

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008212.D
 Acq On : 11 Jan 2019 23:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 7.09G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/14/2019 2:42:15 PM

Quant Time: Jan 12 01:22:32 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	106135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	181869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58825	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.88	113	58184	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.32	98	228131	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	78510	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	39128	45.172	ug/l	98
3) Chloromethane	2.21	50	49792	44.308	ug/l	99
4) Vinyl Chloride	2.37	62	63819	43.513	ug/l	96
5) Bromomethane	2.78	94	51782	47.130	ug/l	98
6) Chloroethane	2.92	64	43268	39.204	ug/l	99
7) Trichlorofluoromethane	3.26	101	49374	41.408	ug/l	87
8) Diethyl Ether	3.68	74	32876	48.772	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54878	46.356	ug/l	94
10) Methyl Iodide	4.26	142	88861	51.502	ug/l	99
11) Tert butyl alcohol	5.21	59	18487	253.316	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	55519	47.767	ug/l	93
13) Acrolein	3.89	56	18128	228.136	ug/l	98
14) Allyl chloride	4.66	41	99789	47.287	ug/l	99
15) Acrylonitrile	5.37	53	66546	259.304	ug/l	100
16) Acetone	4.14	43	54872	256.459	ug/l	92
17) Carbon Disulfide	4.37	76	171479	47.228	ug/l	100
18) Methyl Acetate	4.67	43	43495	57.691	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96525	51.083	ug/l	95
20) Methylene Chloride	4.91	84	64833	55.756	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	62266	49.297	ug/l	93
22) Diisopropyl ether	6.31	45	200508	49.820	ug/l	99
23) Vinyl Acetate	6.25	43	528562	250.061	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113373	48.347	ug/l	95
25) 2-Butanone	7.18	43	79825	240.514	ug/l	99
26) 2,2-Dichloropropane	7.16	77	67935	42.756	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	68286	49.551	ug/l	95
28) Bromochloromethane	7.51	49	47233	50.924	ug/l	92
29) Tetrahydrofuran	7.53	42	57639	259.987	ug/l	99
30) Chloroform	7.67	83	112252	50.290	ug/l	97
31) Cyclohexane	7.95	56	102260	40.735	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93916	48.356	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90845	48.491	ug/l	98
37) Ethyl Acetate	7.26	43	37838	50.413	ug/l	98
38) Carbon Tetrachloride	8.07	117	83872	48.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110661	46.585	ug/l	95
40) Benzene	8.32	78	255504	50.283	ug/l	99
41) Methacrylonitrile	7.48	41	25090	52.919	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71653	50.137	ug/l	98
43) Isopropyl Acetate	8.43	43	76097	50.709	ug/l	99
44) Trichloroethene	9.09	130	67252	51.703	ug/l	93
45) 1,2-Dichloropropane	9.37	63	64011	50.805	ug/l	92
46) Dibromomethane	9.46	93	32957	53.263	ug/l	96
47) Bromodichloromethane	9.65	83	81950	52.159	ug/l	99
48) Methyl methacrylate	9.44	41	35747	50.483	ug/l	88
49) 1,4-Dioxane	9.47	88	10351	1040.213	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	191741	263.962	ug/l	100
52) Toluene	10.39	92	164645	50.736	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	83569	51.135	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	98413	50.781	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	46695	53.750	ug/l	98
56) Ethyl methacrylate	10.65	69	60172	55.929	ug/l	98
57) 1,3-Dichloropropane	10.93	76	83661	52.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157111	282.707	ug/l	98
59) 2-Hexanone	10.97	43	127082	258.705	ug/l	100
60) Dibromochloromethane	11.13	129	55802	58.494	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45481	55.174	ug/l	100
64) Tetrachloroethene	10.86	164	57210	52.816	ug/l	95
65) Chlorobenzene	11.66	112	179316	50.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	61461	53.589	ug/l	99
67) Ethyl Benzene	11.73	91	316949	49.125	ug/l	97
68) m/p-Xylenes	11.84	106	245477	99.681	ug/l	97
69) o-Xylene	12.17	106	115586	50.685	ug/l	96
70) Styrene	12.18	104	188179	52.682	ug/l	98
71) Bromoform	12.35	173	30164	58.765	ug/l #	96
73) Isopropylbenzene	12.47	105	312542	49.368	ug/l	100
74) N-amyl acetate	12.27	43	70773	50.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53410	52.707	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38340m	52.156	ug/l	
77) Bromobenzene	12.75	156	71699	53.599	ug/l	89
78) n-propylbenzene	12.81	91	372498	48.021	ug/l	98
79) 2-Chlorotoluene	12.90	91	210576	48.658	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	256359	49.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16587	52.545	ug/l	95
82) 4-Chlorotoluene	12.99	91	217742	47.772	ug/l	97
83) tert-Butylbenzene	13.21	119	225808	49.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262899	48.997	ug/l	98
85) sec-Butylbenzene	13.39	105	324797	48.175	ug/l	99
86) p-Isopropyltoluene	13.50	119	282676	48.553	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	141779	52.249	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	139367	51.191	ug/l	97
89) n-Butylbenzene	13.83	91	270133	47.374	ug/l	99
90) Hexachloroethane	14.10	117	51429	52.299	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	125199	52.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8657	53.085	ug/l	88

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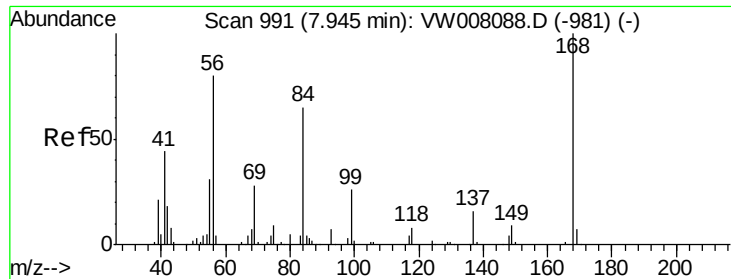
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84752	53.528	ug/l	96
94) Hexachlorobutadiene	15.24	225	45852	54.106	ug/l	98
95) Naphthalene	15.37	128	160464	54.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73008	54.090	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion:168 Resp: 106135

Ion Ratio Lower Upper

168 100

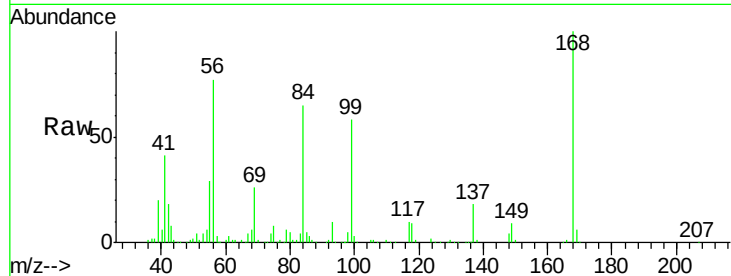
99 57.7 52.6 78.8

Manual Integrations

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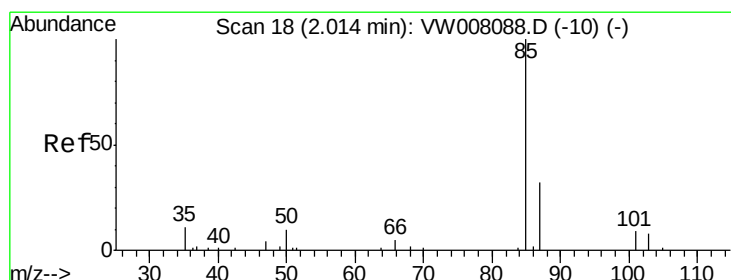
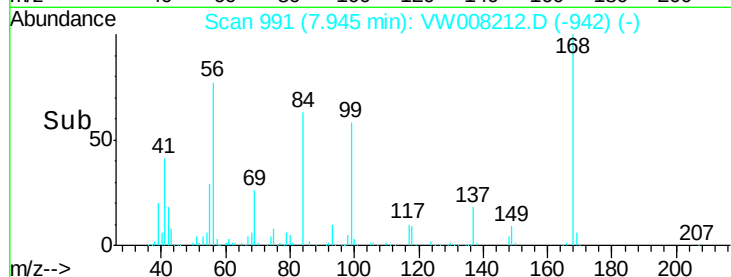
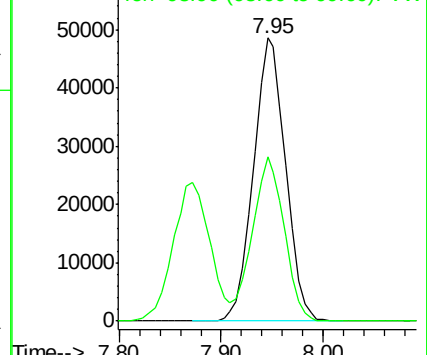
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.172 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008212.D

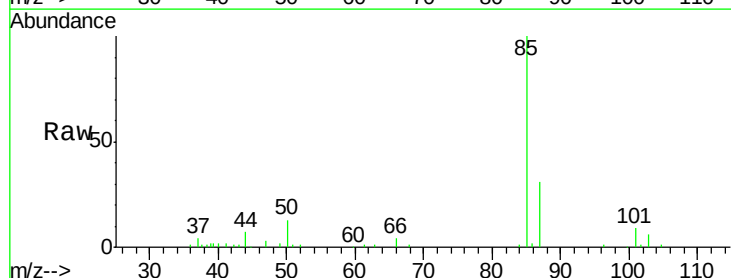
Acq: 11 Jan 2019 23:42

Tgt Ion: 85 Resp: 39128

Ion Ratio Lower Upper

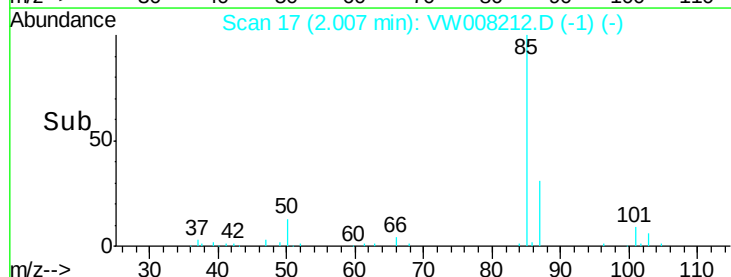
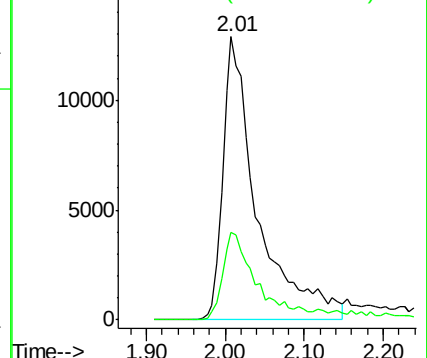
85 100

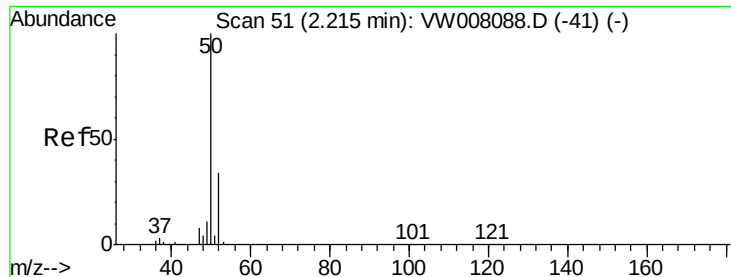
87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.308 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 49792

Ion Ratio Lower Upper

50 100

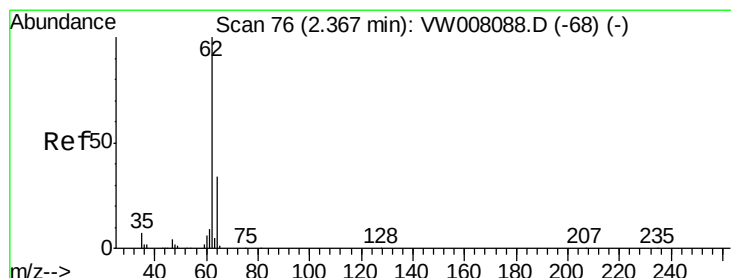
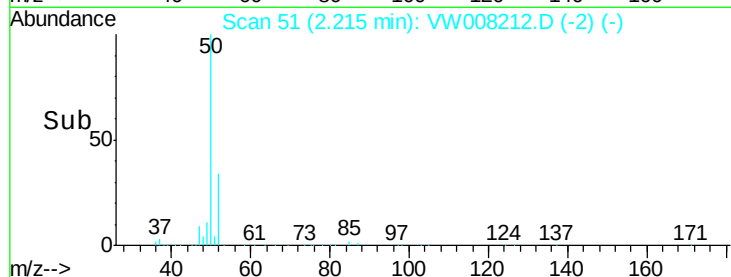
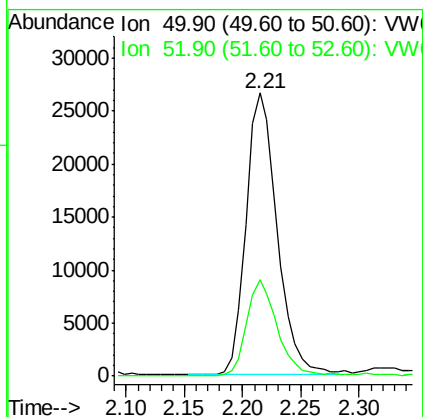
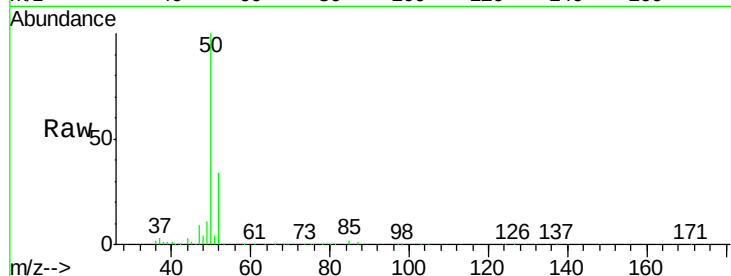
52 34.1 26.8 40.2

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#4

Vinyl Chloride

Concen: 43.513 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008212.D

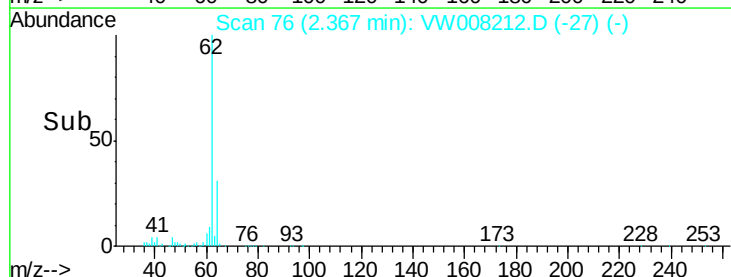
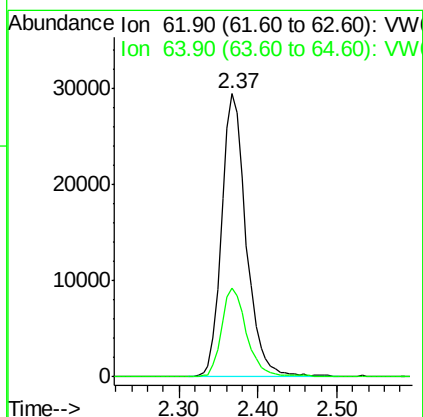
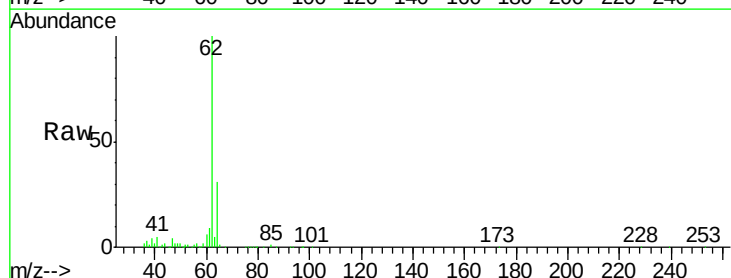
Acq: 11 Jan 2019 23:42

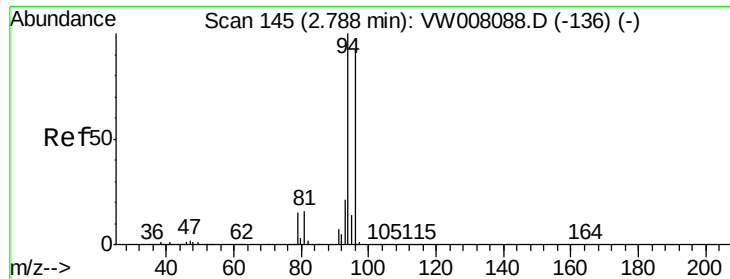
Tgt Ion: 62 Resp: 63819

Ion Ratio Lower Upper

62 100

64 31.5 27.0 40.6





#5

Bromomethane

Concen: 47.130 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 51782

Ion Ratio Lower Upper

94 100

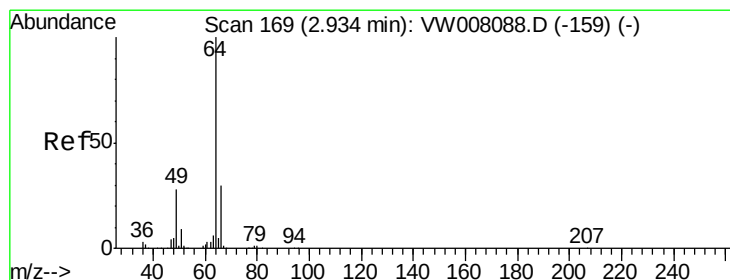
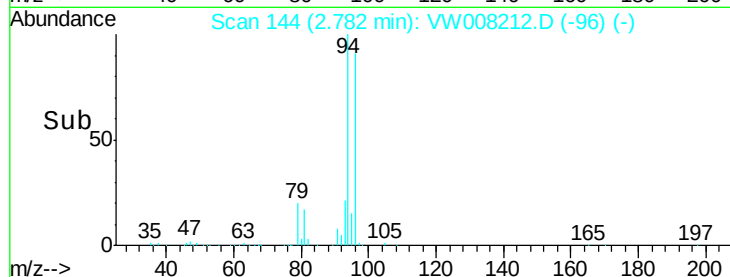
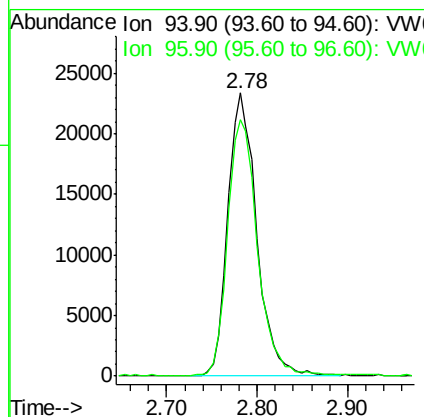
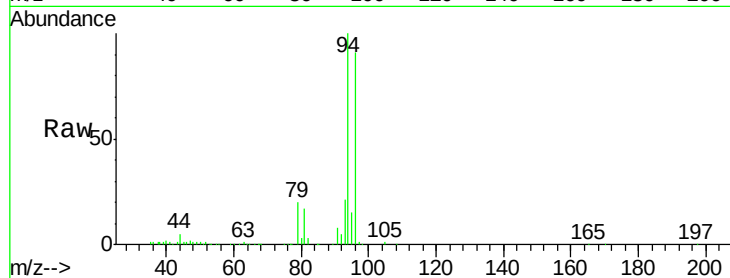
96 90.4 74.1 111.1

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#6

Chloroethane

Concen: 39.204 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008212.D

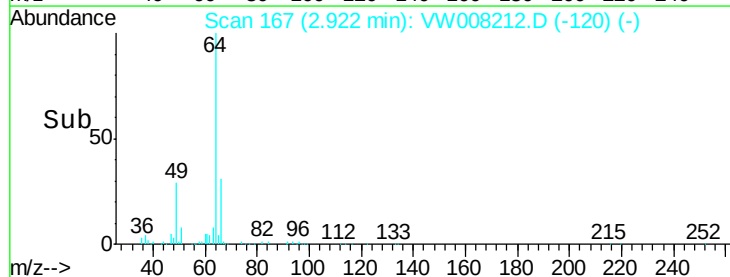
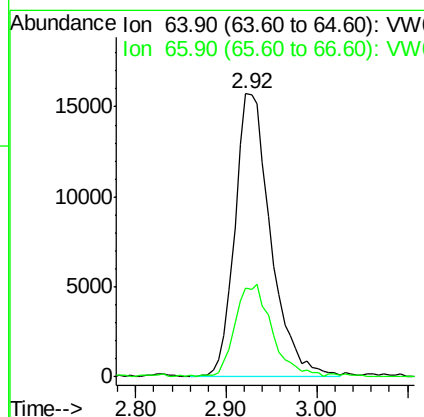
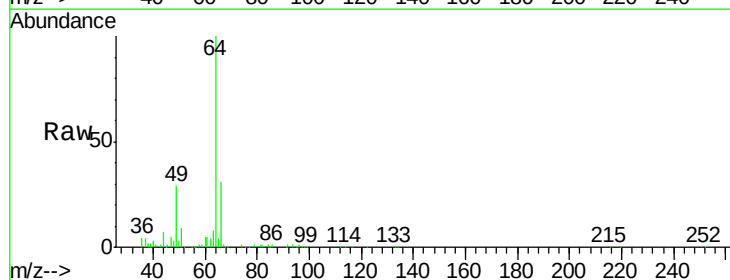
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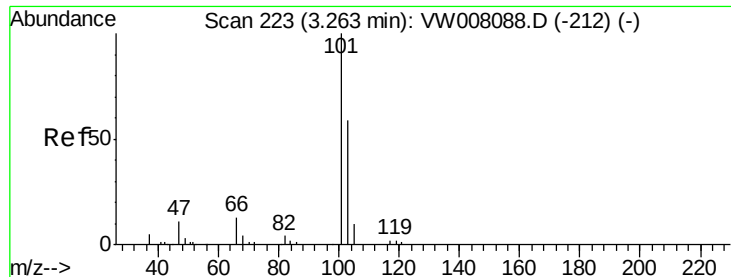
Tgt Ion: 64 Resp: 43268

Ion Ratio Lower Upper

64 100

66 30.7 24.2 36.2





#7

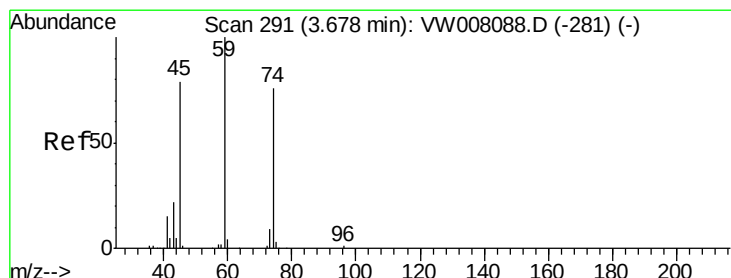
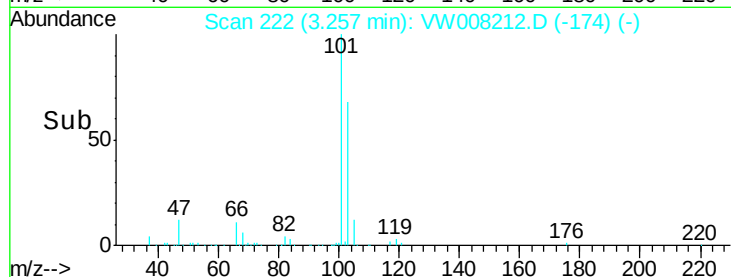
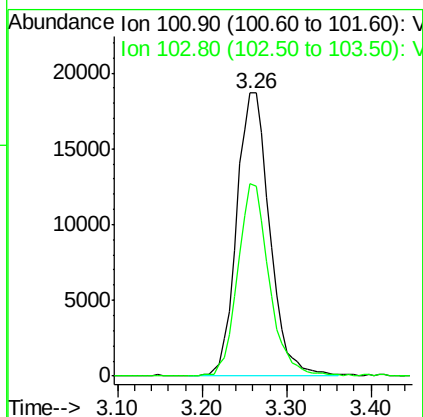
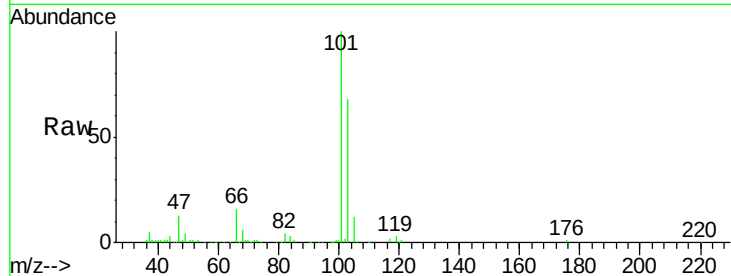
Trichlorofluoromethane
 Concen: 41.408 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.2	47.0	70.6

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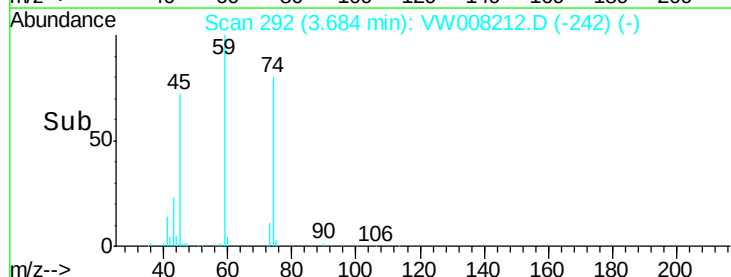
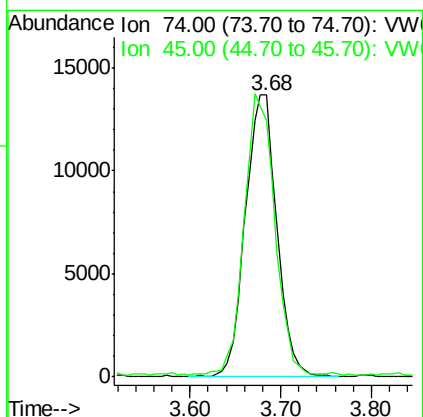
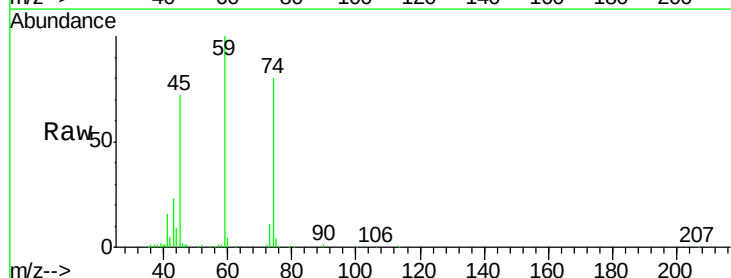
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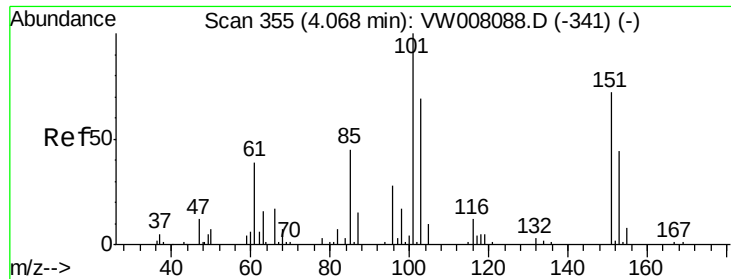


#8

Diethyl Ether
 Concen: 48.772 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	52.4	157.3





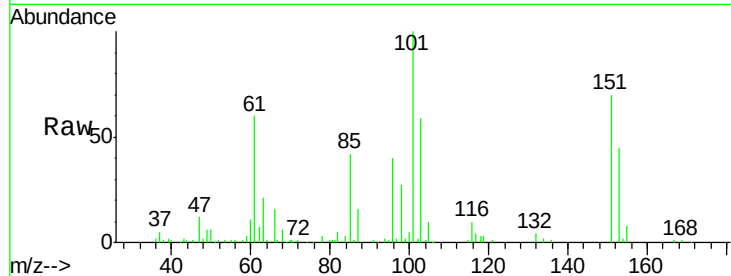
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.356 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW008212.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.9	53.9
151	77.7	55.8	83.8

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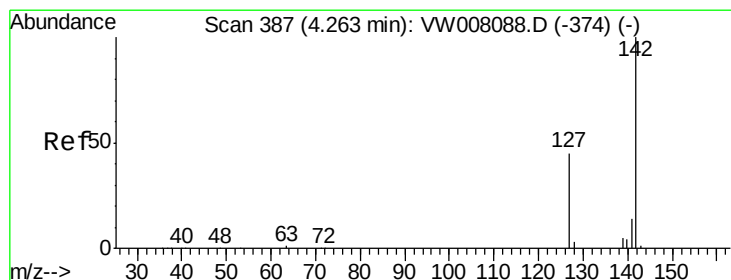
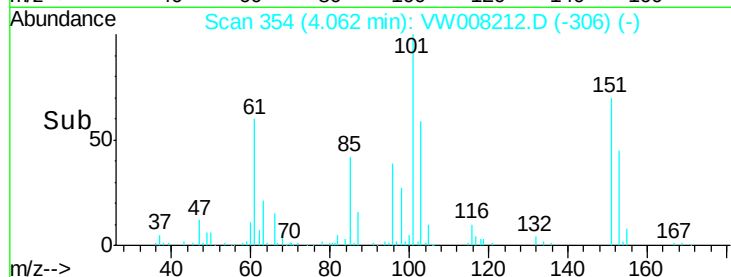
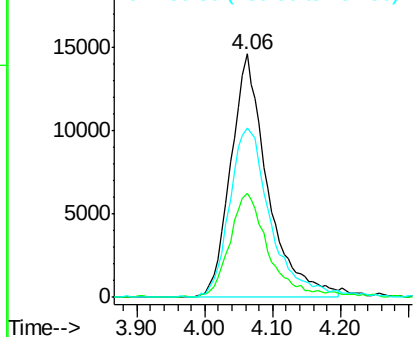


Abundance

Ion 100.90 (100.60 to 101.60): V

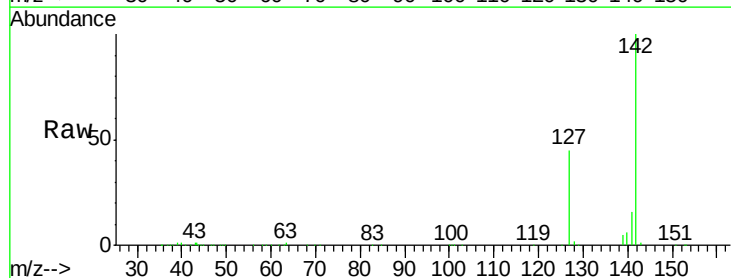
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 51.502 ug/l
 RT: 4.26 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.4	35.0	52.4
141	15.3	11.8	17.6

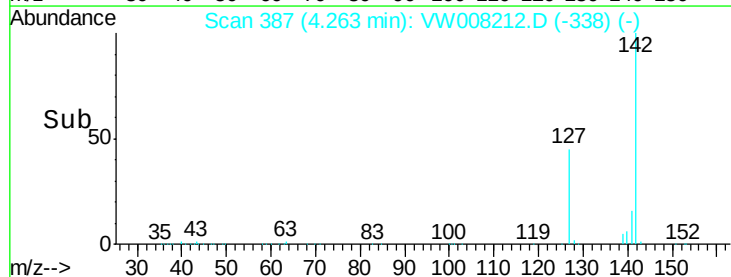
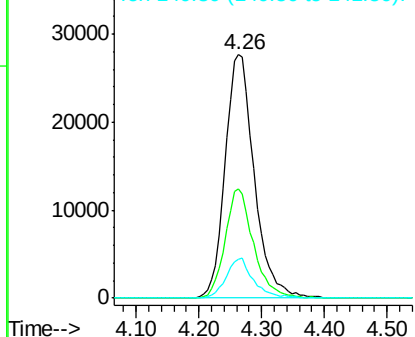


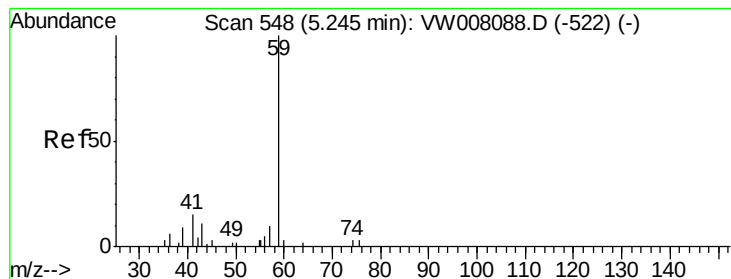
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

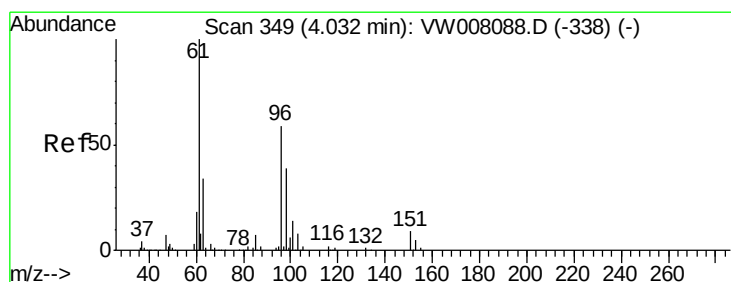
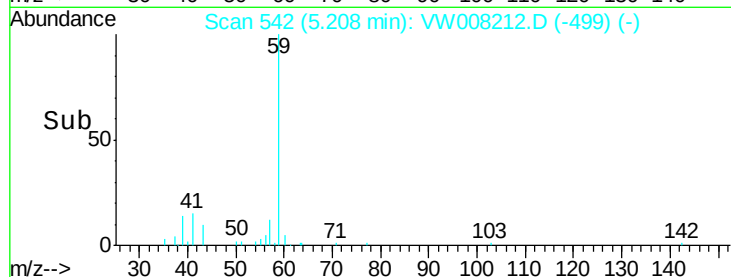
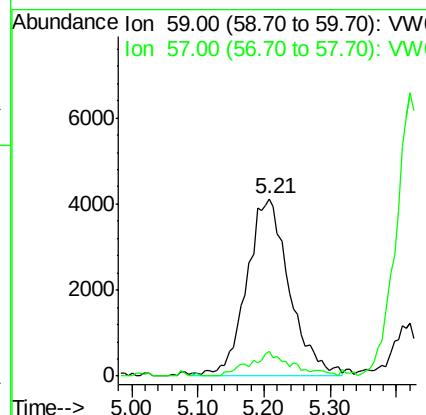
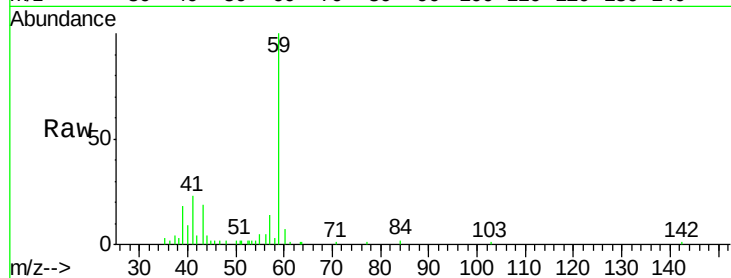
Tert butyl alcohol
Concen: 253.316 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	18487
Ion Ratio	100	Lower	Upper
57	12.4	0.0	0.0#

Manual Integrations
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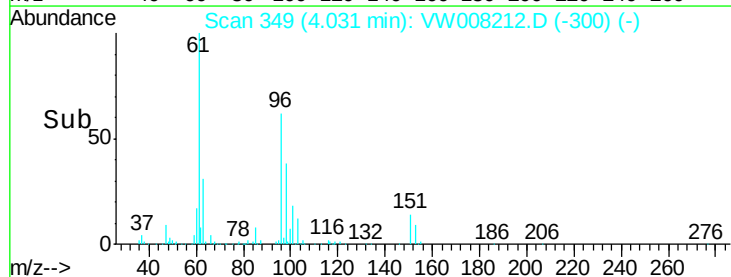
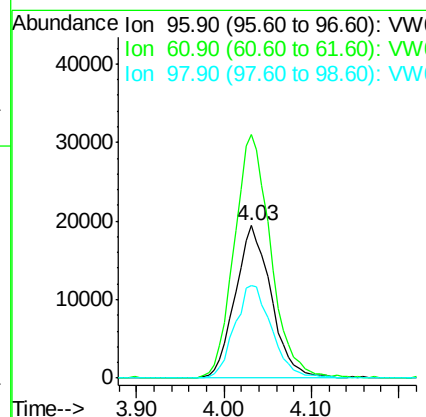
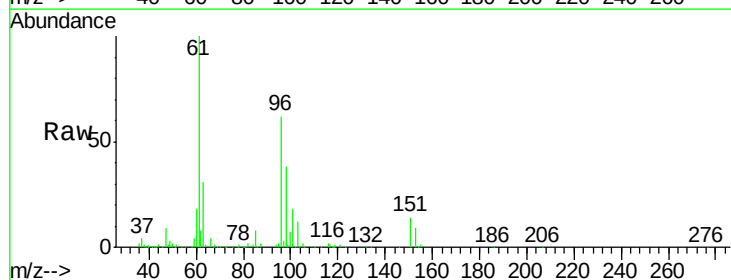
apatel
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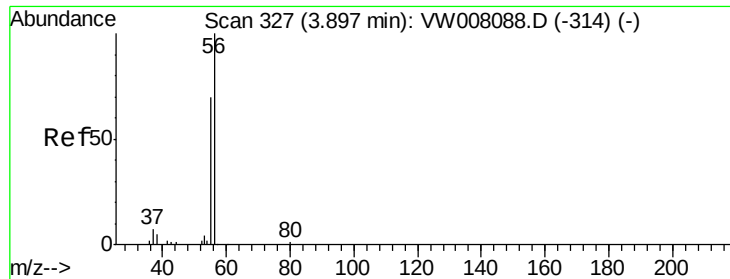


#12

1,1-Dichloroethene
Concen: 47.767 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	96	Resp	55519
Ion Ratio	100	Lower	Upper
61	159.7	135.4	203.2
98	60.6	52.5	78.7





#13

Acrolein

Concen: 228.136 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 18128

Ion Ratio Lower Upper

56 100

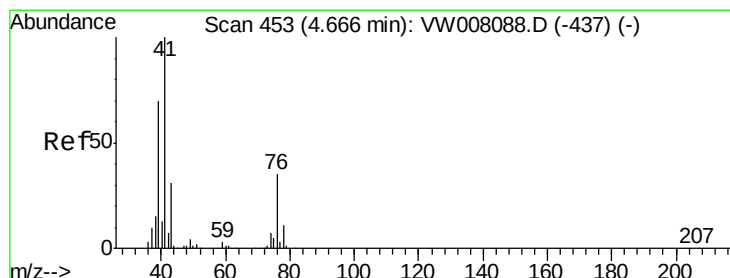
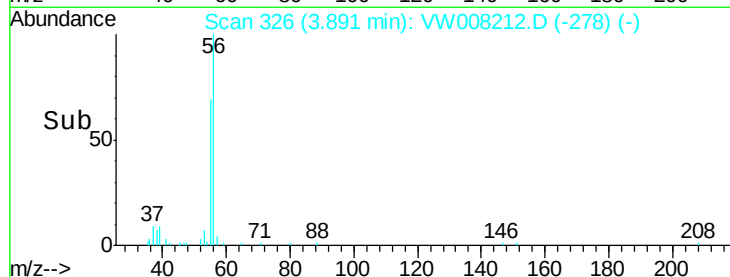
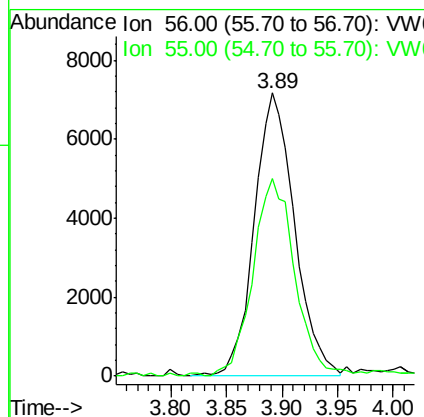
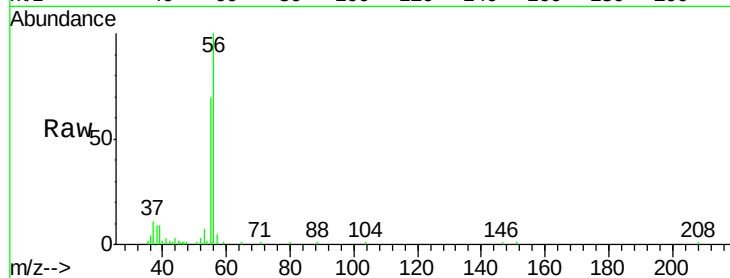
55 72.0 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.287 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

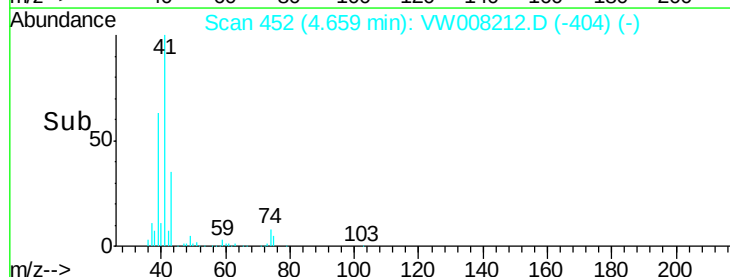
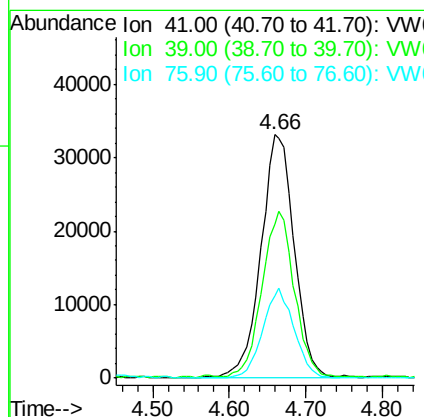
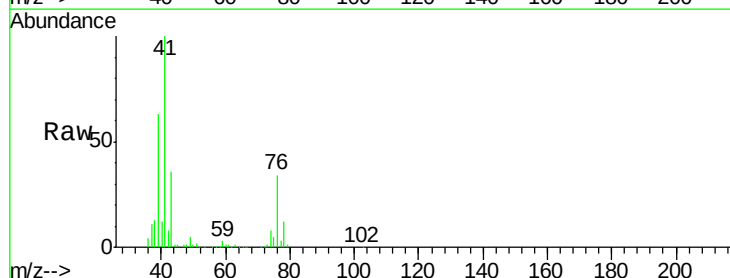
Tgt Ion: 41 Resp: 99789

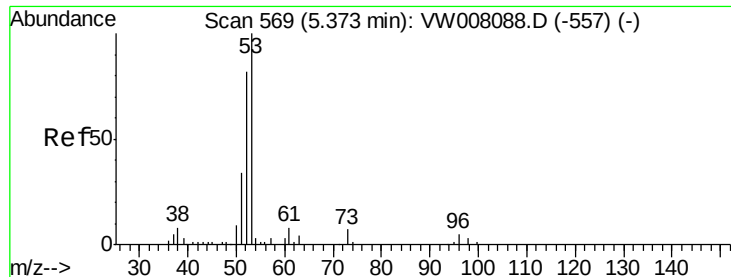
Ion Ratio Lower Upper

41 100

39 65.8 53.8 80.8

76 34.9 27.6 41.4





#15

Acrylonitrile

Concen: 259.304 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

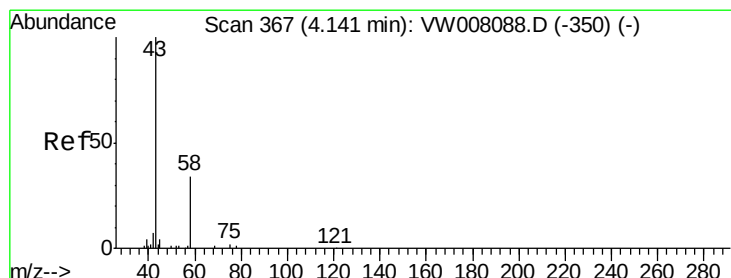
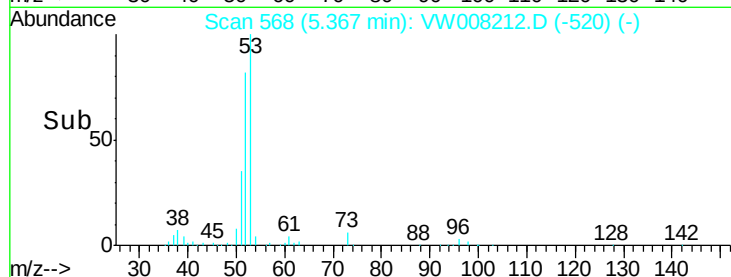
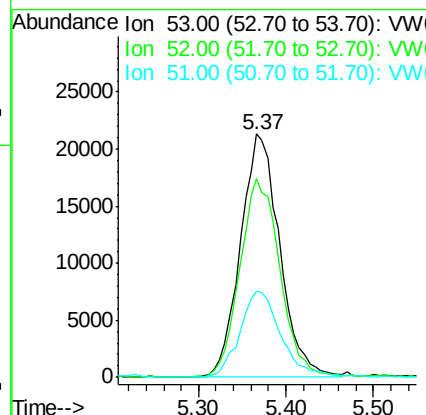
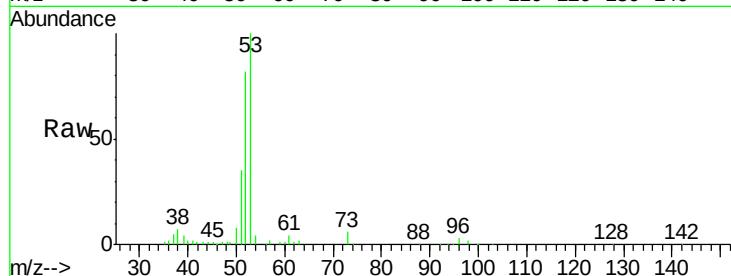
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	66546
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.8	100.2
51	37.3	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 256.459 ug/l

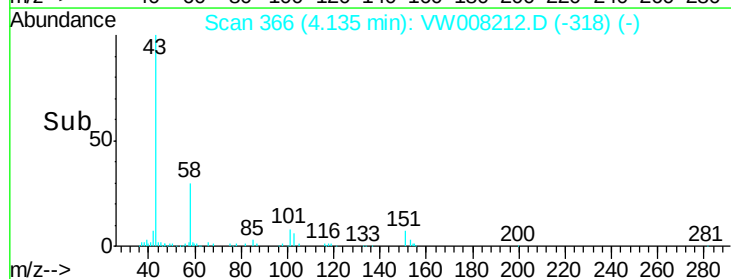
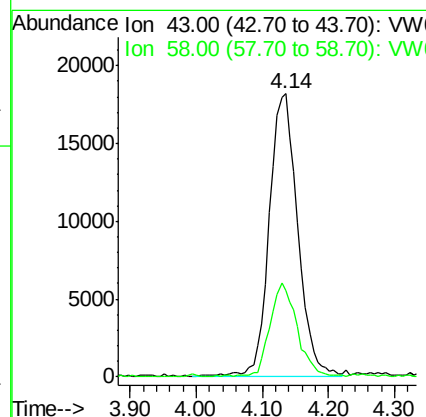
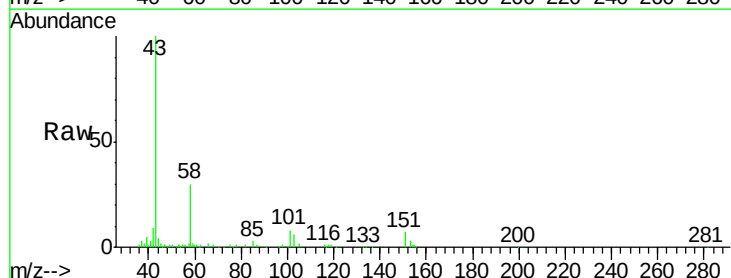
RT: 4.14 min Scan# 366

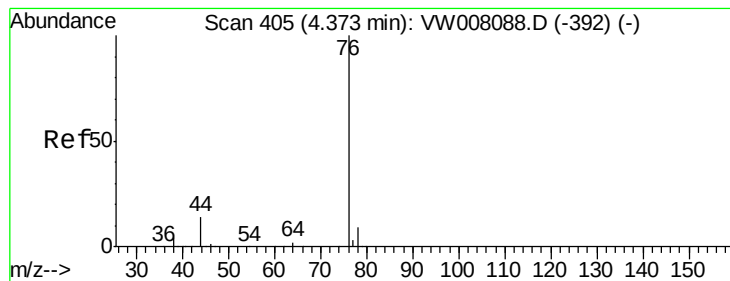
Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	43	Resp:	54872
Ion	Ratio	Lower	Upper
43	100		
58	29.9	27.5	41.3





#17

Carbon Disulfide

Concen: 47.228 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 171479

Ion Ratio Lower Upper

76 100

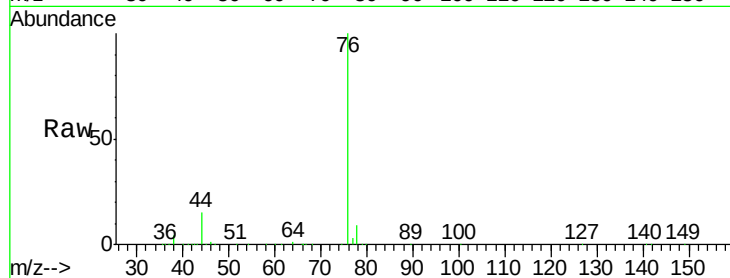
78 8.9 7.0 10.6

Manual Integrations

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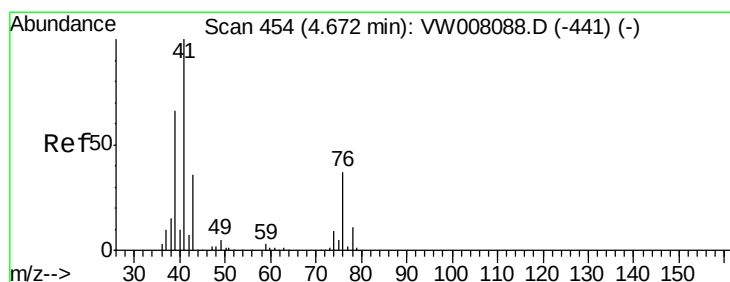
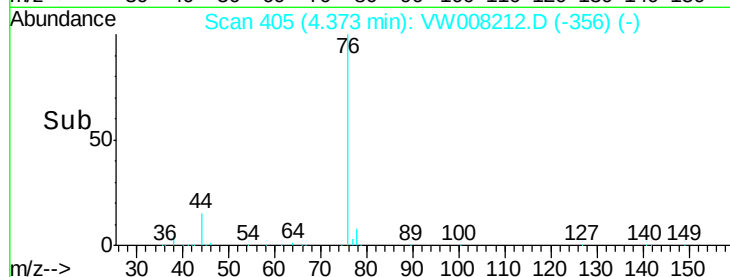
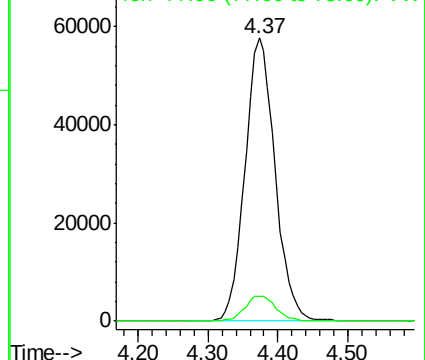
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 57.691 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008212.D

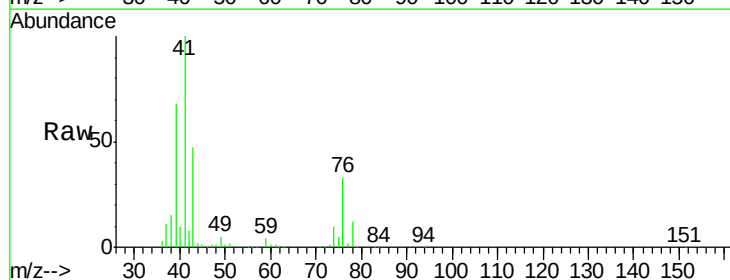
Acq: 11 Jan 2019 23:42

Tgt Ion: 43 Resp: 43495

Ion Ratio Lower Upper

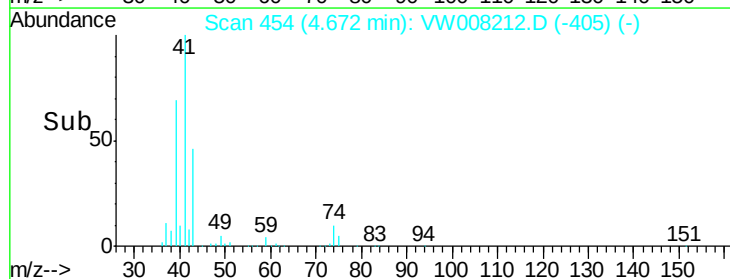
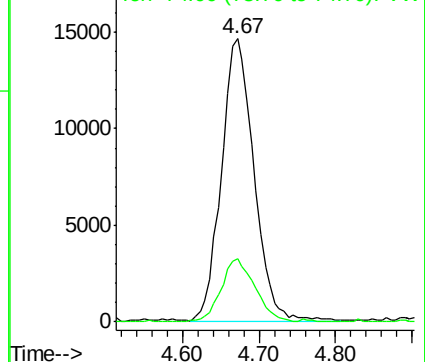
43 100

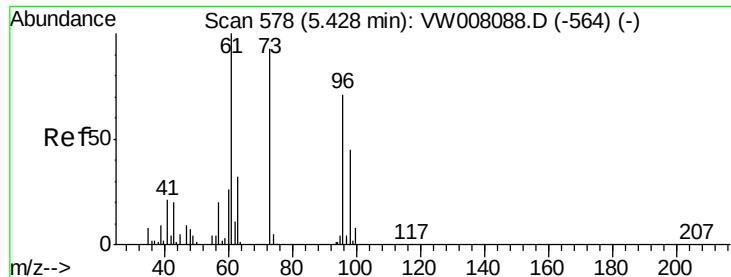
74 22.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





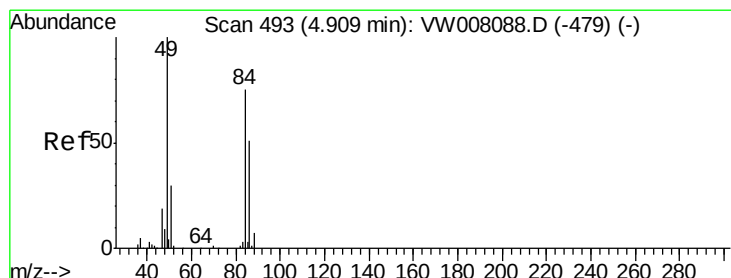
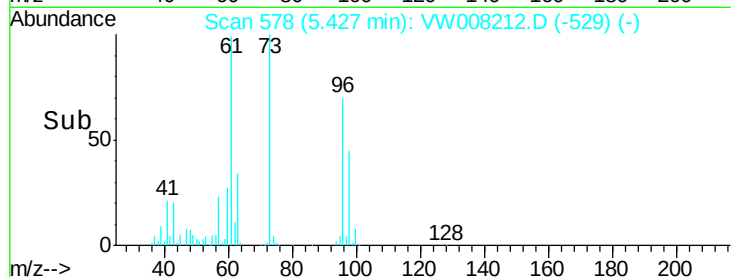
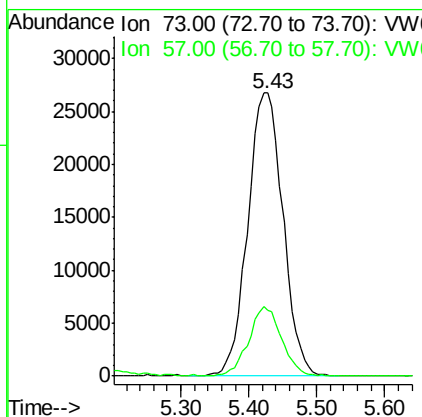
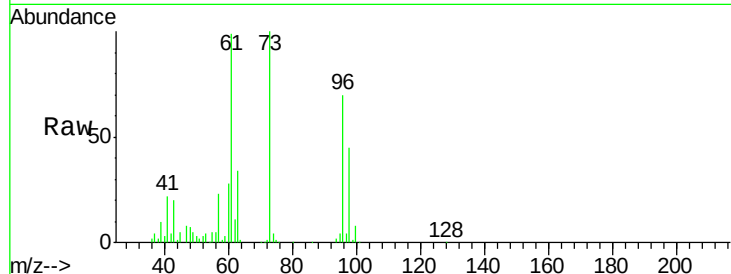
#19
Methyl tert-butyl Ether
Concen: 51.083 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 96525
Ion Ratio Lower Upper
73 100
57 23.1 16.7 25.1

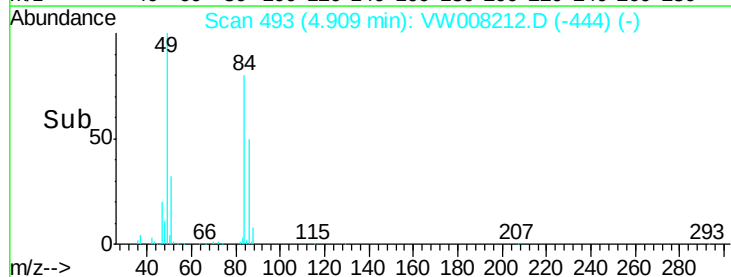
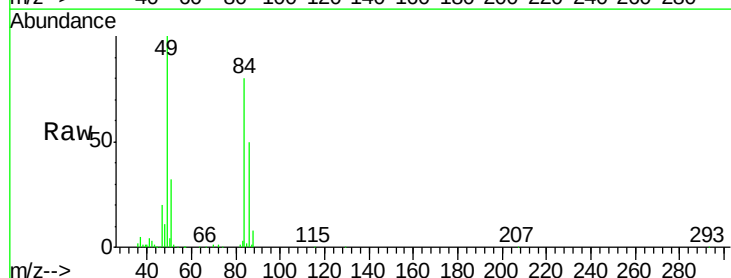
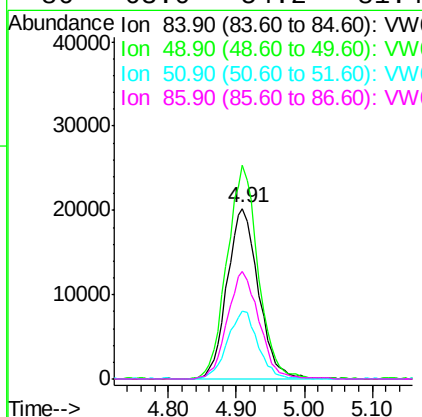
Manual Integrations
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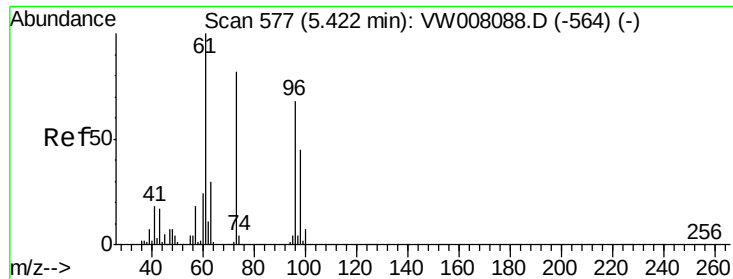
apatel
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#20
Methylene Chloride
Concen: 55.756 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 84 Resp: 64833
Ion Ratio Lower Upper
84 100
49 125.3 107.1 160.7
51 40.1 32.4 48.6
86 63.0 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 49.297 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

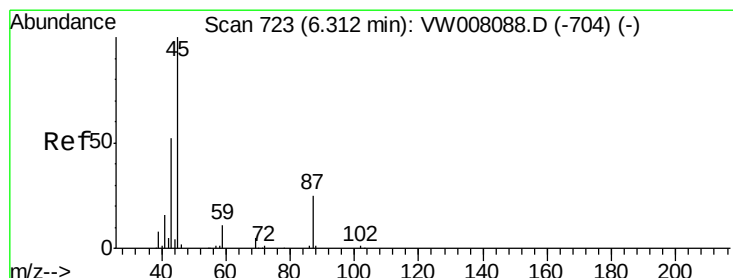
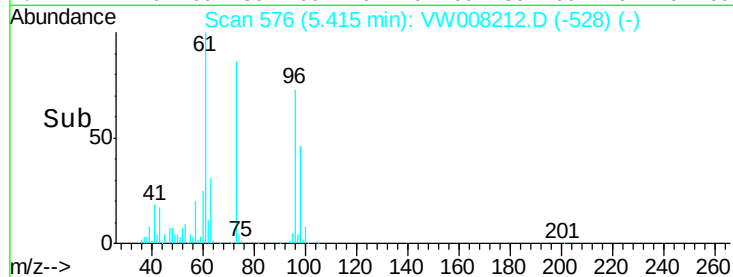
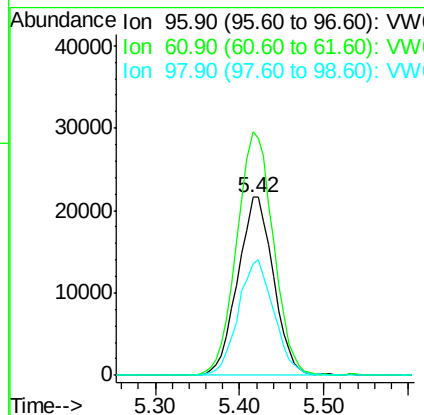
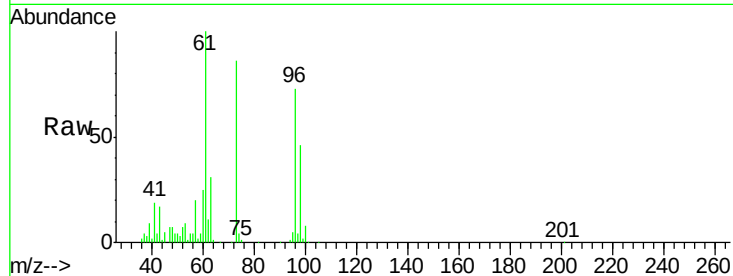
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	62266
Ion	Ratio	Lower	Upper
96	100		
61	136.3	117.4	176.0
98	62.5	52.2	78.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.820 ug/l

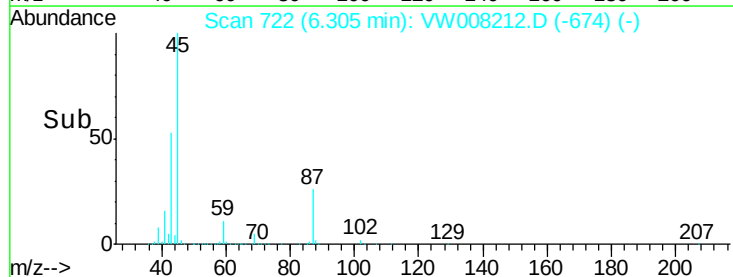
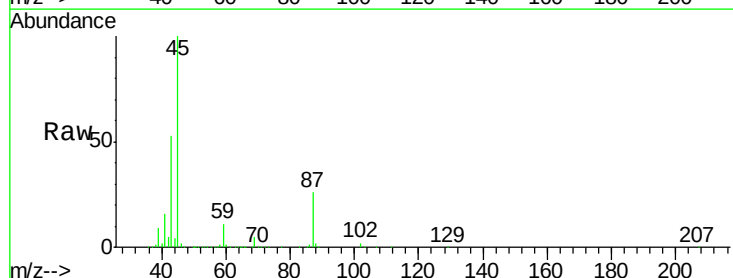
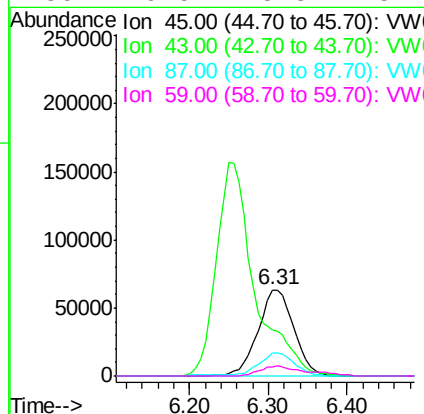
RT: 6.31 min Scan# 722

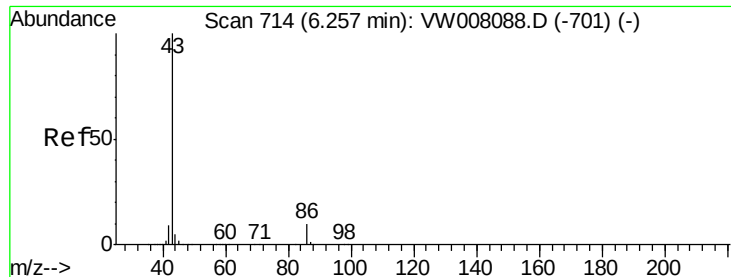
Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	45	Resp:	200508
Ion	Ratio	Lower	Upper
45	100		
43	52.1	41.7	62.5
87	26.3	20.1	30.1
59	10.5	8.8	13.2





#23

Vinyl Acetate

Concen: 250.061 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 528562

Ion Ratio Lower Upper

43 100

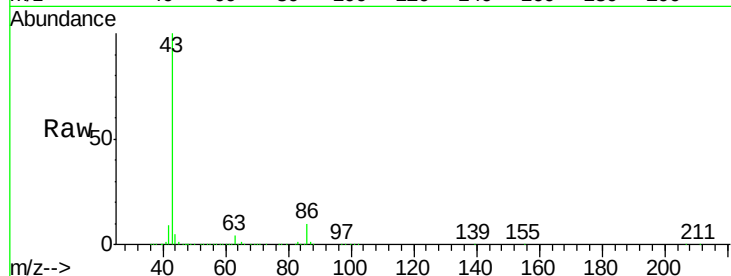
86 10.1 7.7 11.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

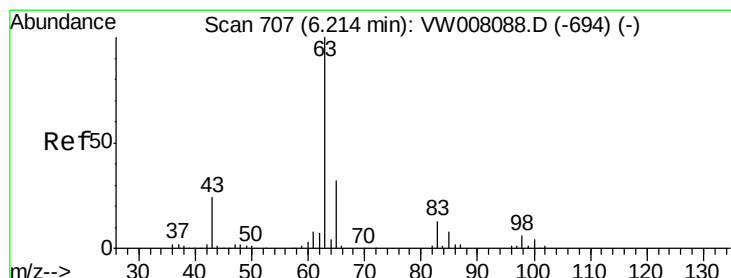
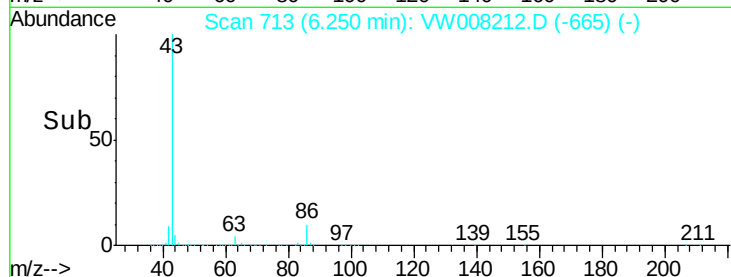
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.347 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

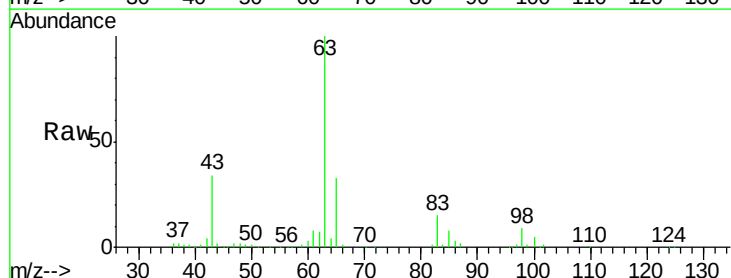
Tgt Ion: 63 Resp: 113373

Ion Ratio Lower Upper

63 100

98 8.6 3.2 9.6

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

50000

40000

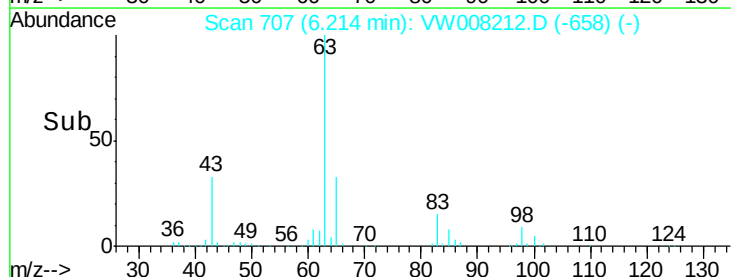
30000

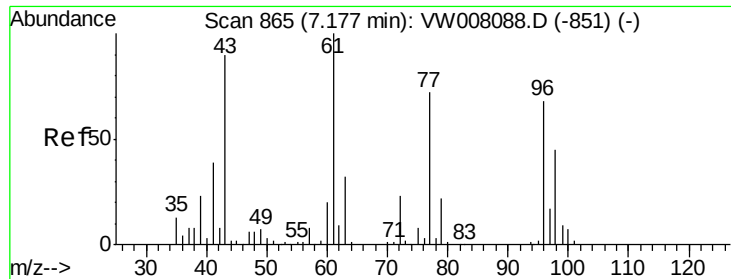
20000

10000

0

Time-->





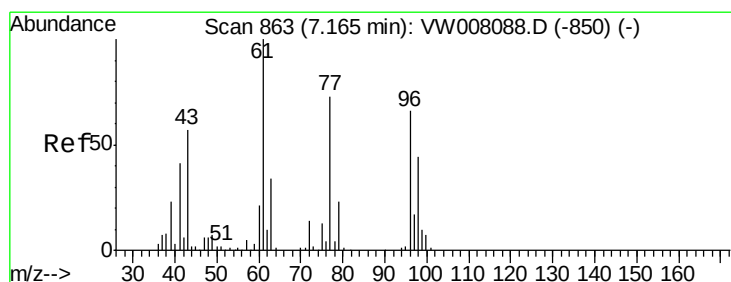
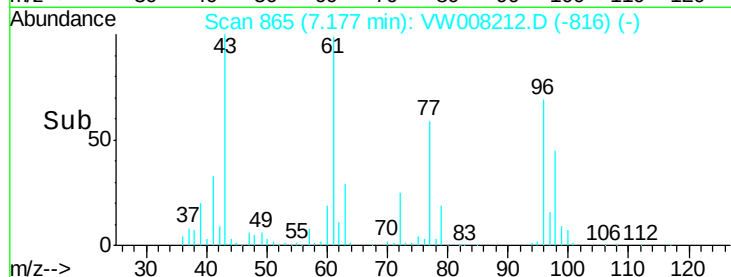
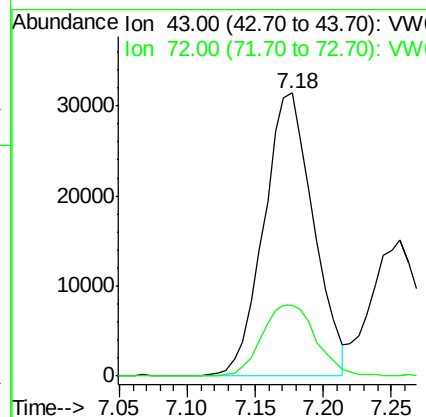
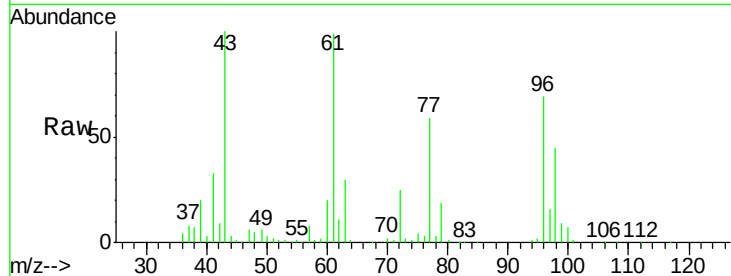
#25
2-Butanone
Concen: 240.514 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 79825
Ion Ratio Lower Upper
43 100
72 24.9 20.5 30.7

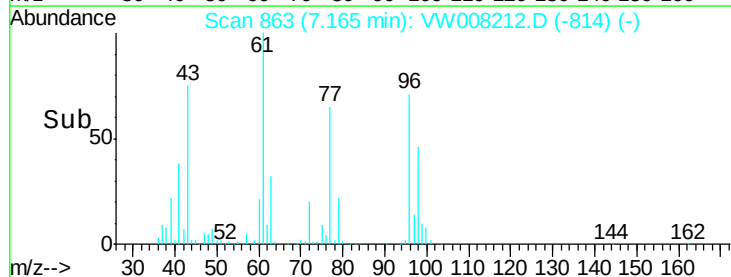
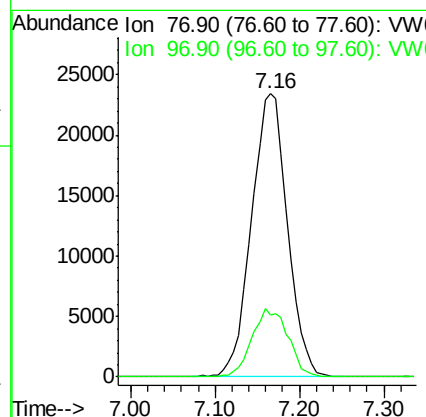
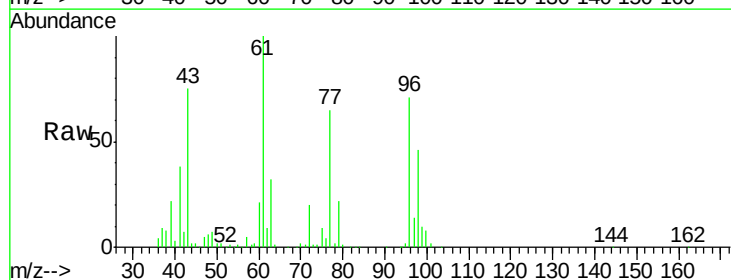
Manual Integrations
APPROVED

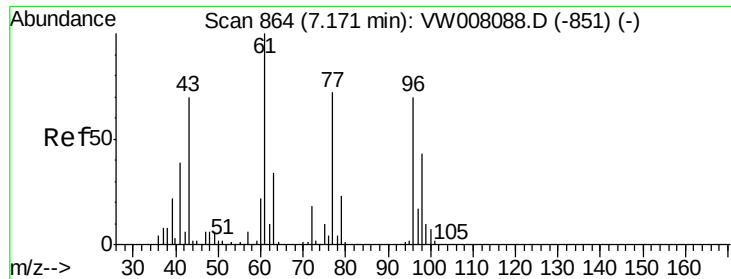
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#26
2,2-Dichloropropane
Concen: 42.756 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 77 Resp: 67935
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.1





#27

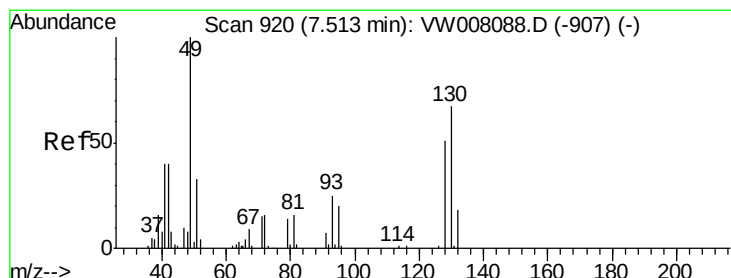
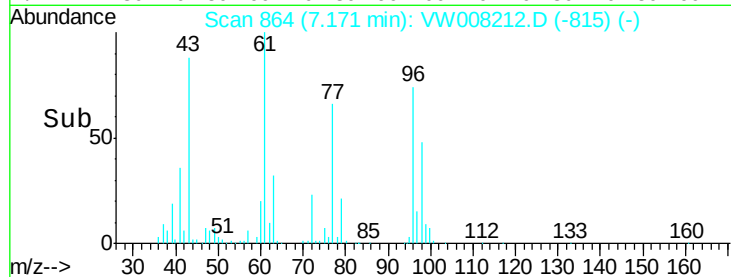
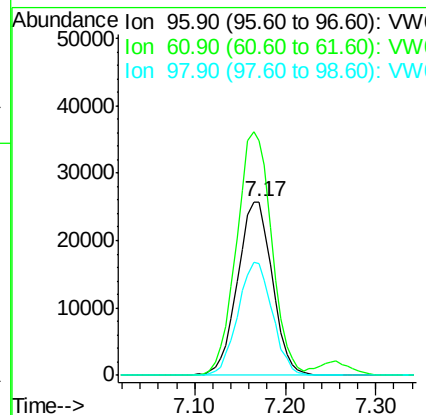
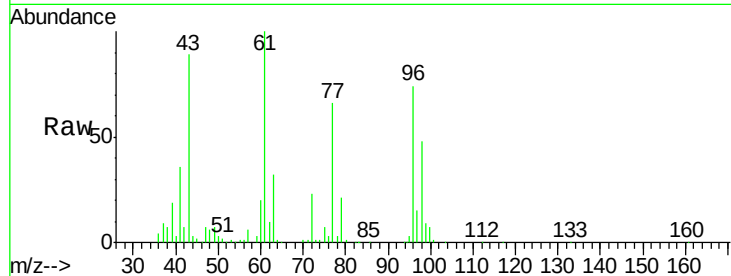
cis-1,2-Dichloroethene
Concen: 49.551 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	300.4
98	64.9	0.0	128.4

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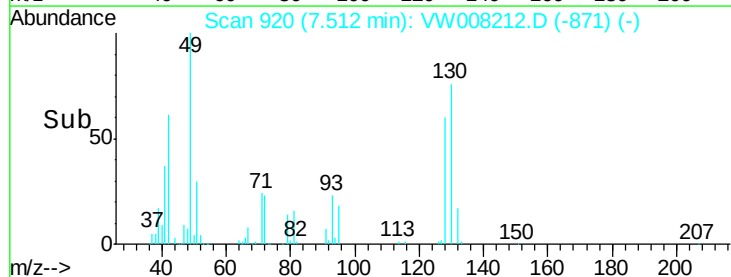
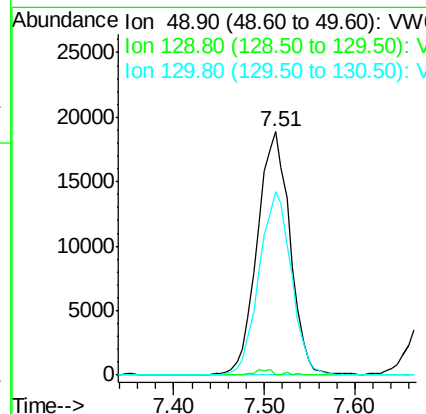
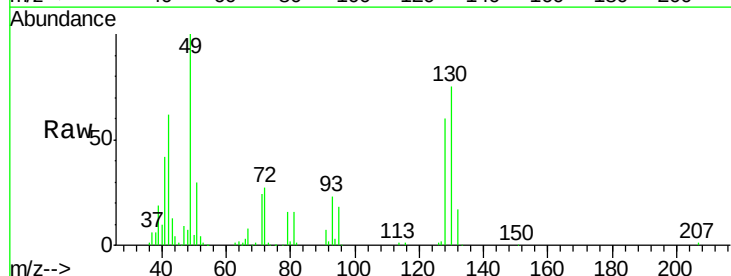
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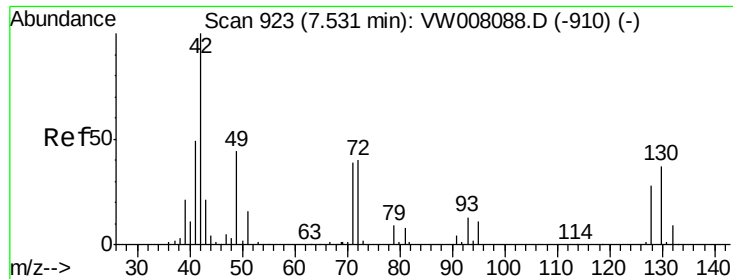


#28

Bromochloromethane
Concen: 50.924 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.8
130	74.2	54.3	81.5





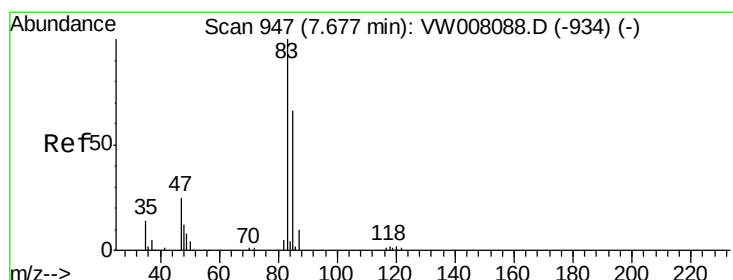
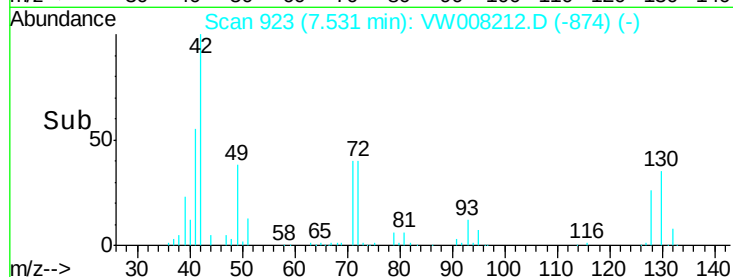
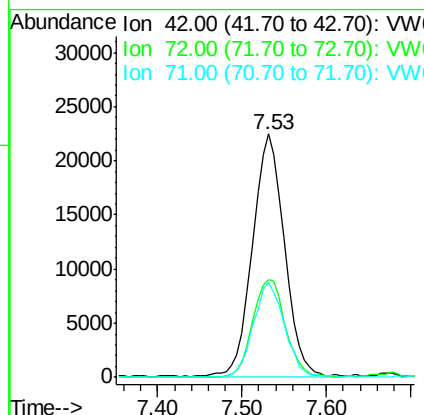
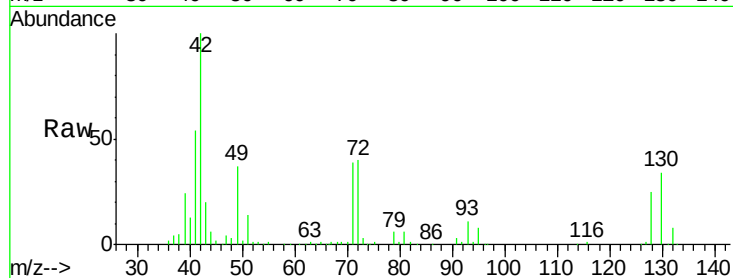
#29
Tetrahydrofuran
Concen: 259.987 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	57639
Ion Ratio	Lower	Upper	
42	100		
72	41.7	32.4	48.6
71	38.8	31.3	46.9

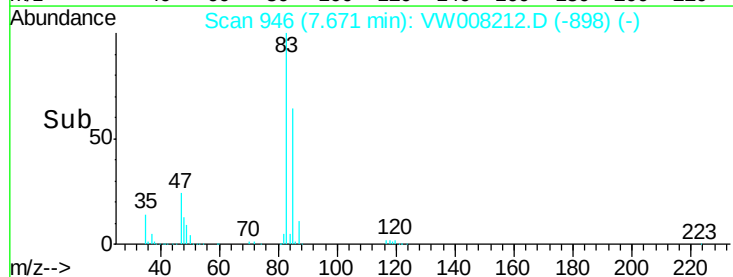
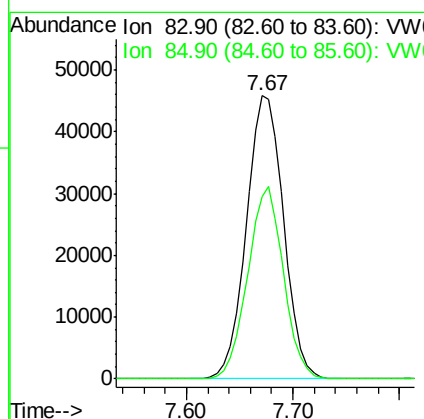
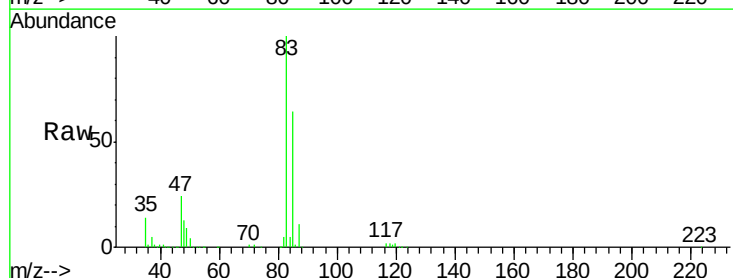
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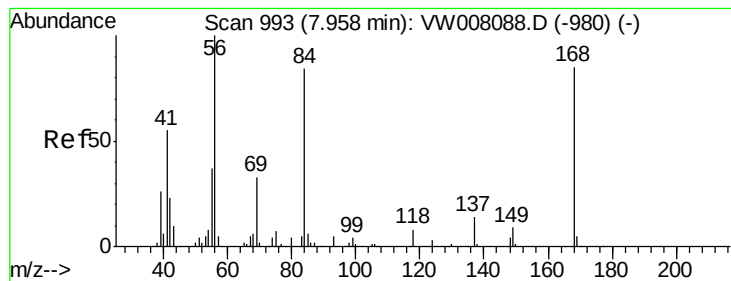
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#30
Chloroform
Concen: 50.290 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion:	83	Resp:	112252
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.2	79.8





#31

Cyclohexane

Concen: 40.735 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

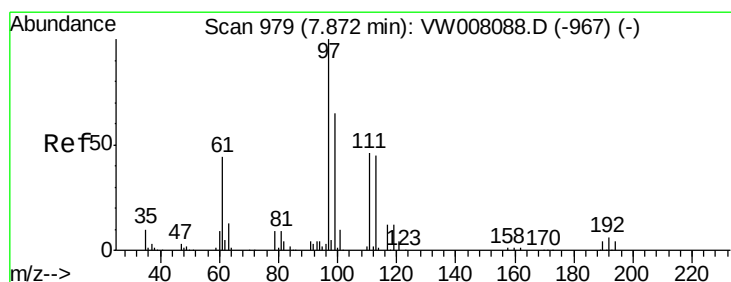
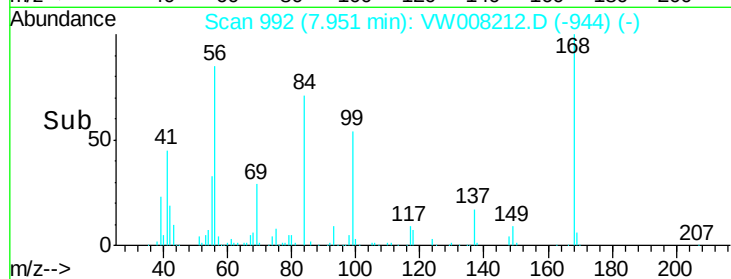
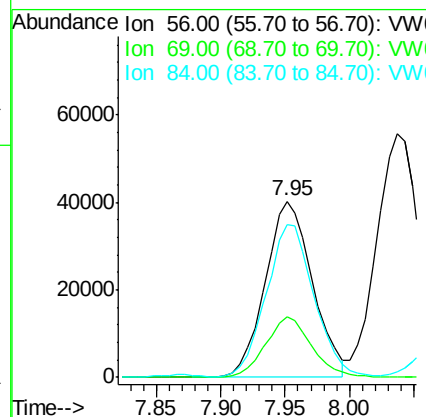
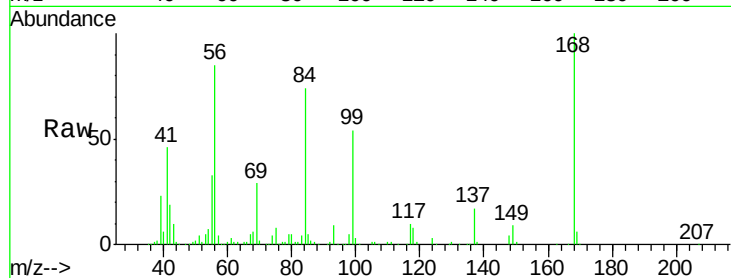
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	102260
Ion	Ratio	Lower	Upper
56	100		
69	34.3	26.2	39.4
84	85.3	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.356 ug/l

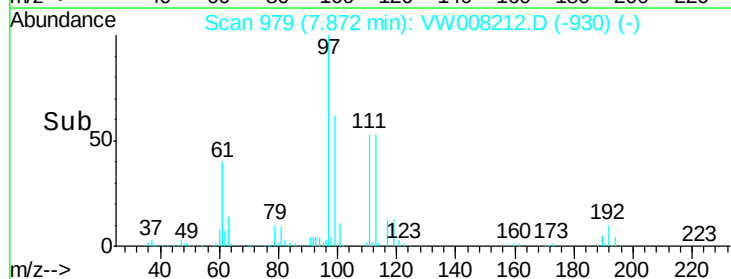
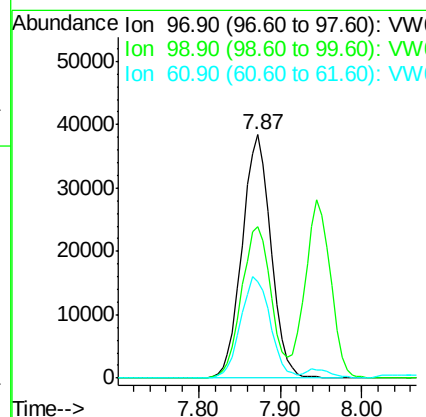
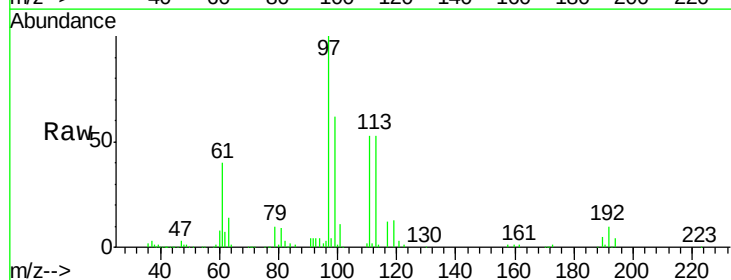
RT: 7.87 min Scan# 979

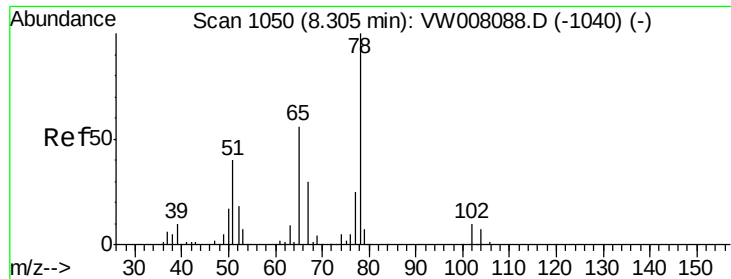
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	97	Resp:	93916
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	42.9	35.6	53.4





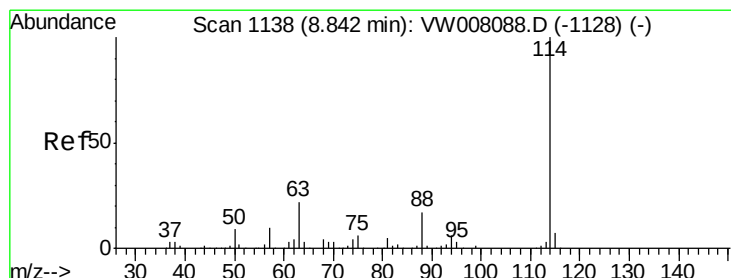
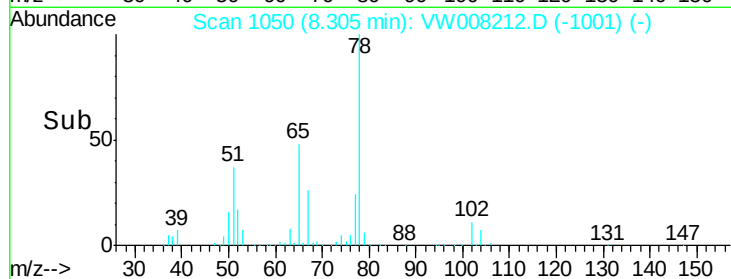
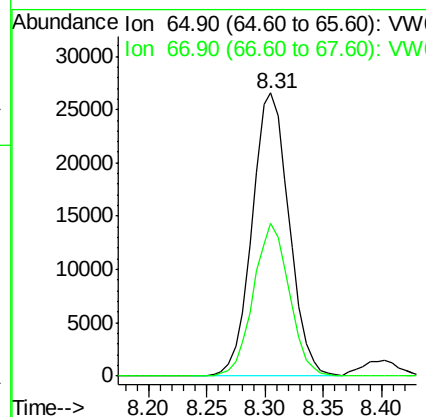
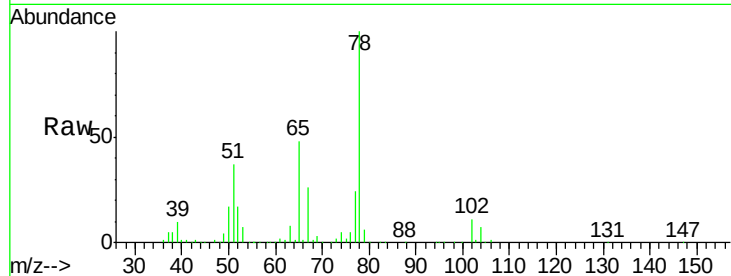
#33
 1,2-Dichloroethane-d4
 Concen: 49.314 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	106.8	

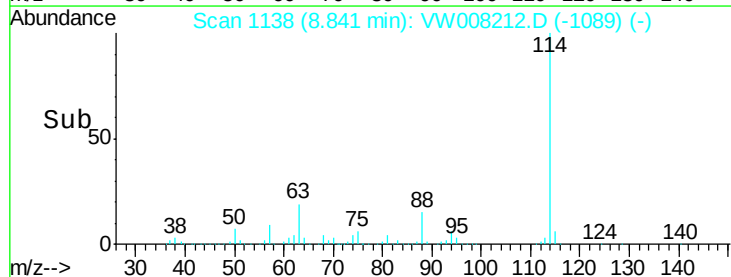
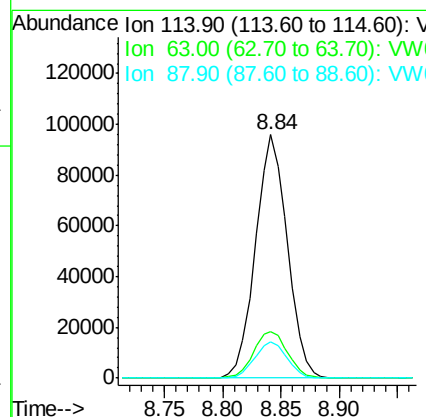
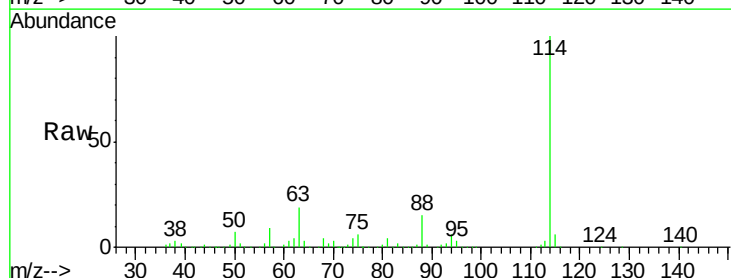
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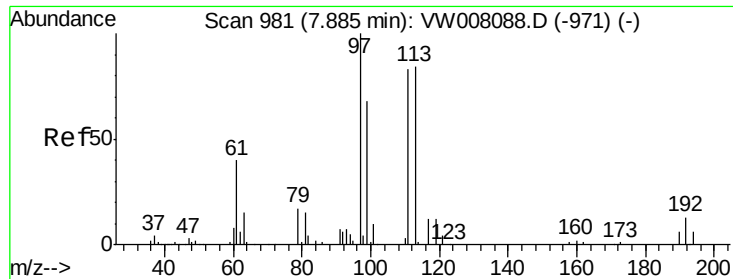
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	43.4	
88	14.8	0.0	33.4	





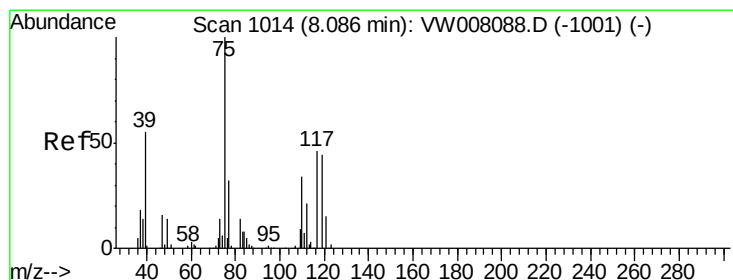
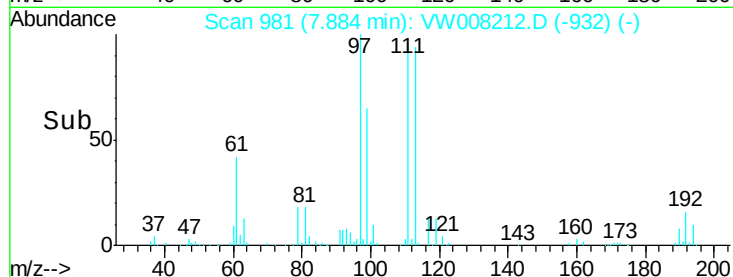
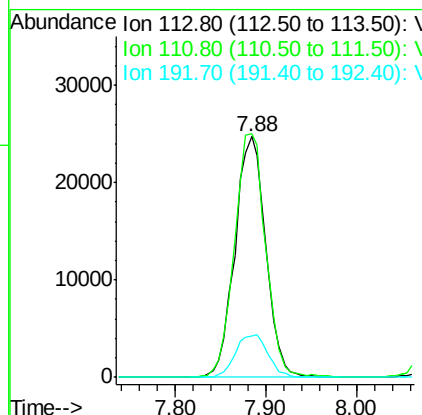
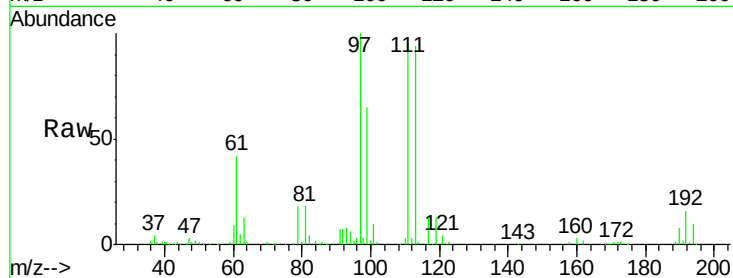
#35
 Dibromofluoromethane
 Concen: 54.853 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	18.8	12.8	19.2

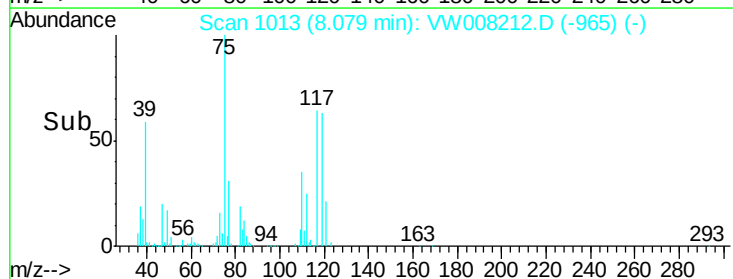
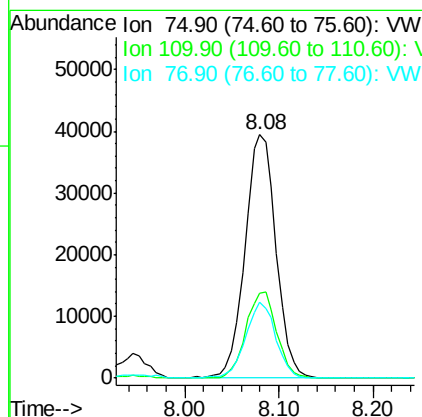
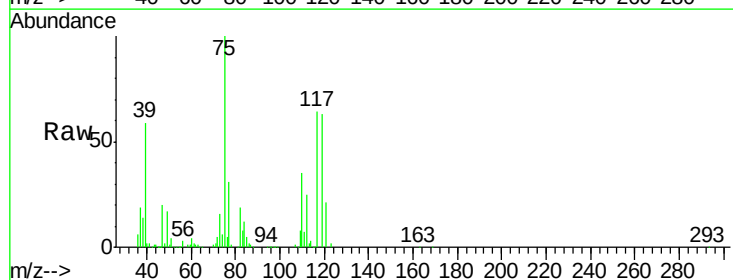
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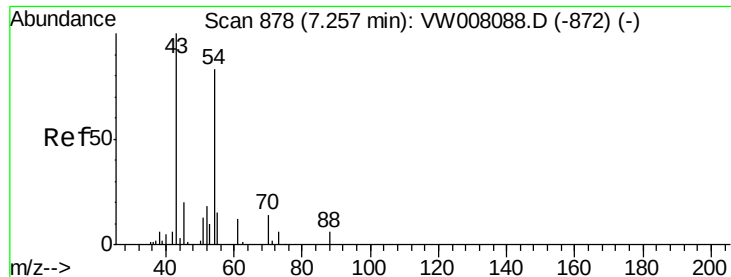
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#36
 1,1-Dichloropropene
 Concen: 48.491 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.1	51.3
77	30.5	25.5	38.3





#37

Ethyl Acetate

Concen: 50.413 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

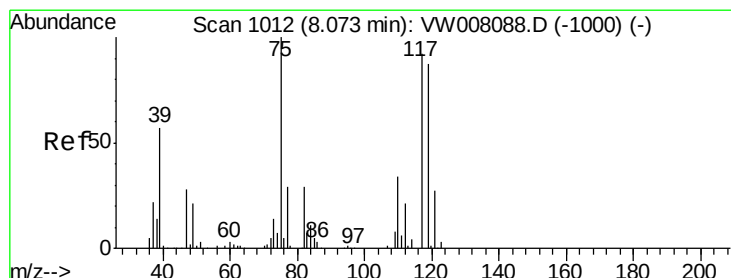
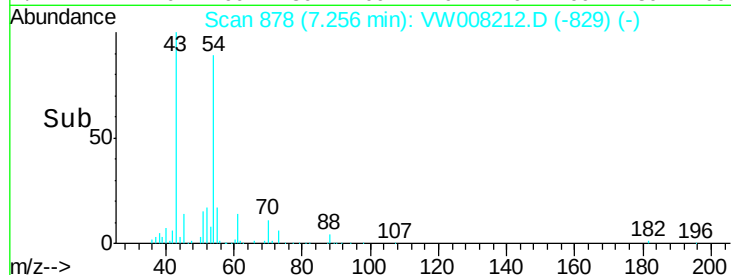
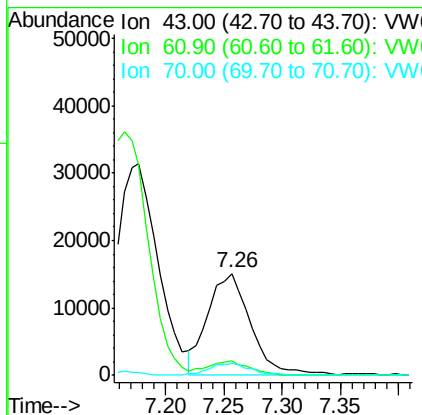
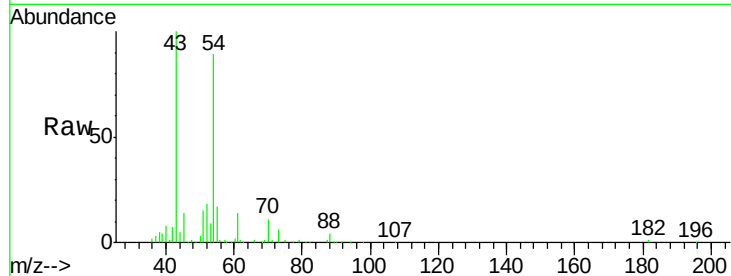
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	37838
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.6	16.0
70	11.3	8.9	13.3

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.913 ug/l

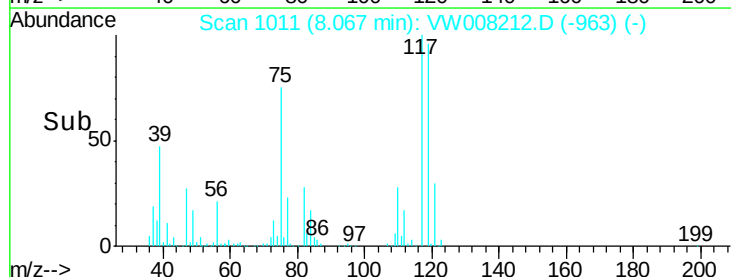
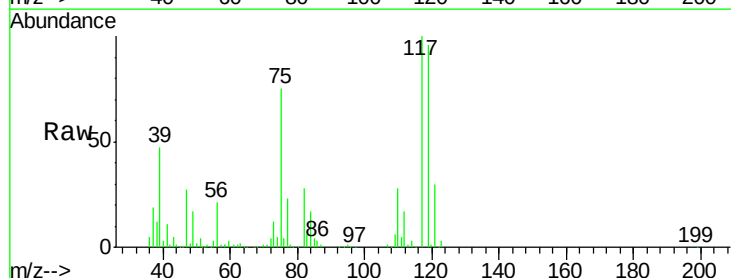
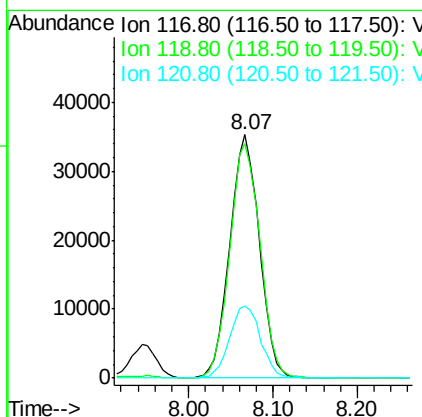
RT: 8.07 min Scan# 1011

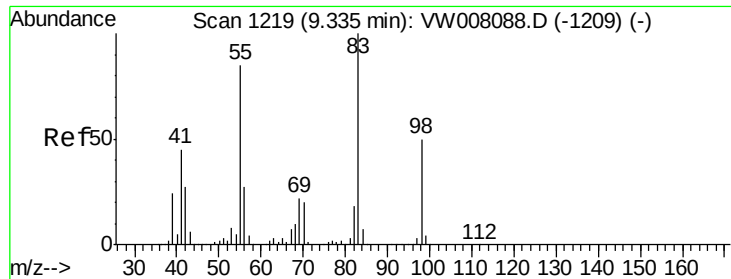
Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	117	Resp:	83872
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
121	29.5	23.7	35.5





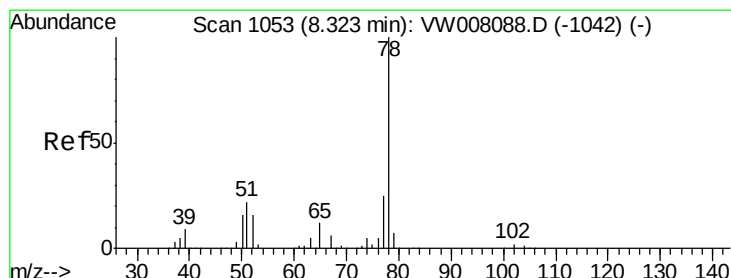
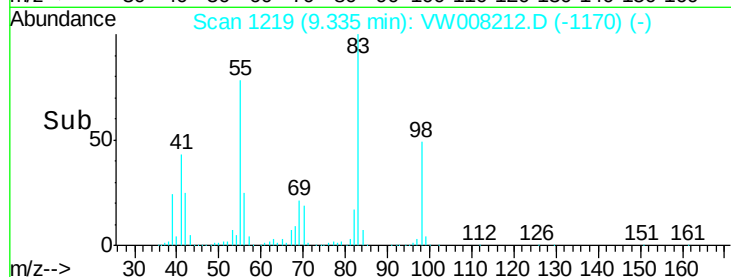
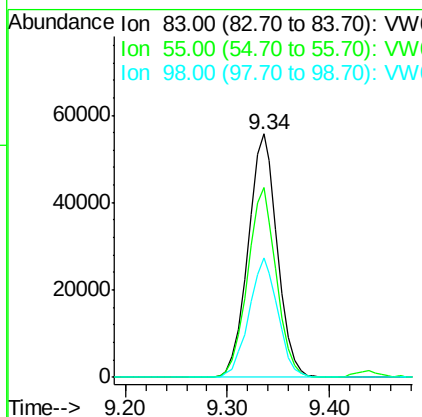
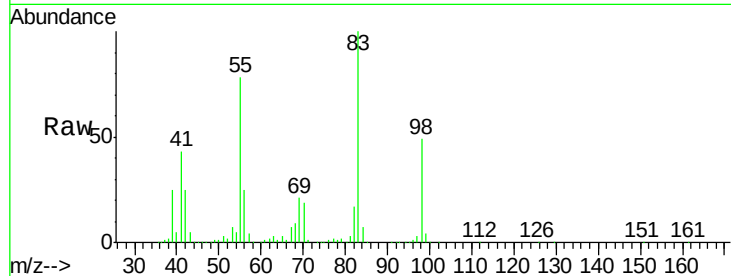
#39
Methylvlcyclohexane
Concen: 46.585 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	110661
Ion	Ratio	Lower	Upper
83	100		
55	77.9	67.8	101.6
98	48.9	40.2	60.4

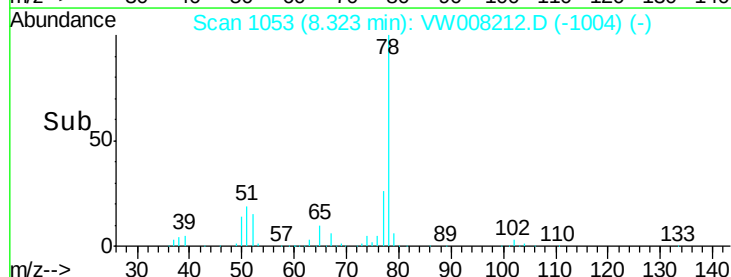
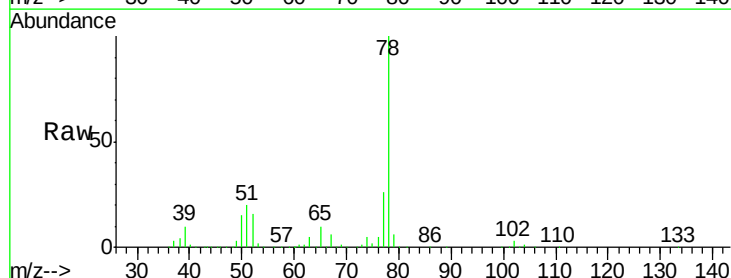
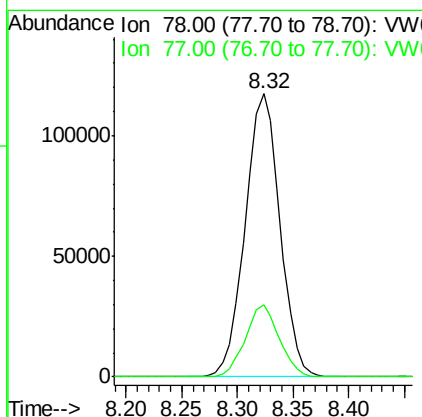
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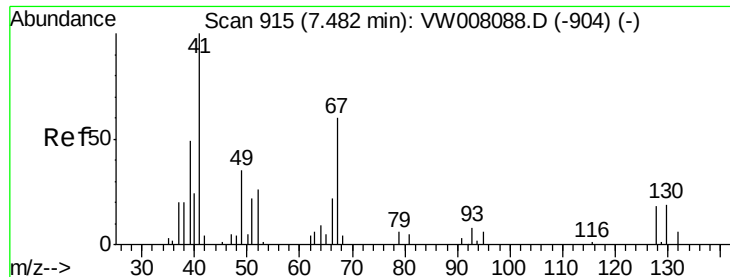
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#40
Benzene
Concen: 50.283 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	78.00	Resp	255504
Ion	Ratio	Lower	Upper
78	100		
77	25.7	20.2	30.4





#41

Methacrylonitrile

Concen: 52.919 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

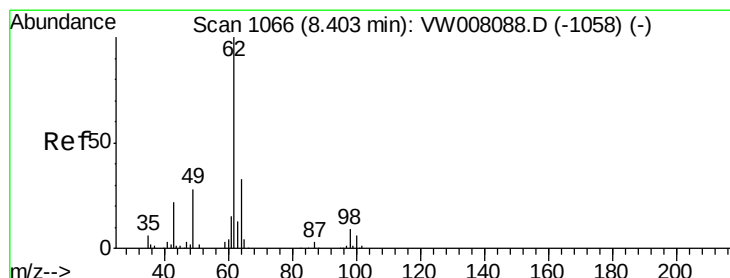
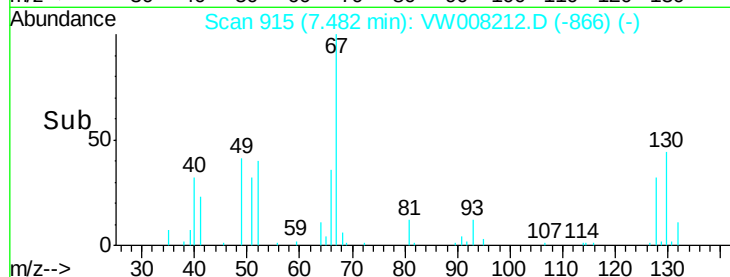
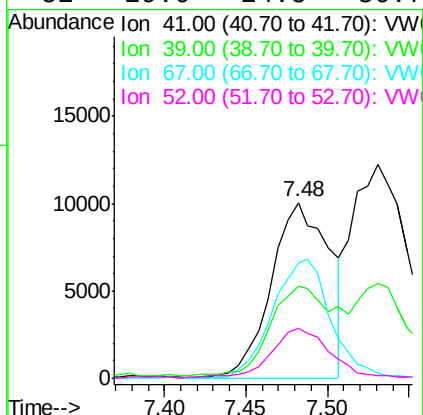
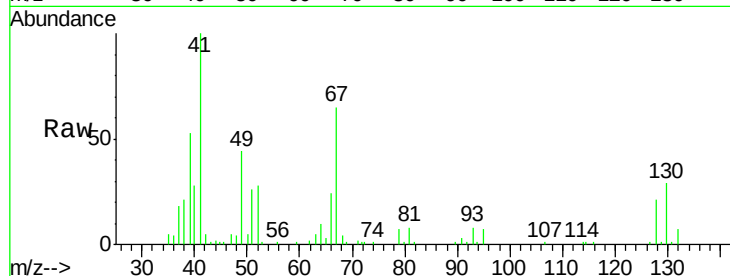
ClientSampleId :

VSTDCCC050EC

Tot Ion:	41	Resp:	25090
Ion	Ratio	Lower	Upper
41	100		
39	56.9	47.9	71.9
67	67.6	56.3	84.5
52	29.0	24.5	36.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.137 ug/l

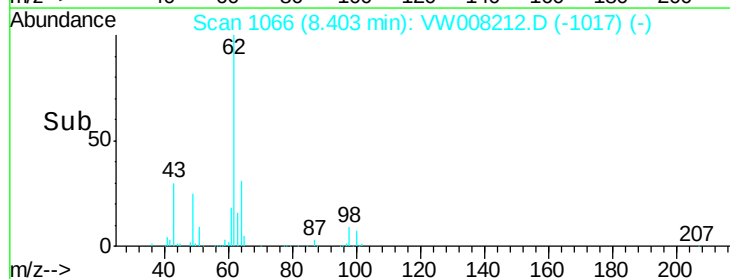
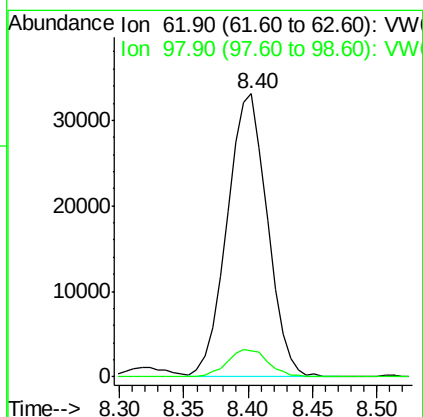
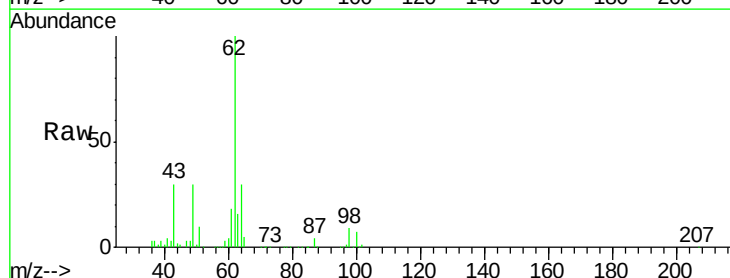
RT: 8.40 min Scan# 1066

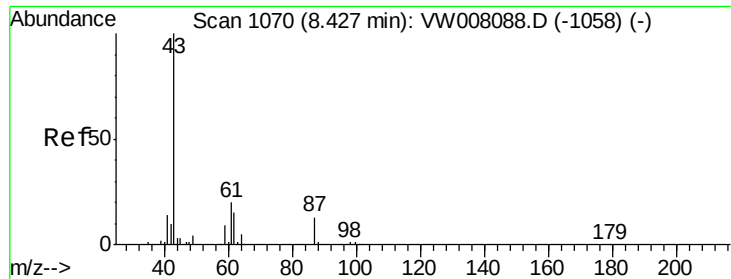
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	62	Resp:	71653
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





#43

Isopropyl Acetate

Concen: 50.709 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

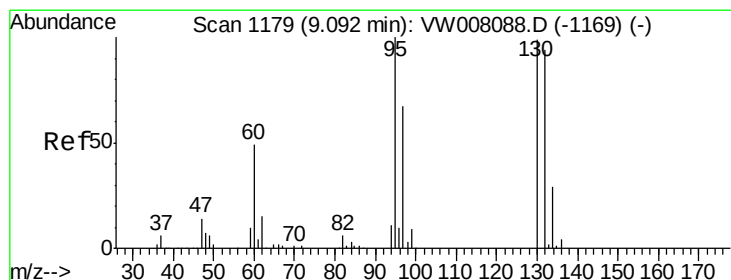
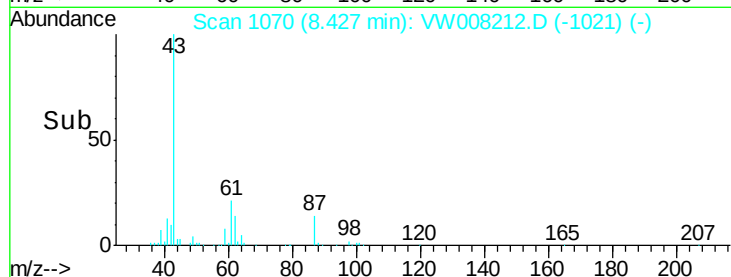
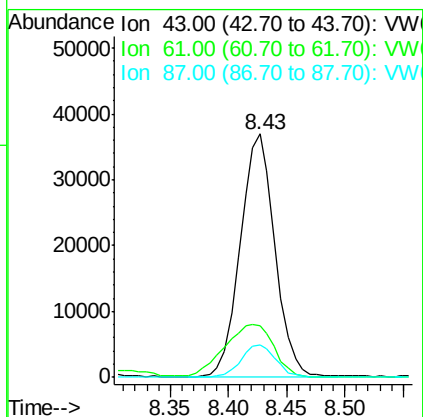
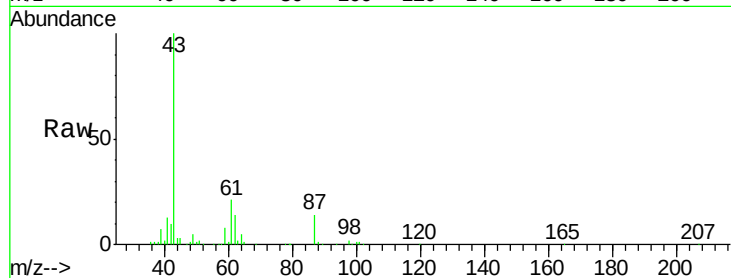
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	76097
Ion	Ratio	Lower	Upper
43	100		
61	31.3	24.8	37.2
87	13.6	10.4	15.6

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#44

Trichloroethene

Concen: 51.703 ug/l

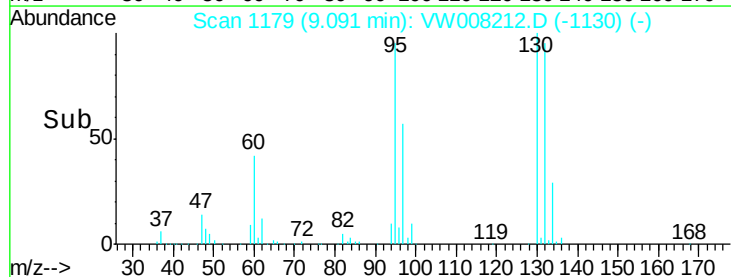
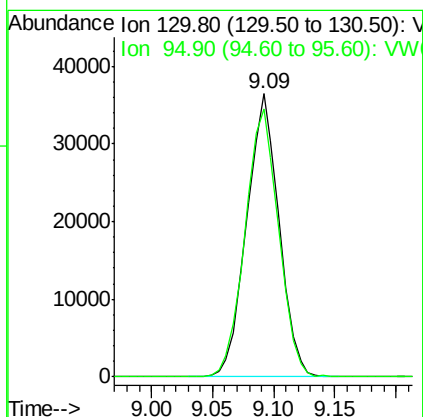
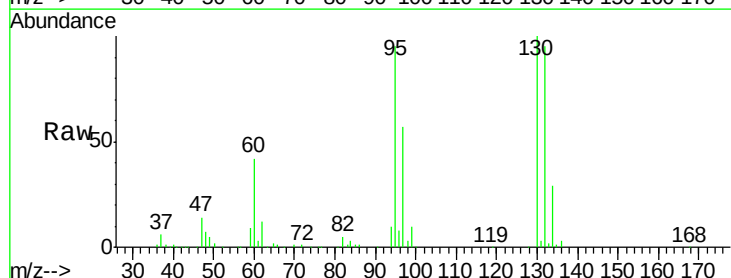
RT: 9.09 min Scan# 1179

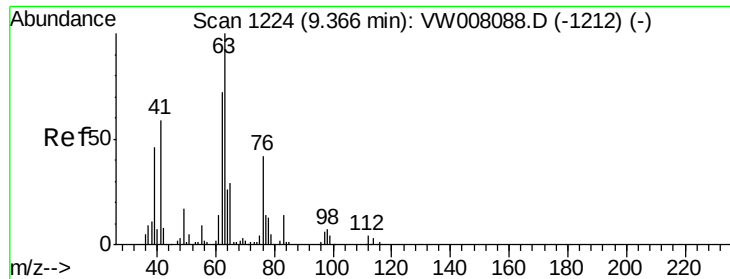
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	130	Resp:	67252
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	202.8





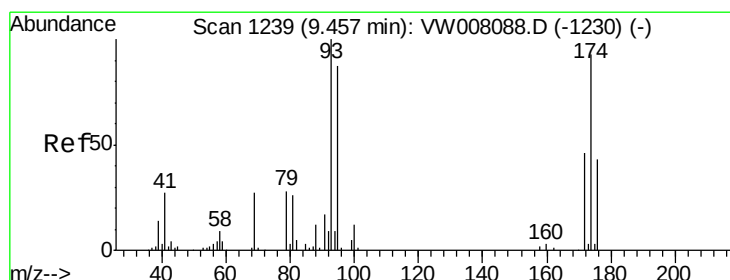
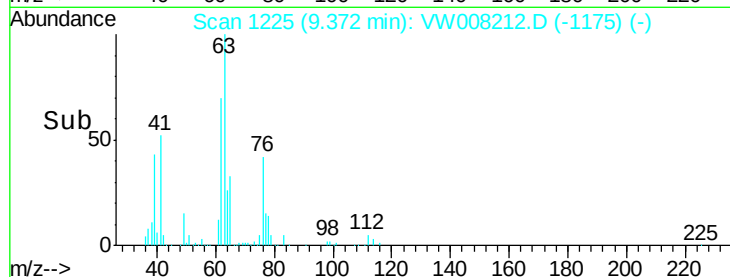
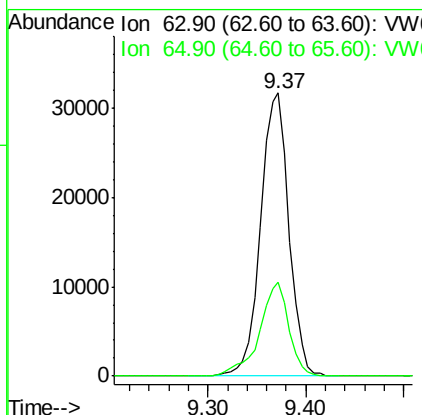
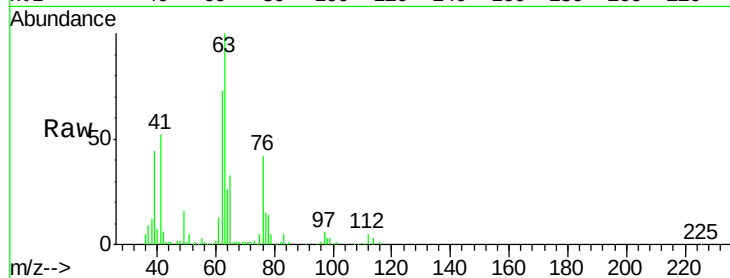
#45
 1,2-Dichloropropane
 Concen: 50.805 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.3	34.9

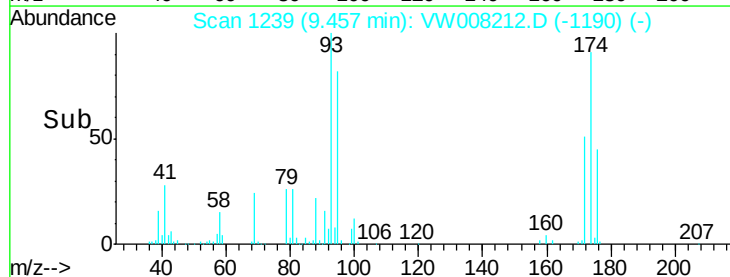
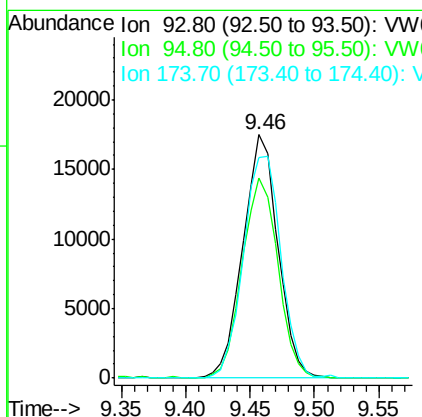
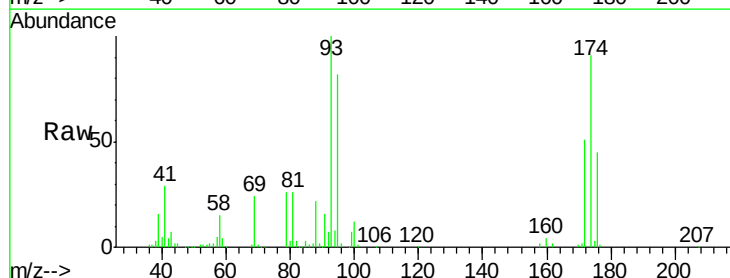
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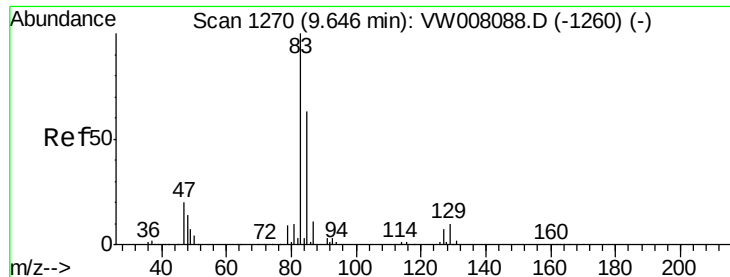
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#46
 Dibromomethane
 Concen: 53.263 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	67.5	101.3
174	97.9	72.5	108.7





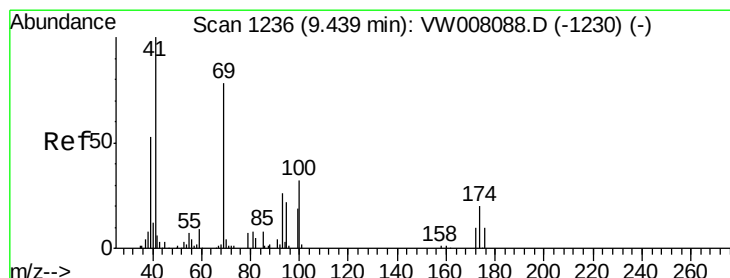
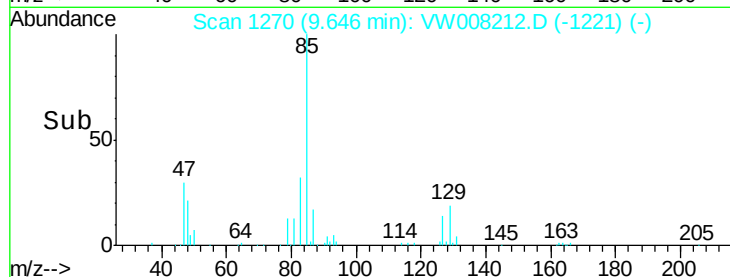
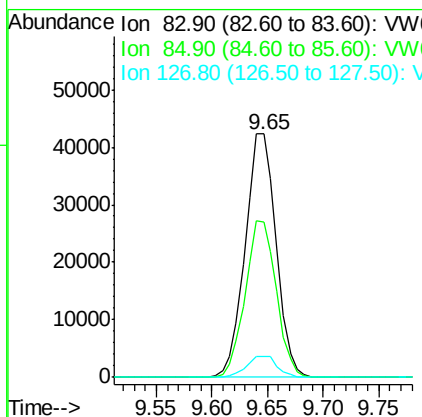
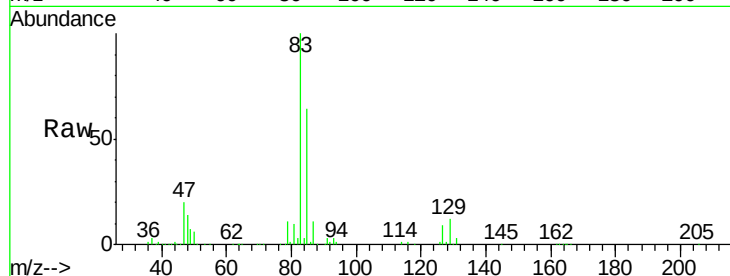
#47
Bromodichloromethane
Concen: 52.159 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	81950
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	50.7	76.1
127	8.7	6.0	9.0

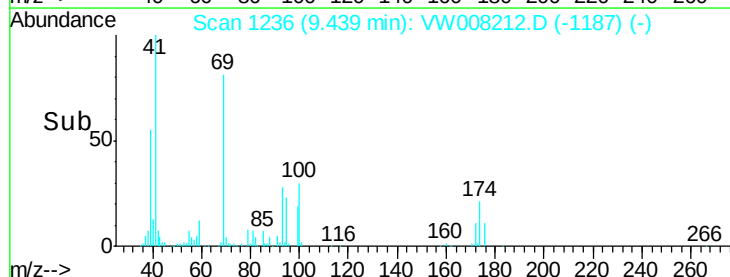
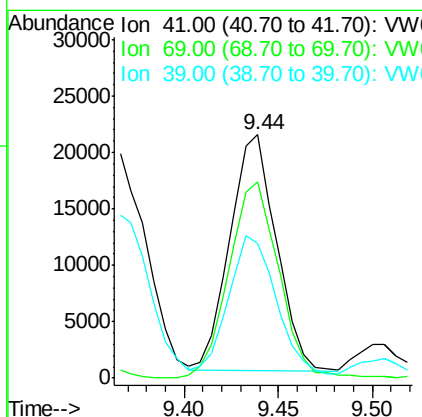
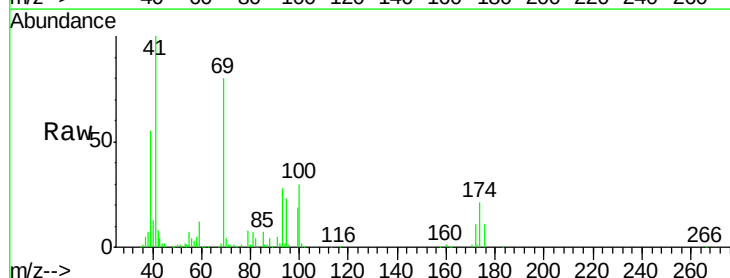
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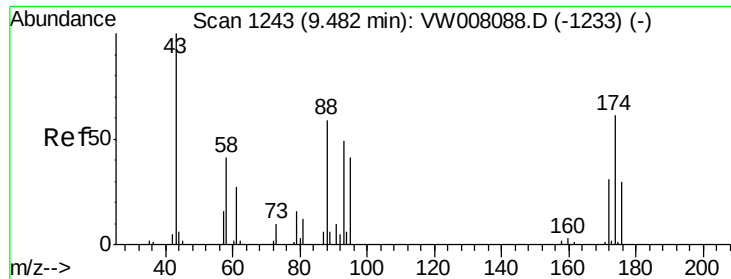
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#48
Methyl methacrylate
Concen: 50.483 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	41	Resp	35747
Ion Ratio	100	Lower	Upper
41	100		
69	90.1	61.9	92.9
39	59.6	43.0	64.4





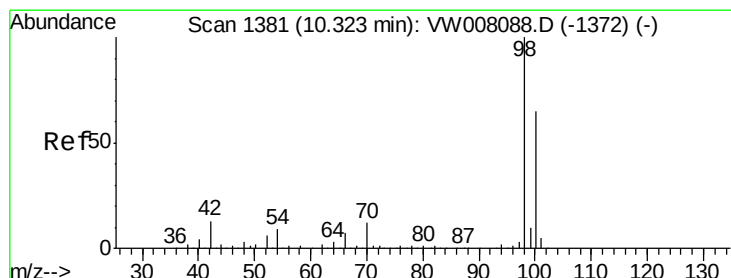
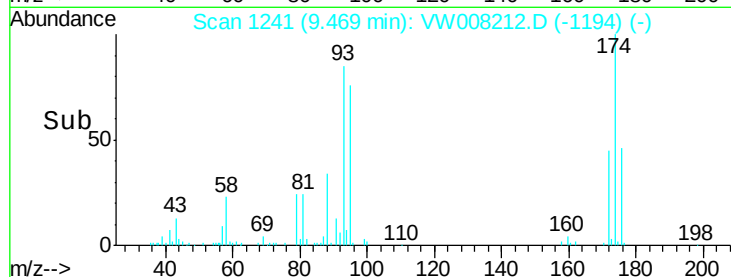
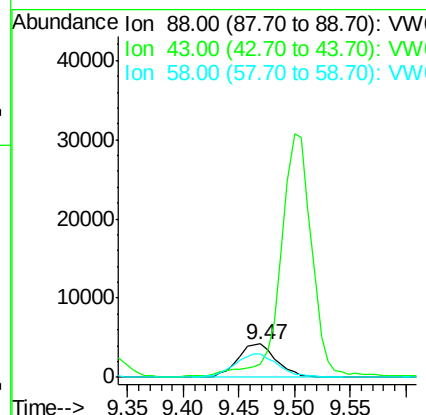
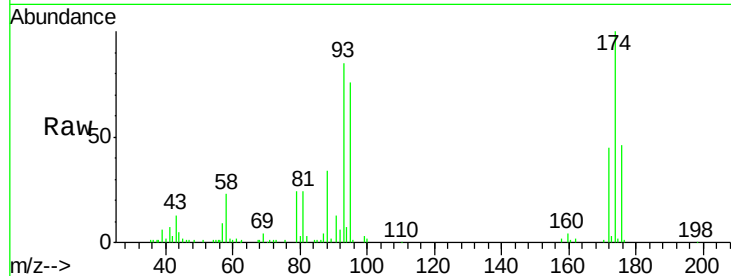
#49
1,4-Dioxane
Concen: 1040.213 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	10351
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	77.5	61.7	92.5

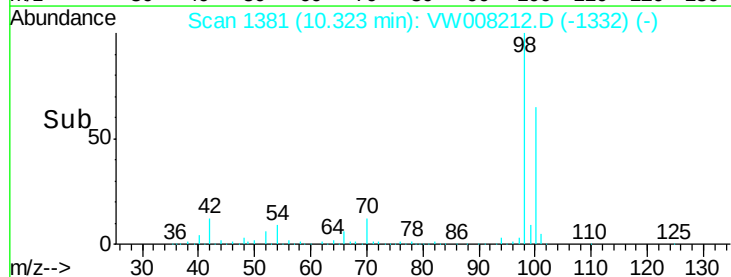
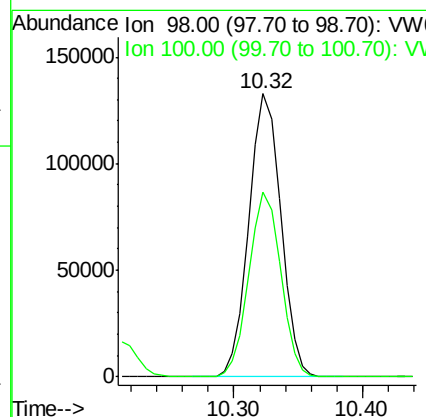
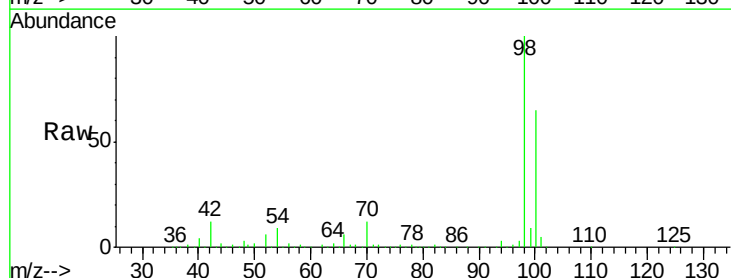
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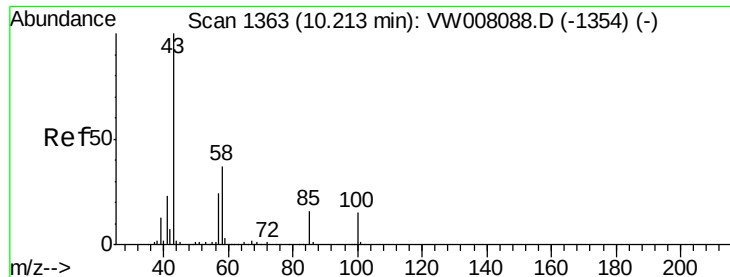
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#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	98	Resp	228131
Ion Ratio	Lower	Upper	
98	100		
100	65.2	51.7	77.5





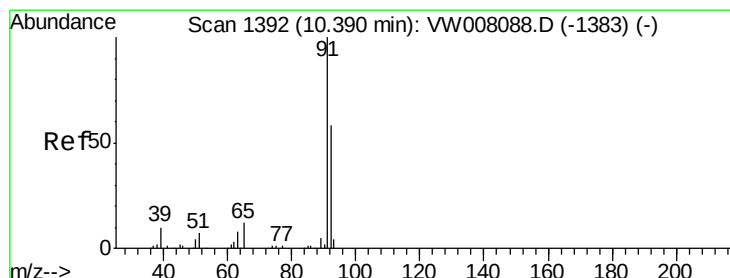
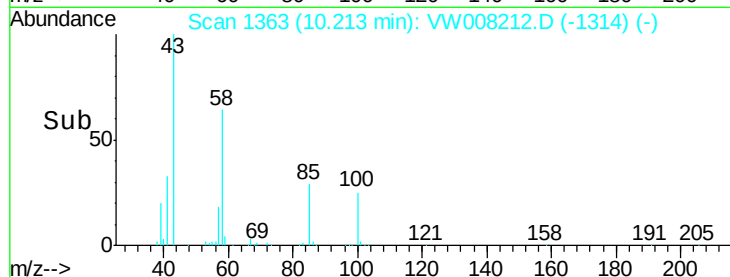
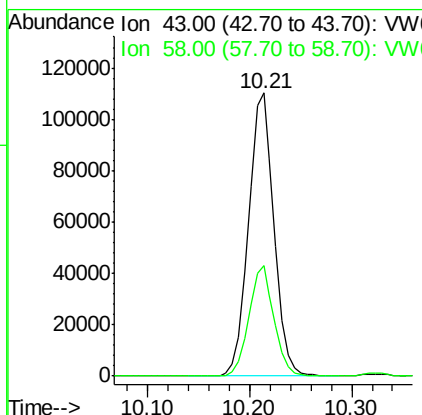
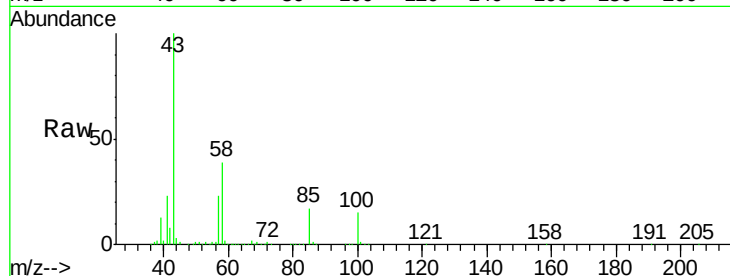
#51
 4-Methyl-2-Pentanone
 Concen: 263.962 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	191741
Ion Ratio	100	Lower	Upper
43	100		
58	38.3	30.6	46.0

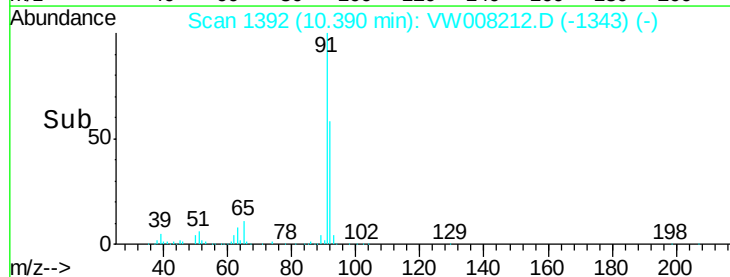
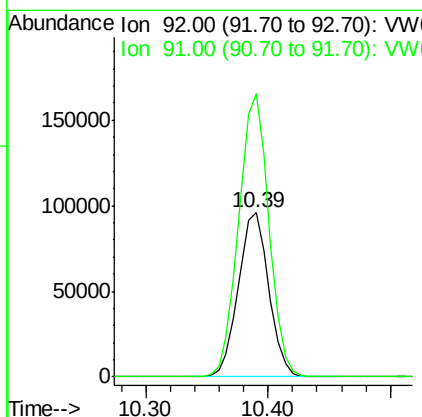
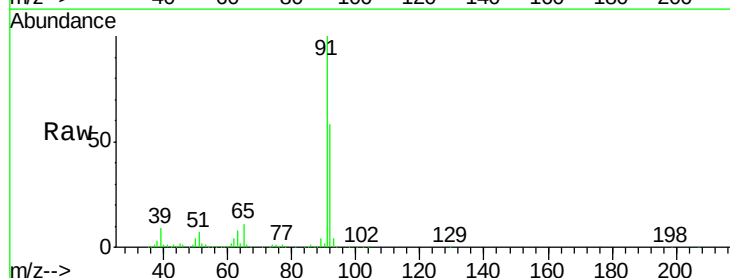
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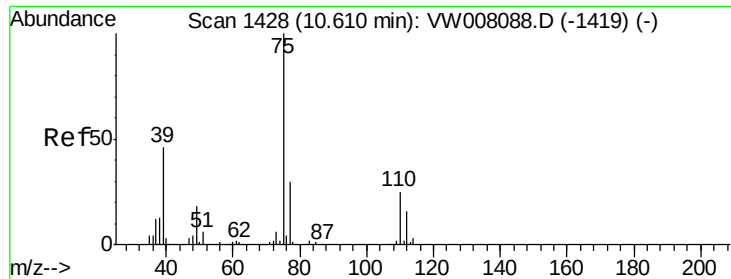
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#52
 Toluene
 Concen: 50.736 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	92	Resp	164645
Ion Ratio	100	Lower	Upper
92	100		
91	171.9	137.0	205.4





#53

t-1,3-Dichloropropene

Concen: 51.135 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 83569

Ion Ratio Lower Upper

75 100

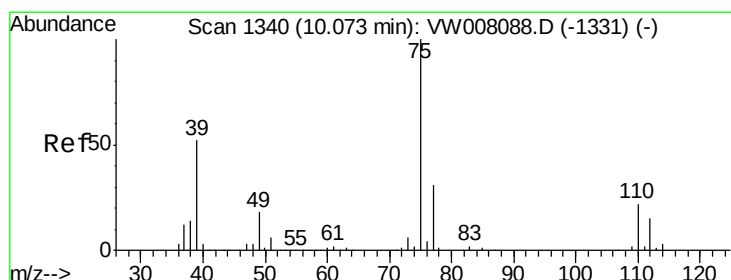
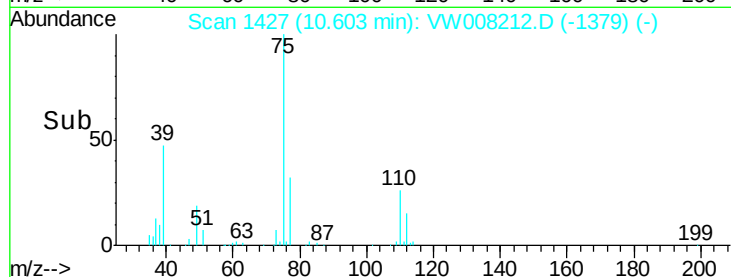
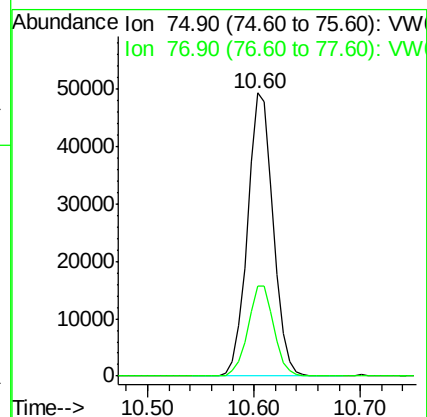
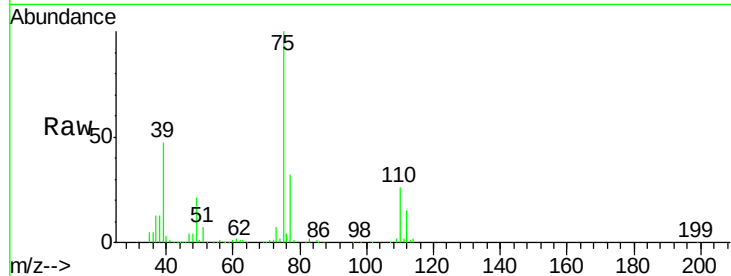
77 31.7 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 50.781 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

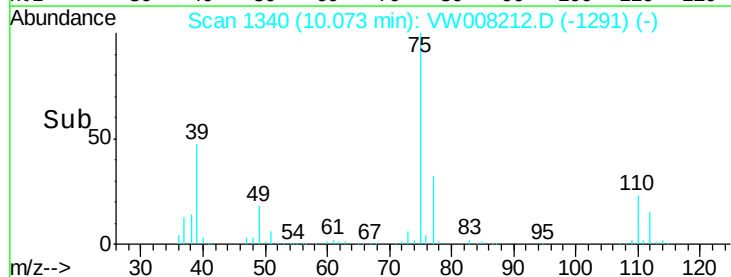
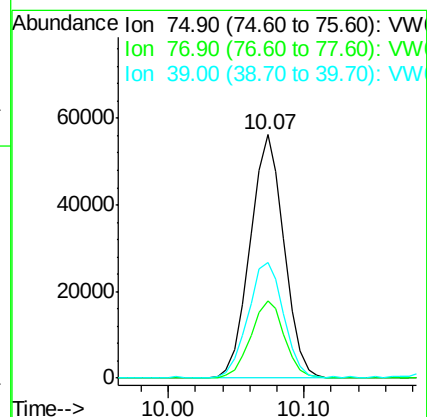
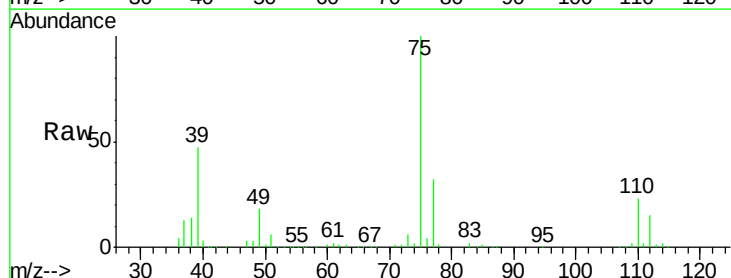
Tgt Ion: 75 Resp: 98413

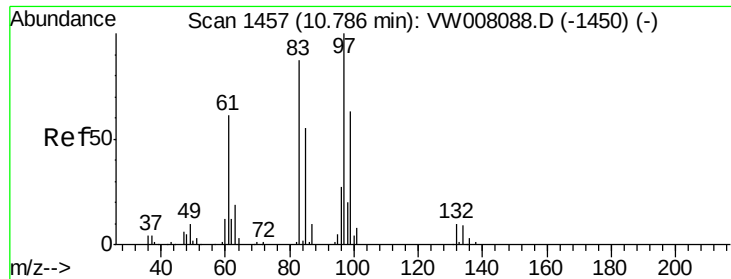
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 47.1 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 53.750 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

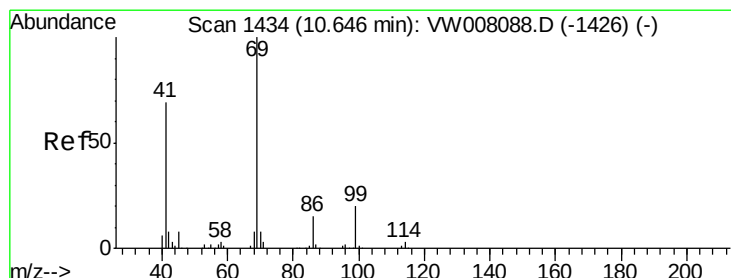
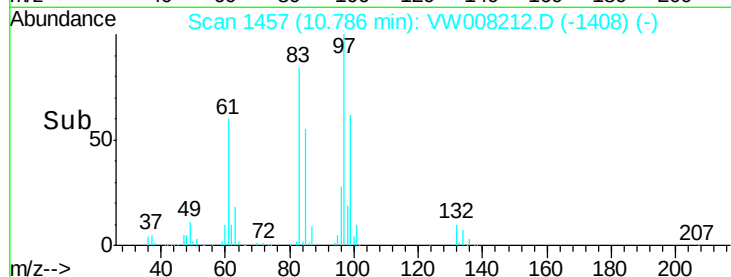
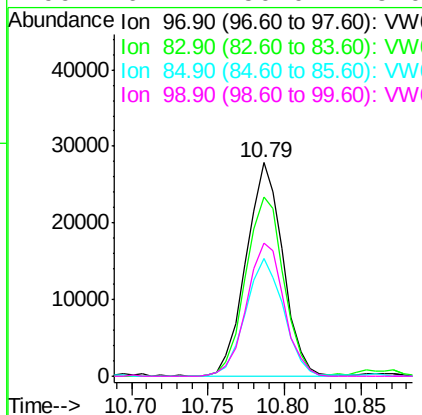
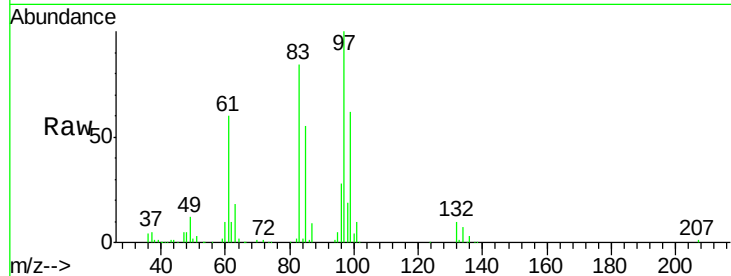
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	46695
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	55.0	43.8	65.6
99	62.2	50.0	75.0

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#56

Ethyl methacrylate

Concen: 55.929 ug/l

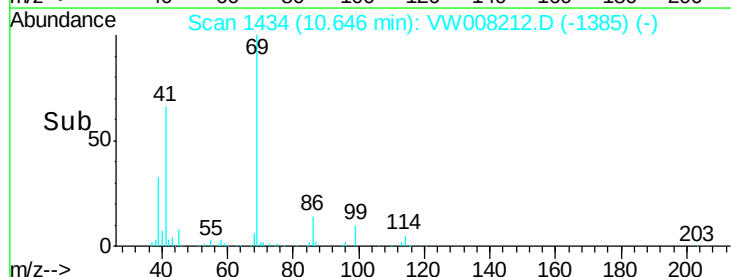
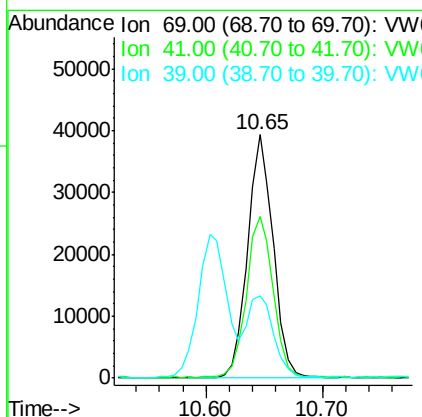
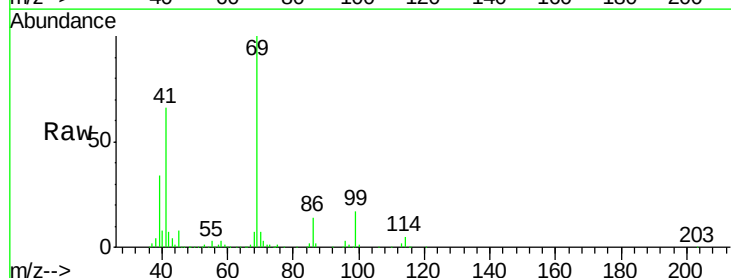
RT: 10.65 min Scan# 1434

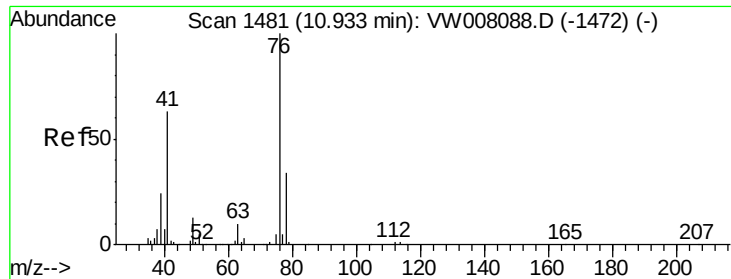
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	69	Resp:	60172
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.4	84.6
39	34.8	28.1	42.1





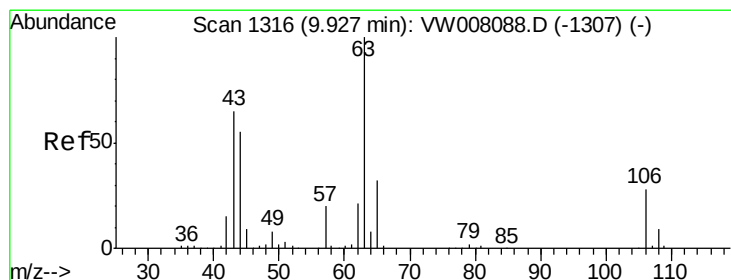
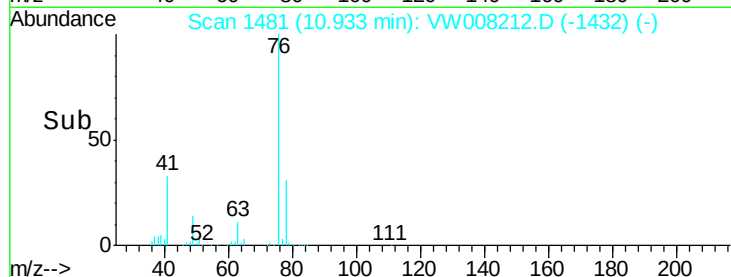
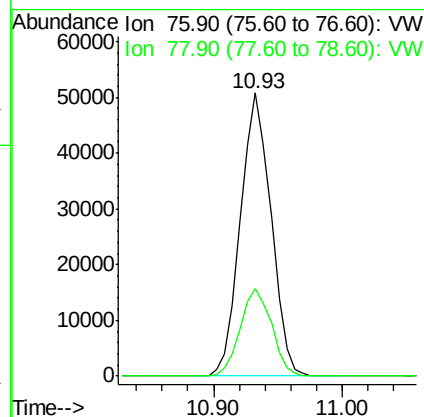
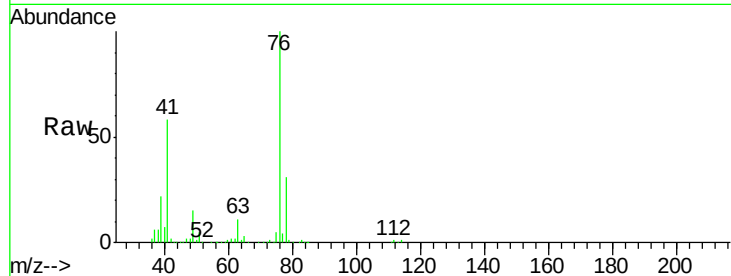
#57
 1,3-Dichloropropane
 Concen: 52.656 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.7	38.5

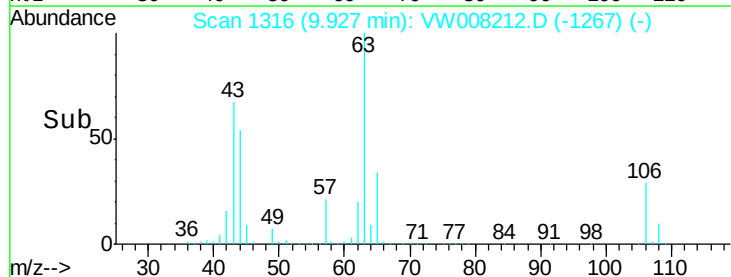
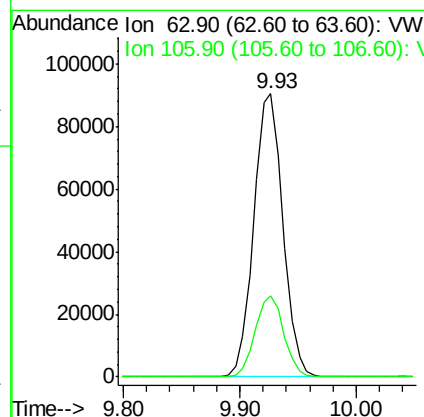
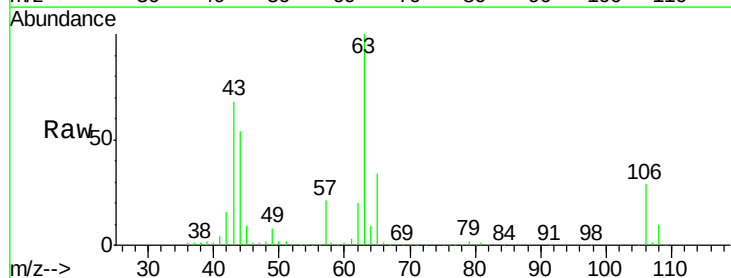
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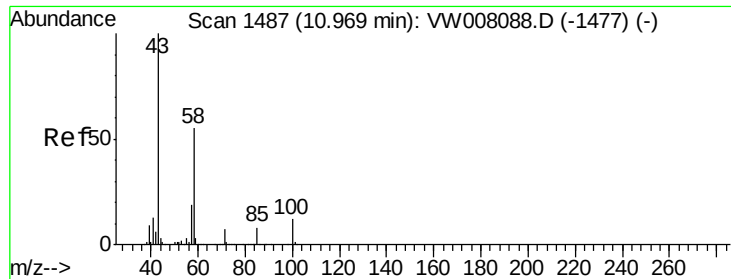
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#58
 2-Chloroethyl Vinyl ether
 Concen: 282.707 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.8	32.6





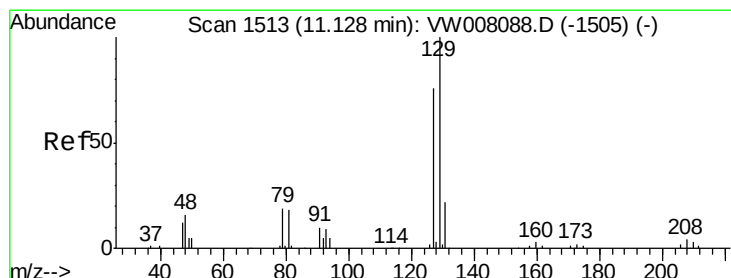
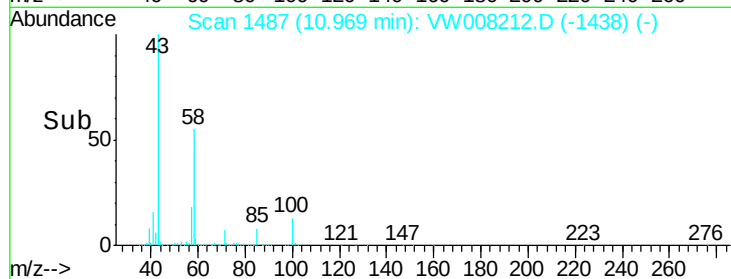
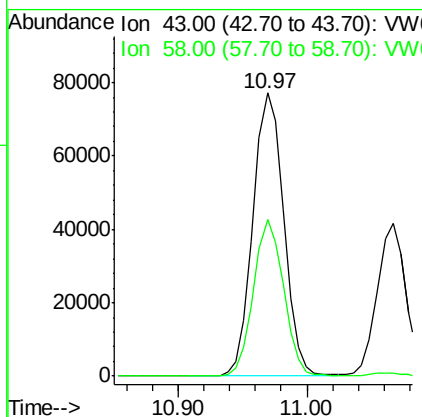
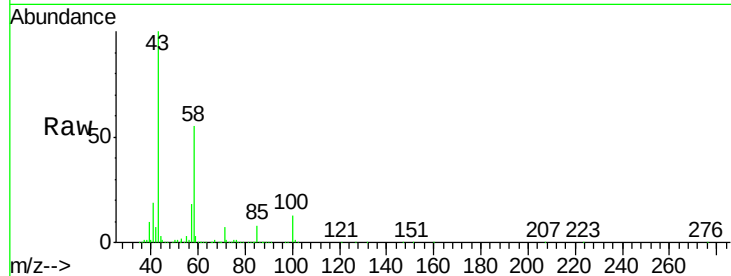
#59
2-Hexanone
Concen: 258.705 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 127082
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5

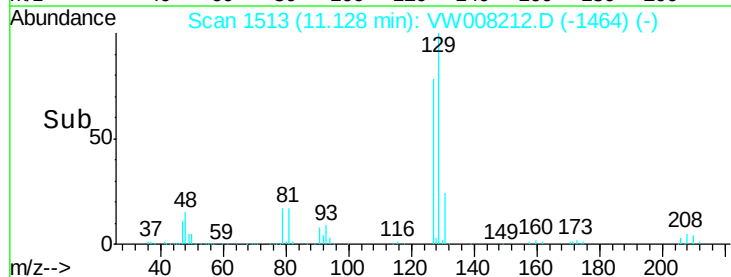
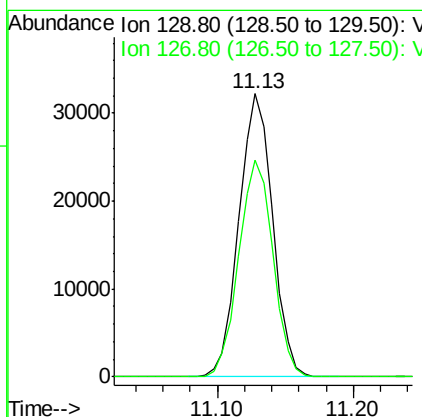
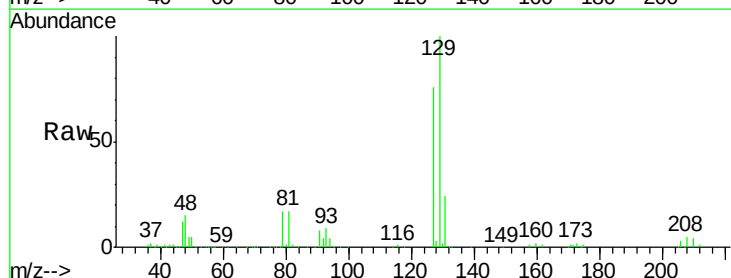
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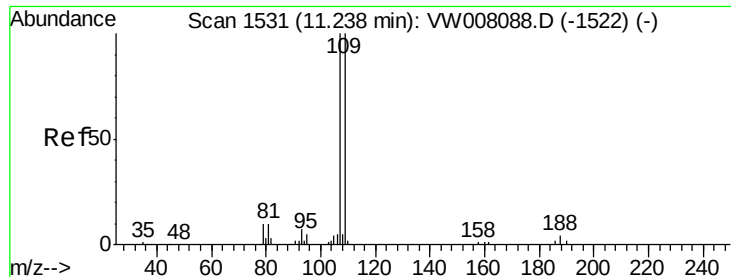
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#60
Dibromochloromethane
Concen: 58.494 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 129 Resp: 55802
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 55.174 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 45481

Ion Ratio Lower Upper

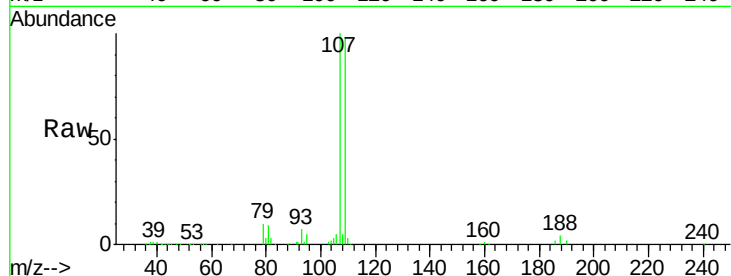
107 100

109 95.1 75.9 113.9

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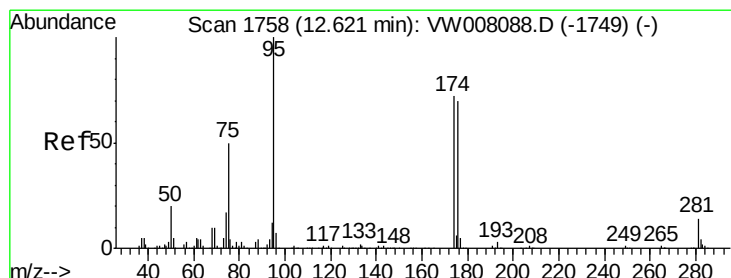
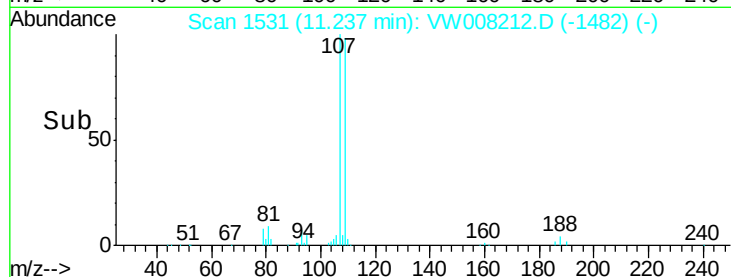
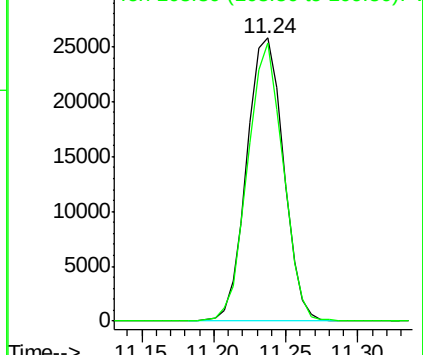
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.199 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

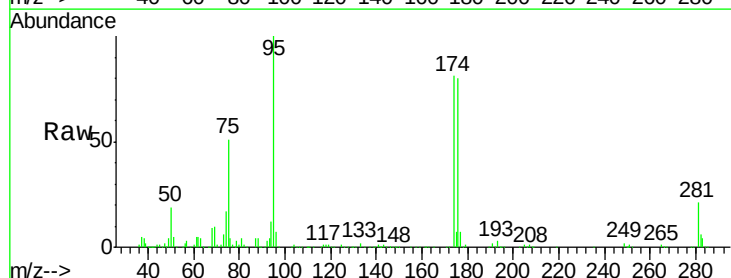
Tgt Ion: 95 Resp: 78510

Ion Ratio Lower Upper

95 100

174 80.9 0.0 143.0

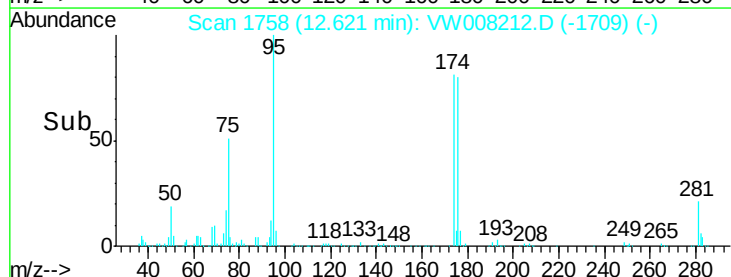
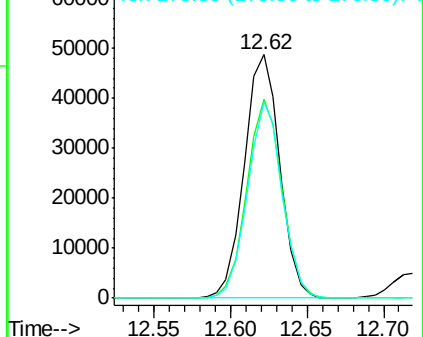
176 78.3 0.0 140.2

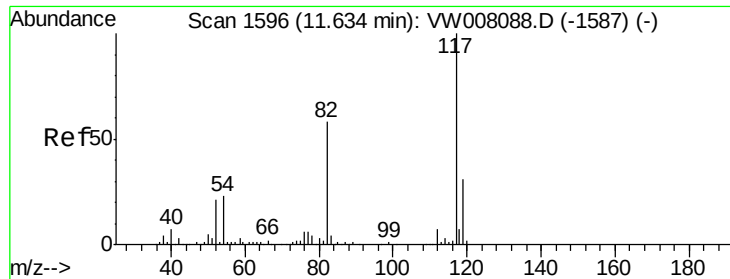


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





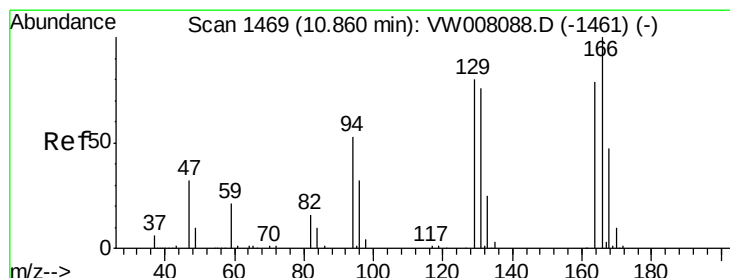
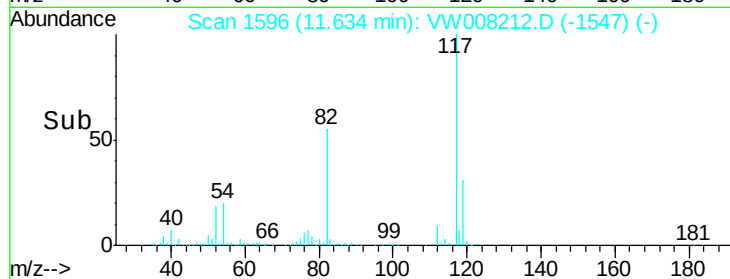
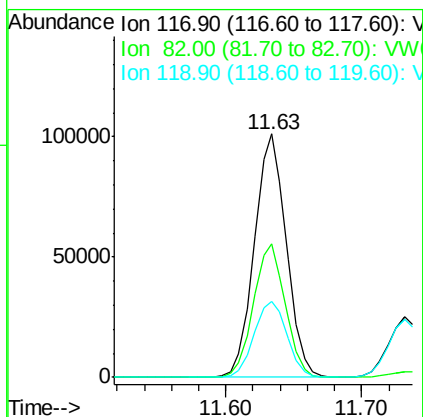
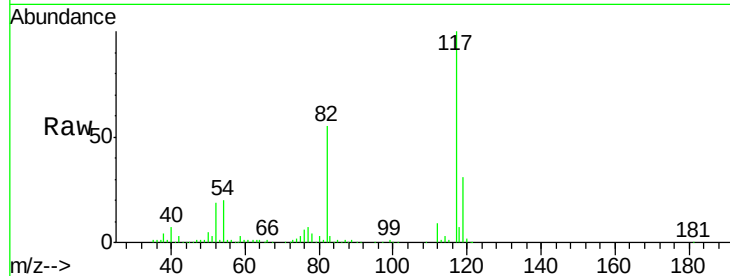
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.4	69.6
119	31.0	24.7	37.1

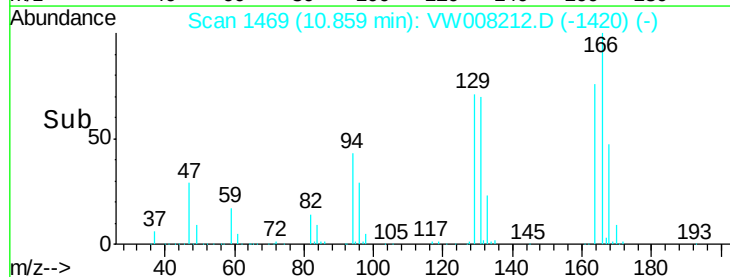
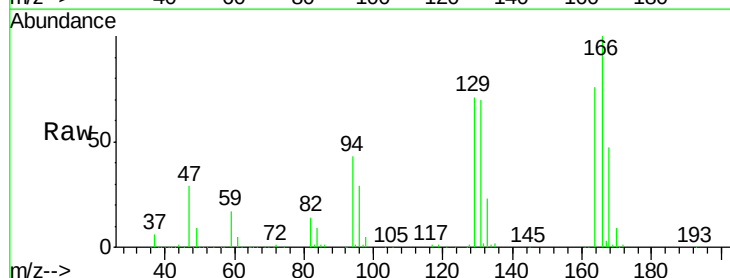
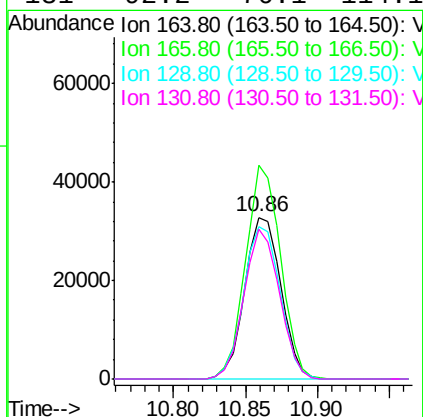
Manual Integrations
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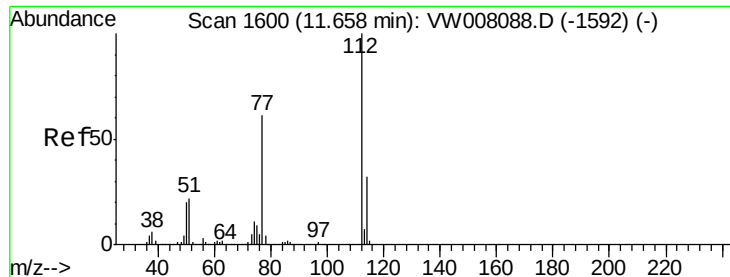
apatel
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#64
Tetrachloroethene
Concen: 52.816 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	100.7	151.1
129	94.2	81.0	121.4
131	92.2	76.1	114.1





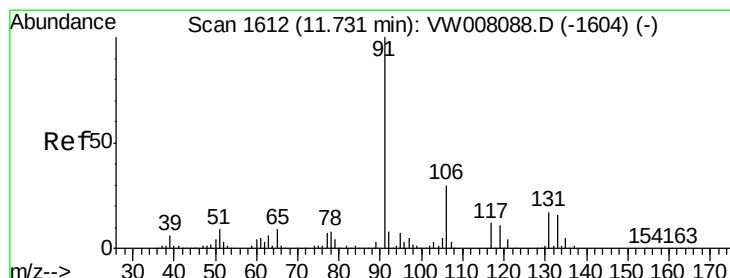
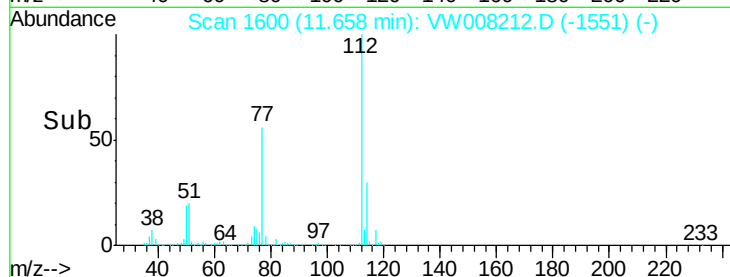
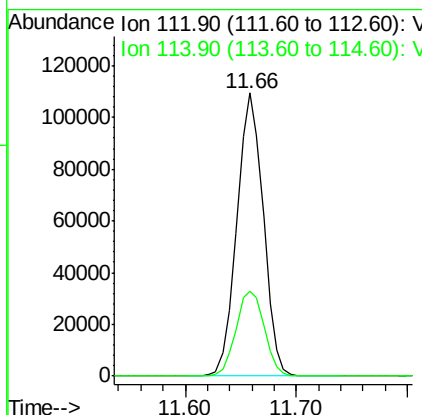
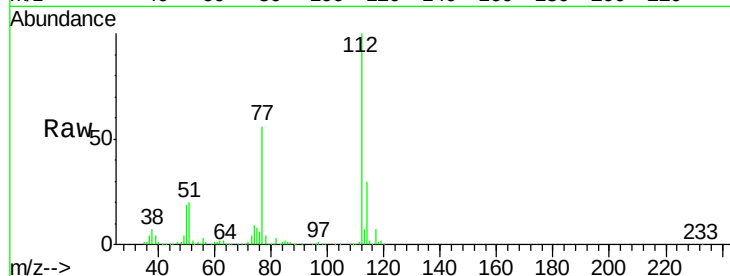
#65
Chlorobenzene
Concen: 50.853 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.6	38.4

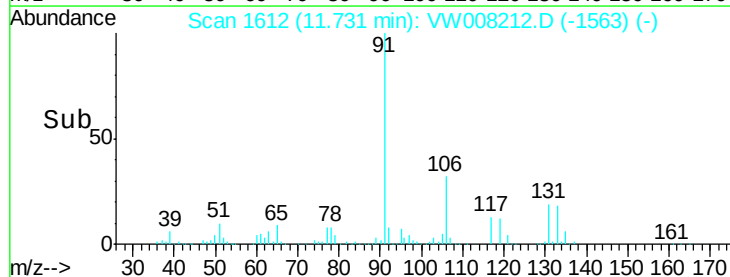
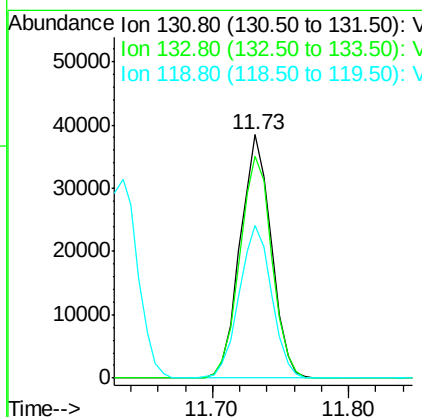
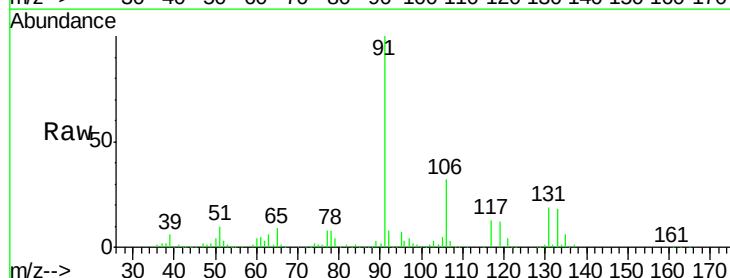
Manual Integrations
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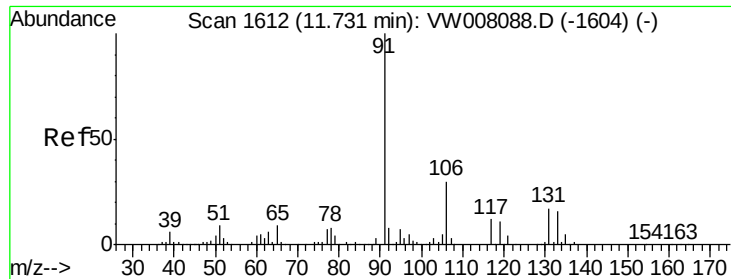
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.589 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.9	143.7
119	65.4	32.5	97.4





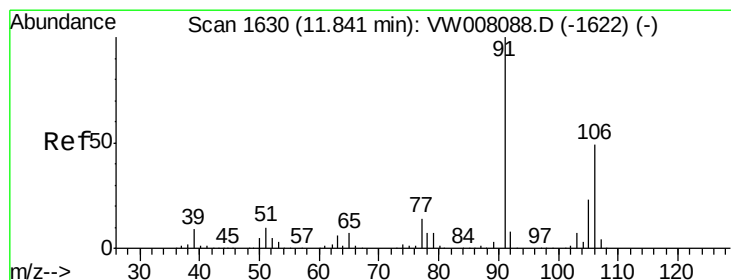
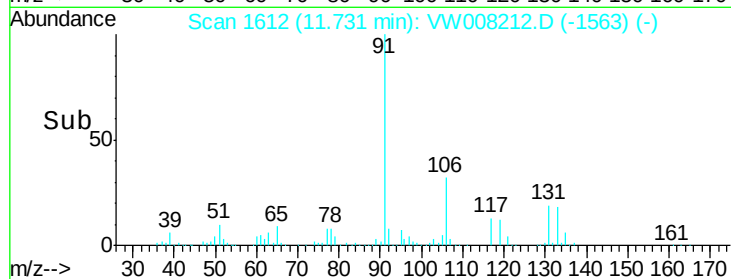
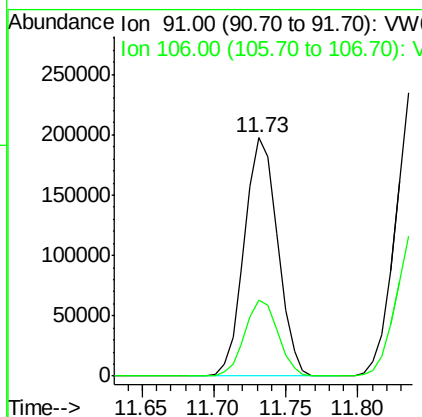
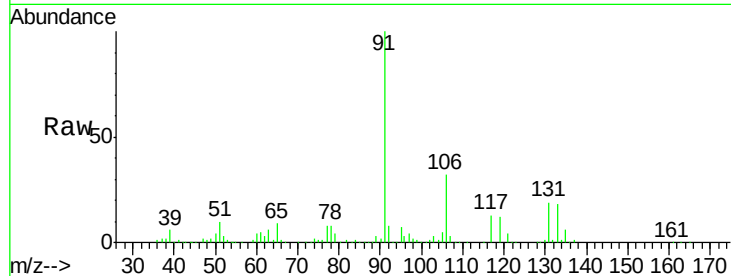
#67
Ethyl Benzene
Concen: 49.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 316949
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4

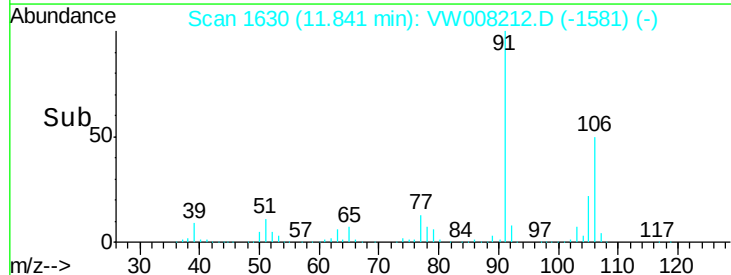
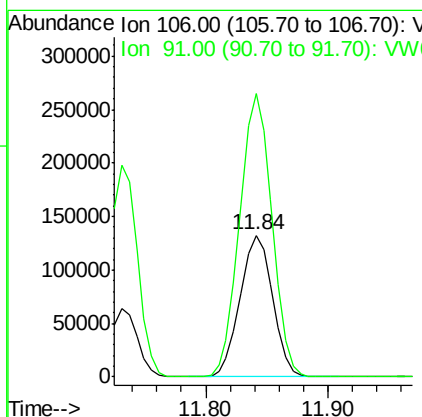
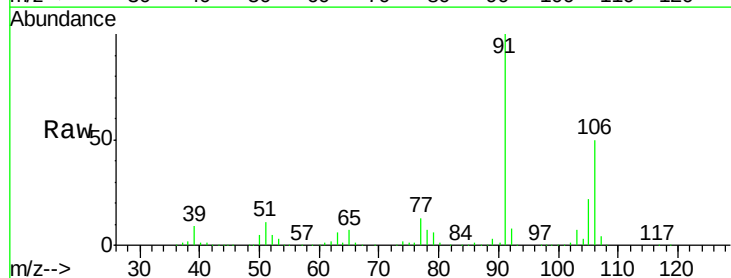
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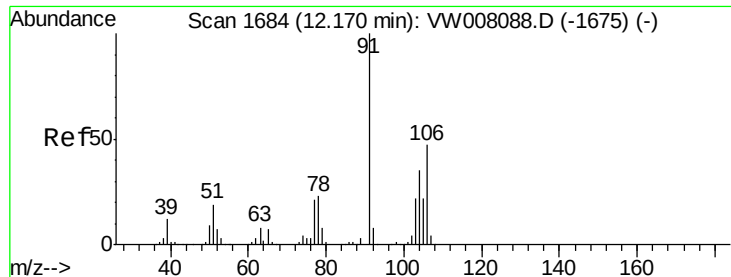
apatel
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#68
m/p-Xylenes
Concen: 99.681 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 106 Resp: 245477
Ion Ratio Lower Upper
106 100
91 198.2 162.4 243.6





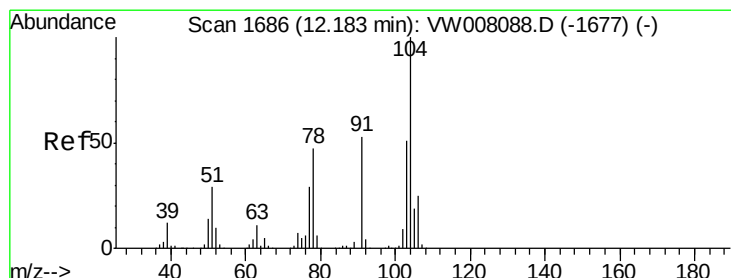
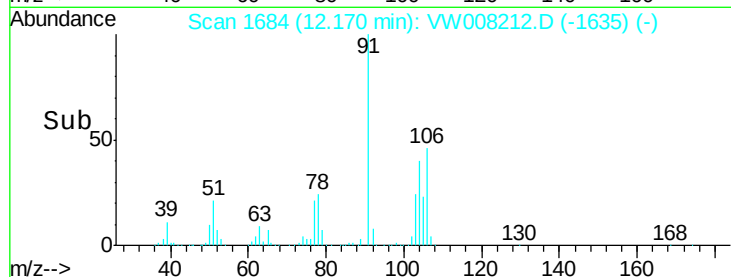
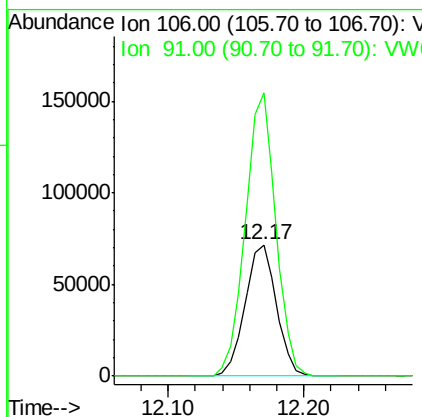
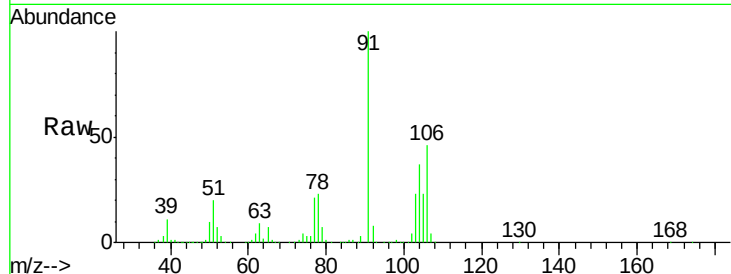
#69
o-Xylene
Concen: 50.685 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.8	107.8	323.6

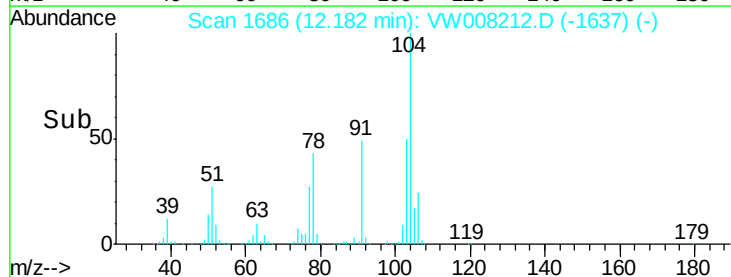
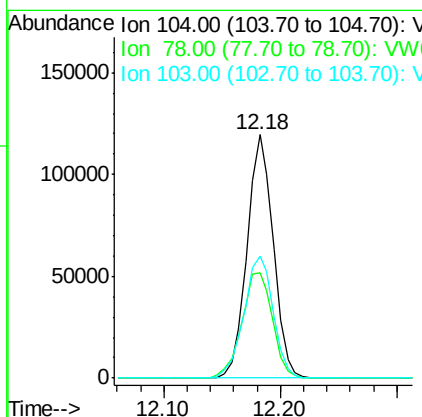
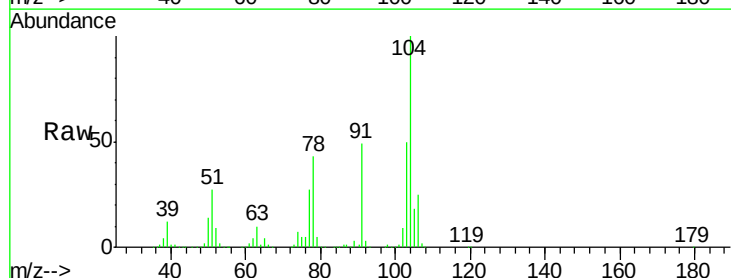
Manual Integrations
APPROVED

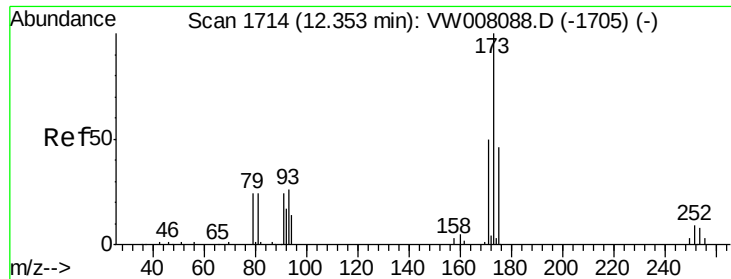
apatel
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#70
Styrene
Concen: 52.682 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	41.8	62.8
103	55.5	43.8	65.8





#71

Bromoform

Concen: 58.765 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

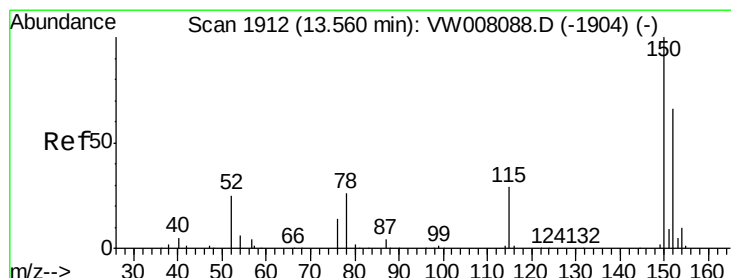
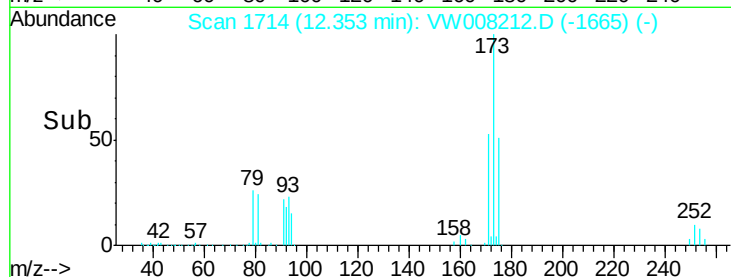
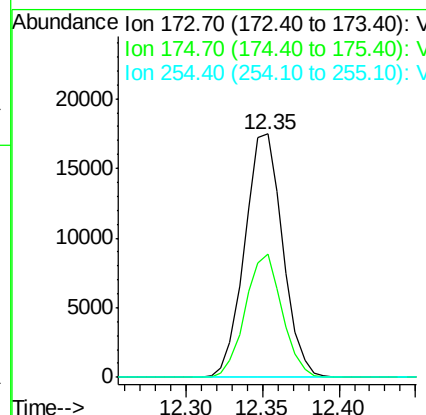
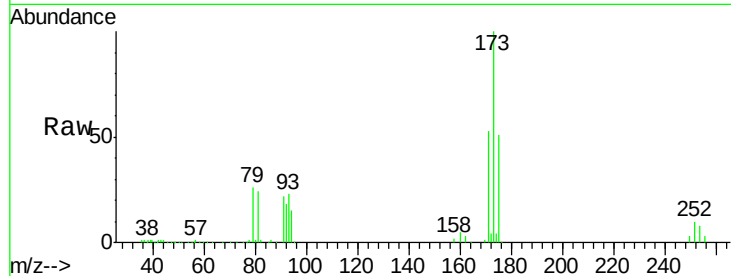
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	30164
Ion Ratio	Lower	Upper	
173	100		
175	48.9	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

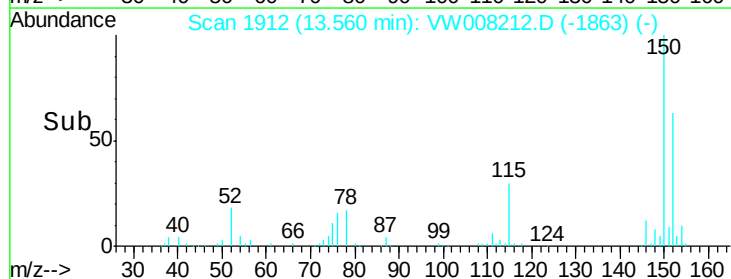
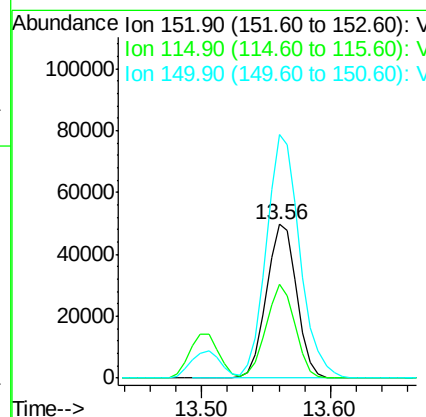
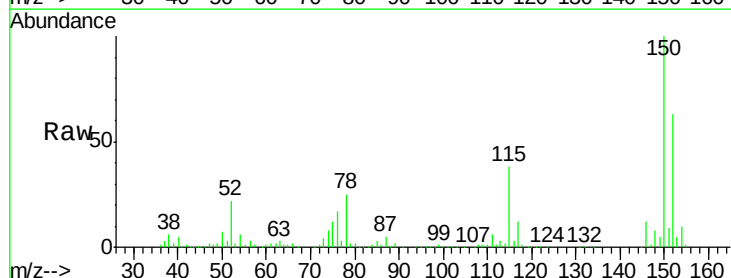
RT: 13.56 min Scan# 1912

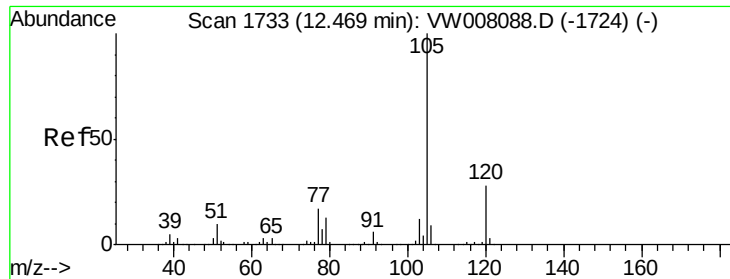
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	152	Resp:	80638
Ion Ratio	Lower	Upper	
152	100		
115	58.5	30.8	92.4
150	174.7	0.0	350.2





#73

Isopropylbenzene

Concen: 49.368 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 312542

Ion Ratio Lower Upper

105 100

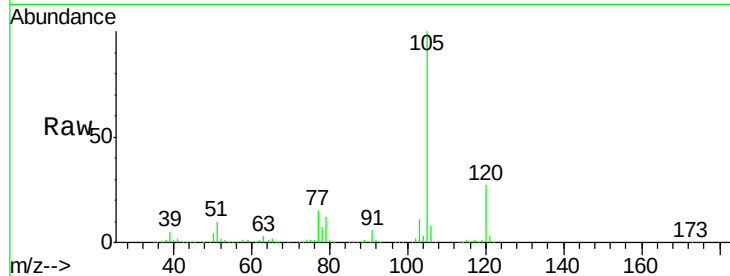
120 27.3 13.6 40.8

Manual Integrations

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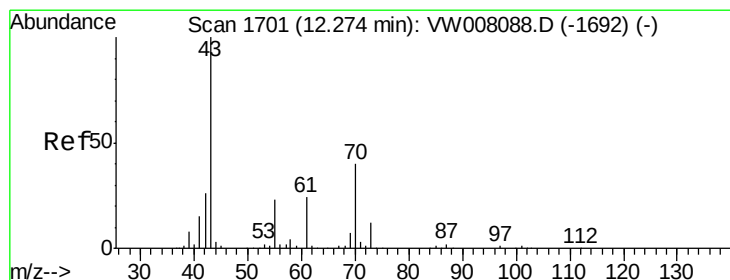
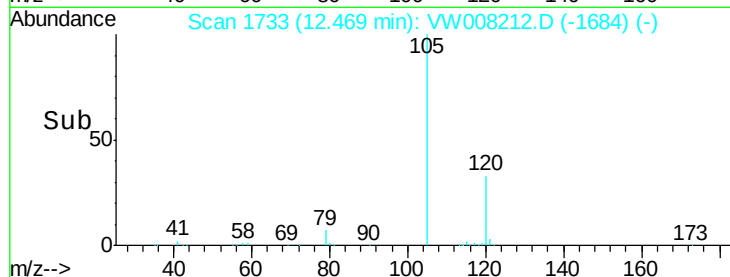
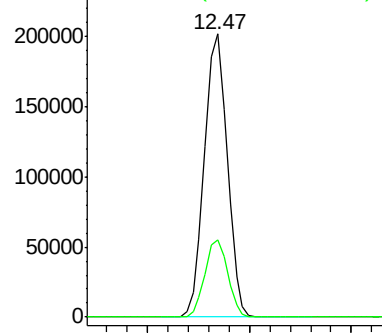
apatel

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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: 50.480 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion: 43 Resp: 70773

Ion Ratio Lower Upper

43 100

70 41.3 32.4 48.6

55 24.2 18.7 28.1

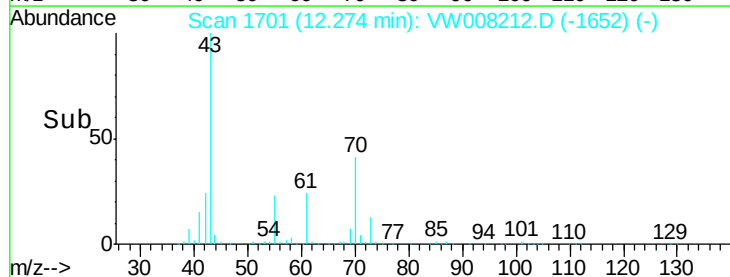
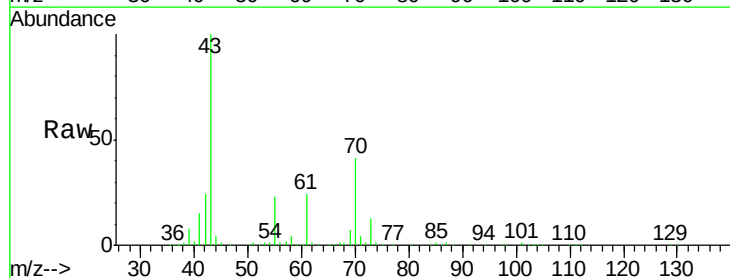
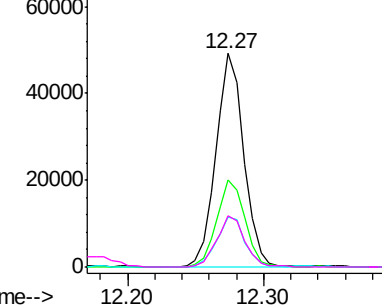
61 24.0 19.0 28.6

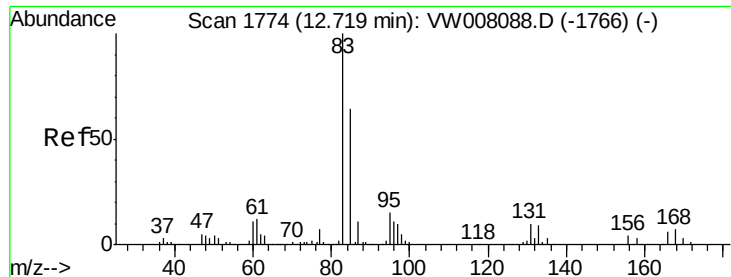
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 52.707 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

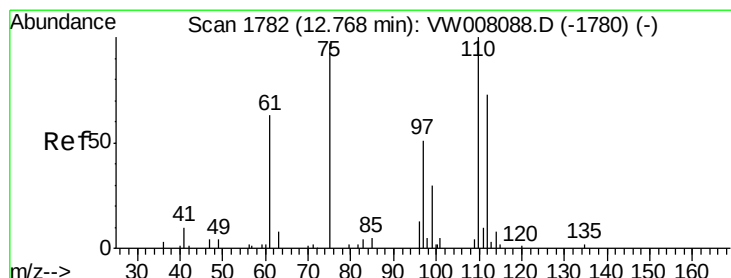
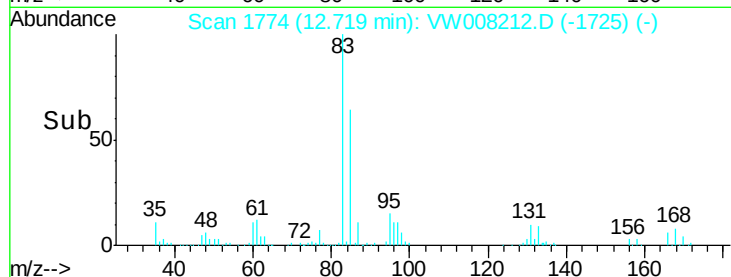
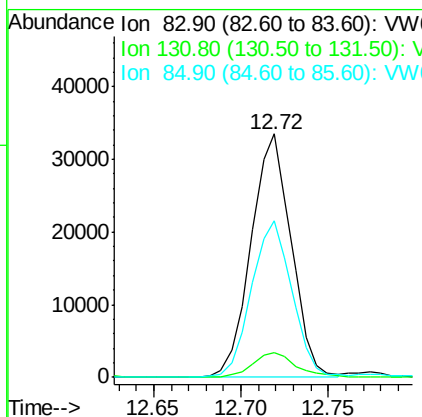
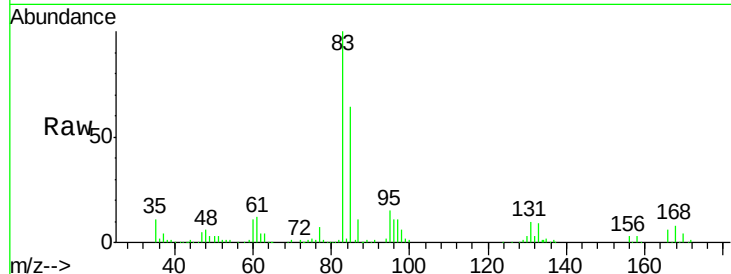
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	53410
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	65.1	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.156 ug/l m

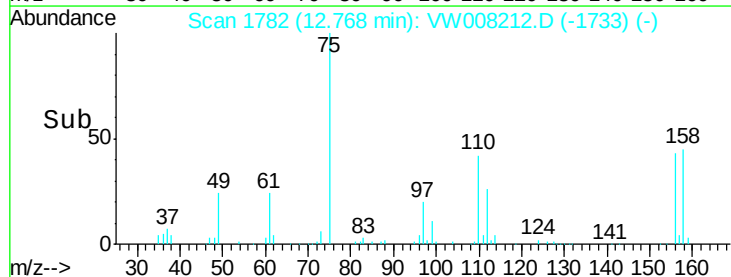
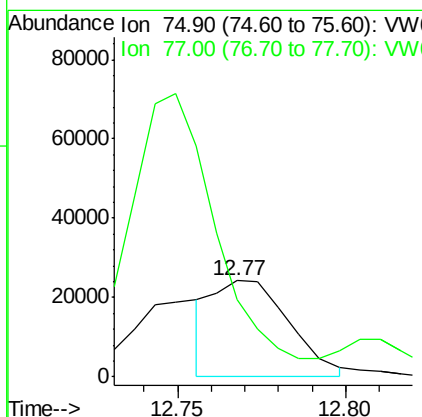
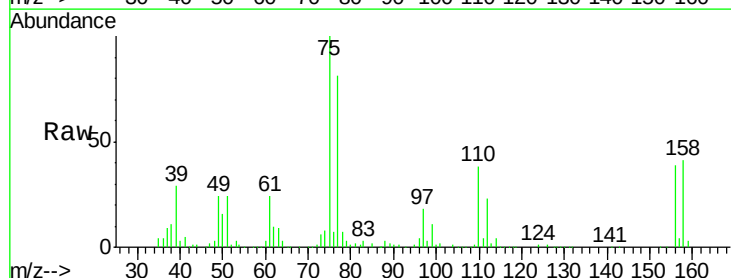
RT: 12.77 min Scan# 1782

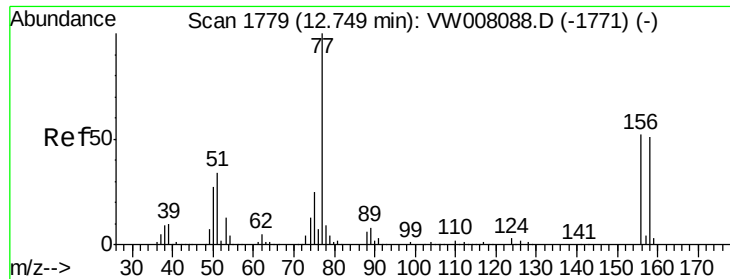
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	75	Resp:	38340
Ion	Ratio	Lower	Upper
75	100		
77	345.4	179.4	538.2





#77

Bromobenzene

Concen: 53.599 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 71699

Ion Ratio Lower Upper

156 100

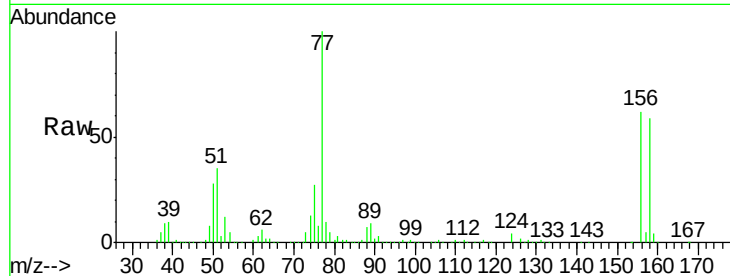
77 184.7 104.2 312.5

158 96.8 47.9 143.6

Manual Integrations
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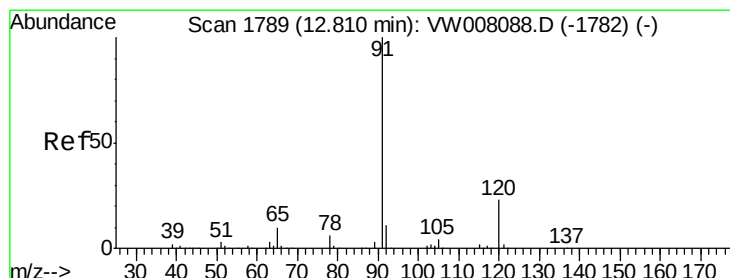
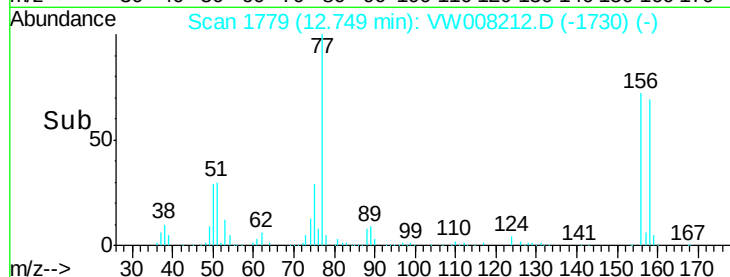
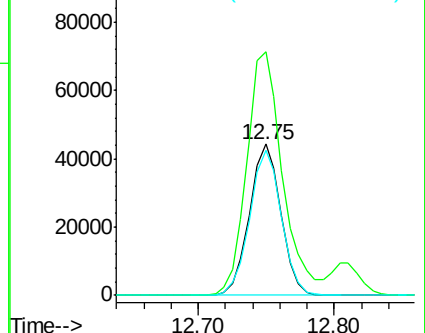
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.021 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008212.D

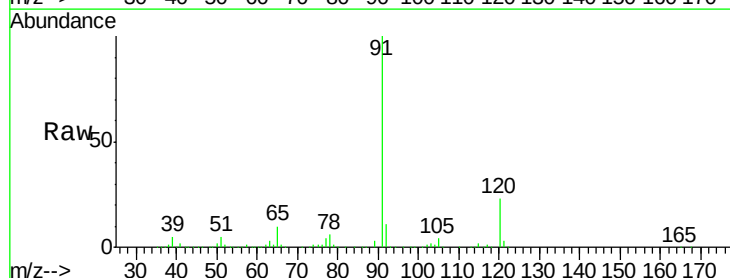
Acq: 11 Jan 2019 23:42

Tgt Ion: 91 Resp: 372498

Ion Ratio Lower Upper

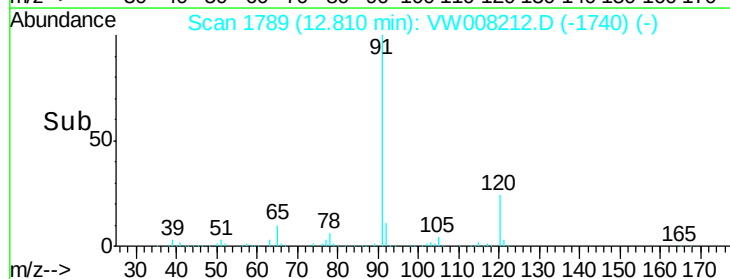
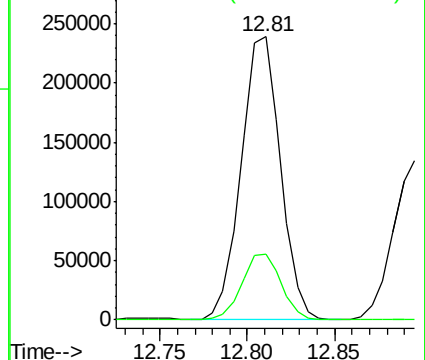
91 100

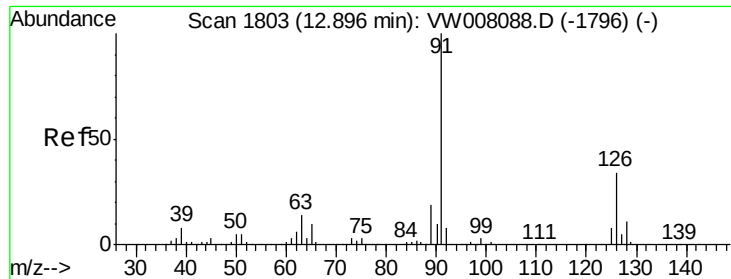
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.658 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 210576

Ion Ratio Lower Upper

91 100

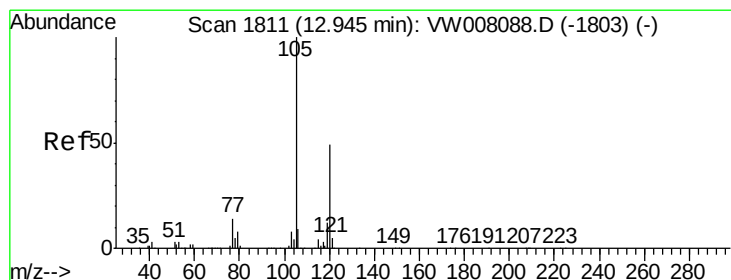
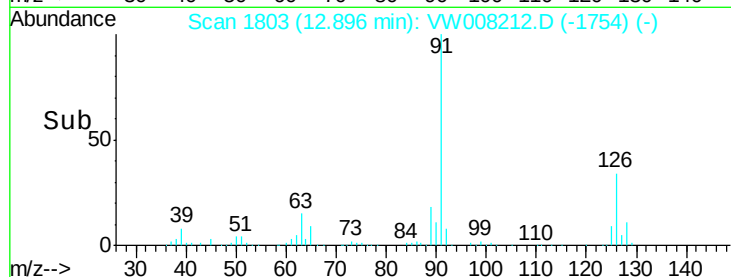
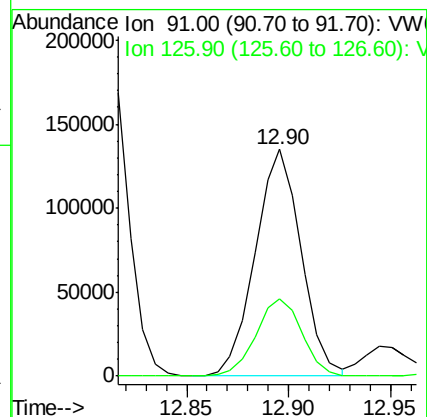
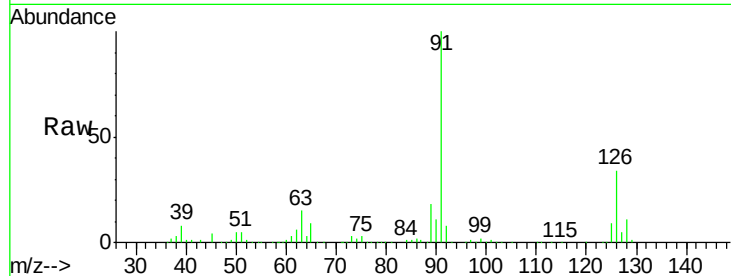
126 34.7 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 49.277 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008212.D

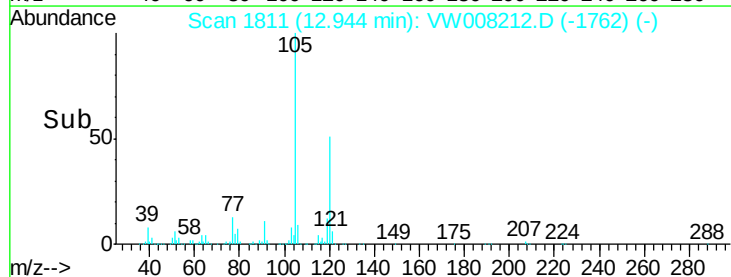
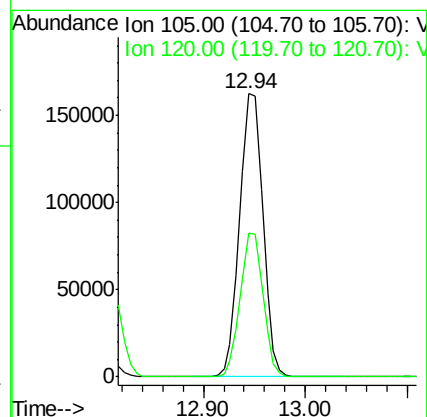
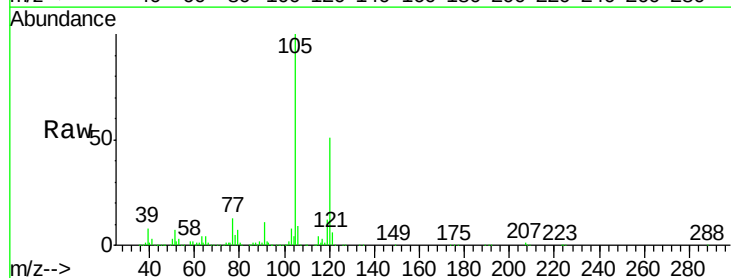
Acq: 11 Jan 2019 23:42

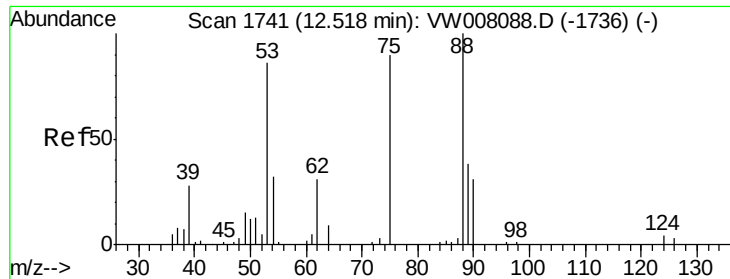
Tgt Ion: 105 Resp: 256359

Ion Ratio Lower Upper

105 100

120 49.6 24.7 74.1





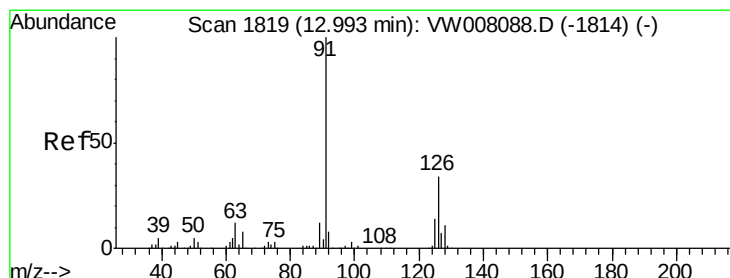
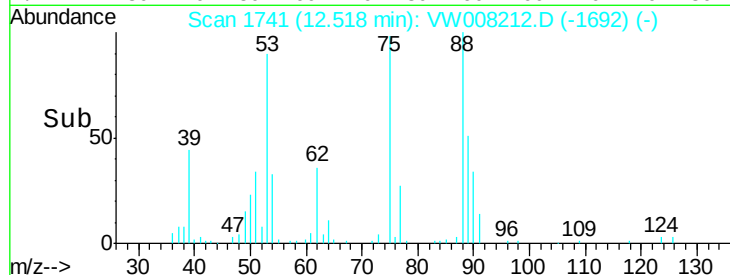
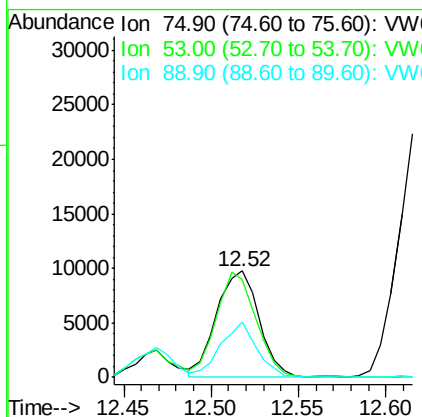
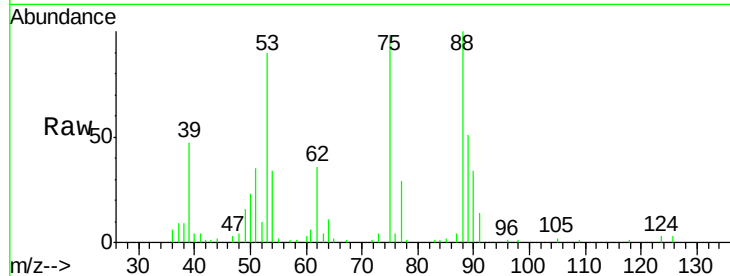
#81
trans-1,4-Dichloro-2-butene
Concen: 52.545 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.8	78.8	118.2
89	44.6	35.4	53.2

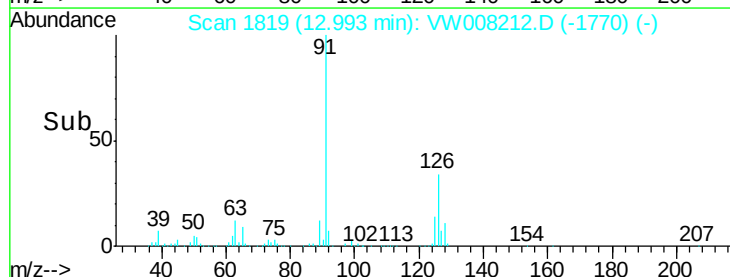
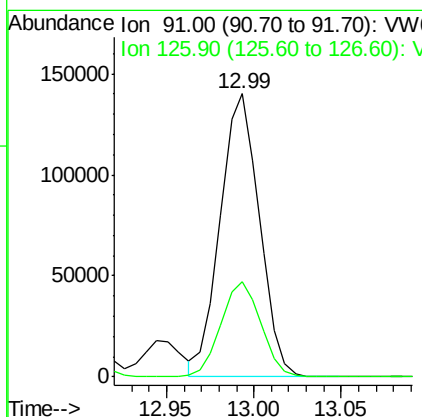
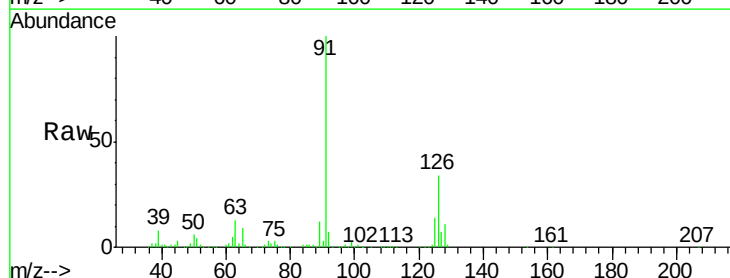
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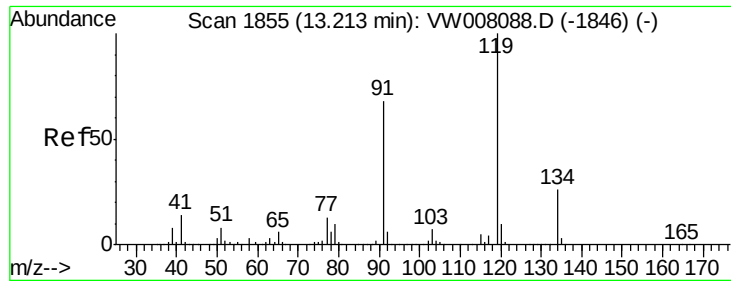
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#82
4-Chlorotoluene
Concen: 47.772 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	16.5	49.5





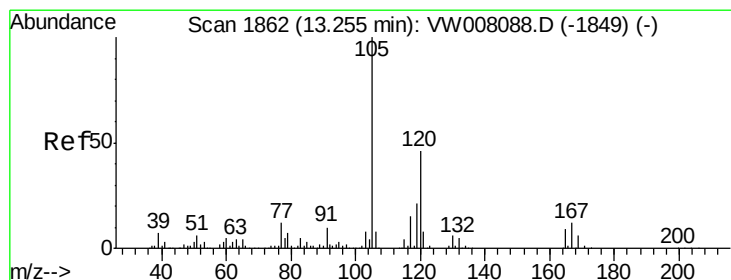
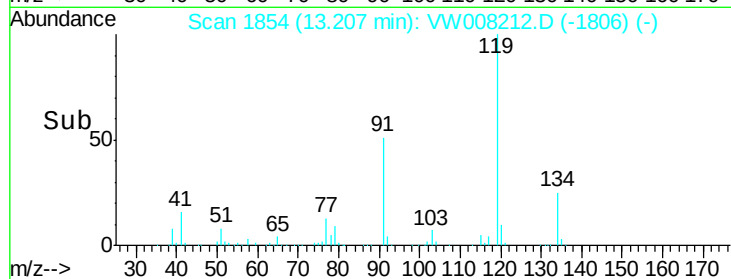
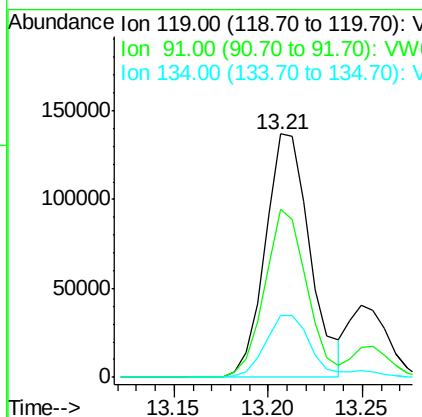
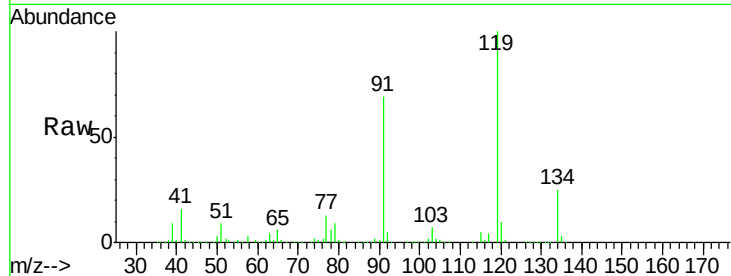
#83
tert-Butylbenzene
Concen: 49.062 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	33.9	101.6
134	27.2	13.6	40.8

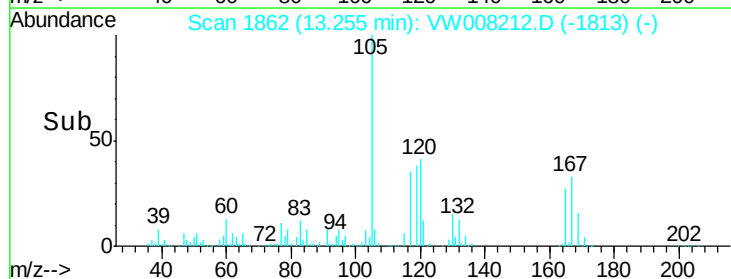
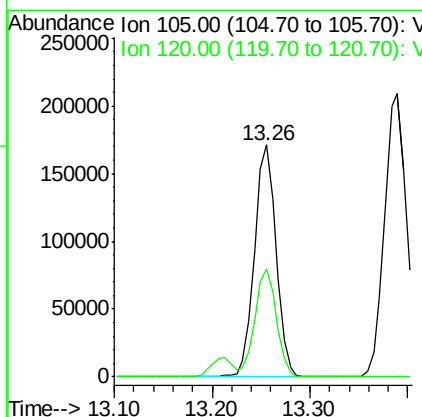
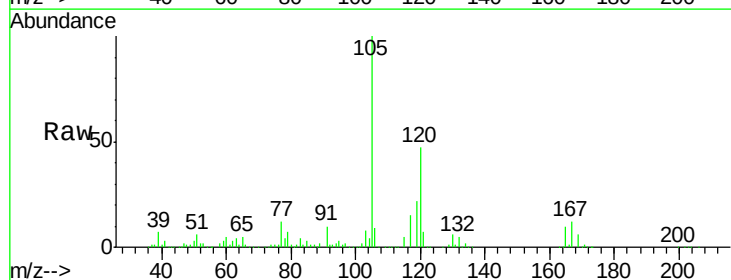
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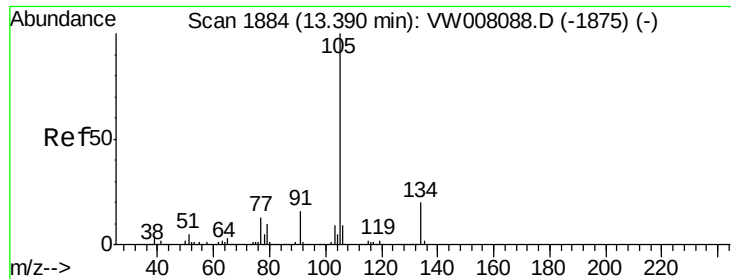
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#84
1,2,4-Trimethylbenzene
Concen: 48.997 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.7	68.1





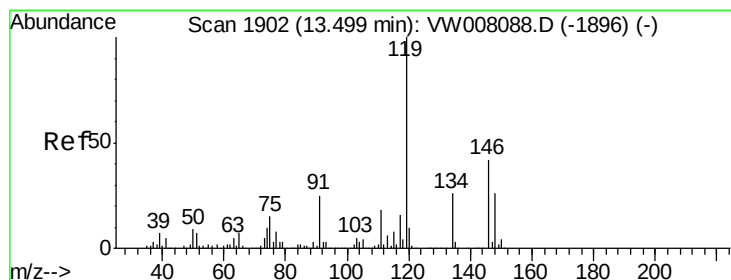
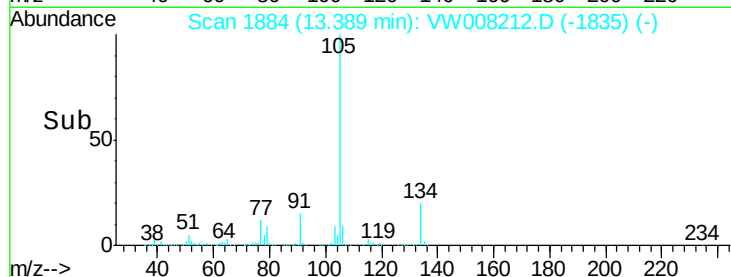
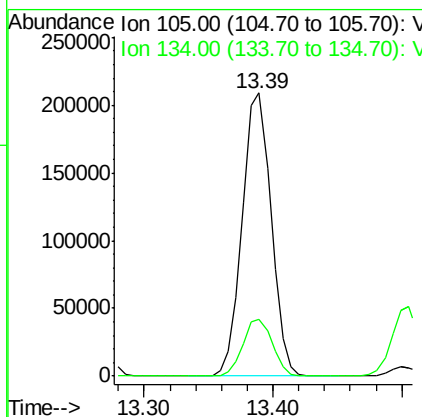
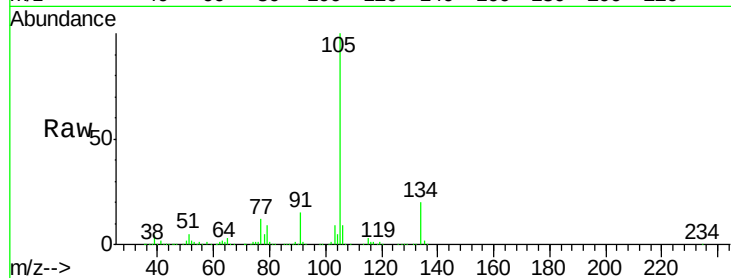
#85
 sec-Butylbenzene
 Concen: 48.175 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.1

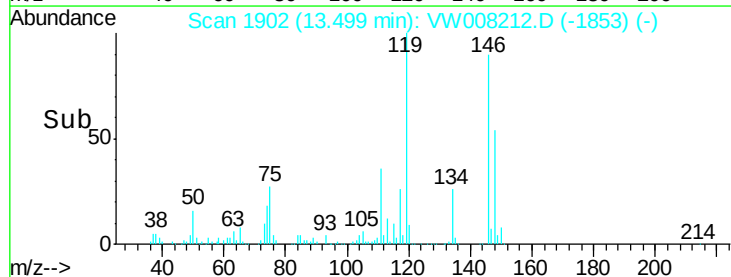
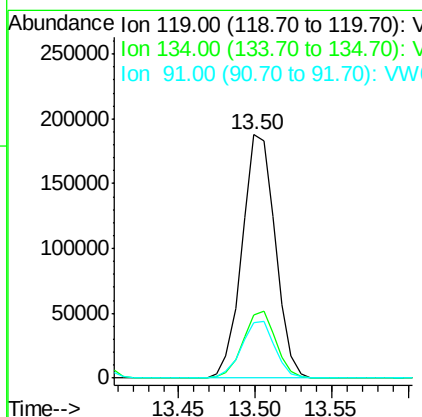
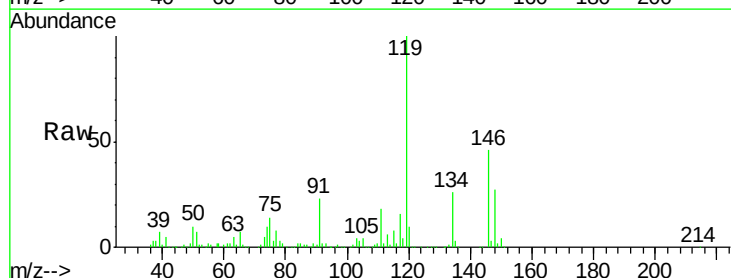
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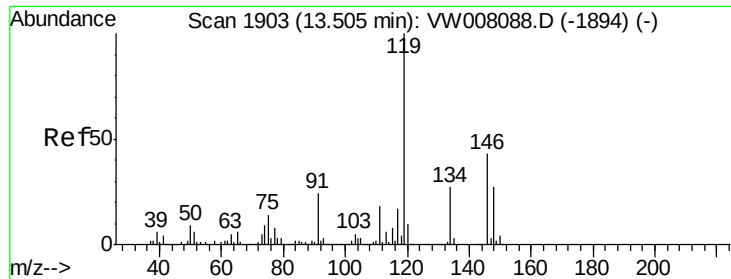
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#86
 p-Isopropyltoluene
 Concen: 48.553 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	23.4	12.3	36.9





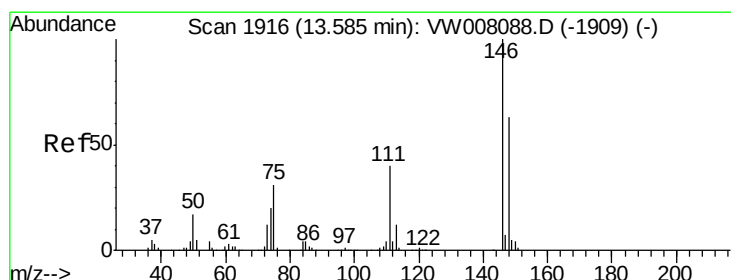
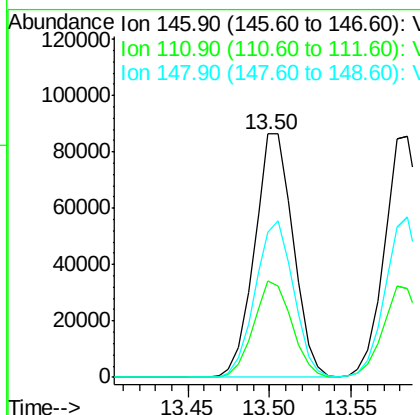
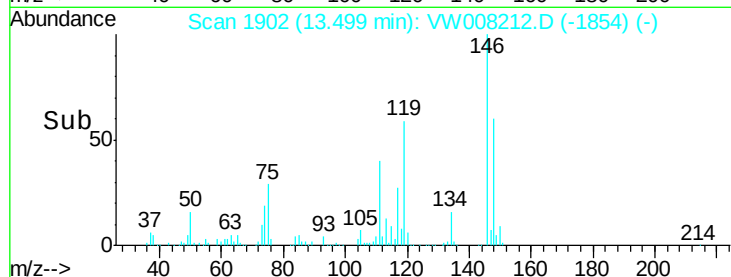
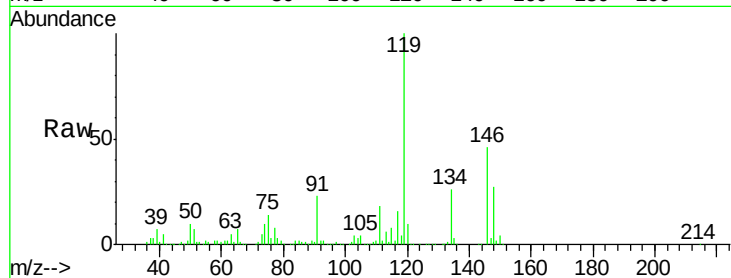
#87
 1,3-Dichlorobenzene
 Concen: 52.249 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	21.1	63.1
148	63.6	31.3	93.9

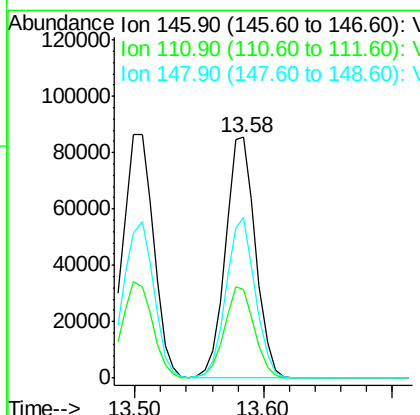
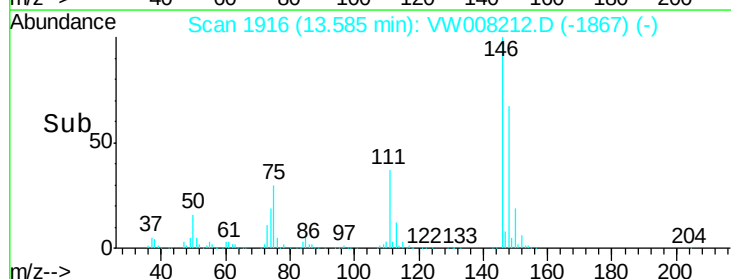
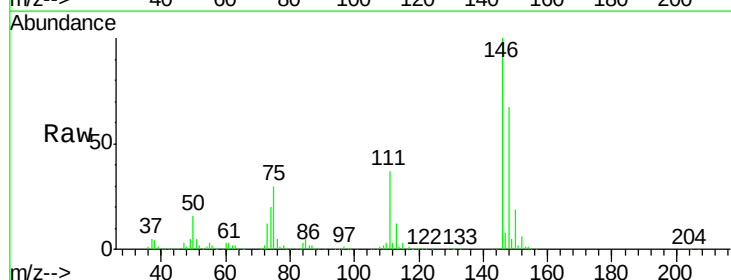
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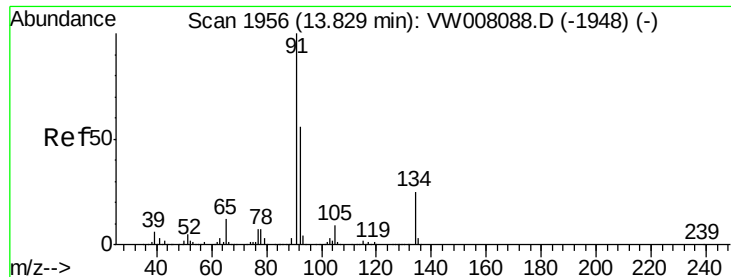
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#88
 1,4-Dichlorobenzene
 Concen: 51.191 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.5	61.5
148	64.5	31.6	94.8





#89

n-Butylbenzene

Concen: 47.374 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

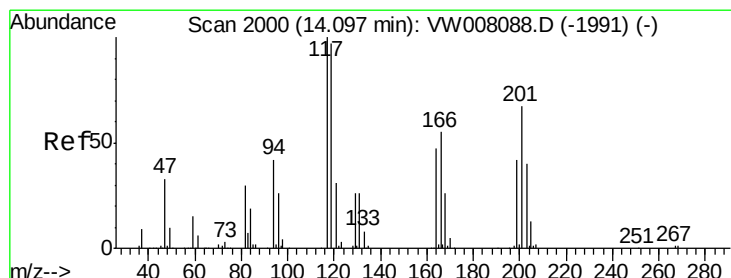
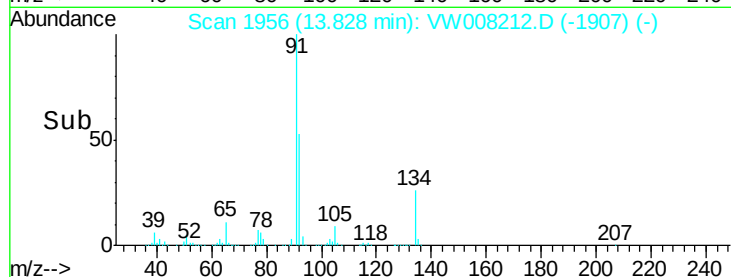
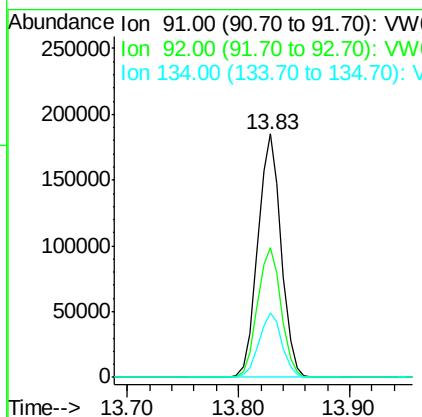
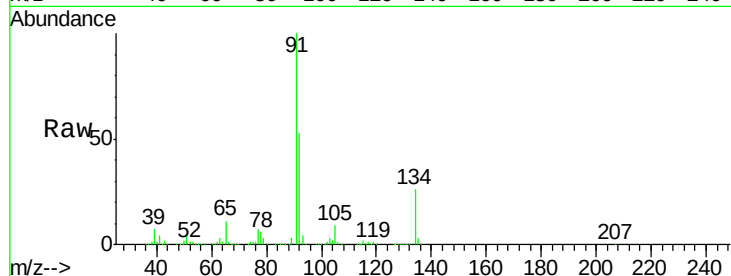
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	270133
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	26.2	12.6	37.8

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#90

Hexachloroethane

Concen: 52.299 ug/l

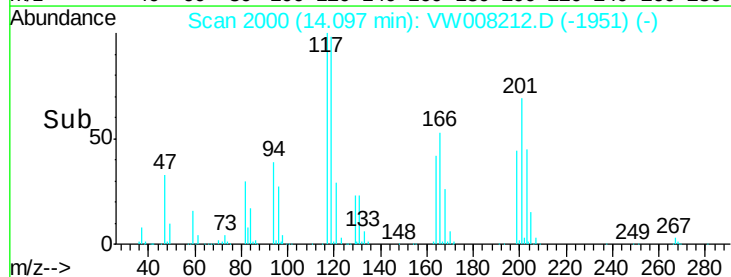
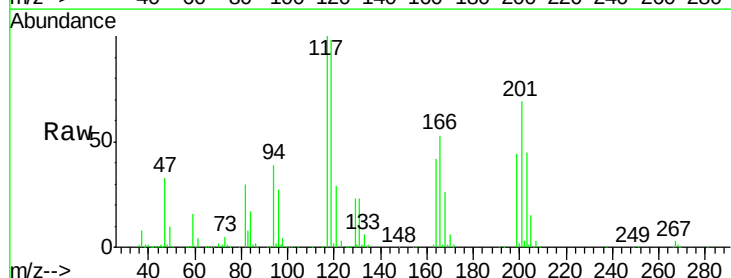
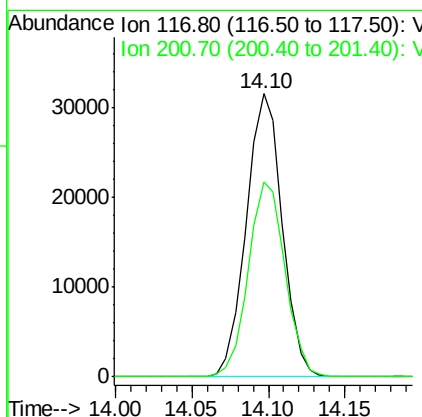
RT: 14.10 min Scan# 2000

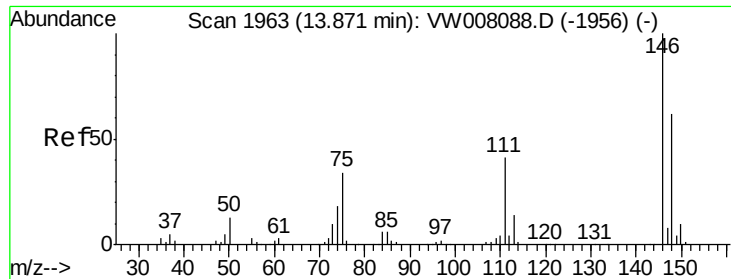
Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	117	Resp:	51429
Ion	Ratio	Lower	Upper
117	100		
201	70.5	33.0	98.9





#91

1,2-Dichlorobenzene

Concen: 52.499 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

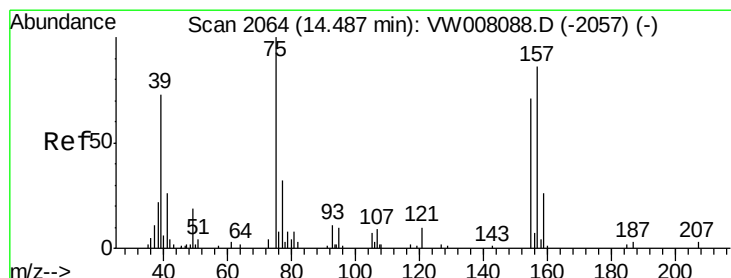
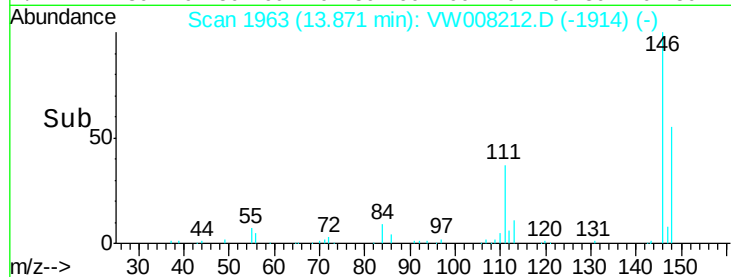
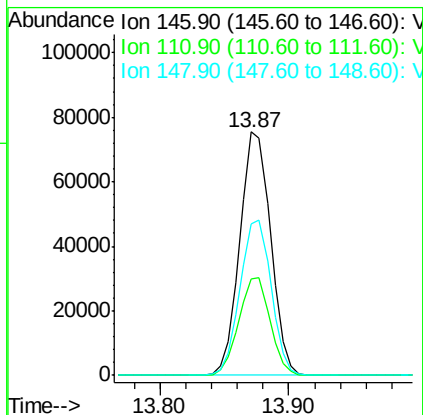
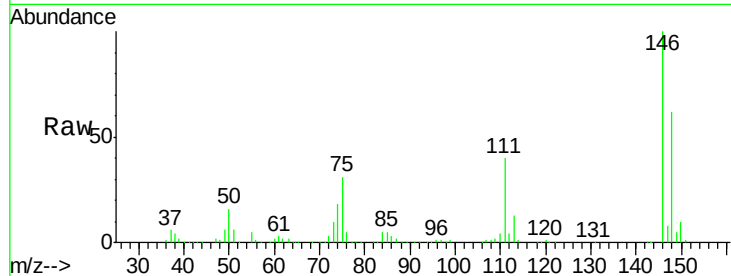
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	125199
Ion Ratio	Lower	Upper	
146	100		
111	40.8	21.3	63.7
148	64.2	31.5	94.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.085 ug/l

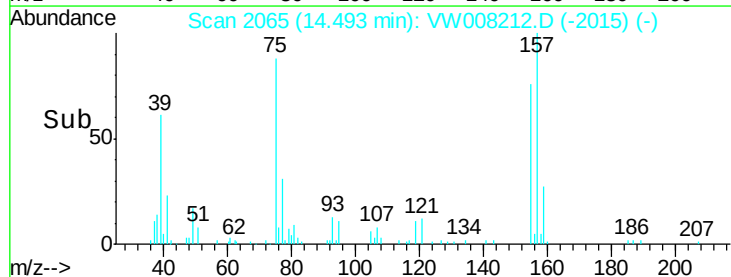
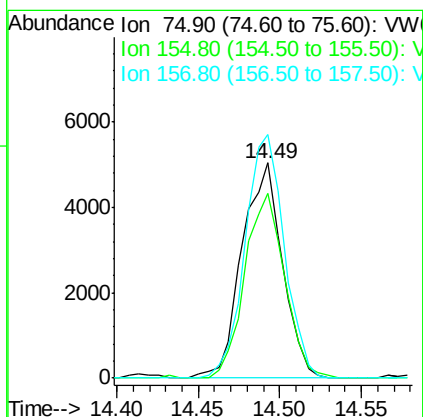
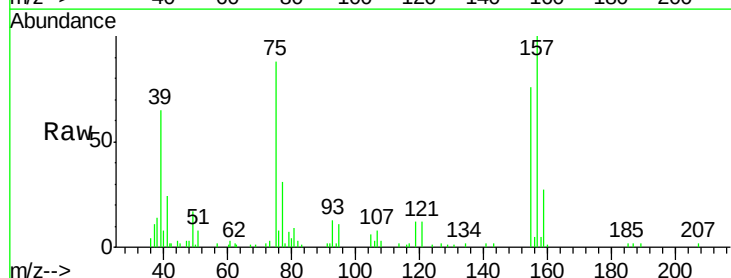
RT: 14.49 min Scan# 2065

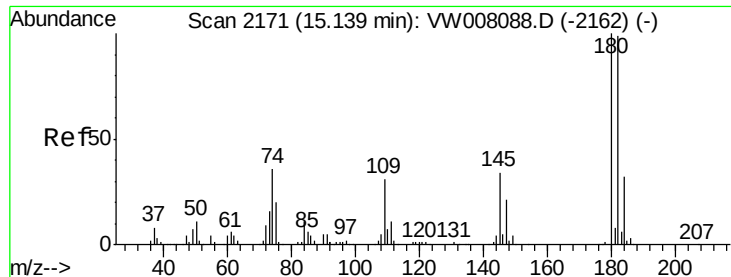
Delta R.T. 0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion:	75	Resp:	8657
Ion Ratio	Lower	Upper	
75	100		
155	84.6	38.6	115.7
157	110.1	47.5	142.6





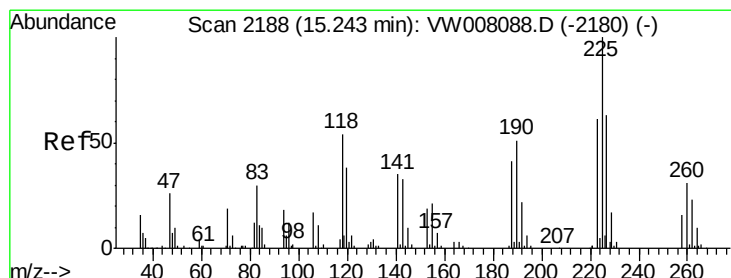
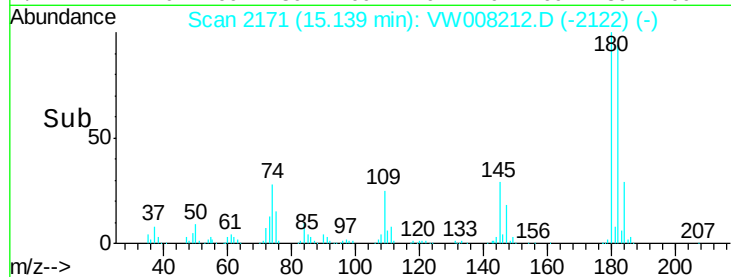
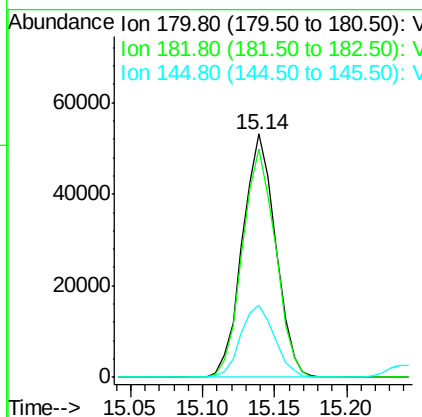
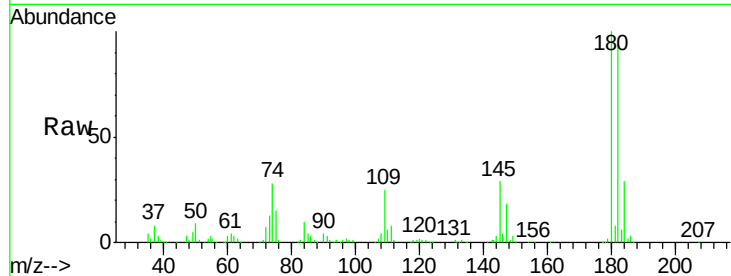
#93
 1,2,4-Trichlorobenzene
 Concen: 53.528 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.6	145.9
145	30.4	16.6	49.7

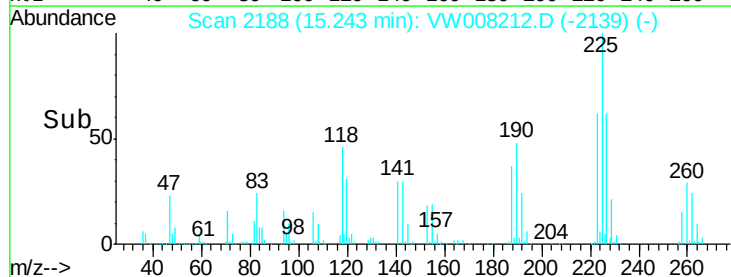
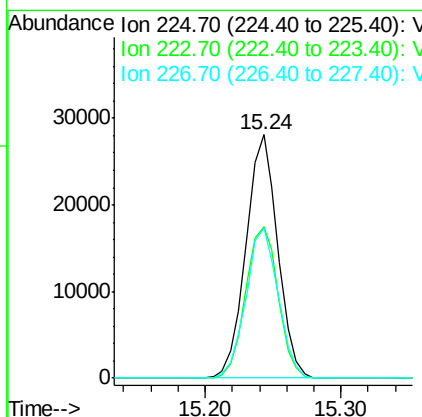
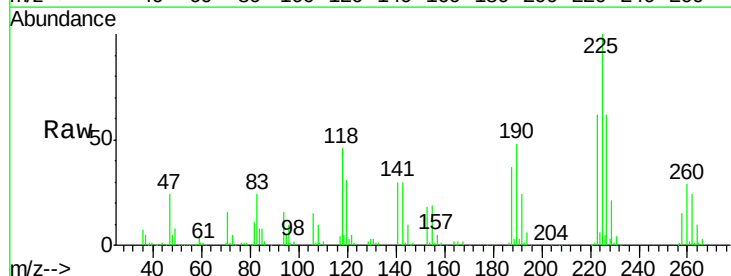
Manual Integrations
 APPROVED

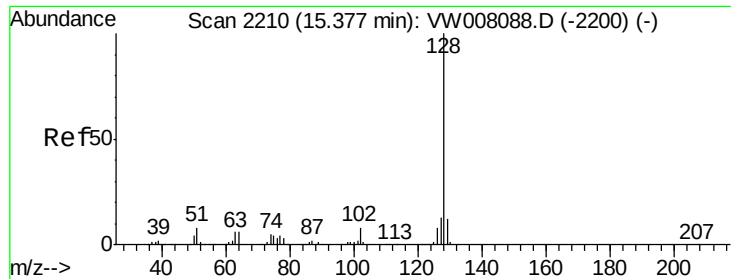
apatel
 1/14/2019 2:42:15 PM



#94
 Hexachlorobutadiene
 Concen: 54.106 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.3
227	62.6	32.0	96.2





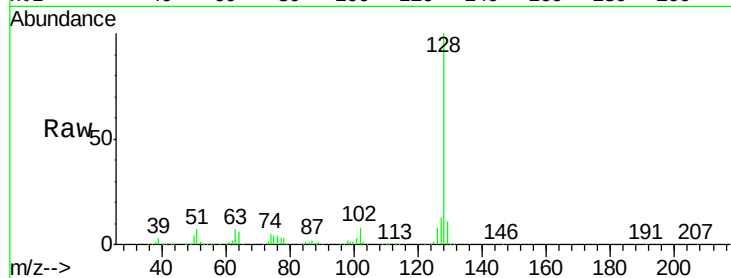
#95
Naphthalene
Concen: 54.277 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	10.8	9.0	13.6

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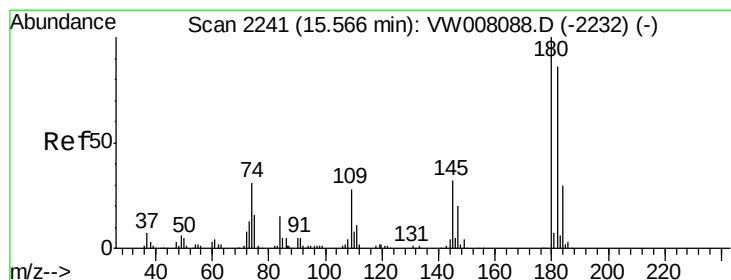
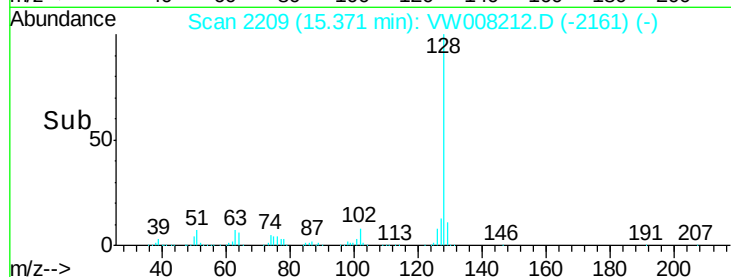
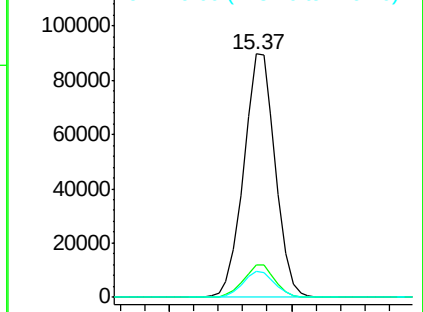


Abundance

Ion 128.00 (127.70 to 128.70): V

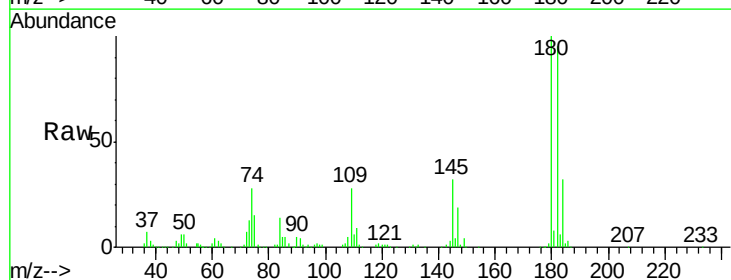
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.090 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.5	139.3
145	33.6	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

