

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009570.D
 Acq On : 29 Mar 2019 12:51
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW032919

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:04:49 AM

Quant Time: Mar 29 17:06:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	519724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	186283	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	7.88	113	158731	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	10.32	98	606416	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	229215	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	109221	52.736	ug/l	99
3) Chloromethane	2.21	50	143461	50.523	ug/l	95
4) Vinyl Chloride	2.37	62	187965	49.564	ug/l	97
5) Bromomethane	2.78	94	128971	44.081	ug/l	93
6) Chloroethane	2.92	64	128879	45.889	ug/l	97
7) Trichlorofluoromethane	3.25	101	124232	47.945	ug/l	100
8) Diethyl Ether	3.67	74	85758	49.290	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	168157	48.369	ug/l	98
10) Methyl Iodide	4.27	142	226666	47.783	ug/l	96
11) Tert butyl alcohol	5.18	59	55351	247.673	ug/l	100
12) 1,1-Dichloroethene	4.03	96	154753	47.566	ug/l	92
13) Acrolein	3.88	56	41415	252.660	ug/l	94
14) Allyl chloride	4.66	41	275032	52.853	ug/l	98
15) Acrylonitrile	5.36	53	196340	246.881	ug/l	99
16) Acetone	4.12	43	255108	294.371	ug/l	94
17) Carbon Disulfide	4.37	76	439376	47.463	ug/l #	95
18) Methyl Acetate	4.67	43	105258	50.246	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	232592	51.403	ug/l	99
20) Methylene Chloride	4.92	84	180039	53.203	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	169534	49.080	ug/l	90
22) Diisopropyl ether	6.31	45	568705	50.605	ug/l	96
23) Vinyl Acetate	6.25	43	1804003	257.320	ug/l	99
24) 1,1-Dichloroethane	6.21	63	328448	48.558	ug/l	99
25) 2-Butanone	7.17	43	306904	256.272	ug/l	99
26) 2,2-Dichloropropane	7.16	77	195881	50.652	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	187418	49.681	ug/l	96
28) Bromochloromethane	7.51	49	142813	48.725	ug/l	95
29) Tetrahydrofuran	7.52	42	187685	252.395	ug/l	97
30) Chloroform	7.67	83	337920	48.236	ug/l	100
31) Cyclohexane	7.95	56	299369	47.209	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	278541	49.113	ug/l	96
36) 1,1-Dichloropropene	8.08	75	267015	49.671	ug/l	99
37) Ethyl Acetate	7.25	43	127938	50.094	ug/l	99
38) Carbon Tetrachloride	8.06	117	273409	49.636	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	314554	51.226	ug/l	98
40) Benzene	8.32	78	707739	48.606	ug/l	99
41) Methacrylonitrile	7.48	41	77959	47.118	ug/l	89
42) 1,2-Dichloroethane	8.40	62	236922	47.728	ug/l	98
43) Isopropyl Acetate	8.42	43	249825	49.913	ug/l	99
44) Trichloroethene	9.09	130	183683	48.727	ug/l	97
45) 1,2-Dichloropropane	9.37	63	178676	47.941	ug/l	98
46) Dibromomethane	9.46	93	94917	47.012	ug/l	98
47) Bromodichloromethane	9.64	83	249394	48.425	ug/l	98
48) Methyl methacrylate	9.43	41	122754	52.320	ug/l	93
49) 1,4-Dioxane	9.45	88	28628	952.146	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	667468	249.245	ug/l	100
52) Toluene	10.38	92	455691	49.974	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	255658	50.697	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	288223	51.548	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	131834	48.308	ug/l	96
56) Ethyl methacrylate	10.65	69	172803	46.044	ug/l	96
57) 1,3-Dichloropropane	10.93	76	233451	48.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	416420	230.100	ug/l	98
59) 2-Hexanone	10.97	43	491311	265.095	ug/l	98
60) Dibromochloromethane	11.13	129	160550	48.721	ug/l	99
61) 1,2-Dibromoethane	11.24	107	128023	48.919	ug/l	98
64) Tetrachloroethene	10.86	164	156434	48.648	ug/l	97
65) Chlorobenzene	11.66	112	490150	49.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	181864	50.040	ug/l	100
67) Ethyl Benzene	11.73	91	916007	52.123	ug/l	98
68) m/p-Xylenes	11.84	106	689491	103.327	ug/l	97
69) o-Xylene	12.17	106	320834	51.629	ug/l	97
70) Styrene	12.18	104	536845	51.721	ug/l	100
71) Bromoform	12.35	173	96560	49.370	ug/l #	100
73) Isopropylbenzene	12.46	105	951798	53.257	ug/l	100
74) N-amyl acetate	12.27	43	243415	51.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	165528	48.976	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	117992m	48.858	ug/l	
77) Bromobenzene	12.75	156	203329	49.404	ug/l	96
78) n-propylbenzene	12.80	91	1162420	52.746	ug/l	100
79) 2-Chlorotoluene	12.90	91	642067	51.266	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	793407	52.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	52973	51.009	ug/l	95
82) 4-Chlorotoluene	12.99	91	680514	51.630	ug/l	99
83) tert-Butylbenzene	13.21	119	686150	53.554	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	813472	52.575	ug/l	99
85) sec-Butylbenzene	13.39	105	1028878	53.229	ug/l	99
86) p-Isopropyltoluene	13.50	119	897785	53.400	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	424717	49.980	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	419088	49.376	ug/l	99
89) n-Butylbenzene	13.83	91	894710	53.915	ug/l	99
90) Hexachloroethane	14.10	117	163766	50.867	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	374973	49.346	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29385	47.625	ug/l	100

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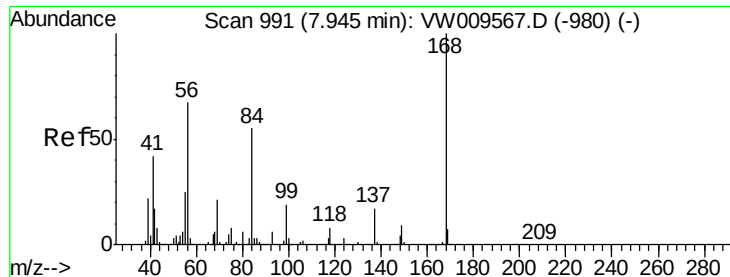
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263291	53.803	ug/l	99
94) Hexachlorobutadiene	15.24	225	158534	50.444	ug/l	98
95) Naphthalene	15.37	128	489855	49.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	230730	52.772	ug/l	99

(#) = 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: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion:168 Resp: 337067

Ion Ratio Lower Upper

168 100

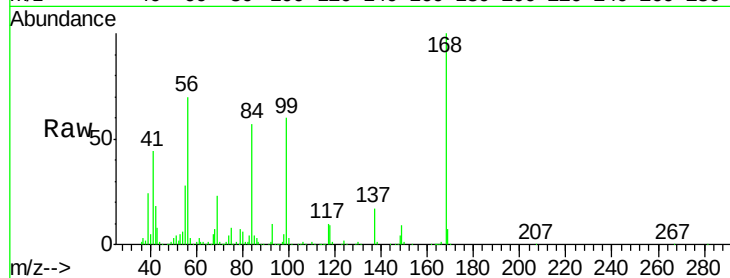
99 60.1 45.4 68.0

Manual Integrations

APPROVED

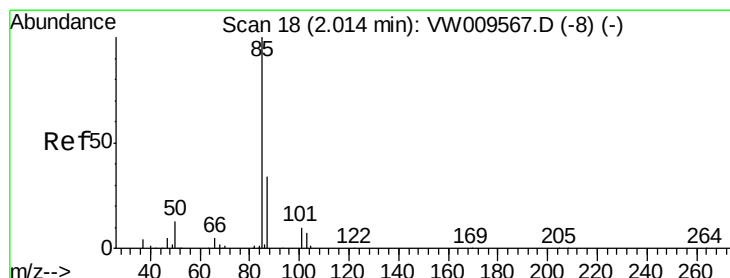
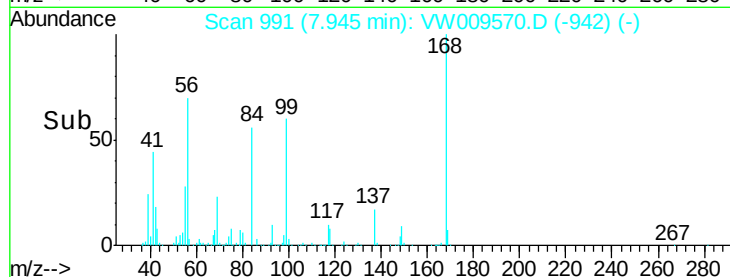
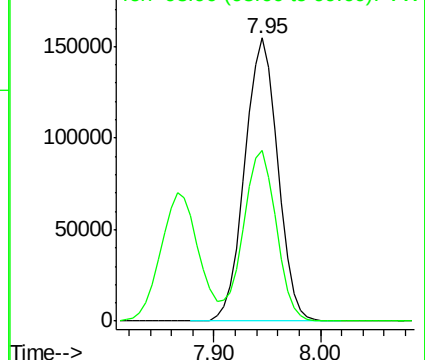
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.736 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW009570.D

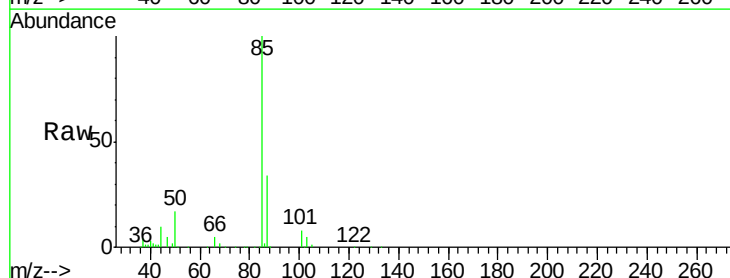
Acq: 29 Mar 2019 12:51

Tgt Ion: 85 Resp: 109221

Ion Ratio Lower Upper

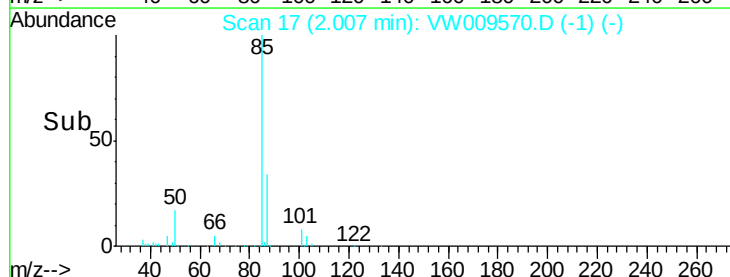
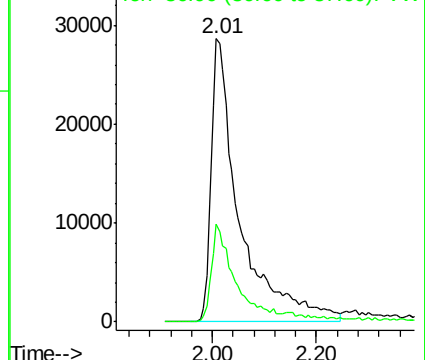
85 100

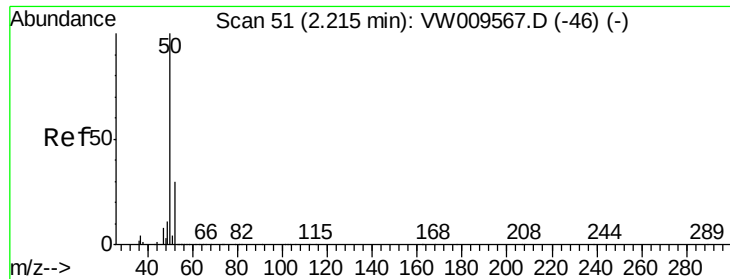
87 34.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.523 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 50 Resp: 143461

Ion Ratio Lower Upper

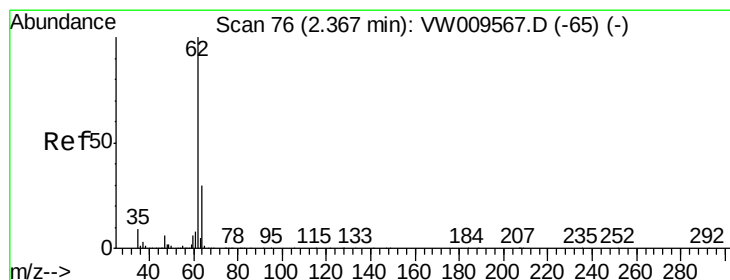
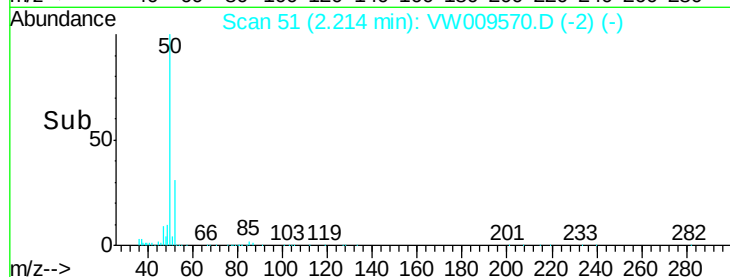
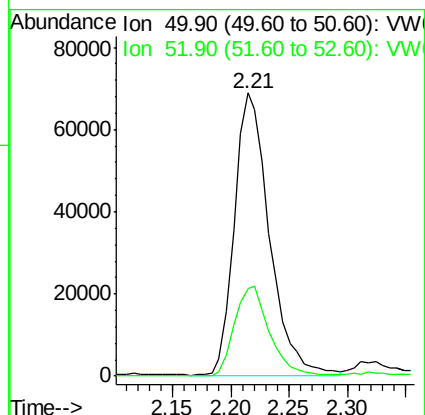
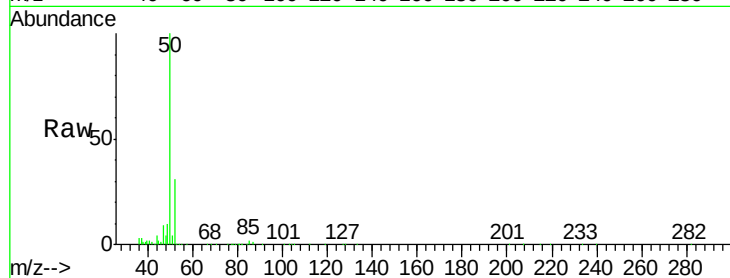
50 100

52 31.2 27.2 40.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.564 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009570.D

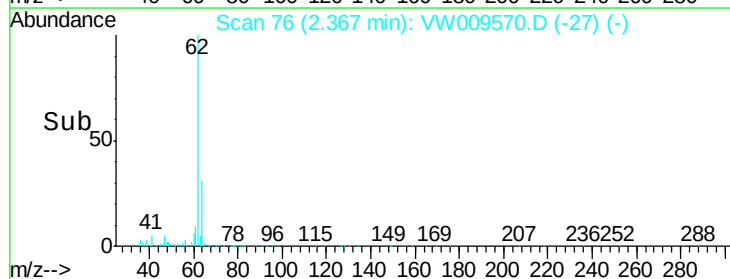
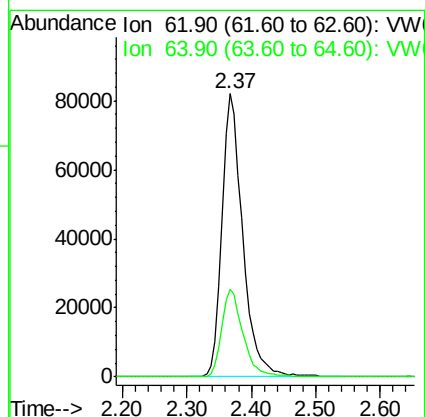
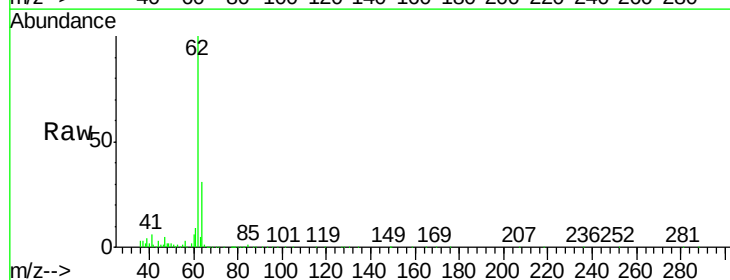
Acq: 29 Mar 2019 12:51

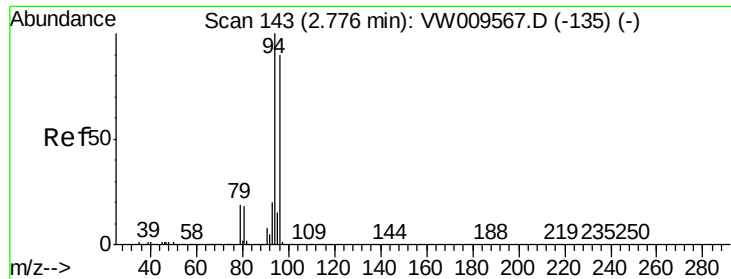
Tgt Ion: 62 Resp: 187965

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.2





#5

Bromomethane

Concen: 44.081 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 94 Resp: 128971

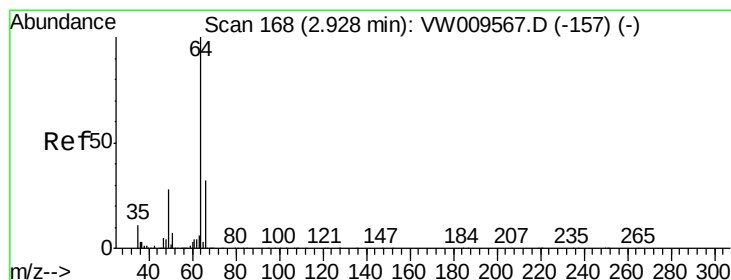
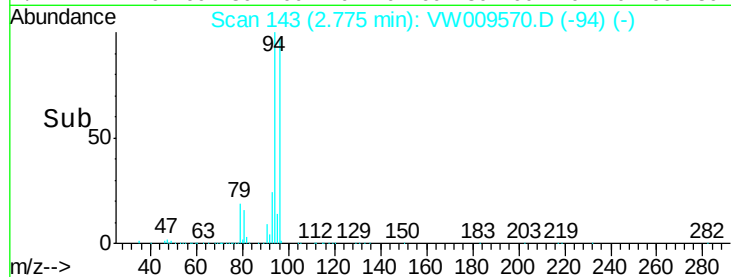
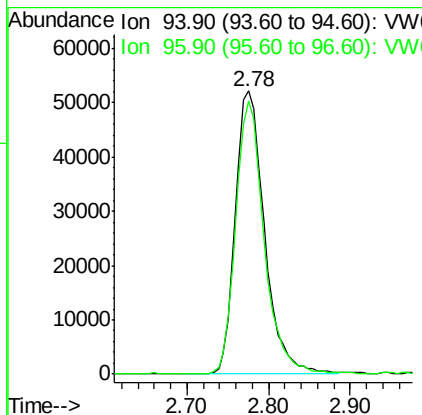
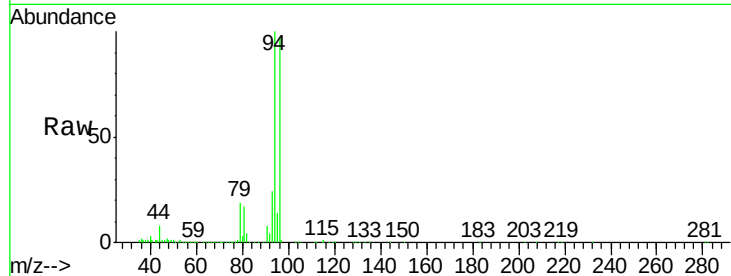
Ion Ratio Lower Upper

94 100

96 96.3 71.4 107.2

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#6

Chloroethane

Concen: 45.889 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW009570.D

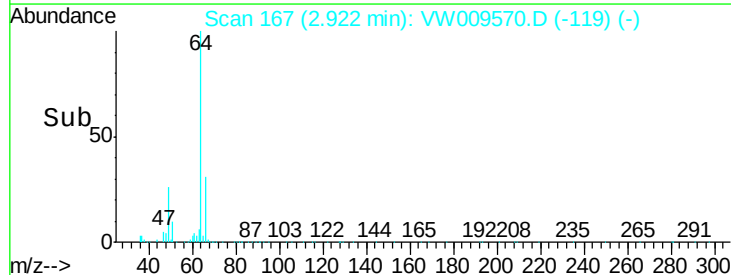
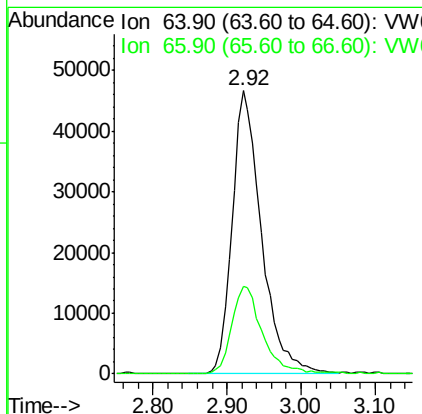
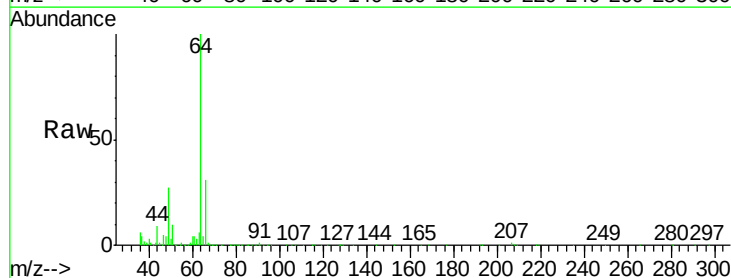
Acq: 29 Mar 2019 12:51

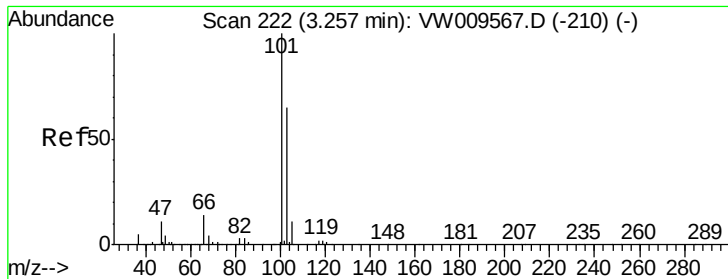
Tgt Ion: 64 Resp: 128879

Ion Ratio Lower Upper

64 100

66 30.8 26.2 39.2





#7

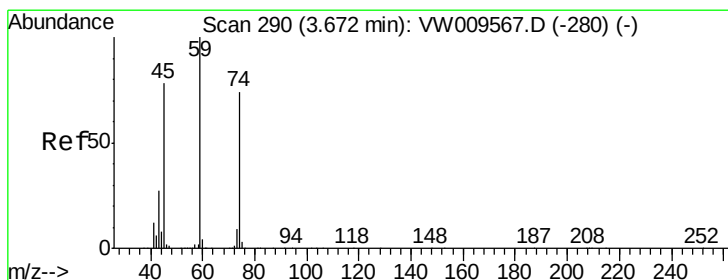
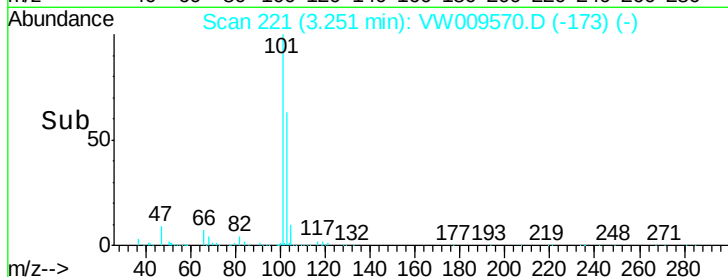
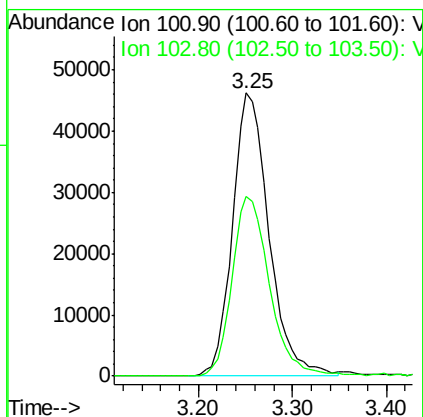
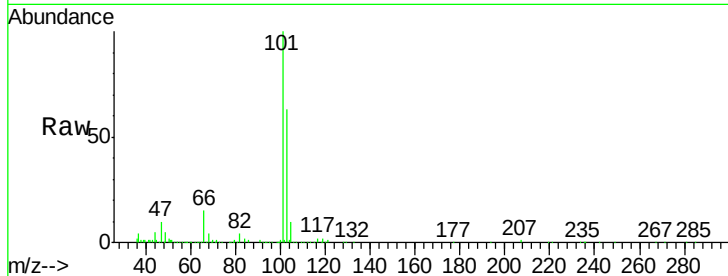
Trichlorofluoromethane
Concen: 47.945 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.5	75.7

Manual Integrations
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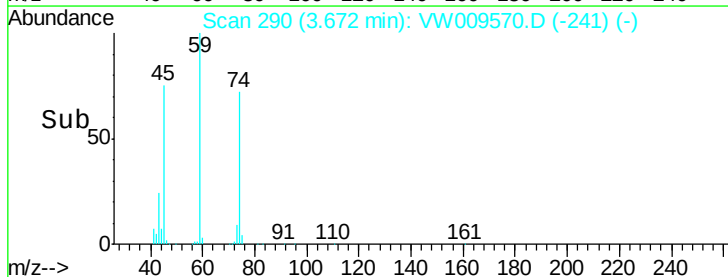
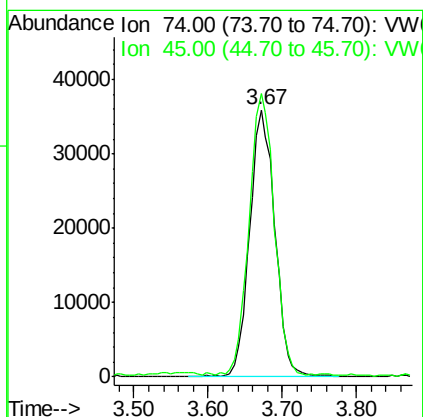
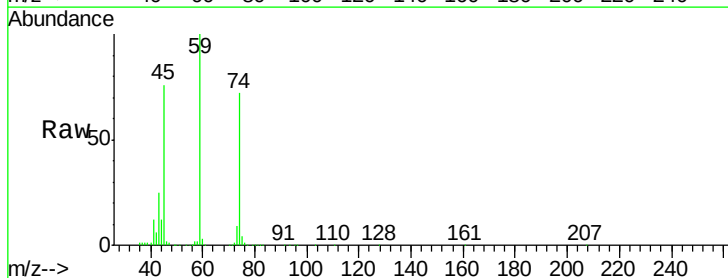
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4/1/2019 4:04:49 AM

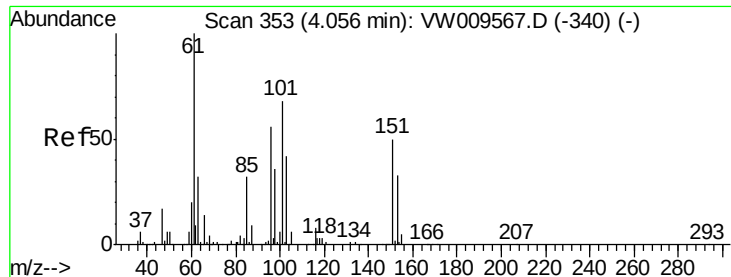


#8

Diethyl Ether
Concen: 49.290 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.369 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

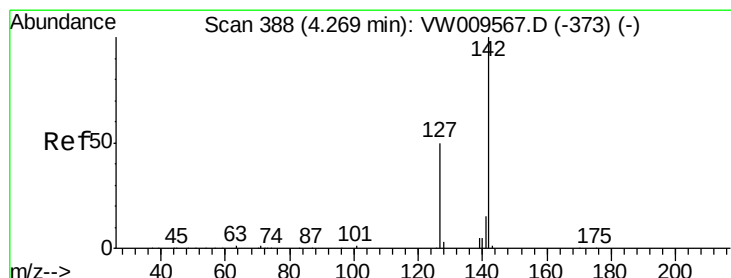
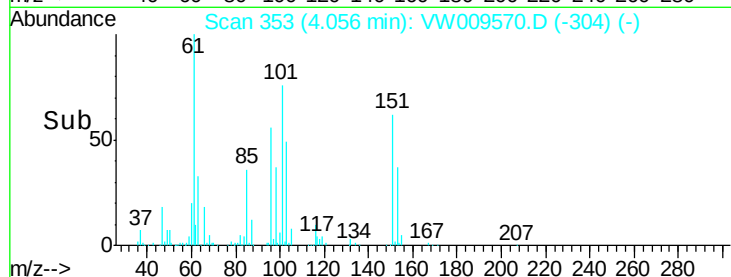
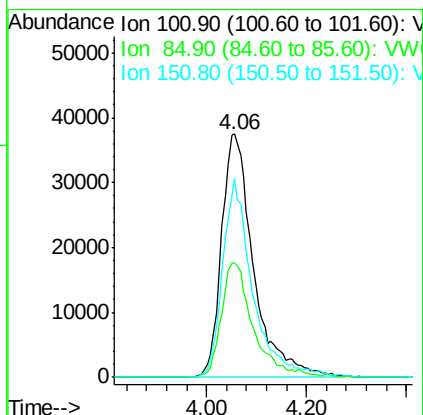
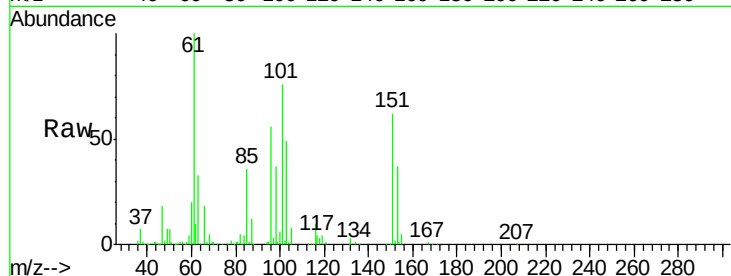
ClientSampleId :

ICVW032919

Tot Ion:	101	Resp:	168157
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.1	52.7
151	76.1	62.9	94.3

Manual Integrations
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#10

Methyl Iodide

Concen: 47.783 ug/l

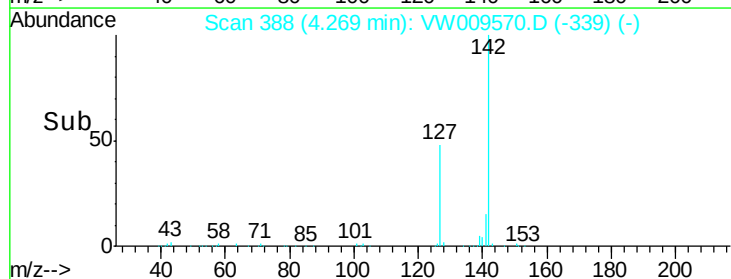
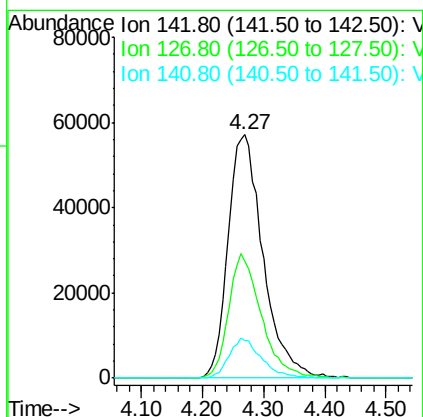
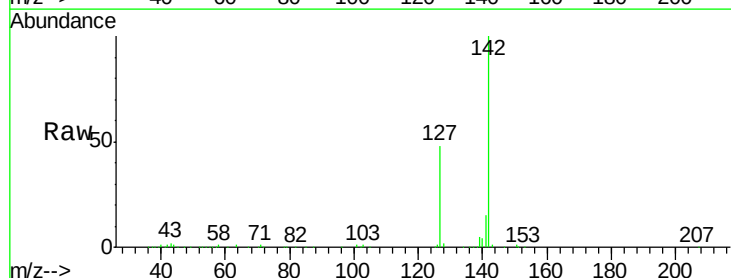
RT: 4.27 min Scan# 388

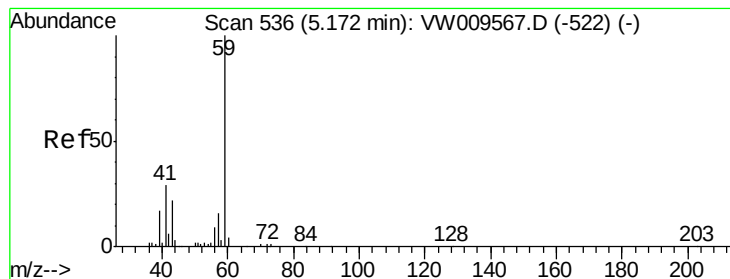
Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion:	142	Resp:	226666
Ion Ratio	Lower	Upper	
142	100		
127	47.6	35.9	53.9
141	15.2	11.4	17.2





#11

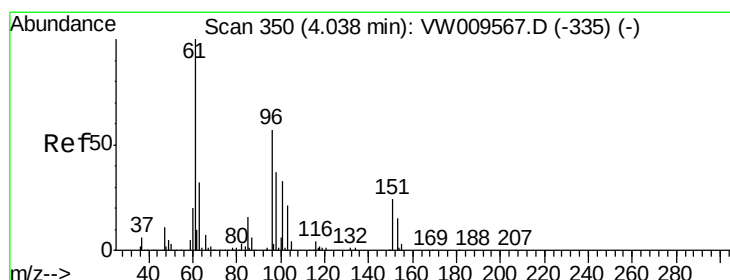
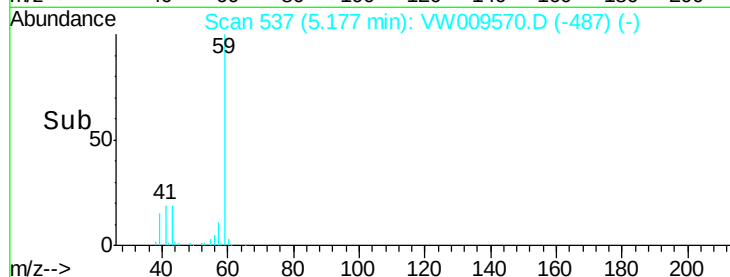
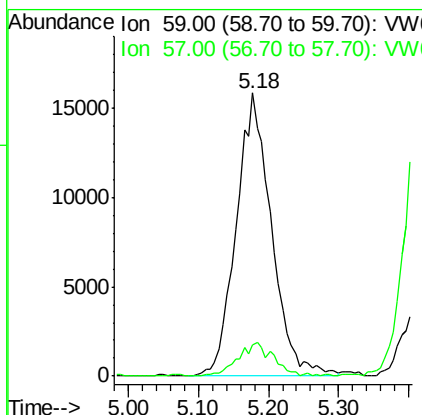
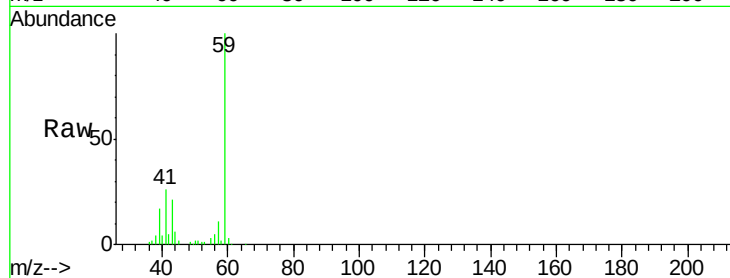
Tert butyl alcohol
 Concen: 247.673 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	9.4	14.0

Manual Integrations
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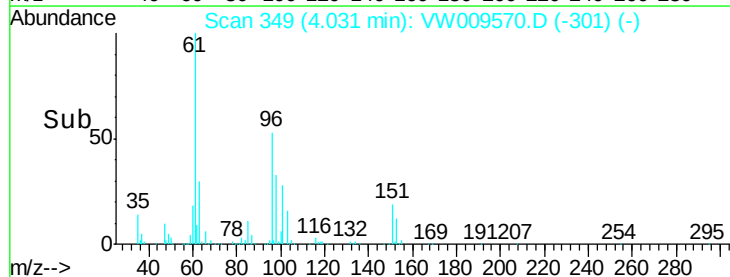
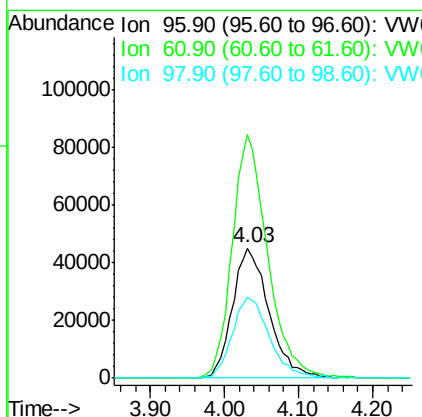
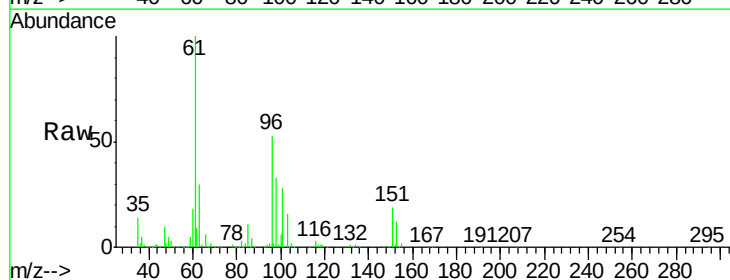
MMDadoda
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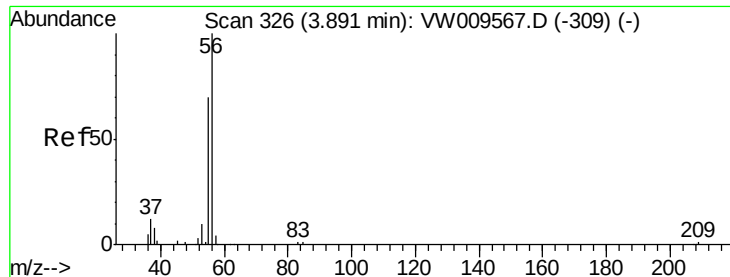


#12

1,1-Dichloroethene
 Concen: 47.566 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.4	138.0	207.0
98	62.3	49.8	74.8





#13

Acrolein

Concen: 252.660 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 56 Resp: 41415

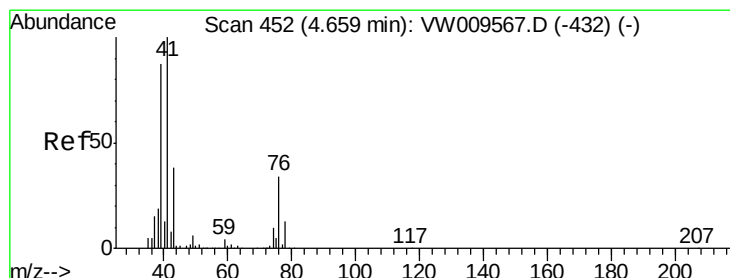
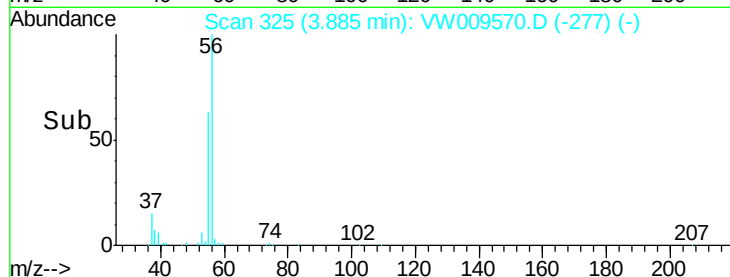
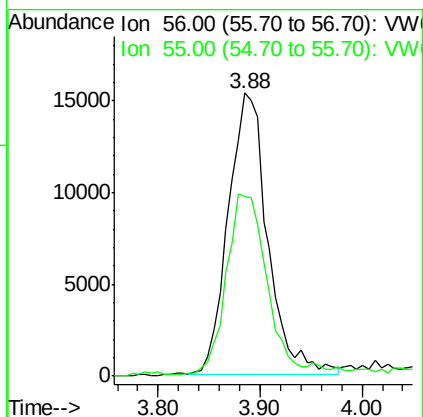
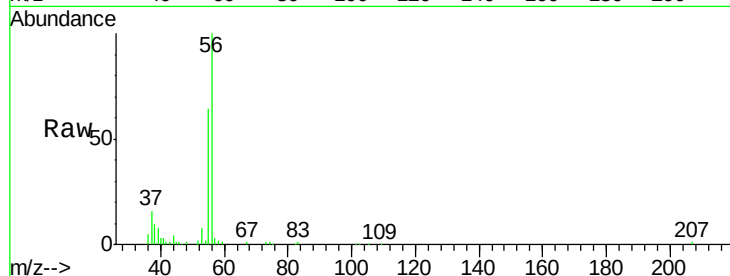
Ion Ratio Lower Upper

56 100

55 64.0 55.2 82.8

Manual Integrations
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#14

Allyl chloride

Concen: 52.853 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

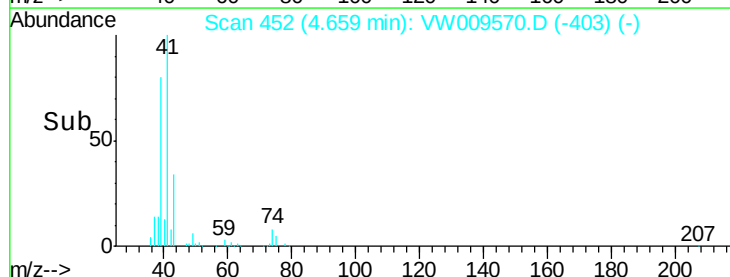
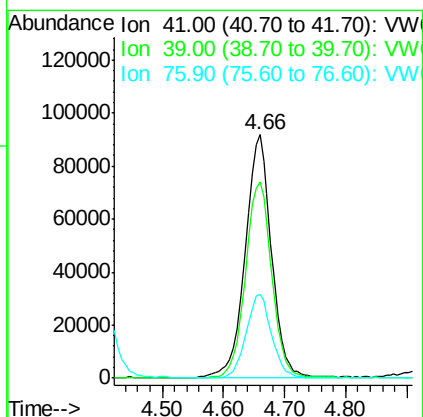
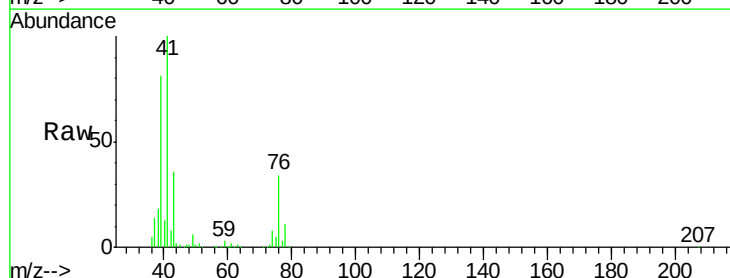
Tgt Ion: 41 Resp: 275032

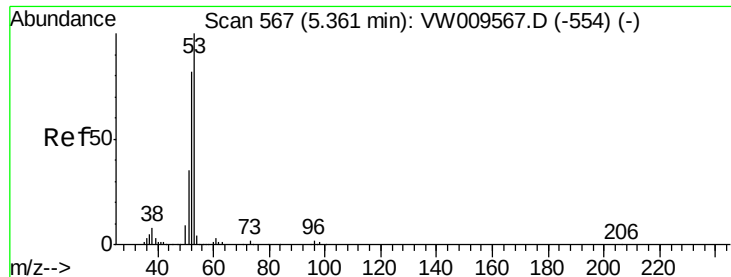
Ion Ratio Lower Upper

41 100

39 80.4 63.8 95.6

76 32.9 27.8 41.6





#15

Acrylonitrile

Concen: 246.881 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

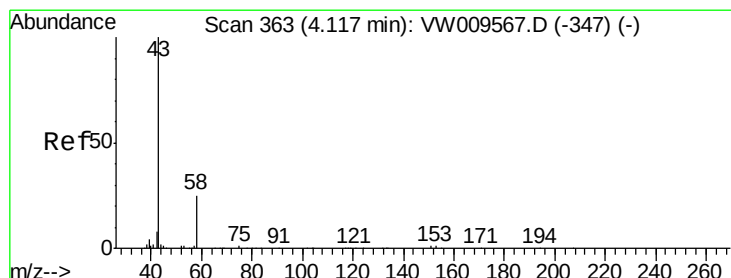
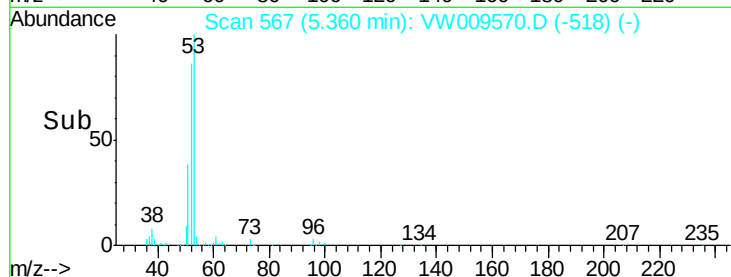
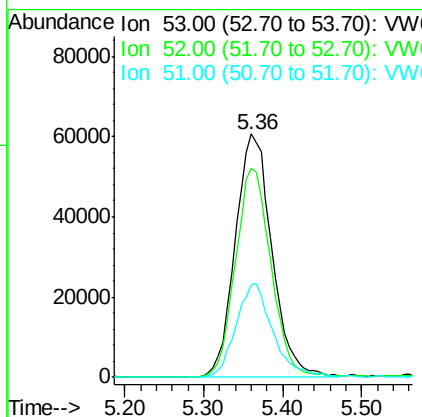
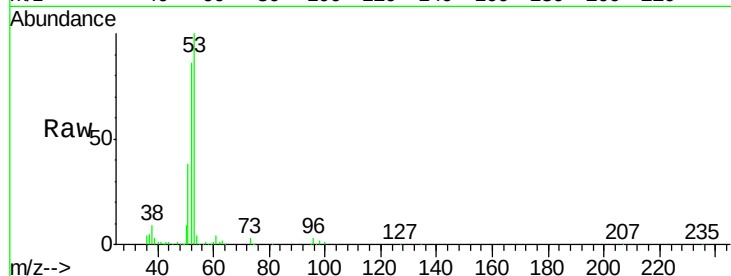
ClientSampleId :

ICVW032919

Tot Ion:	53	Resp:	196340
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.6	101.4
51	38.7	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 294.371 ug/l

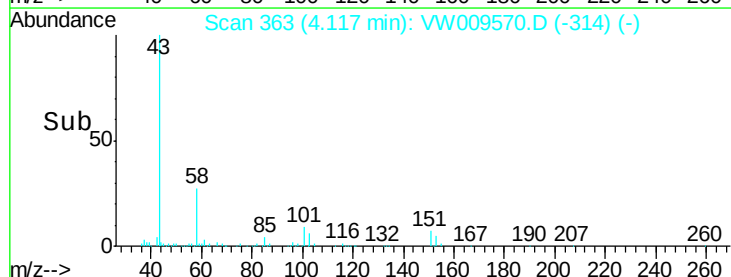
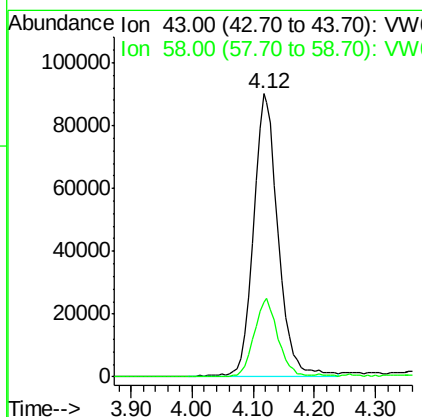
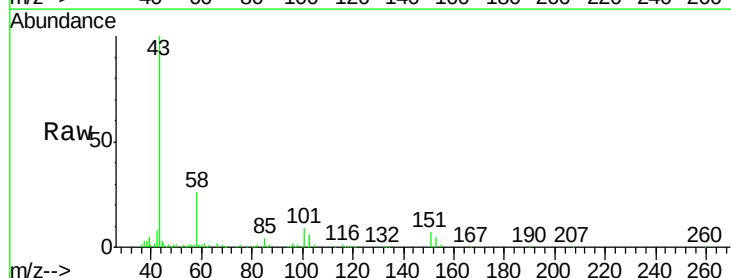
RT: 4.12 min Scan# 363

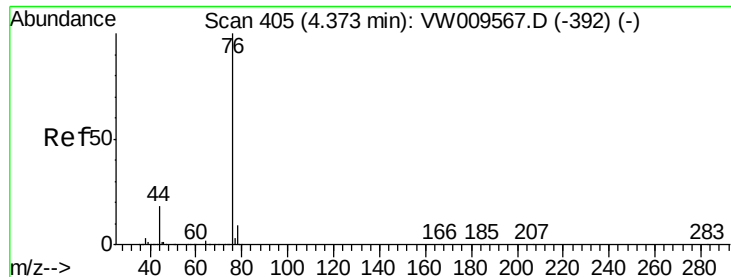
Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion:	43	Resp:	255108
Ion	Ratio	Lower	Upper
43	100		
58	26.1	23.6	35.4





#17

Carbon Disulfide

Concen: 47.463 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 76 Resp: 439376

Ion Ratio Lower Upper

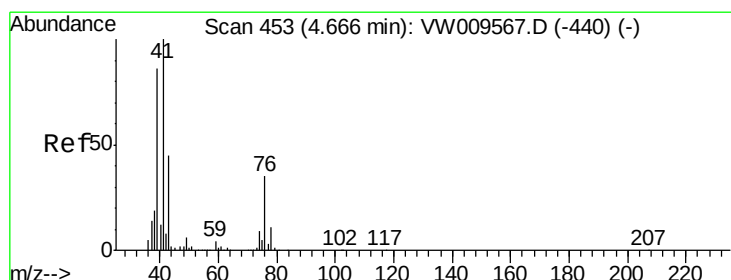
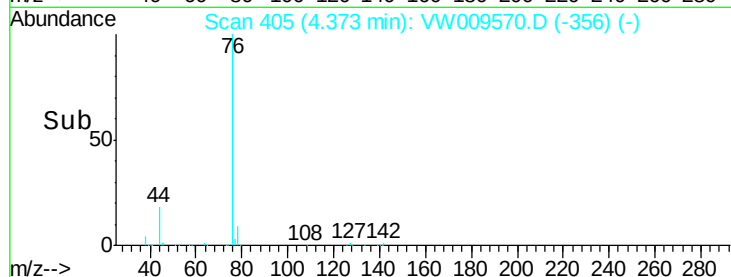
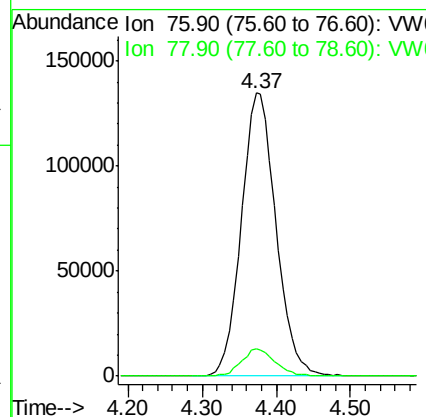
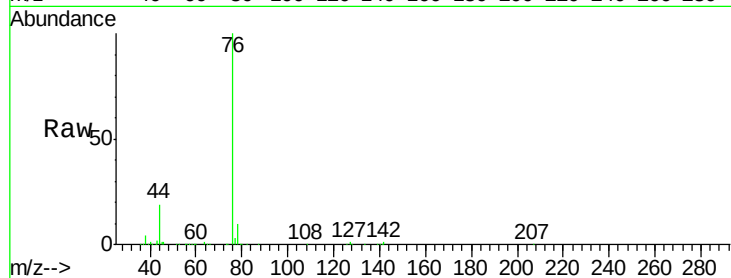
76 100

78 9.9 6.6 9.8#

Manual Integrations
APPROVED

MMDadoda

4/1/2019 4:04:49 AM



#18

Methyl Acetate

Concen: 50.246 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW009570.D

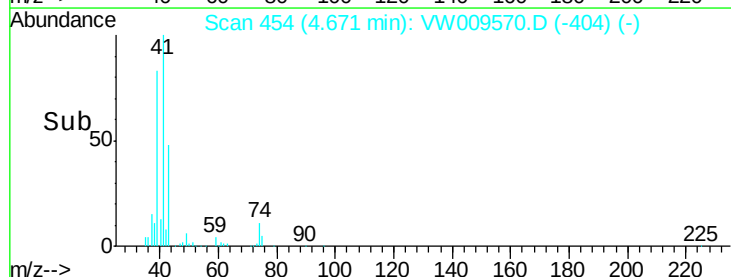
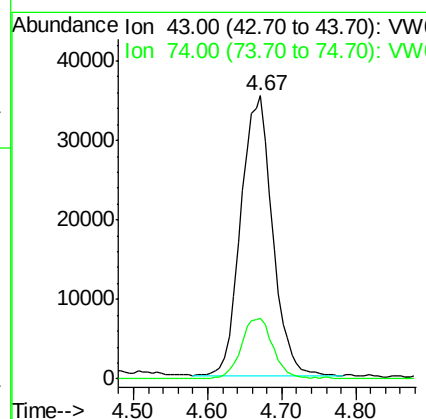
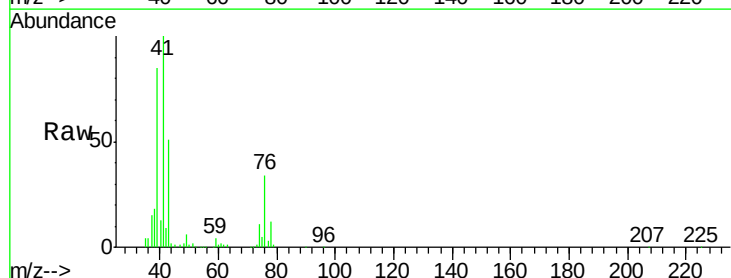
Acq: 29 Mar 2019 12:51

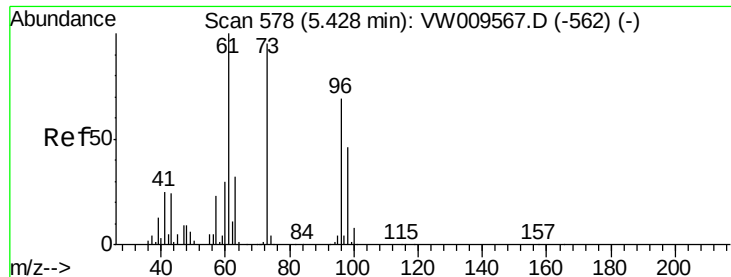
Tgt Ion: 43 Resp: 105258

Ion Ratio Lower Upper

43 100

74 21.7 17.7 26.5





#19

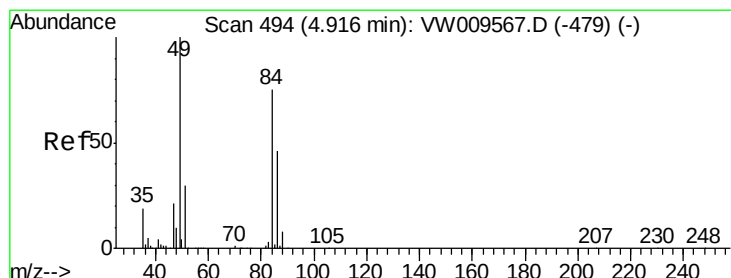
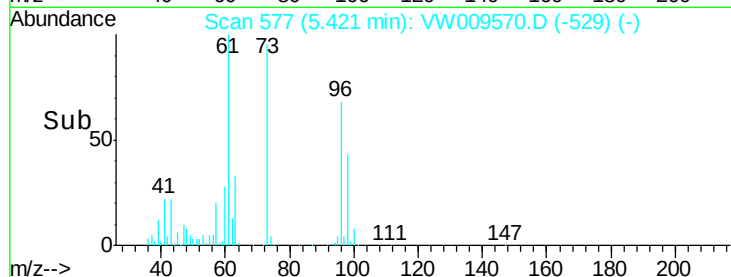
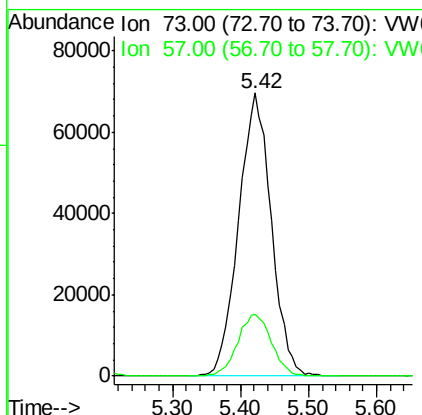
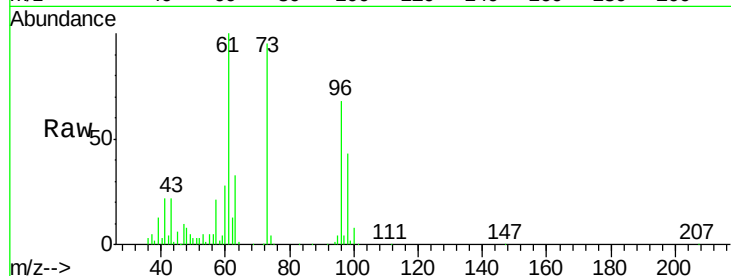
Methyl tert-butyl Ether
 Concen: 51.403 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.0	25.6

Manual Integrations
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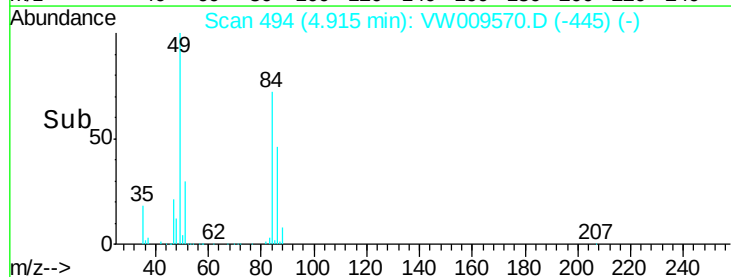
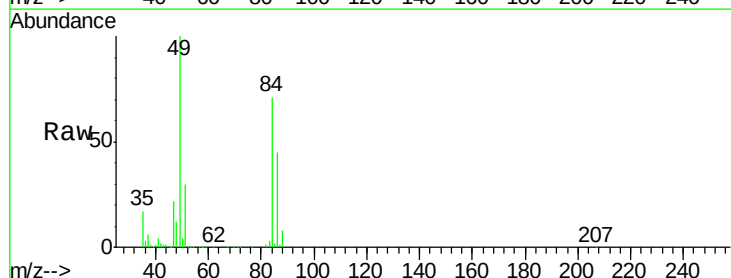
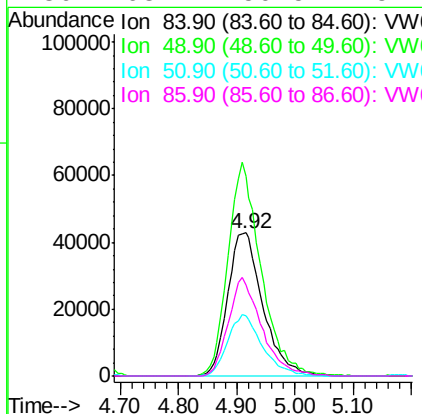
MMDadoda
 4/1/2019 4:04:49 AM

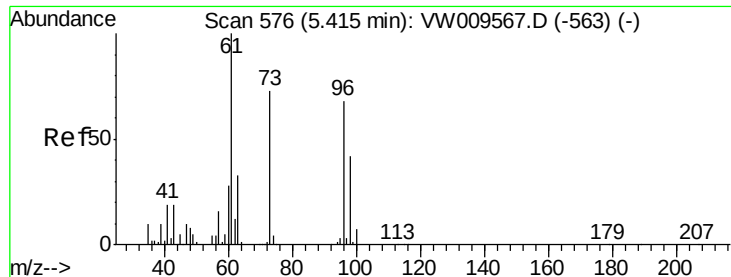


#20

Methylene Chloride
 Concen: 53.203 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.1	99.1	148.7
51	41.9	28.7	43.1
86	63.7	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 49.080 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

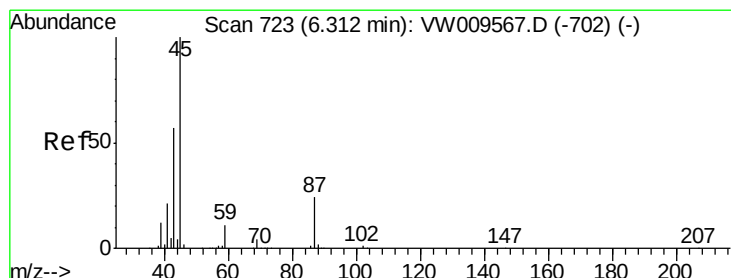
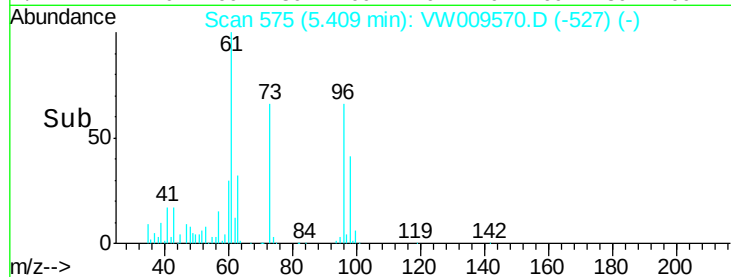
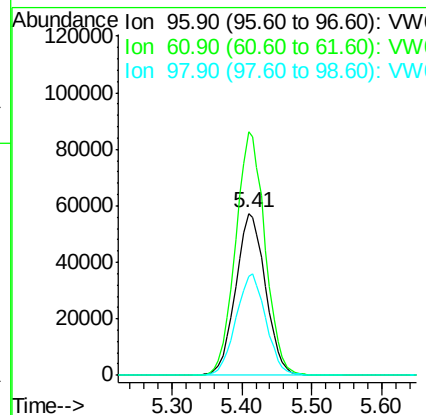
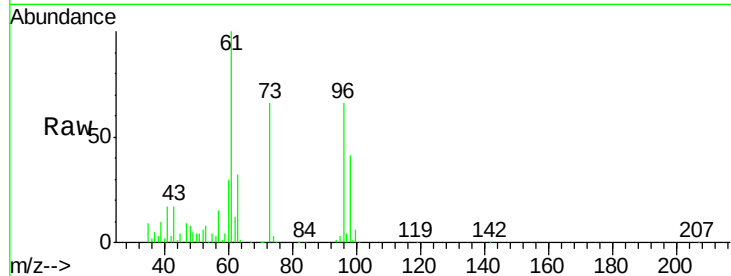
ClientSampleId :

ICVW032919

Tot Ion:	96	Resp:	169534
Ion	Ratio	Lower	Upper
96	100		
61	150.4	108.2	162.4
98	61.4	50.9	76.3

Manual Integrations
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MMDadoda
4/1/2019 4:04:49 AM



#22

Diisopropyl ether

Concen: 50.605 ug/l

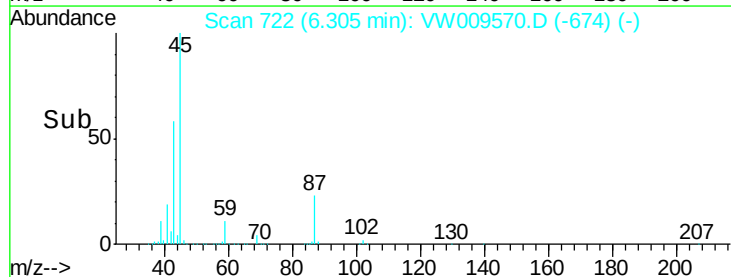
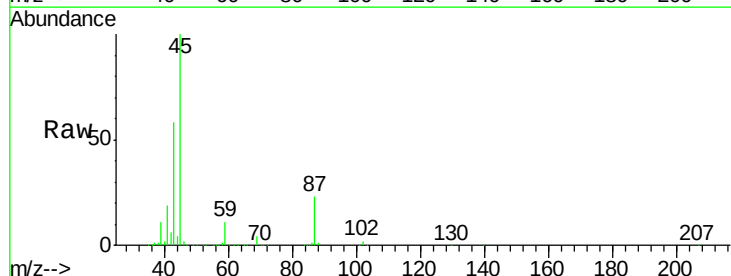
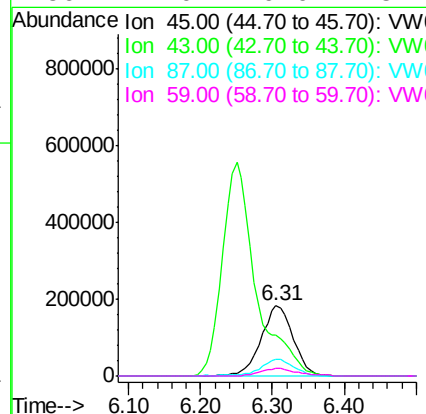
RT: 6.31 min Scan# 722

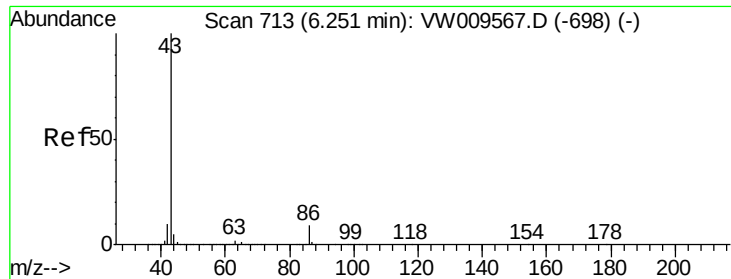
Delta R.T. -0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion:	45	Resp:	568705
Ion	Ratio	Lower	Upper
45	100		
43	56.9	47.9	71.9
87	23.0	20.6	30.8
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 257.320 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tot Ion: 43 Resp: 1804003

Ion Ratio Lower Upper

43 100

86 9.3 7.7 11.5

Instrument :

MSVOA_W

ClientSampleId :

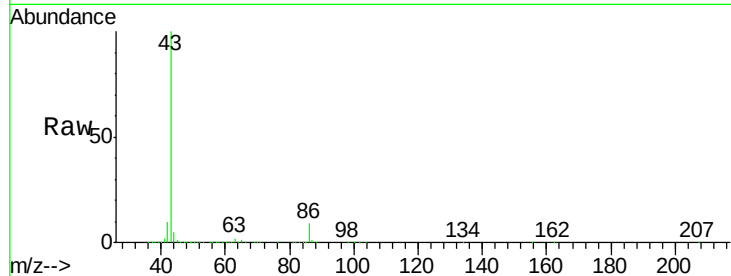
ICVW032919

Manual Integrations

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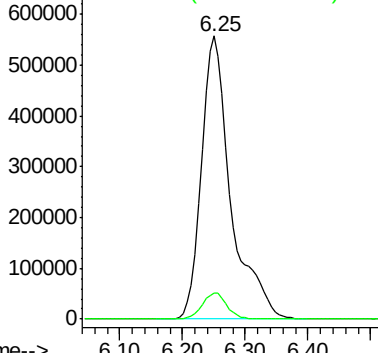
MMDadoda

4/1/2019 4:04:49 AM

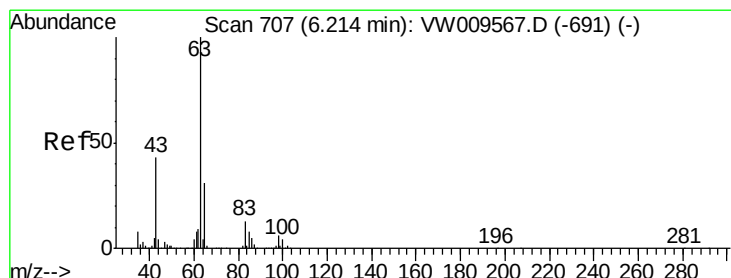
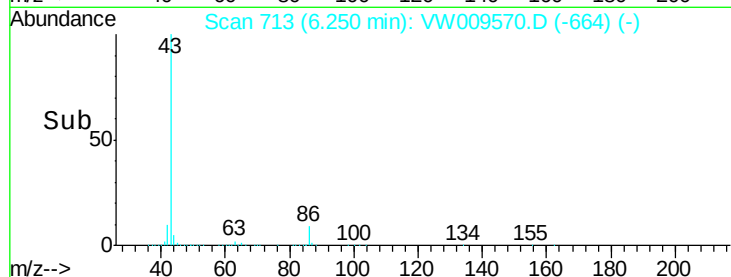


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 48.558 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

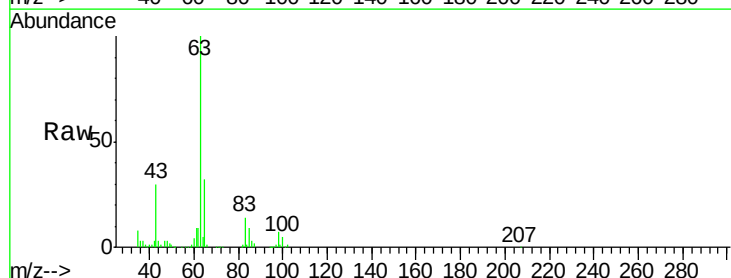
Tgt Ion: 63 Resp: 328448

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

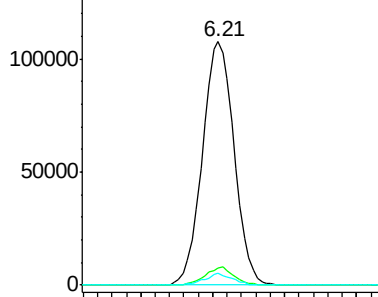
100 5.0 2.4 7.1



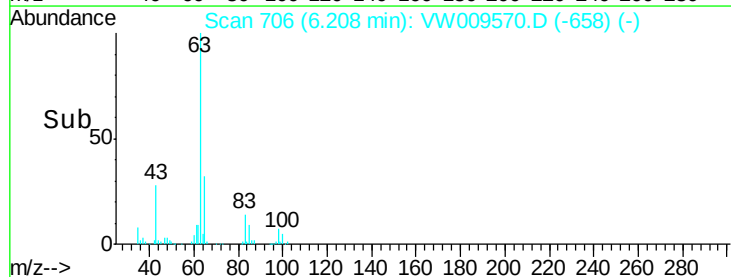
Abundance Ion 62.90 (62.60 to 63.60): VW

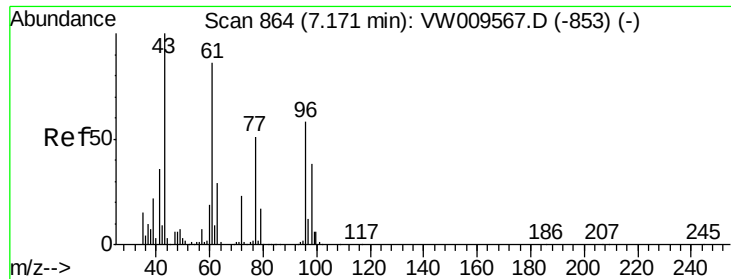
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 256.272 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 43 Resp: 306904

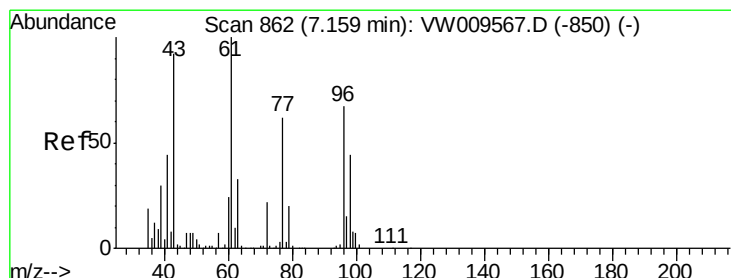
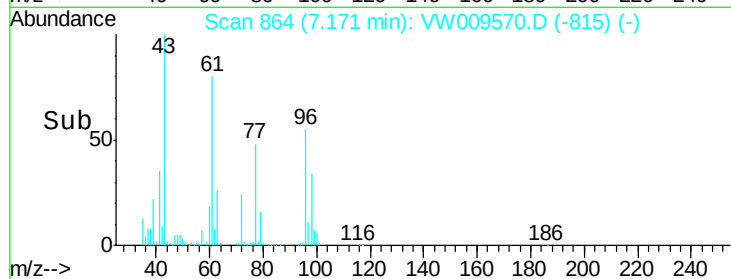
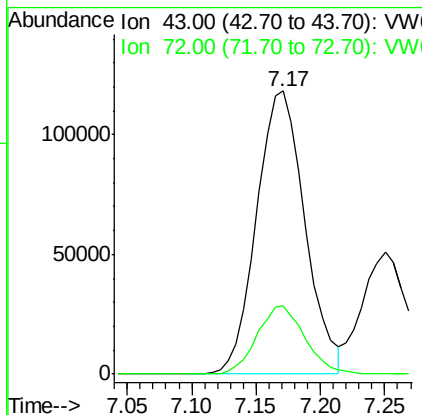
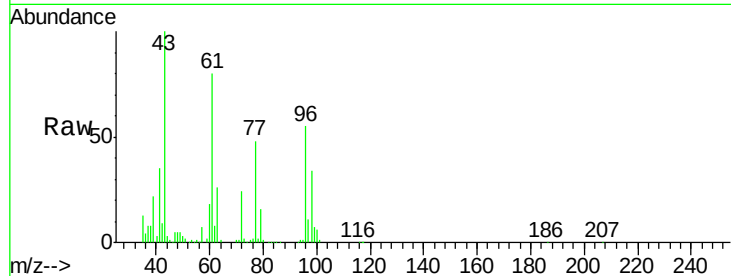
Ion Ratio Lower Upper

43 100

72 24.4 20.0 30.0

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:04:49 AM



#26

2,2-Dichloropropane

Concen: 50.652 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009570.D

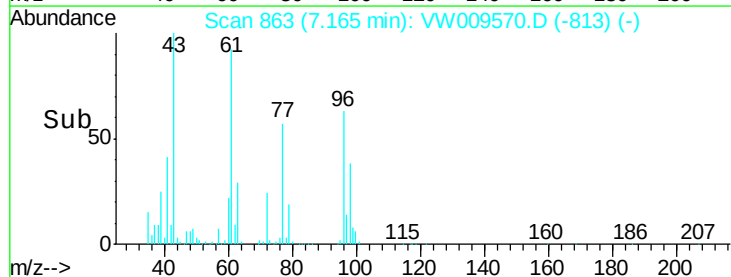
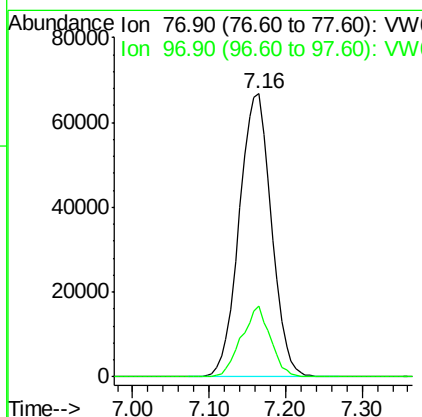
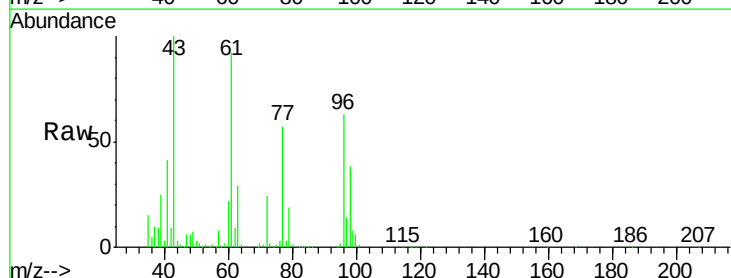
Acq: 29 Mar 2019 12:51

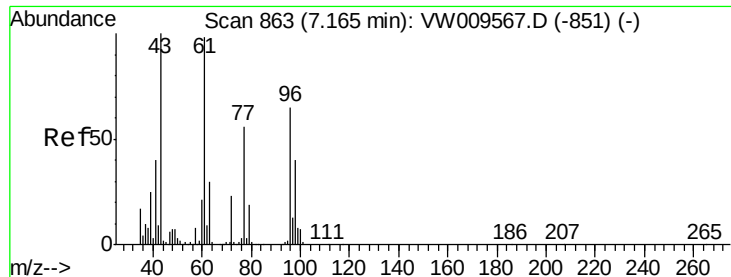
Tgt Ion: 77 Resp: 195881

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7





#27

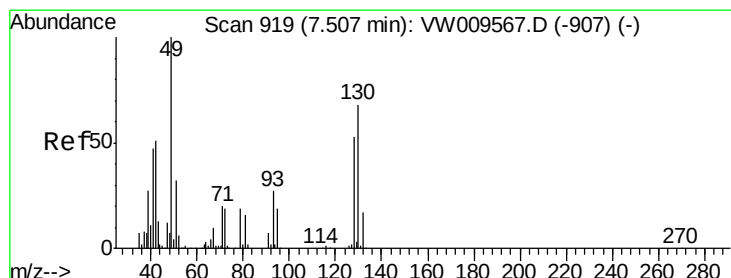
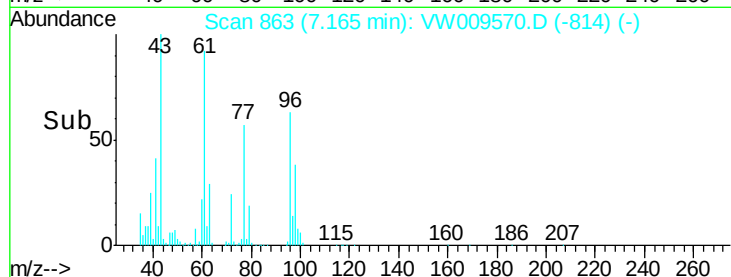
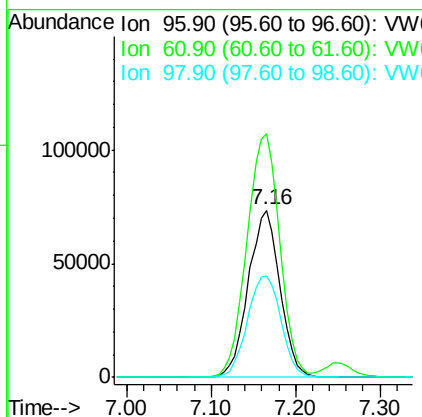
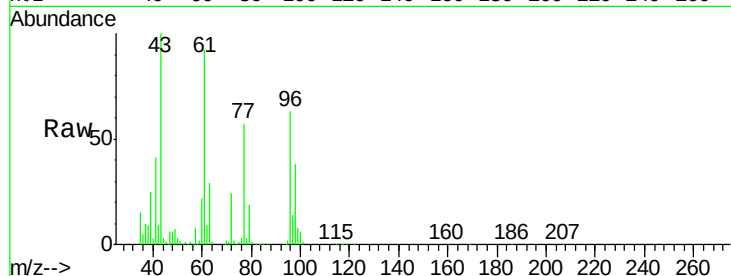
cis-1,2-Dichloroethene
 Concen: 49.681 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187418		
61	151.6	0.0	289.8	
98	64.3	0.0	130.8	

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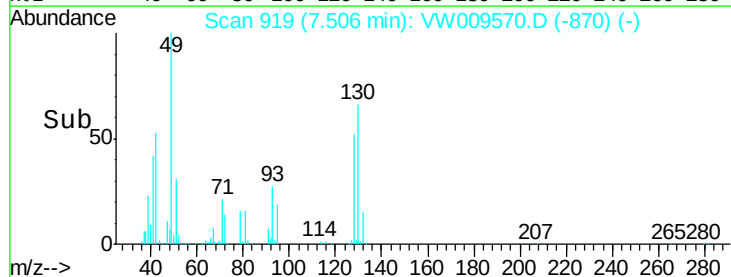
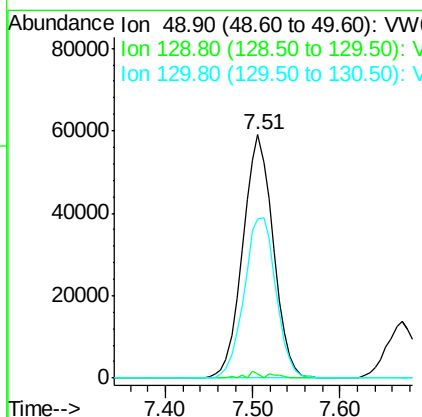
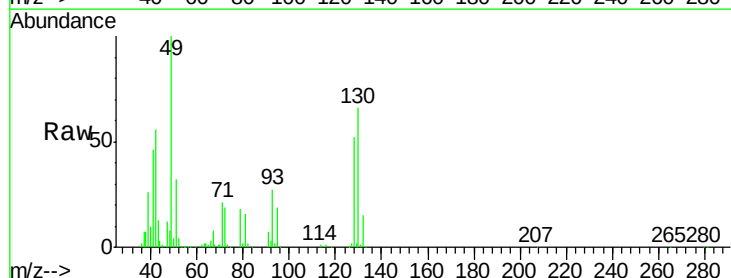
MMDadoda
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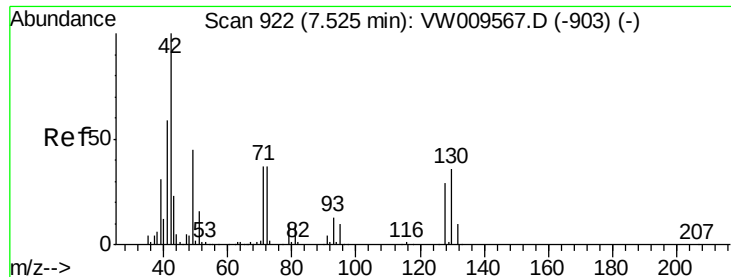


#28

Bromochloromethane
 Concen: 48.725 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	142813		
129	0.7	0.0	1.4	
130	68.8	58.6	88.0	





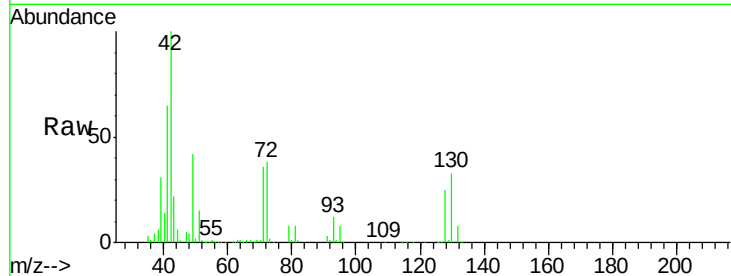
#29
Tetrahydrofuran
Concen: 252.395 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

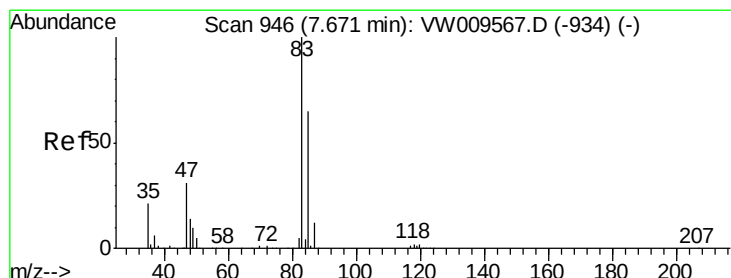
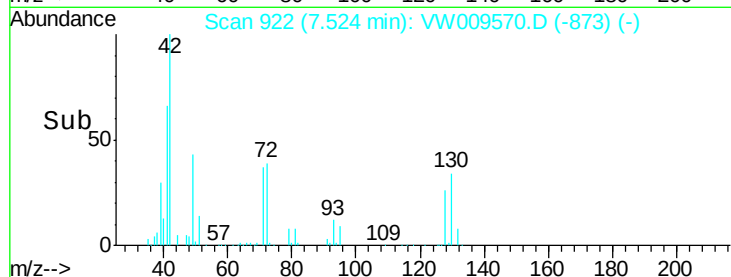
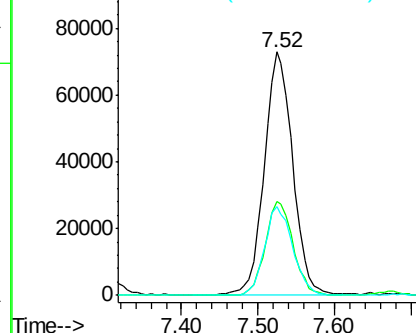
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.4	48.6
71	36.5	30.1	45.1

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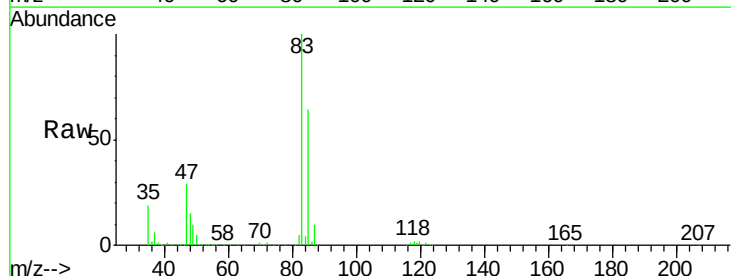


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

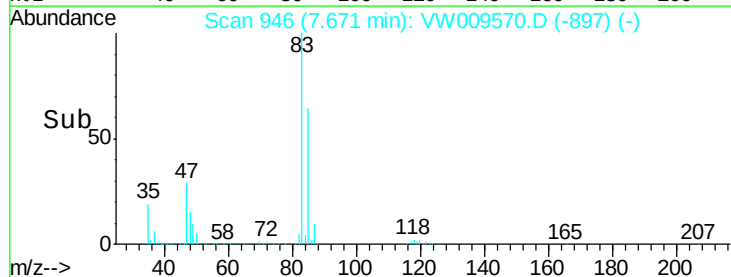
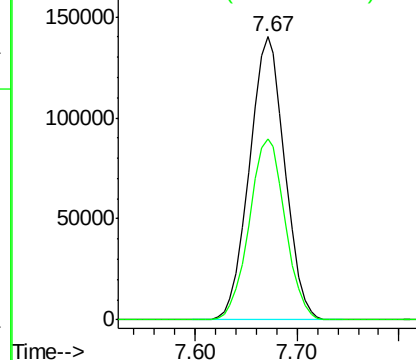


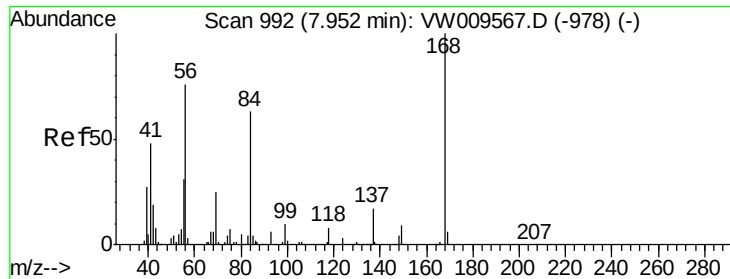
#30
Chloroform
Concen: 48.236 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.6



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





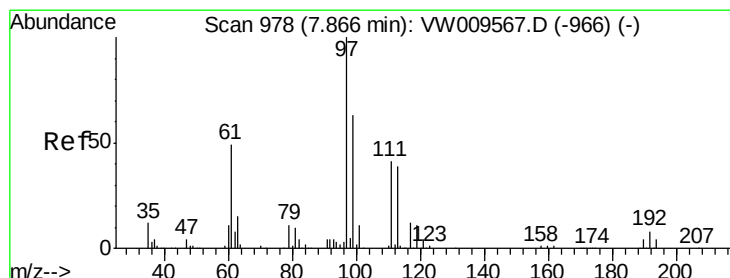
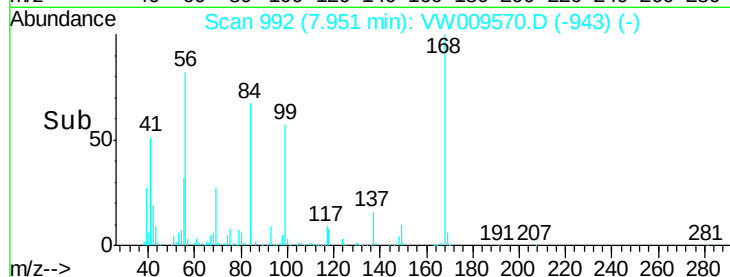
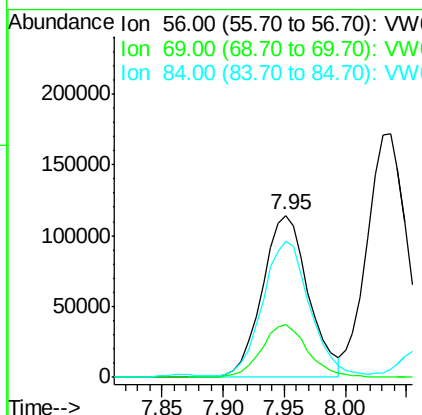
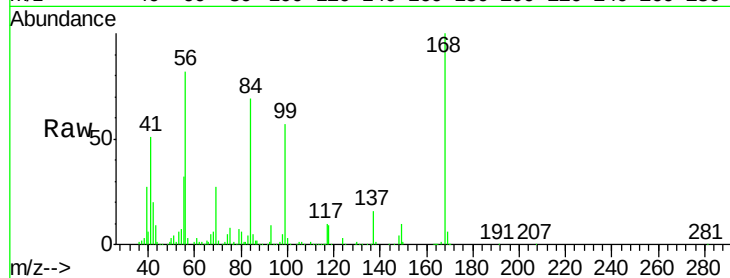
#31
Cyclohexane
Concen: 47.209 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.1	39.1
84	82.2	68.6	103.0

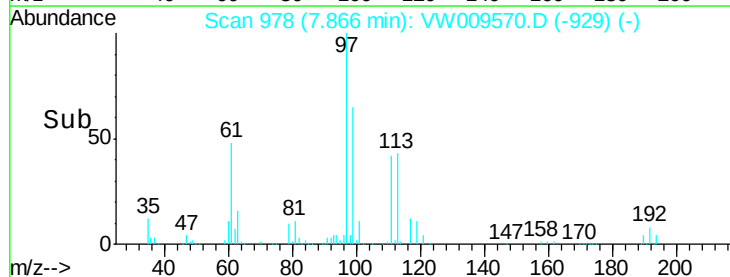
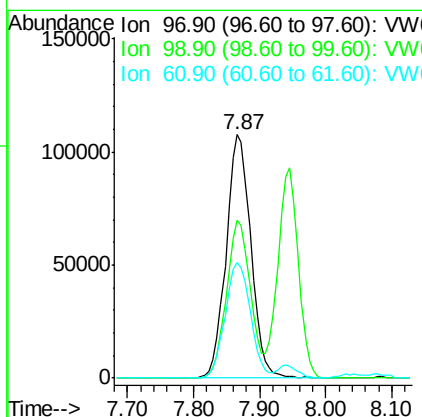
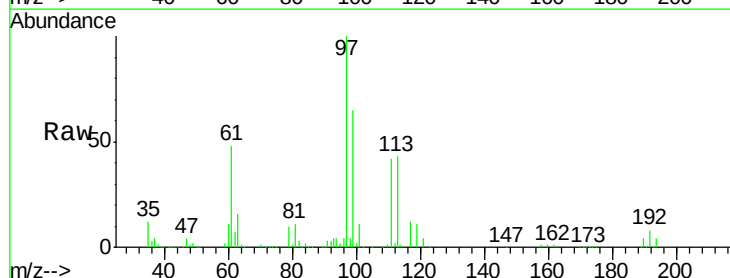
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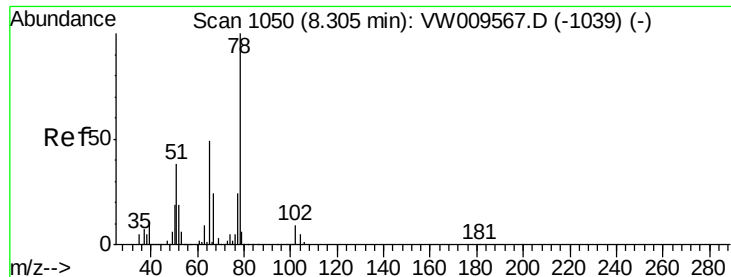
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#32
1,1,1-Trichloroethane
Concen: 49.113 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.9	77.9
61	48.8	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 48.329 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 65 Resp: 186283

Ion Ratio Lower Upper

65 100

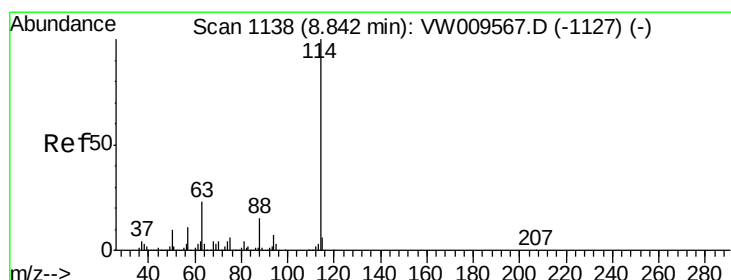
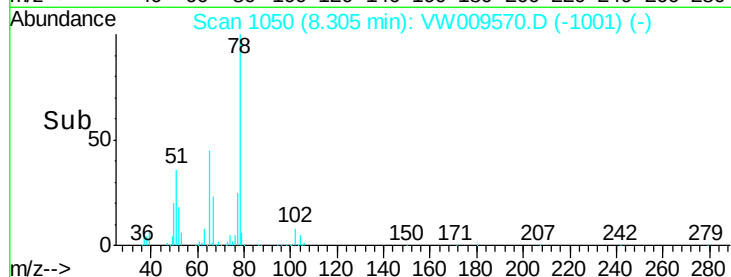
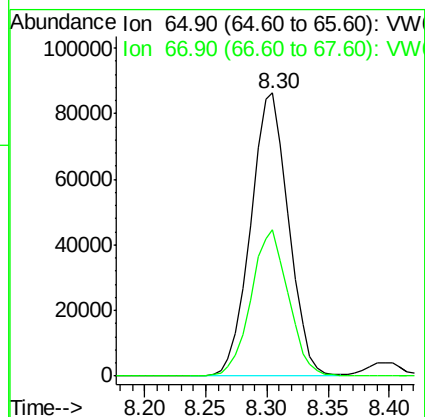
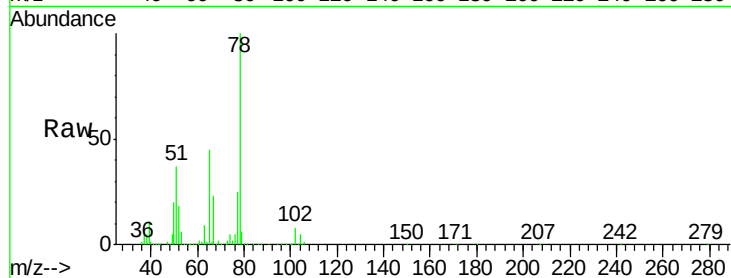
67 51.0 0.0 102.4

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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: VW009570.D

Acq: 29 Mar 2019 12:51

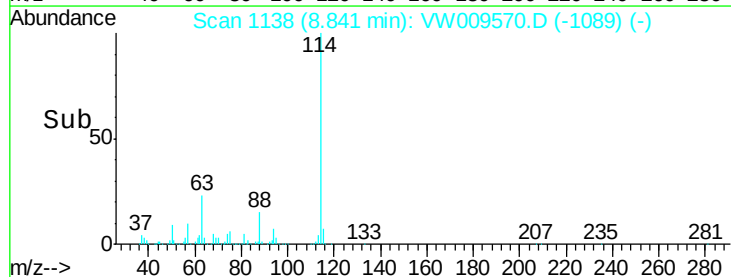
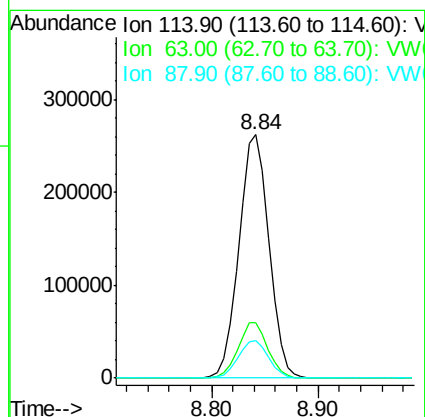
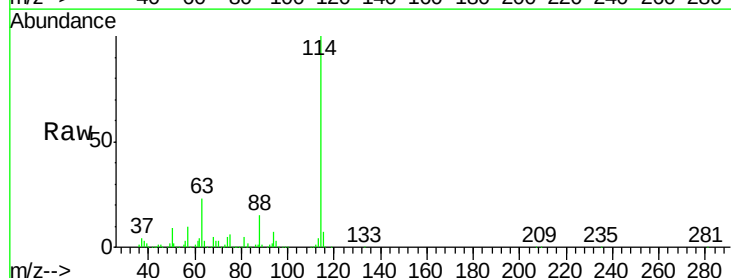
Tgt Ion: 114 Resp: 519724

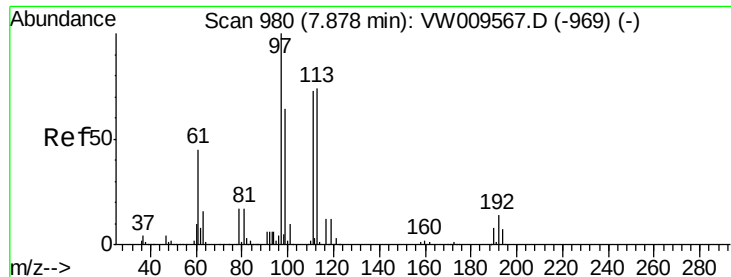
Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.627 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

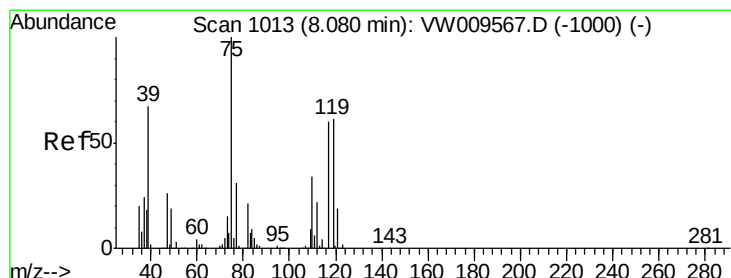
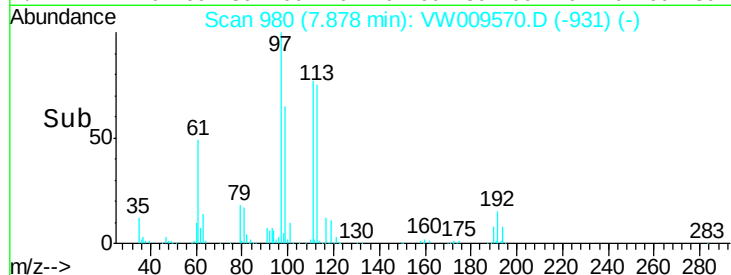
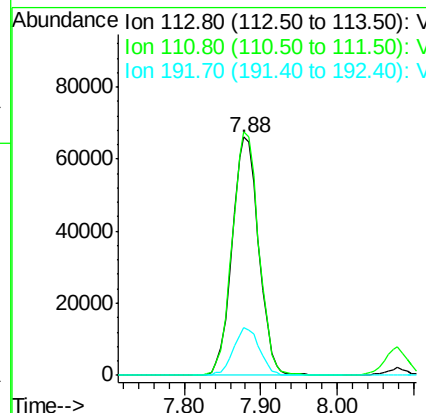
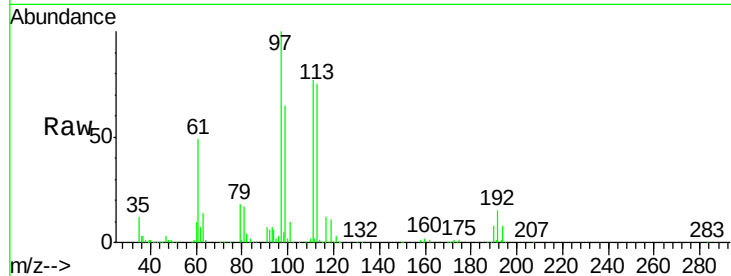
ClientSampleId :

ICVW032919

Tot Ion:	113	Resp:	158731
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.6	124.0
192	19.5	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 49.671 ug/l

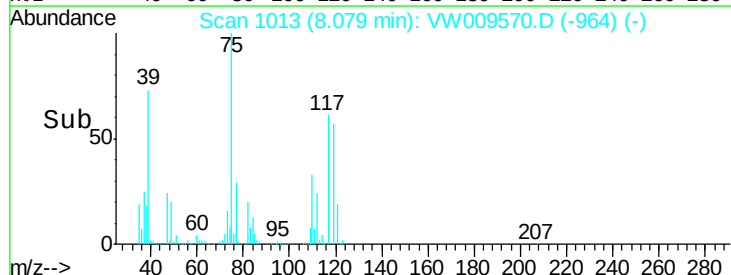
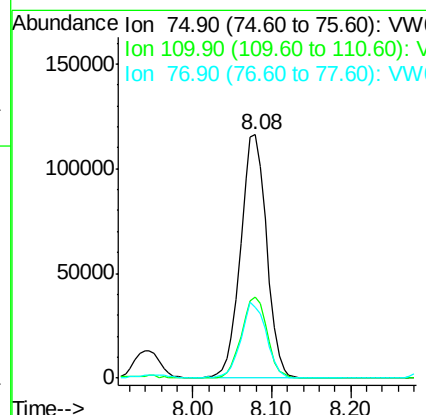
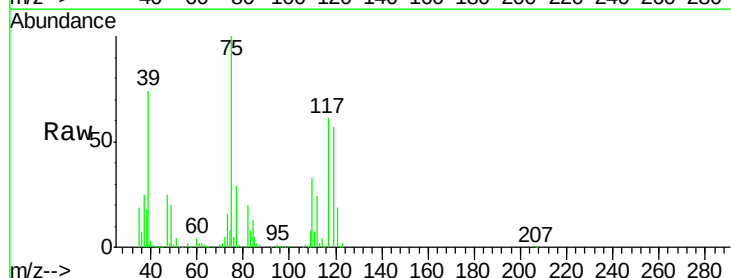
RT: 8.08 min Scan# 1013

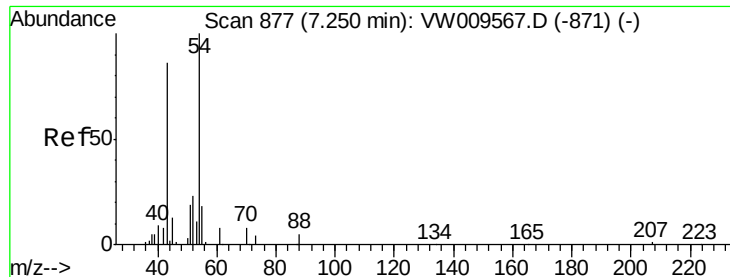
Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion:	75	Resp:	267015
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.8	50.4
77	30.5	24.6	36.8





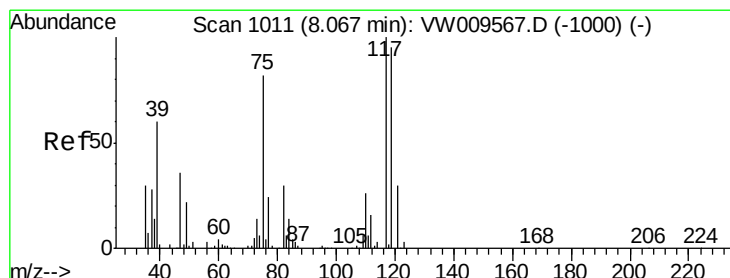
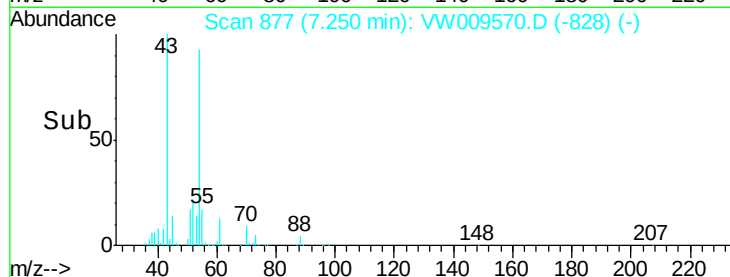
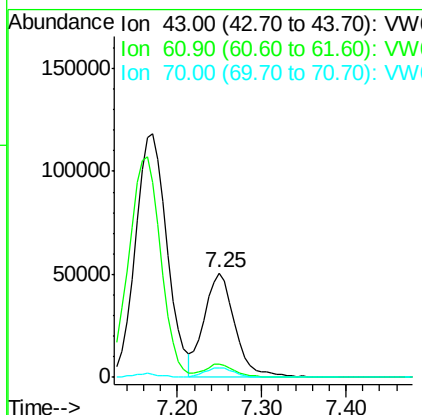
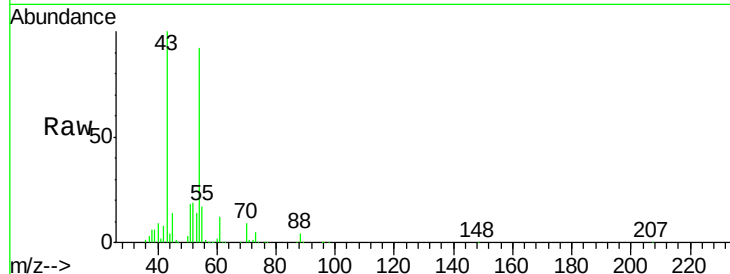
#37
Ethyl Acetate
Concen: 50.094 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.0	15.0
70	9.0	7.3	10.9

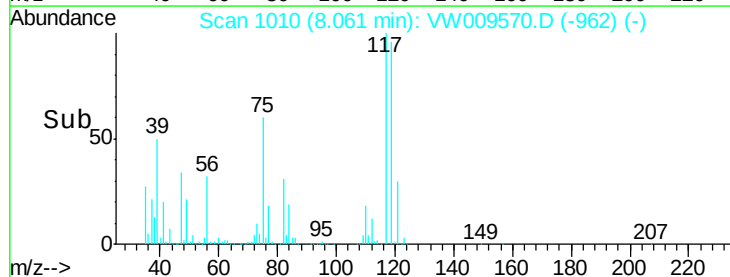
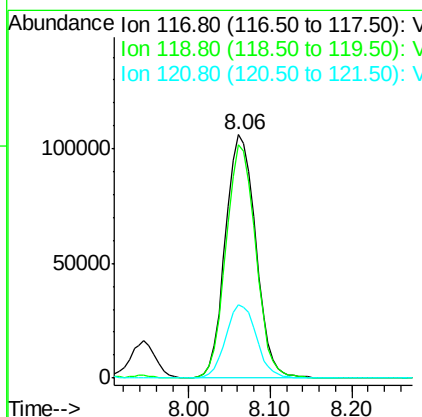
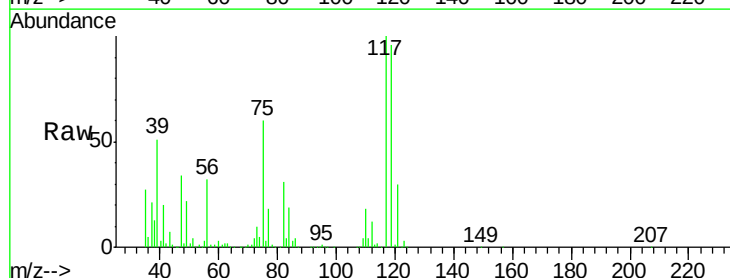
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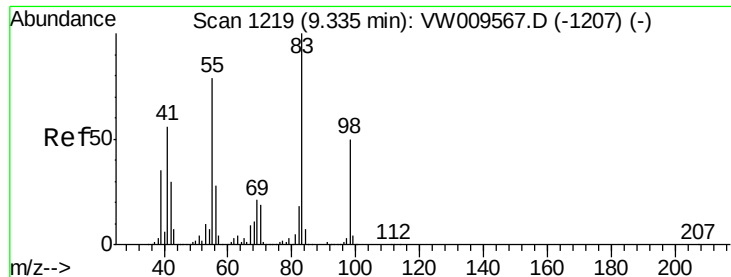
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#38
Carbon Tetrachloride
Concen: 49.636 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.4	113.0
121	30.1	24.9	37.3





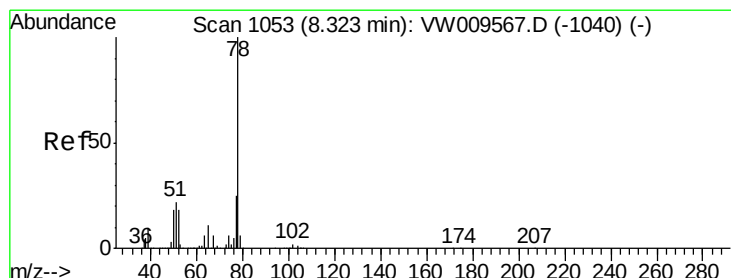
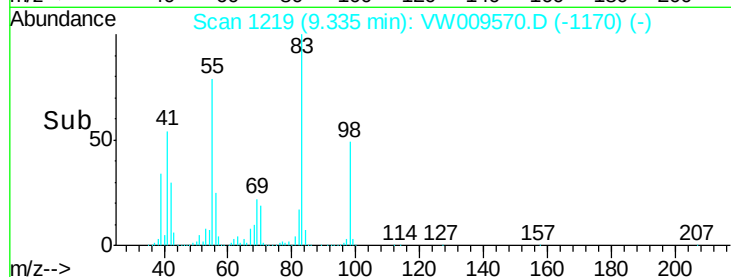
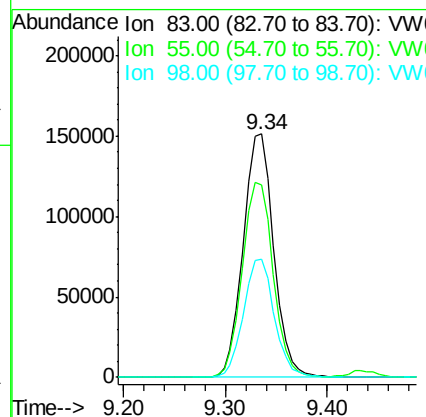
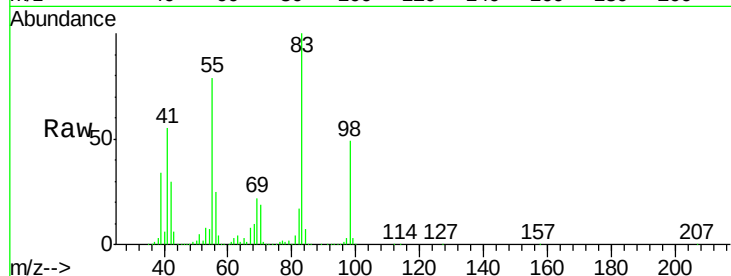
#39
Methylvlcyclohexane
Concen: 51.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.0		61.1	91.7
98	48.7		39.0	58.4

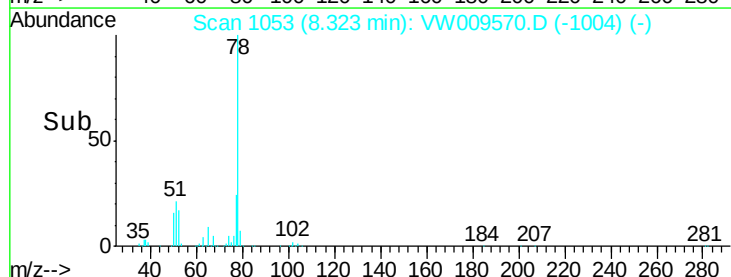
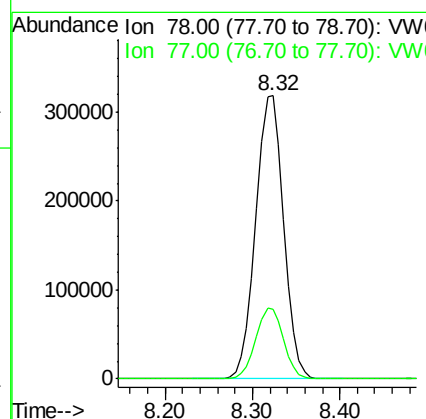
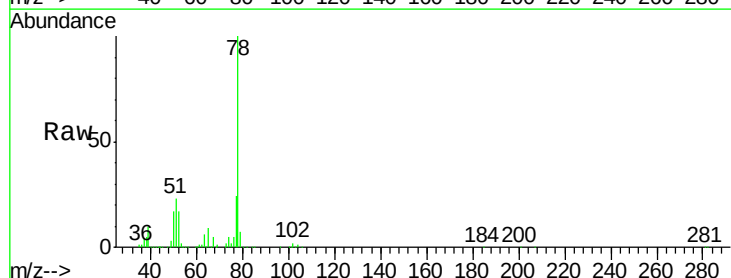
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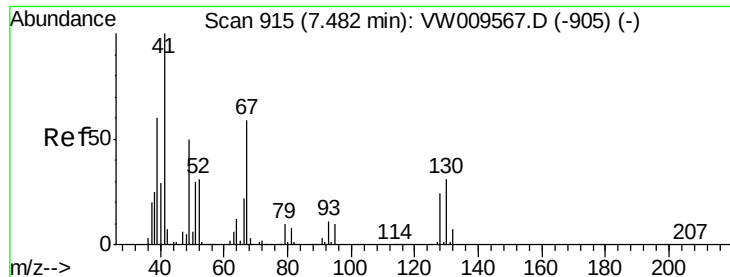
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#40
Benzene
Concen: 48.606 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4		19.8	29.6





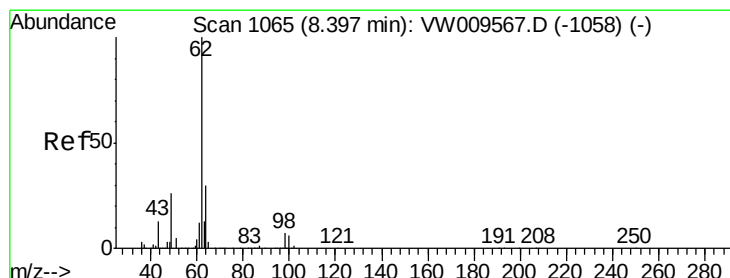
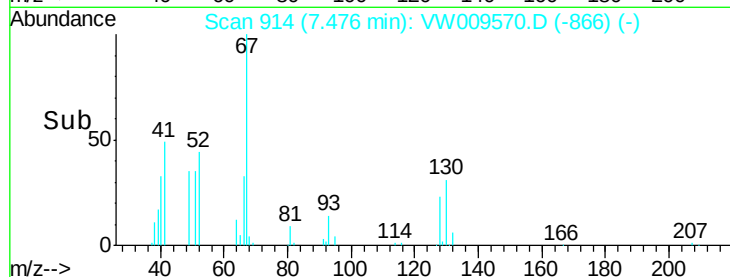
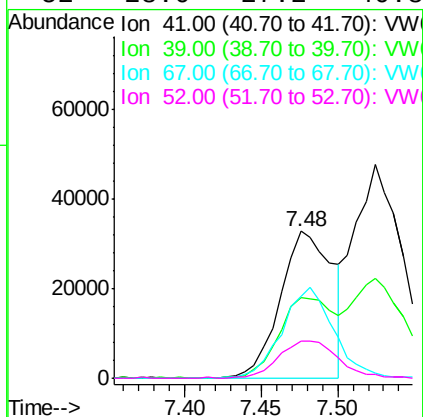
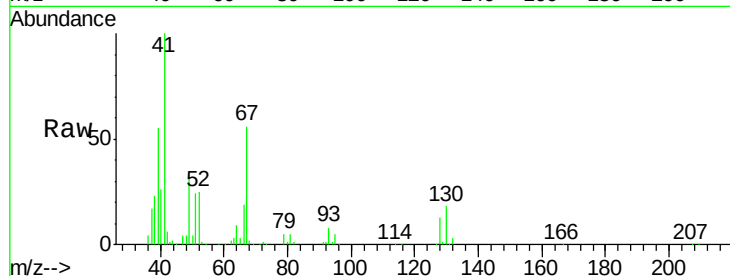
#41
Methacrylonitrile
Concen: 47.118 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	52.5	78.7	
67	61.3	56.6	84.8	
52	28.0	27.2	40.8	

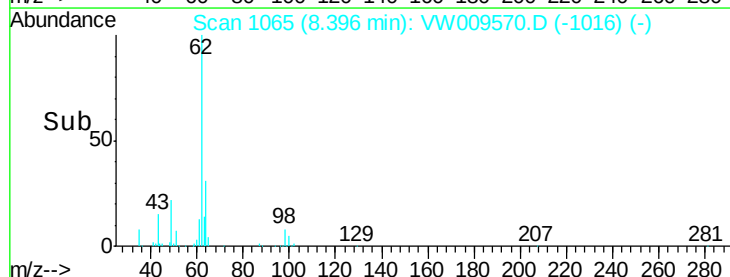
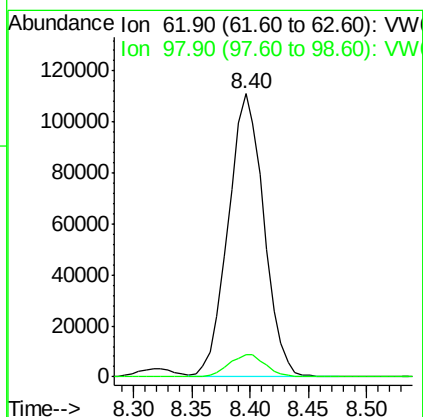
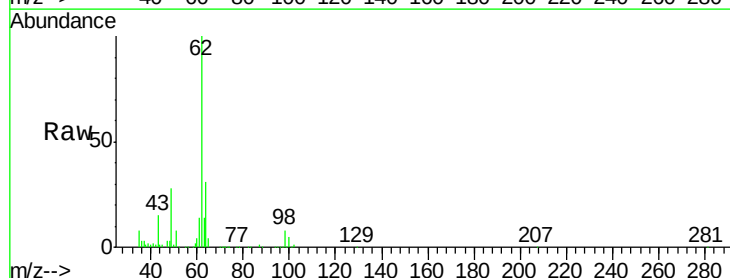
Manual Integrations
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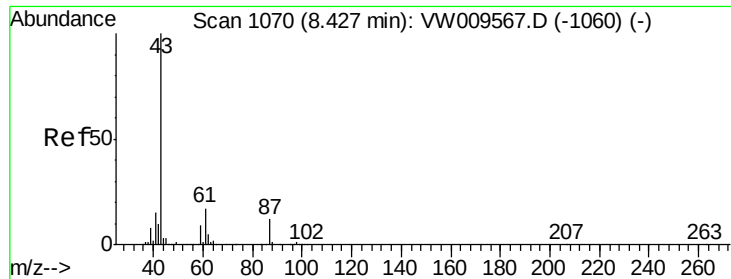
MMDadoda
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#42
1,2-Dichloroethane
Concen: 47.728 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	17.4	





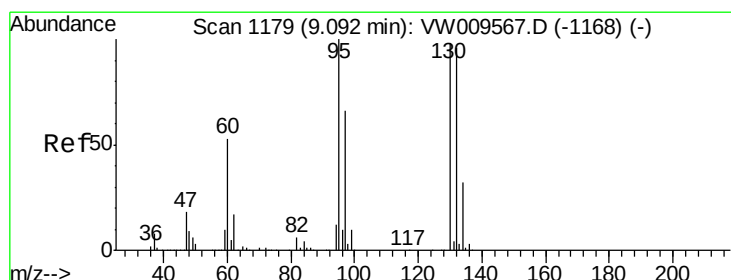
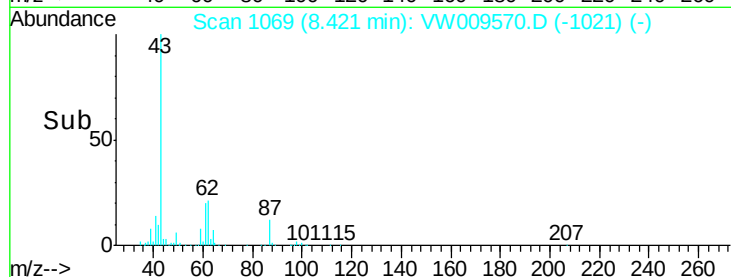
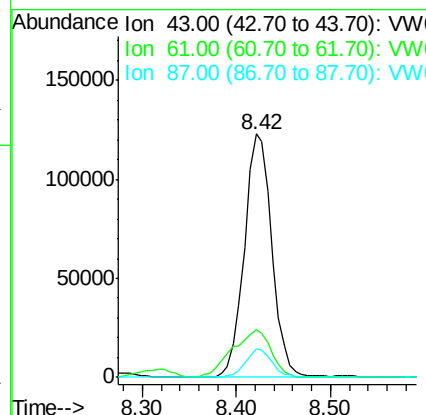
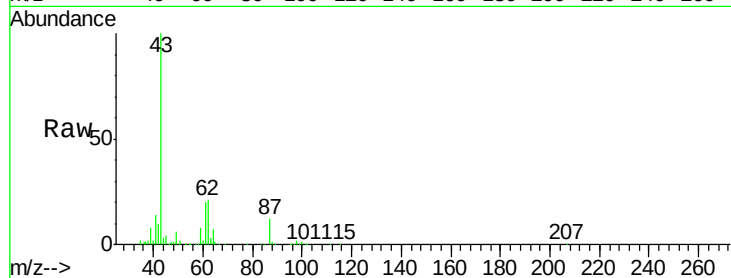
#43
Isopropyl Acetate
Concen: 49.913 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	22.2	33.2
87	11.4	9.6	14.4

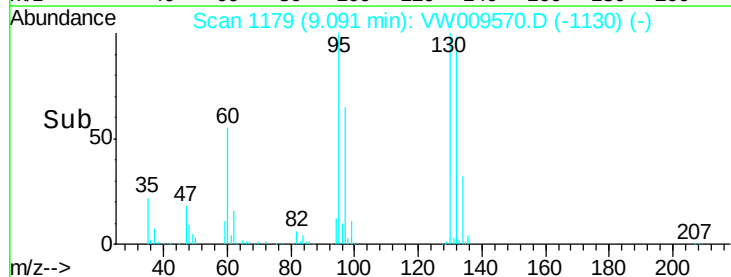
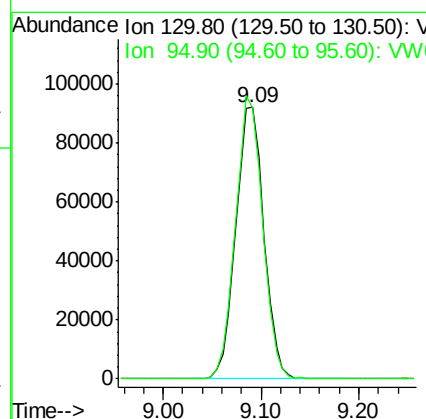
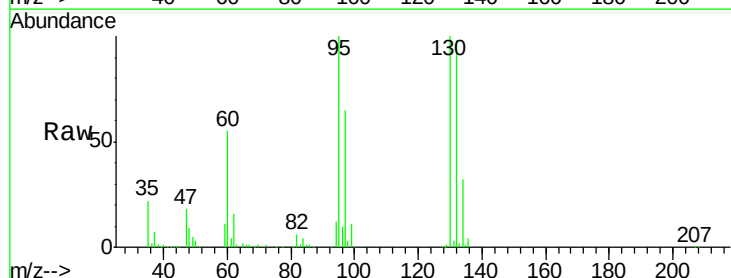
Manual Integrations
APPROVED

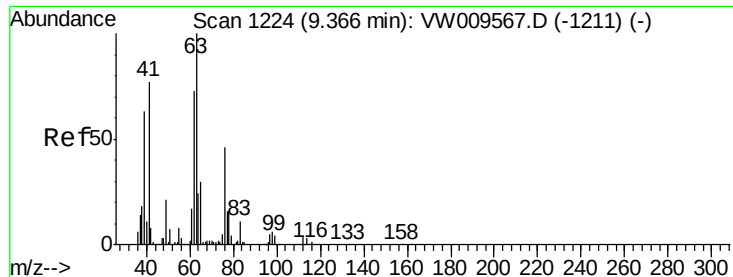
MMDadoda
4/1/2019 4:04:49 AM



#44
Trichloroethene
Concen: 48.727 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	192.6





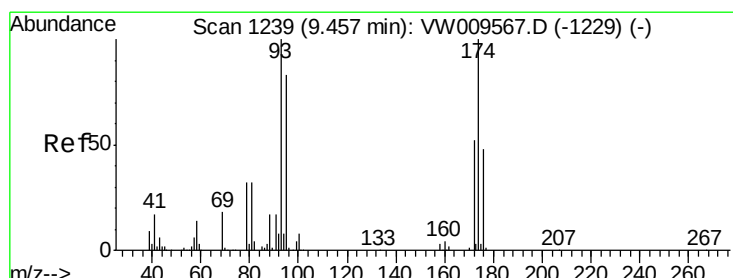
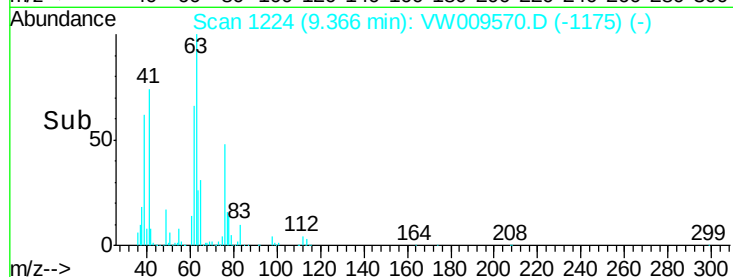
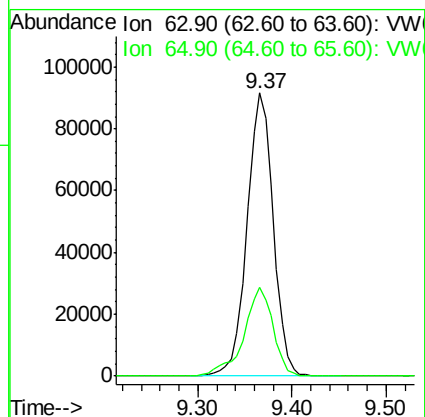
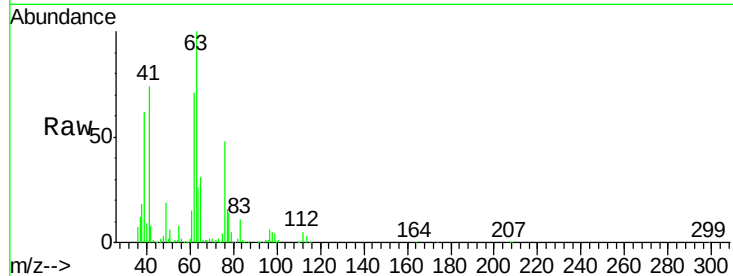
#45
 1,2-Dichloropropane
 Concen: 47.941 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW032919

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.8	38.8

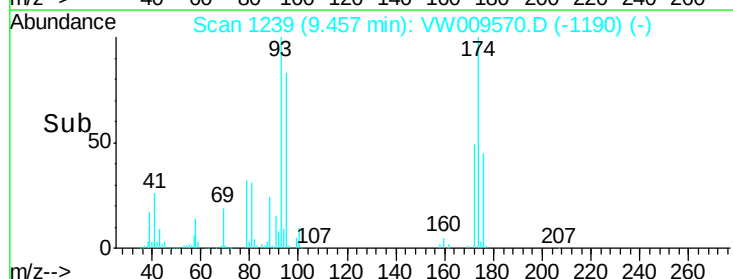
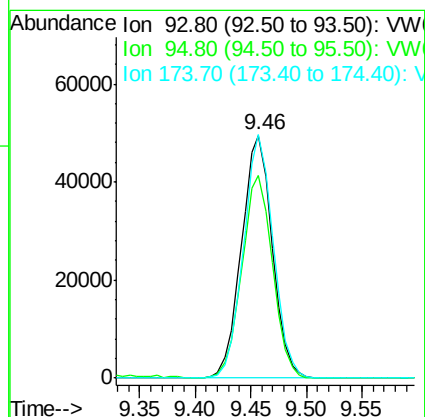
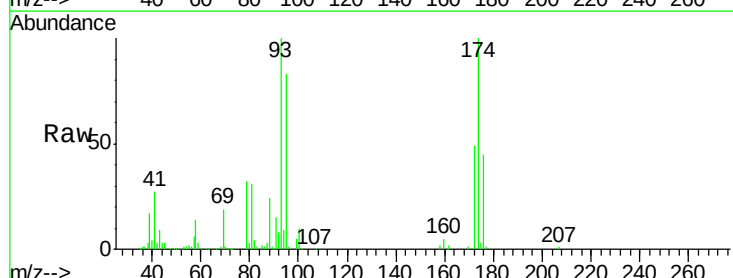
Manual Integrations
 APPROVED

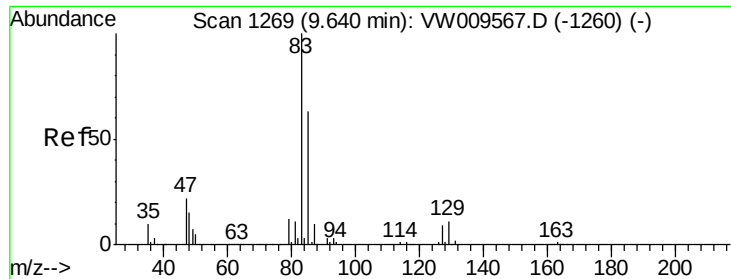
MMDadoda
 4/1/2019 4:04:49 AM



#46
 Dibromomethane
 Concen: 47.012 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.9	100.3
174	97.2	80.8	121.2





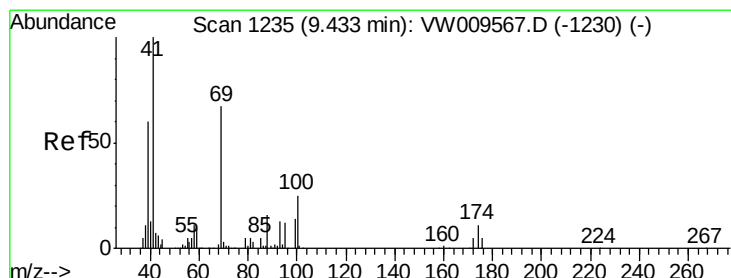
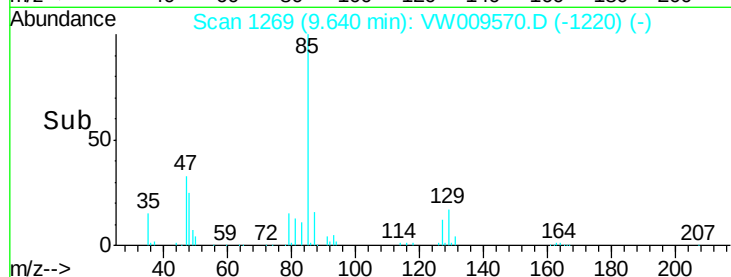
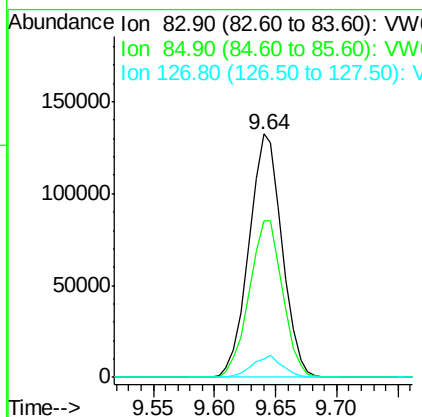
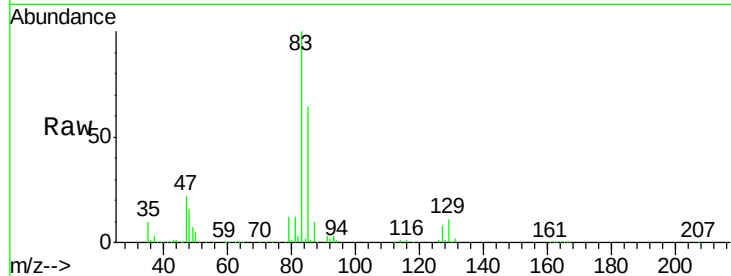
#47
Bromodichloromethane
Concen: 48.425 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	83	Resp	249394
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	52.6	79.0
127	7.6	6.5	9.7

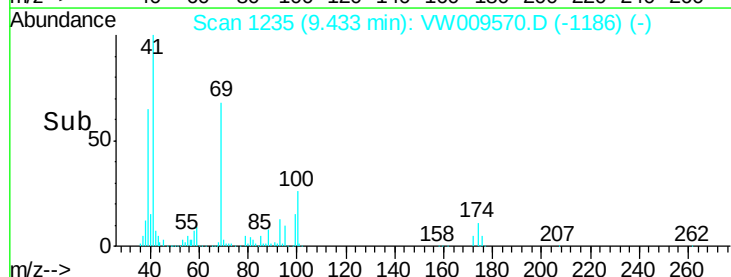
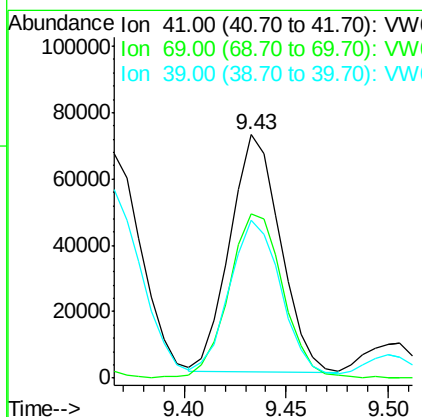
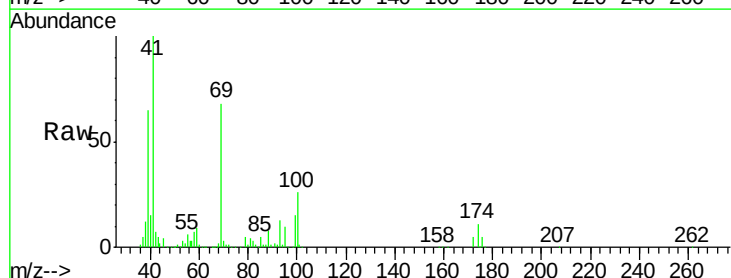
Manual Integrations
APPROVED

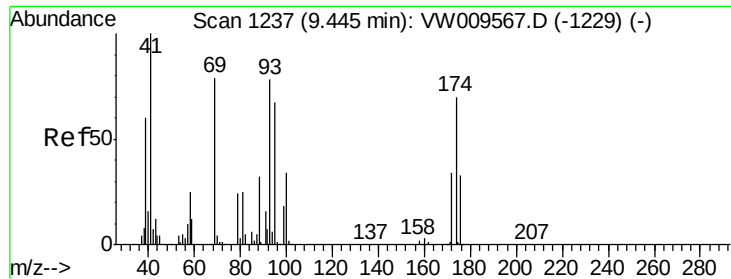
MMDadoda
4/1/2019 4:04:49 AM



#48
Methyl methacrylate
Concen: 52.320 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	41	Resp	122754
Ion Ratio	100	Lower	Upper
41	100		
69	74.1	63.0	94.6
39	64.9	57.2	85.8





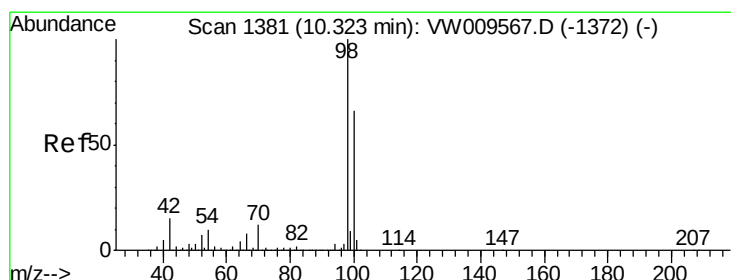
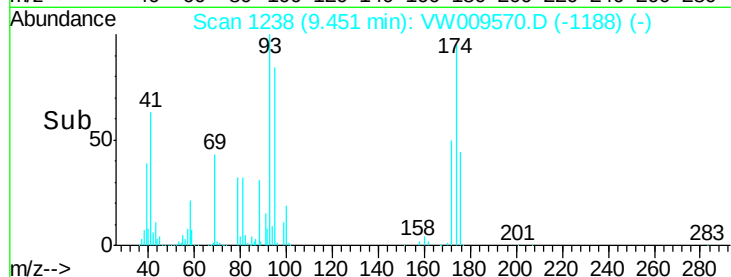
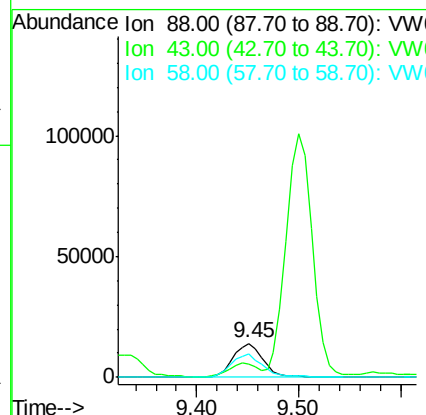
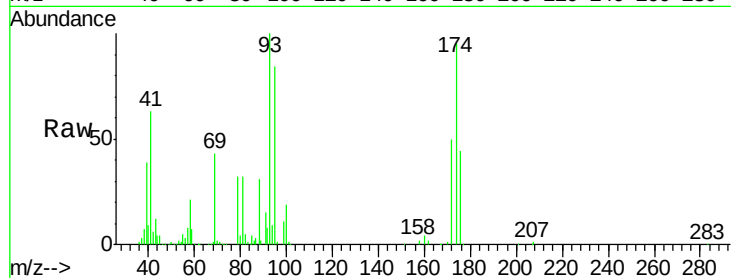
#49
1,4-Dioxane
Concen: 952.146 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	88	Resp	28628
Ion	Ratio	Lower	Upper
88	100		
43	36.1	29.7	44.5
58	74.2	58.1	87.1

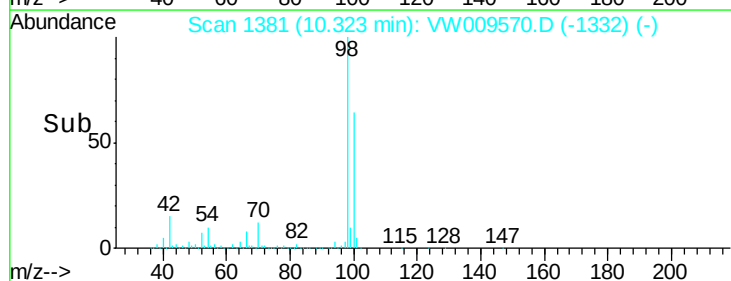
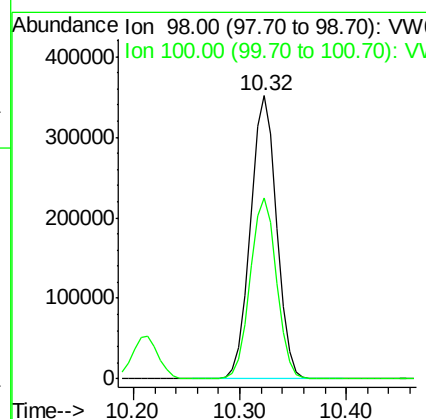
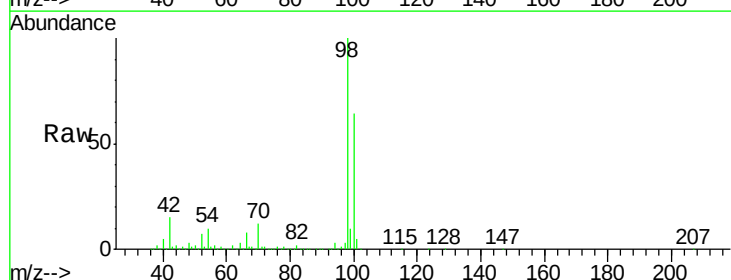
Manual Integrations
APPROVED

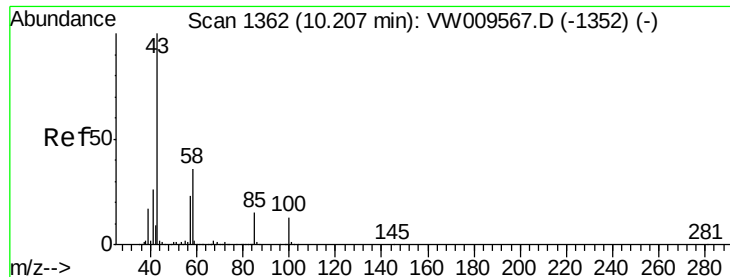
MMDadoda
4/1/2019 4:04:49 AM



#50
Toluene-d8
Concen: 50.262 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	98	Resp	606416
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	79.0





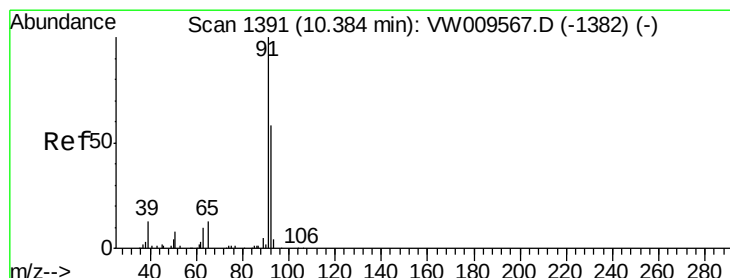
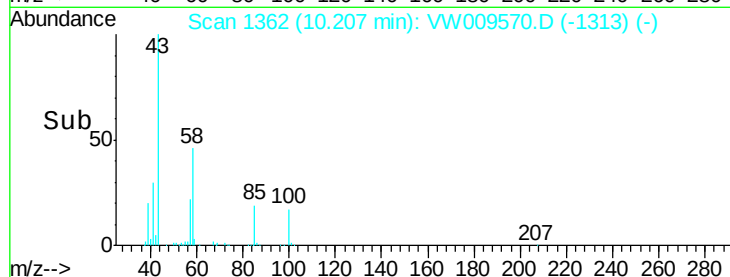
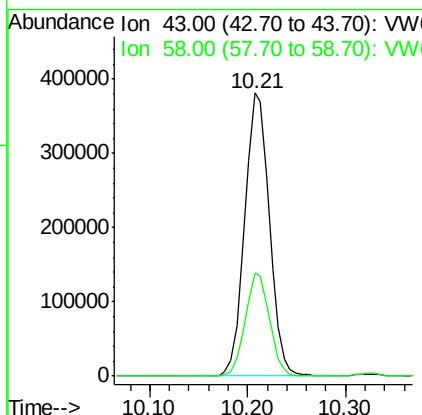
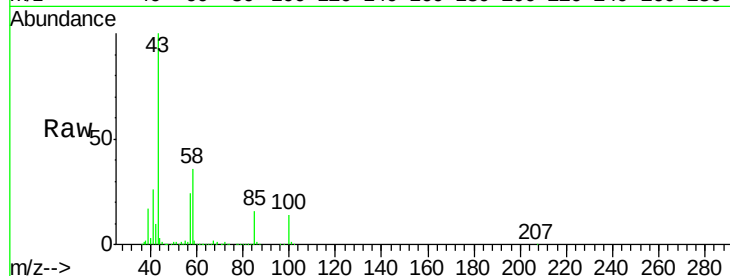
#51
4-Methyl-2-Pentanone
Concen: 249.245 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.6	42.8

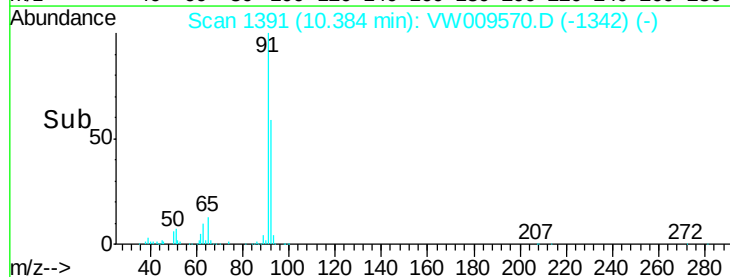
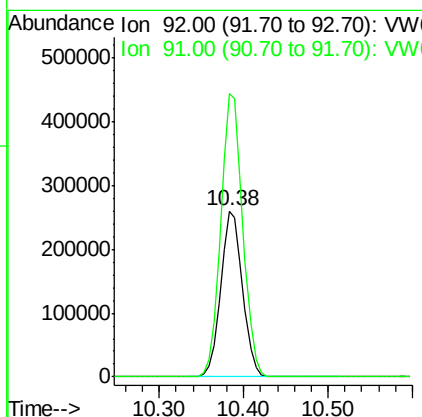
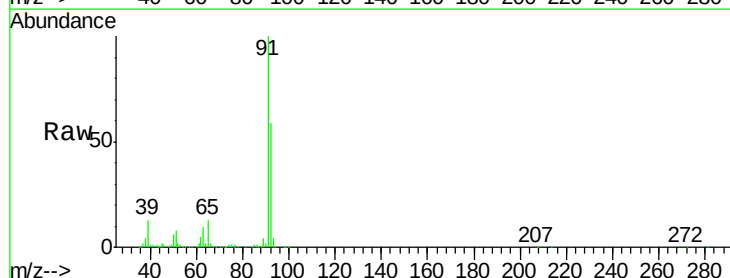
Manual Integrations
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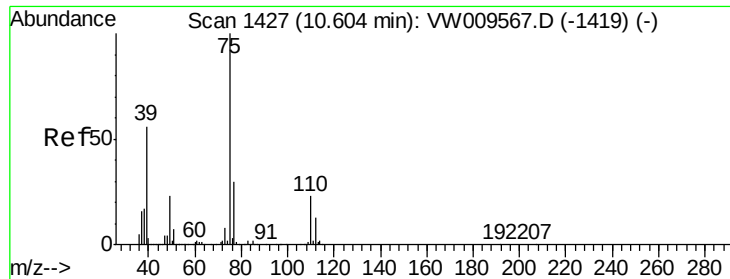
MMDadoda
4/1/2019 4:04:49 AM



#52
Toluene
Concen: 49.974 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.8	140.1	210.1





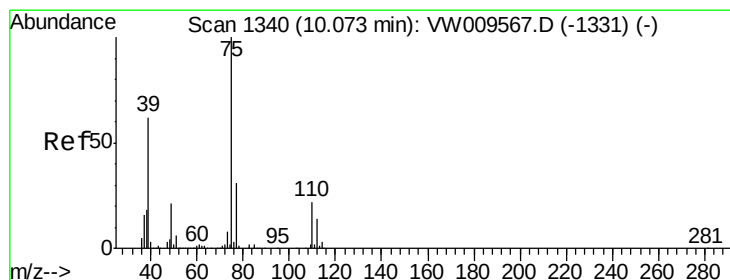
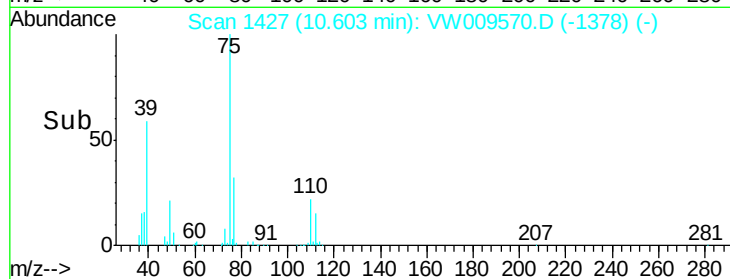
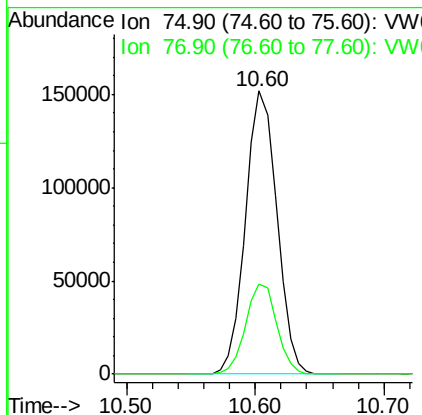
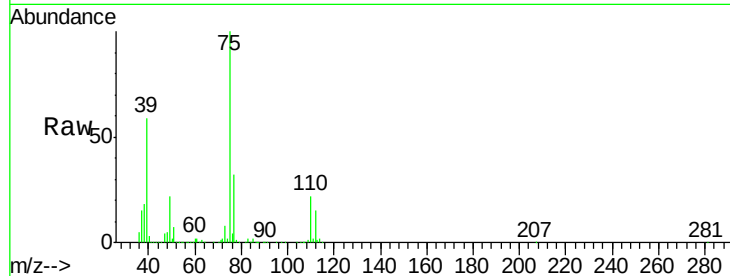
#53
t-1,3-Dichloropropene
Concen: 50.697 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2

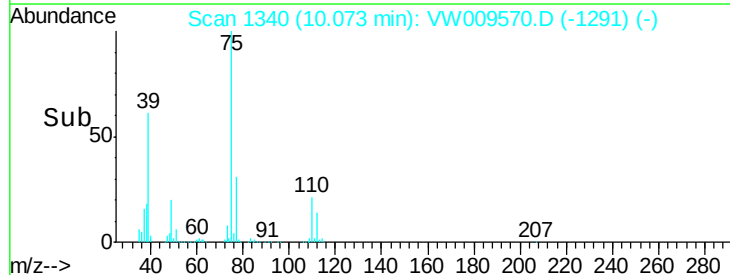
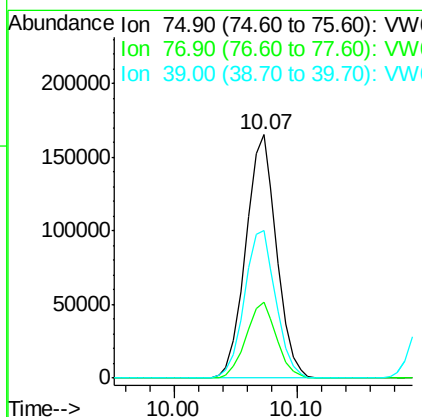
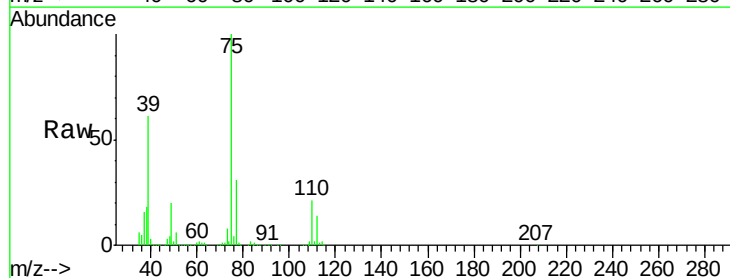
Manual Integrations
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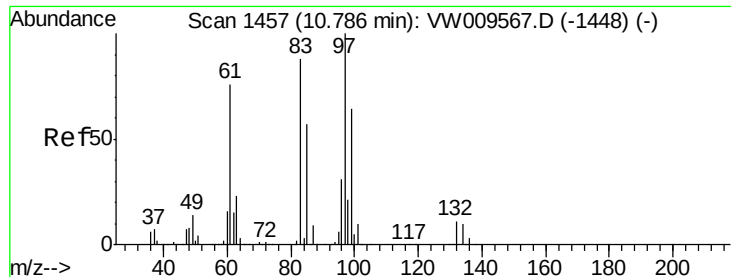
MMDadoda
4/1/2019 4:04:49 AM



#54
cis-1,3-Dichloropropene
Concen: 51.548 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.9	38.9
39	60.8	46.8	70.2





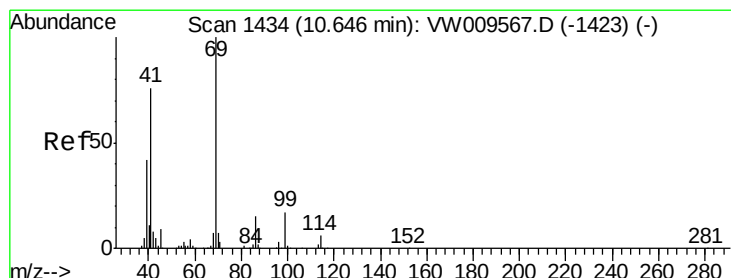
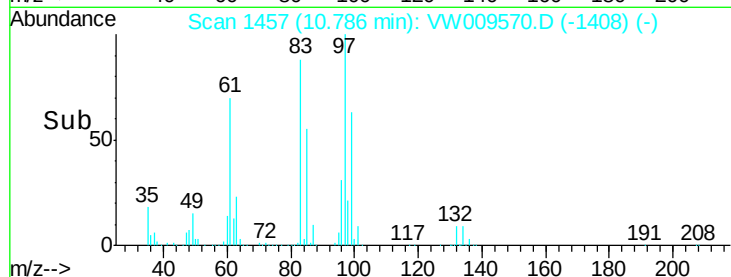
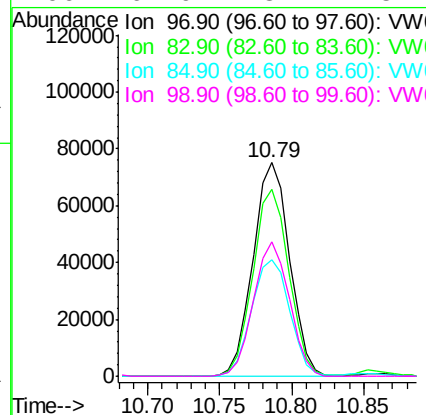
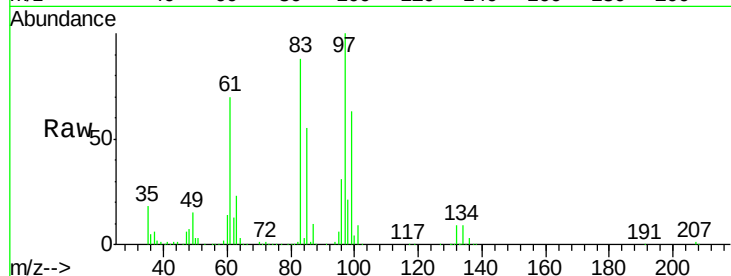
#55
 1,1,2-Trichloroethane
 Concen: 48.308 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Resp	Lower	Upper
97	100	131834		
83	87.7	66.3	99.5	
85	54.7	41.4	62.2	
99	62.9	48.7	73.1	

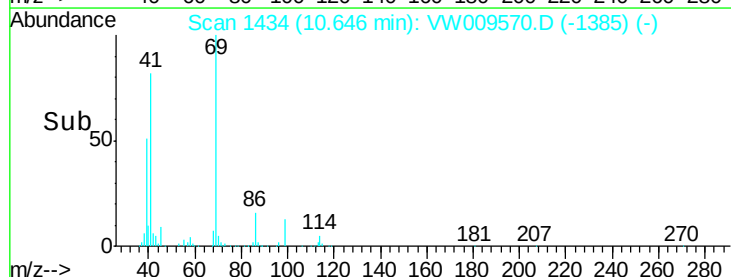
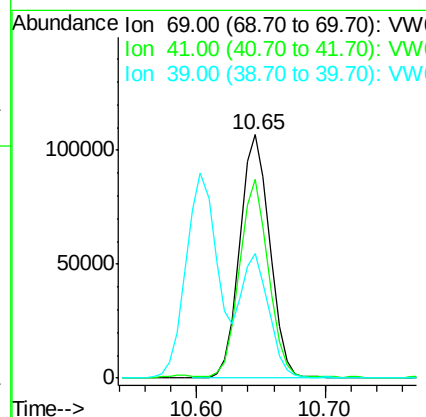
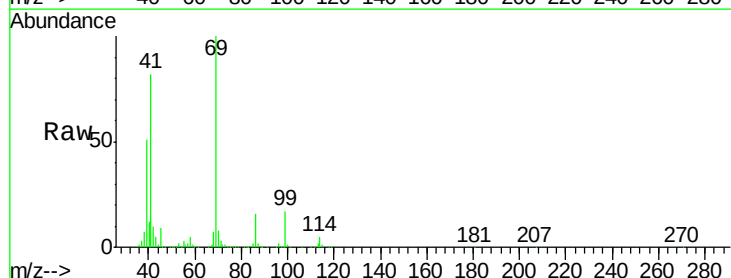
Manual Integrations
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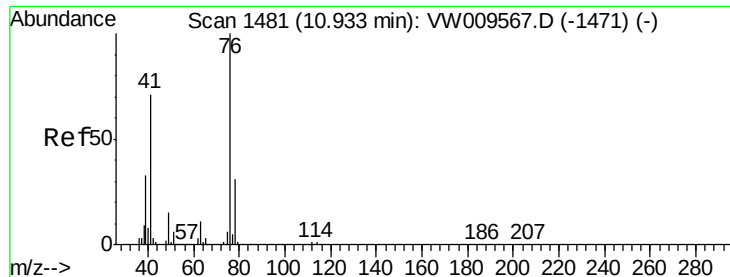
MMDadoda
 4/1/2019 4:04:49 AM



#56
 Ethyl methacrylate
 Concen: 46.044 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	172803		
41	78.4	59.3	88.9	
39	46.1	36.2	54.2	





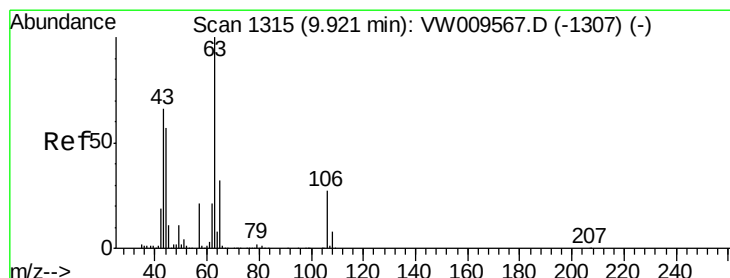
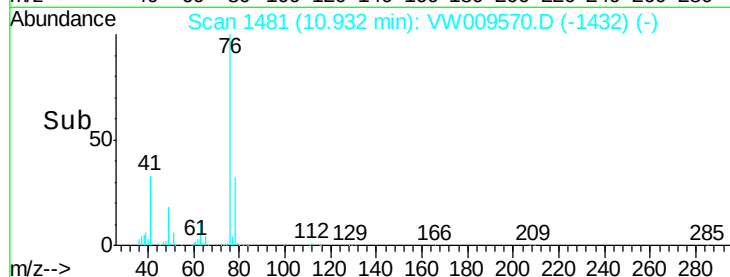
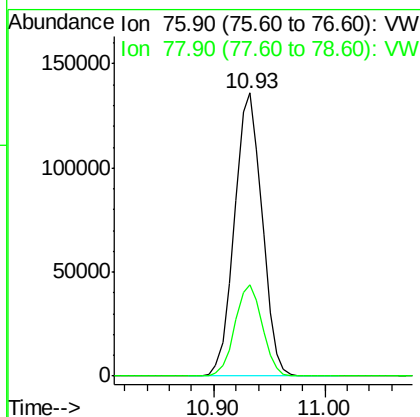
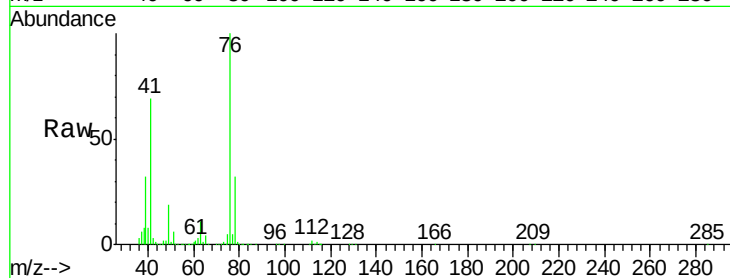
#57
 1,3-Dichloropropane
 Concen: 48.259 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

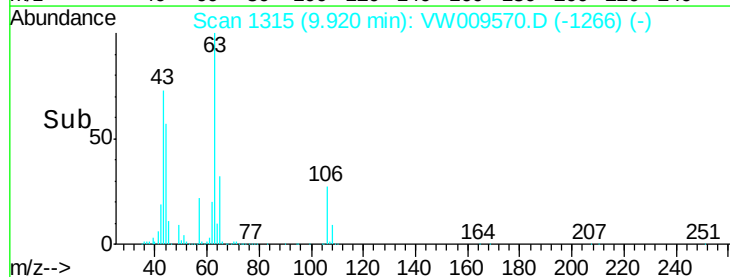
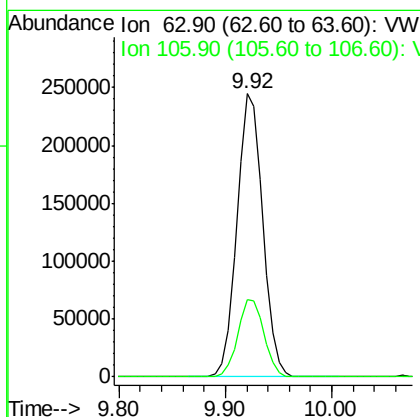
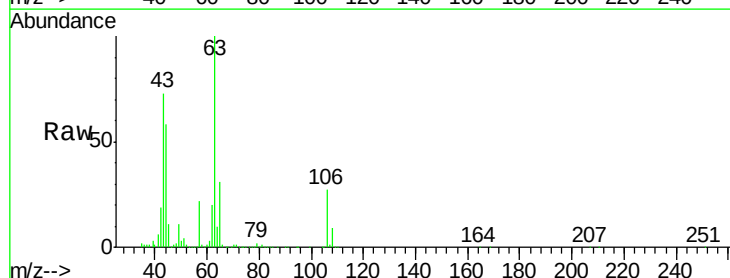
Manual Integrations
 APPROVED

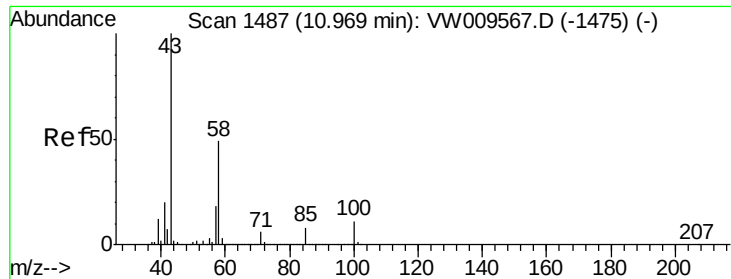
MMDadoda
 4/1/2019 4:04:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.100 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.9	34.3





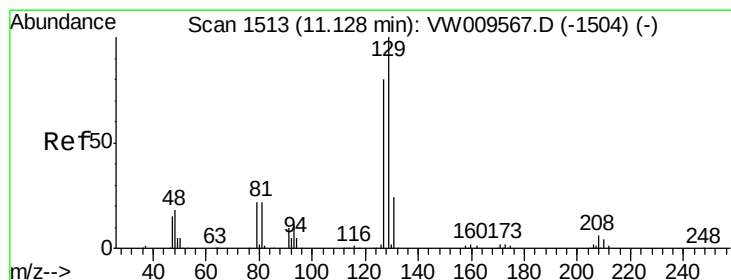
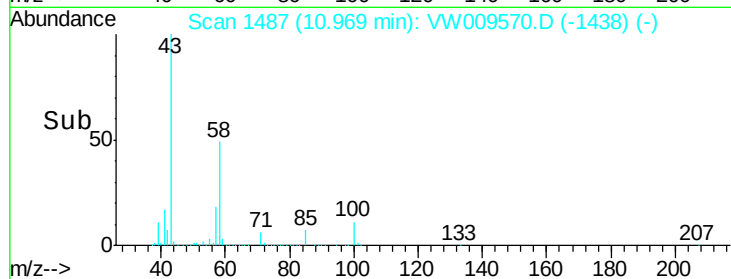
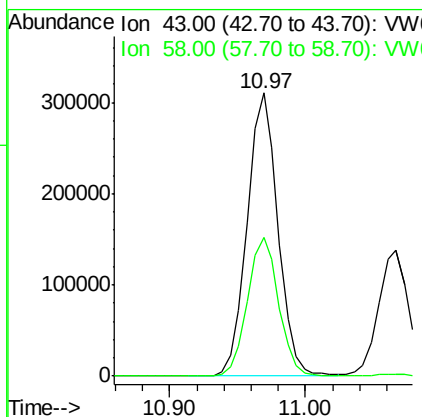
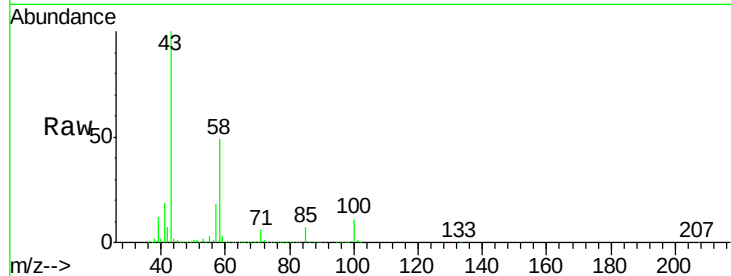
#59
2-Hexanone
Concen: 265.095 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	43	Resp	491311
Ion Ratio	100	Lower	Upper
43	100		
58	49.9	24.2	72.6

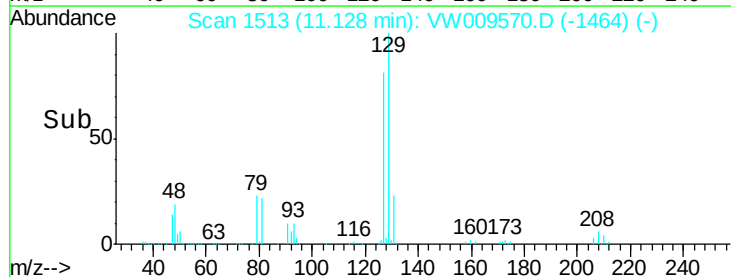
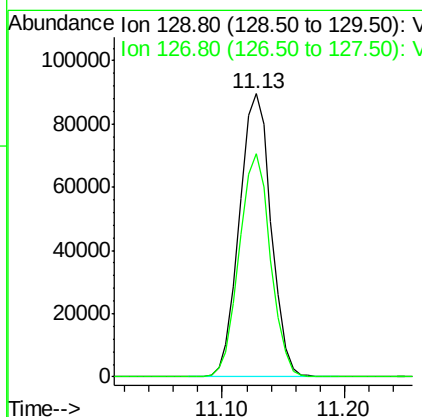
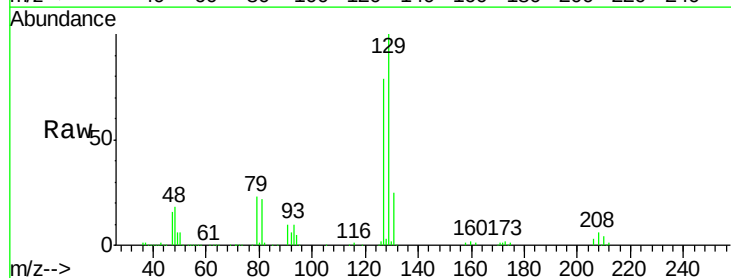
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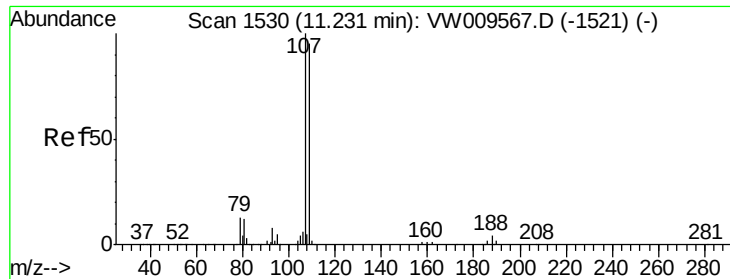
MMDadoda
4/1/2019 4:04:49 AM



#60
Dibromochloromethane
Concen: 48.721 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	129	Resp	160550	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.6	38.1	114.5	





#61

1,2-Dibromoethane

Concen: 48.919 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 107 Resp: 128023

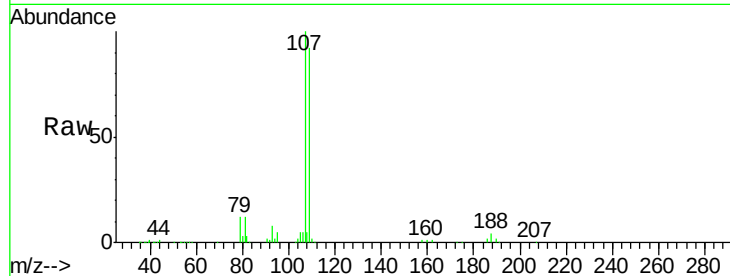
Ion Ratio Lower Upper

107 100

109 91.8 75.1 112.7

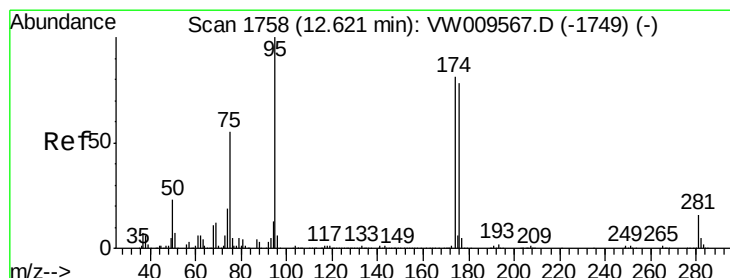
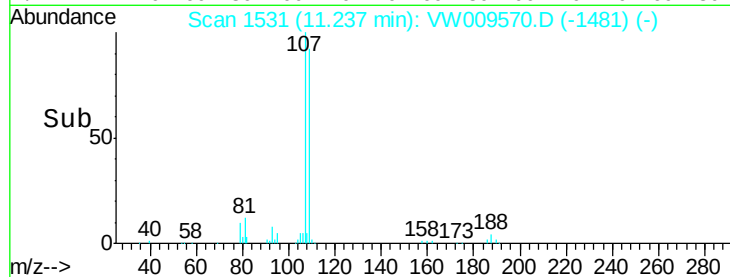
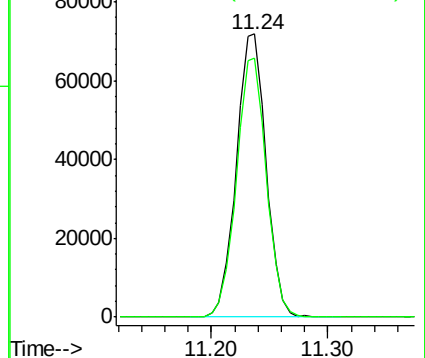
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.926 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

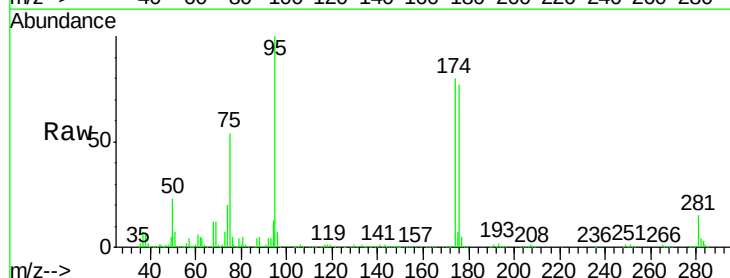
Tgt Ion: 95 Resp: 229215

Ion Ratio Lower Upper

95 100

174 78.2 0.0 168.4

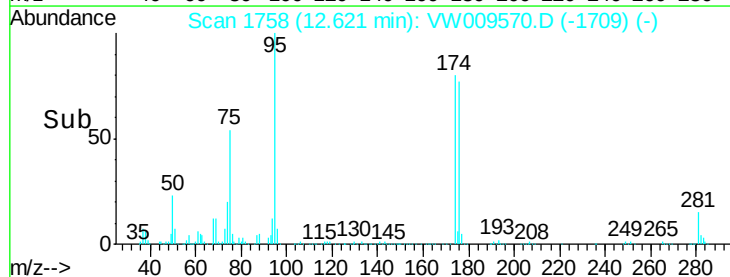
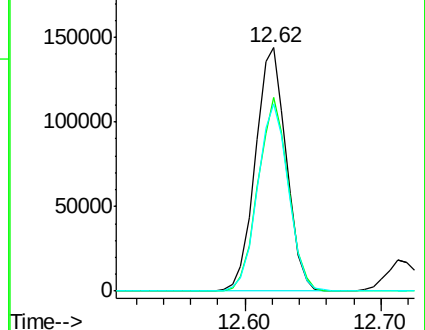
176 76.8 0.0 161.6

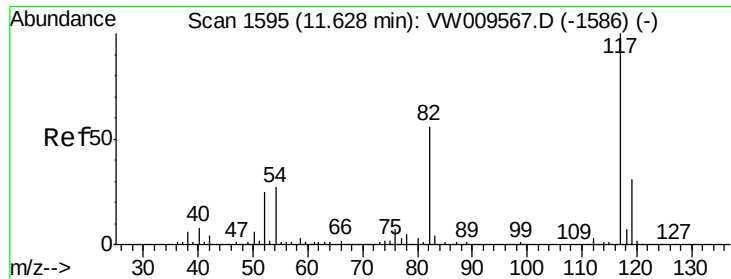


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





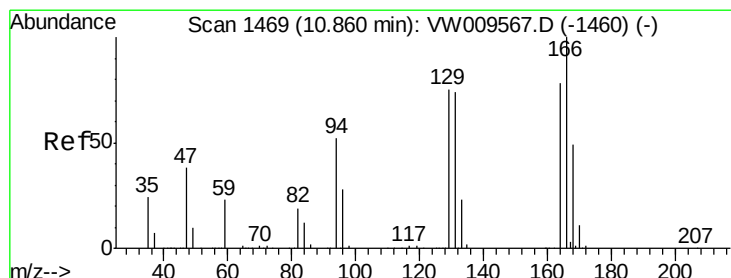
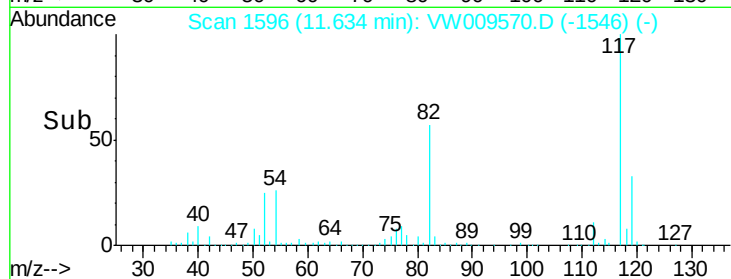
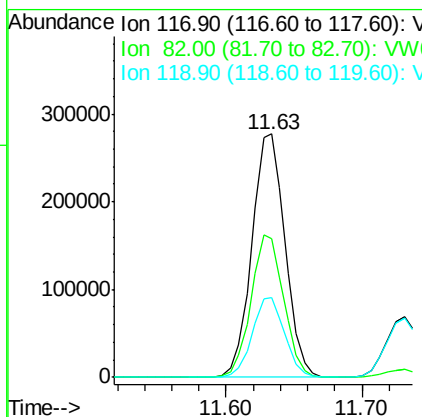
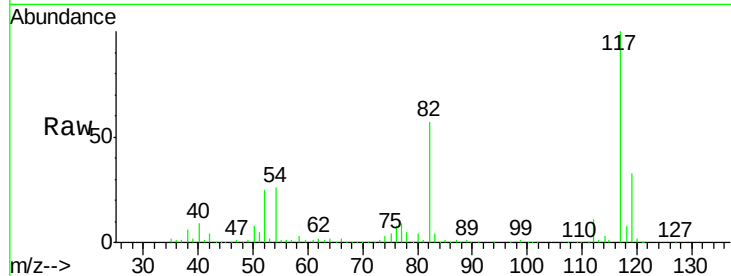
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.6	65.4
119	32.5	26.0	39.0

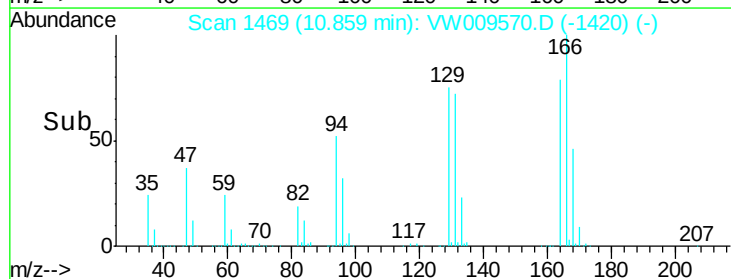
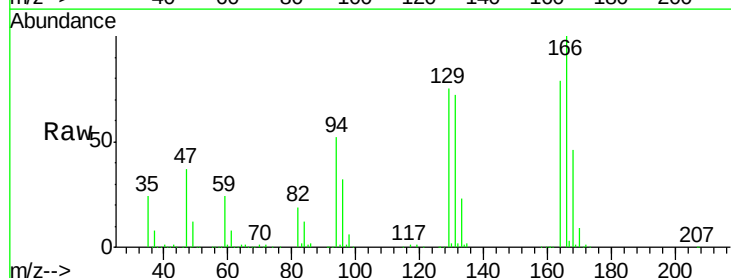
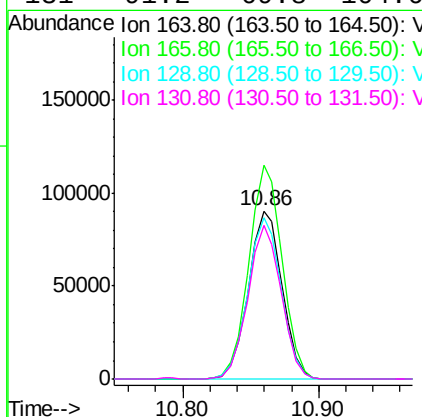
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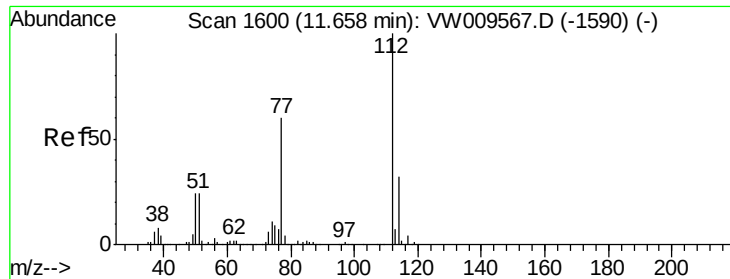
MMDadoda
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#64
Tetrachloroethene
Concen: 48.648 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.9	151.3
129	95.7	72.0	108.0
131	91.2	69.8	104.6





#65

Chlorobenzene

Concen: 49.139 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion:112 Resp: 490150

Ion Ratio Lower Upper

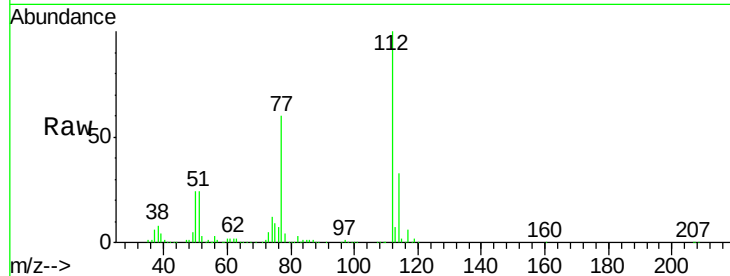
112 100

114 32.7 25.6 38.4

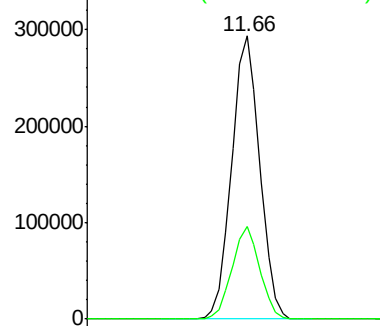
Manual Integrations
APPROVED

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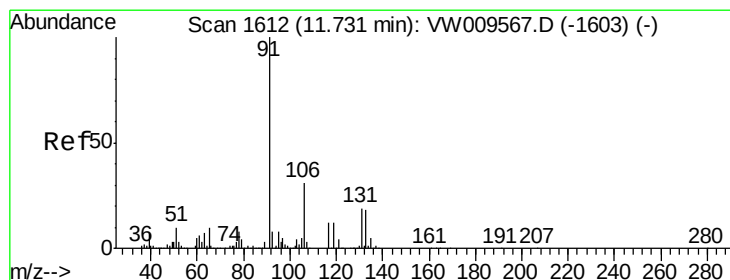
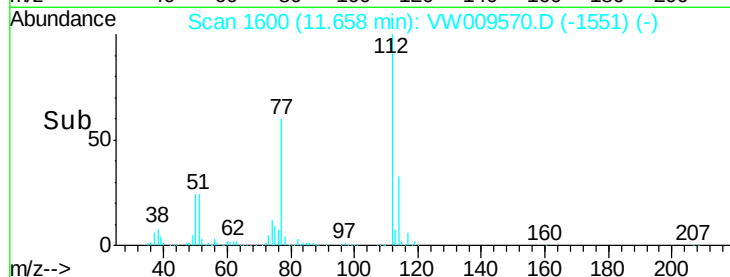
4/1/2019 4:04:49 AM



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.040 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

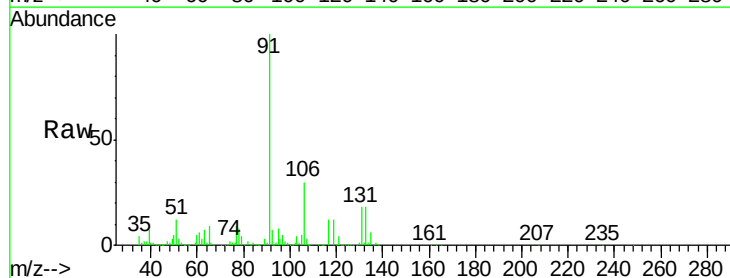
Tgt Ion:131 Resp: 181864

Ion Ratio Lower Upper

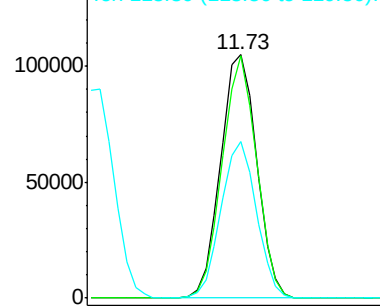
131 100

133 94.6 47.3 141.8

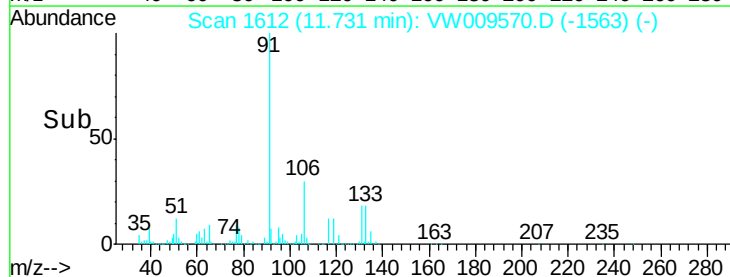
119 63.1 31.6 95.0

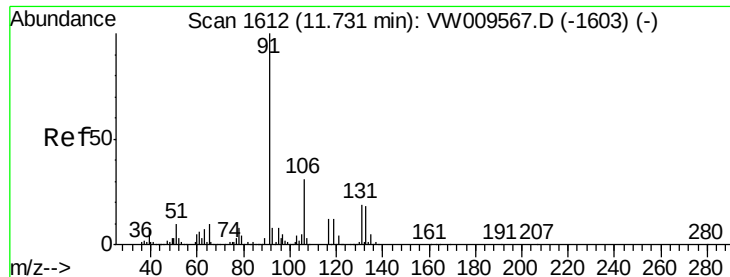


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 52.123 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 91 Resp: 916007

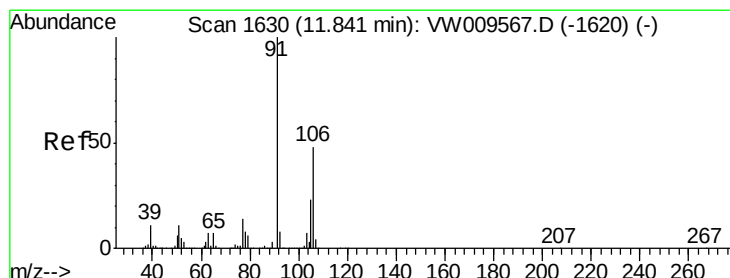
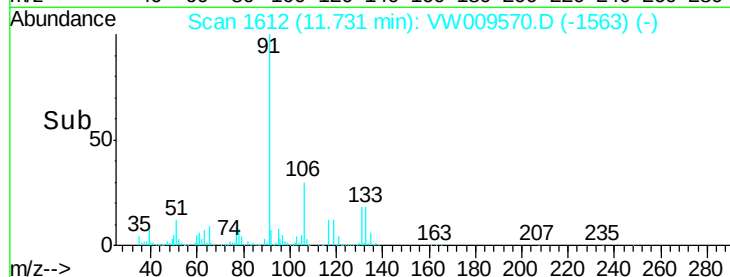
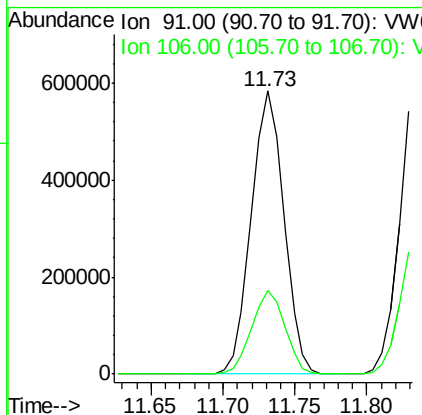
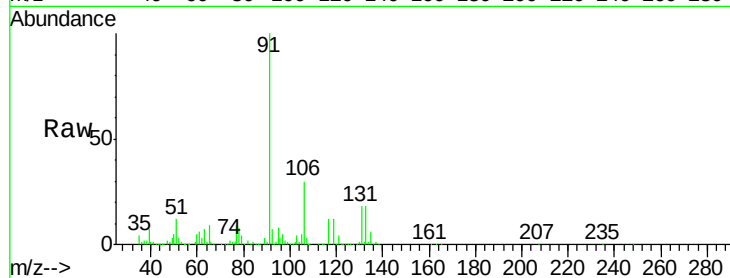
Ion Ratio Lower Upper

91 100

106 29.5 24.6 36.8

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#68

m/p-Xylenes

Concen: 103.327 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW009570.D

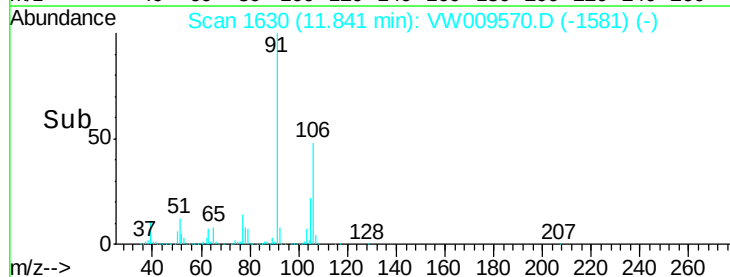
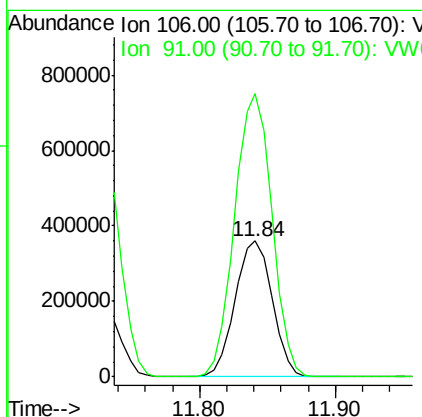
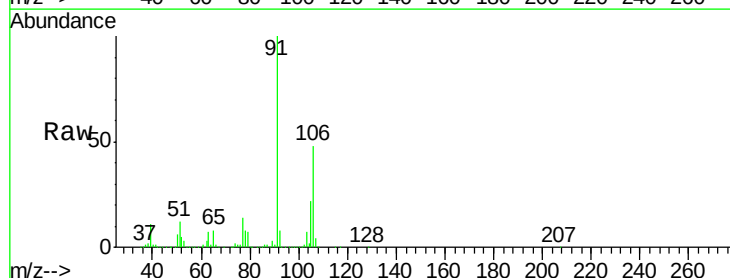
Acq: 29 Mar 2019 12:51

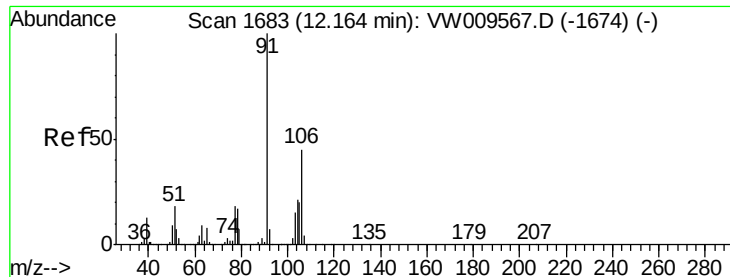
Tgt Ion:106 Resp: 689491

Ion Ratio Lower Upper

106 100

91 208.5 163.1 244.7





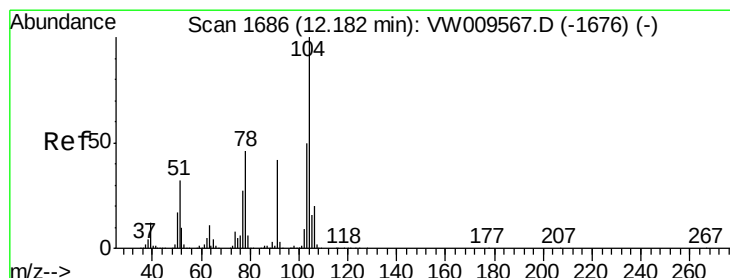
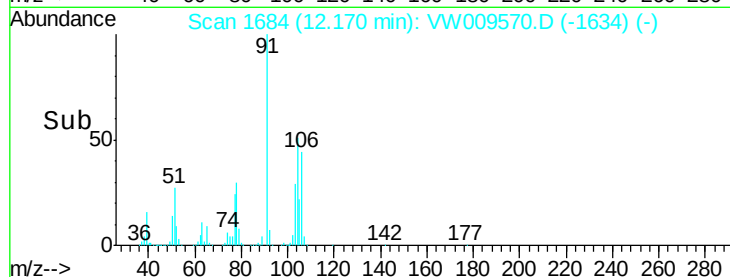
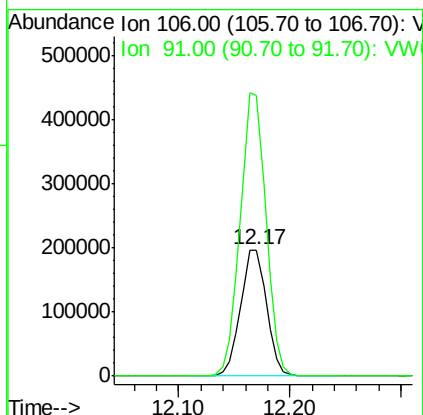
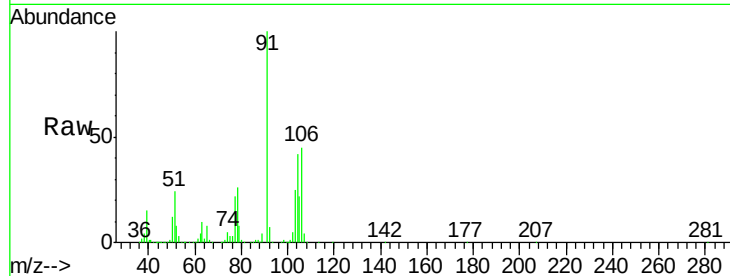
#69
o-Xylene
Concen: 51.629 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion:106 Resp: 320834
Ion Ratio Lower Upper
106 100
91 222.5 108.6 325.8

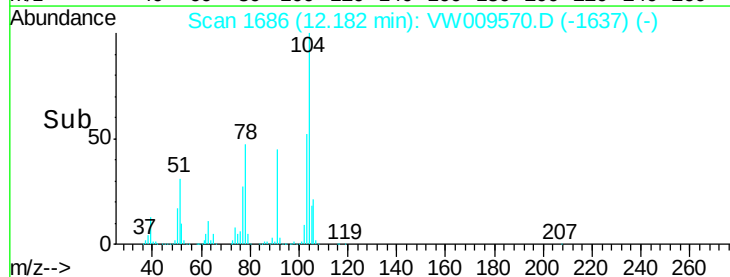
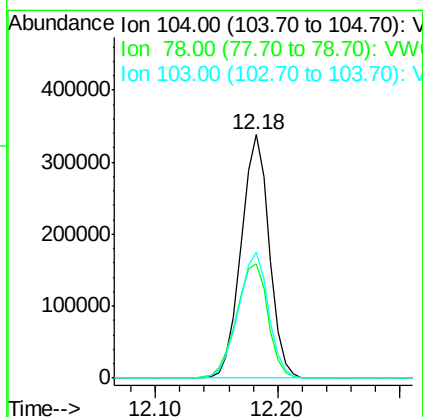
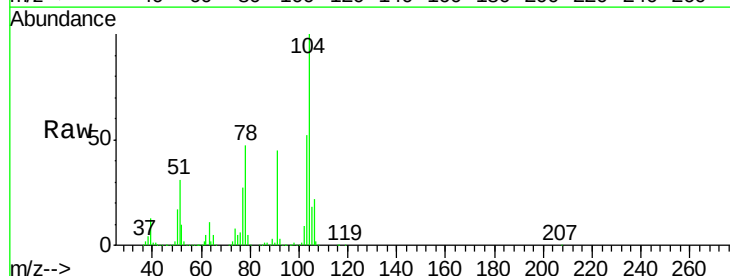
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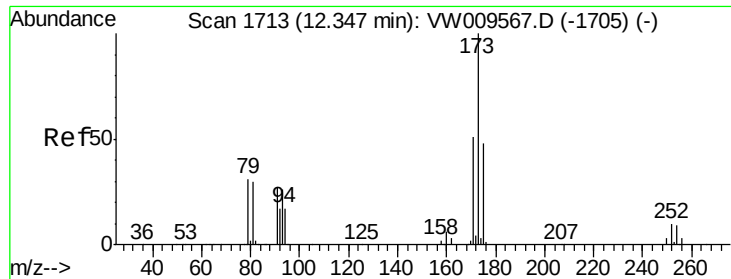
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#70
Styrene
Concen: 51.721 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion:104 Resp: 536845
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 55.8 44.6 66.8





#71

Bromoform

Concen: 49.370 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

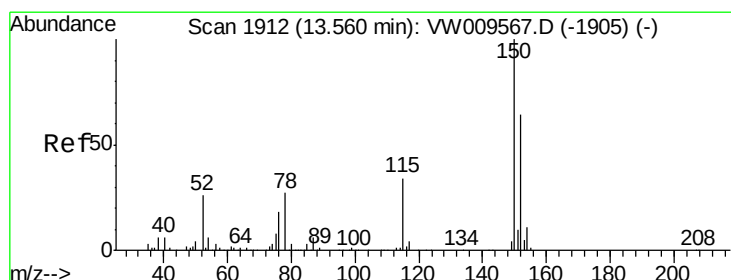
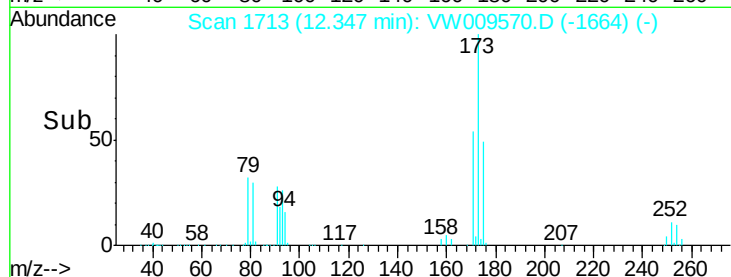
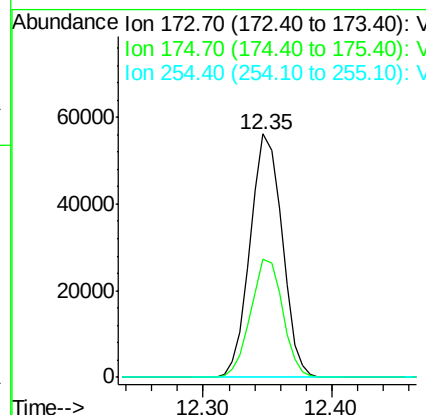
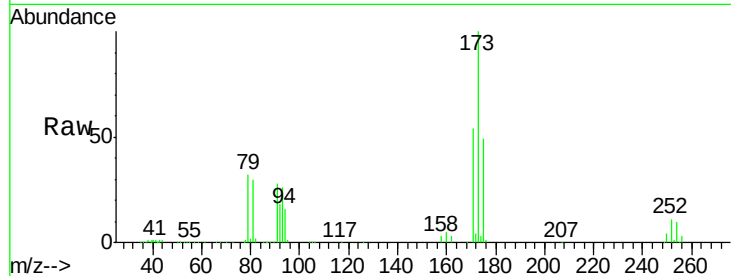
ClientSampleId :

ICVW032919

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.1	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

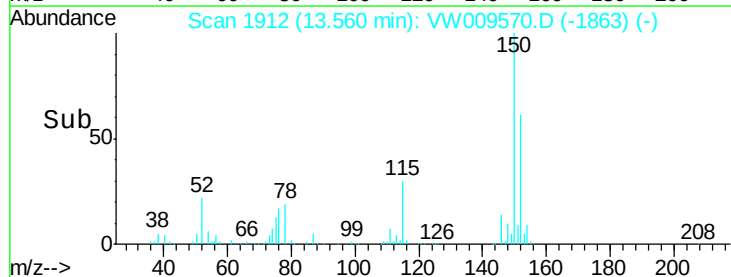
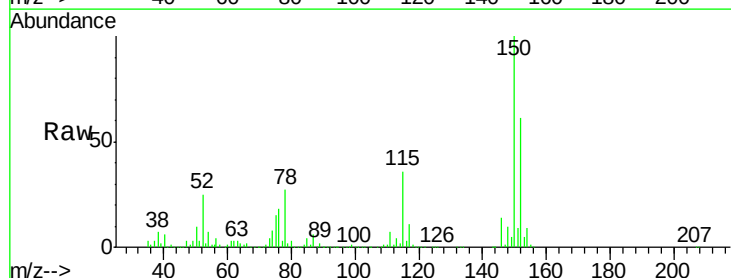
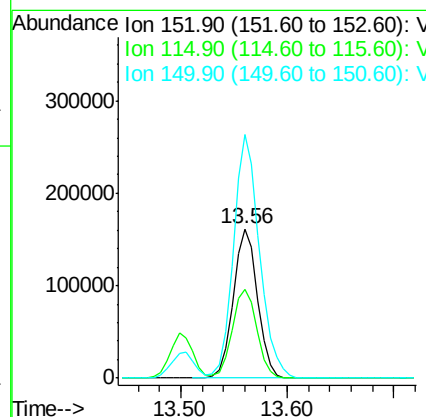
RT: 13.56 min Scan# 1912

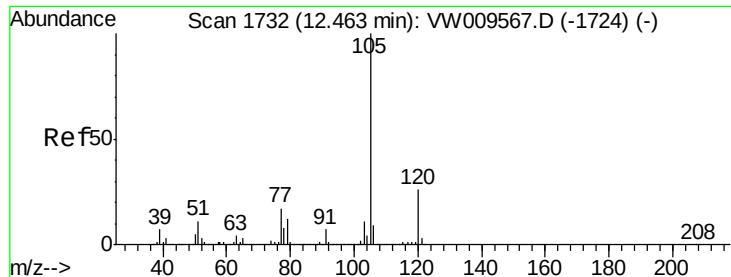
Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.6	88.8
150	175.0	0.0	349.2





#73

Isopropylbenzene

Concen: 53.257 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 105 Resp: 951798

Ion Ratio Lower Upper

105 100

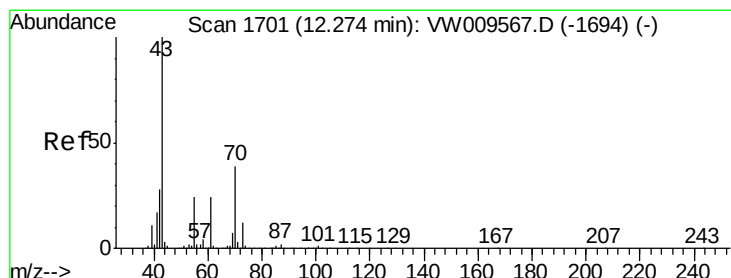
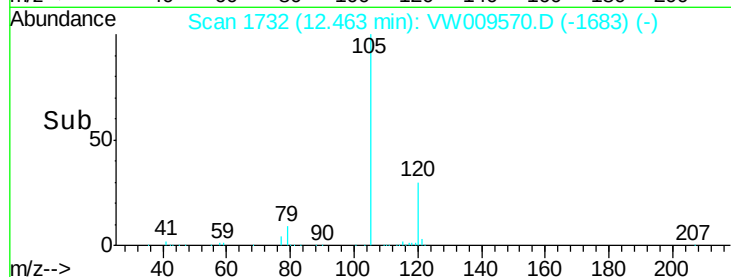
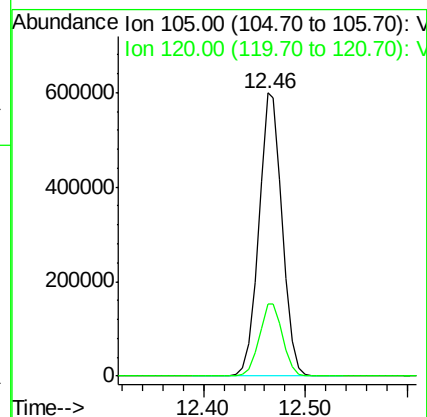
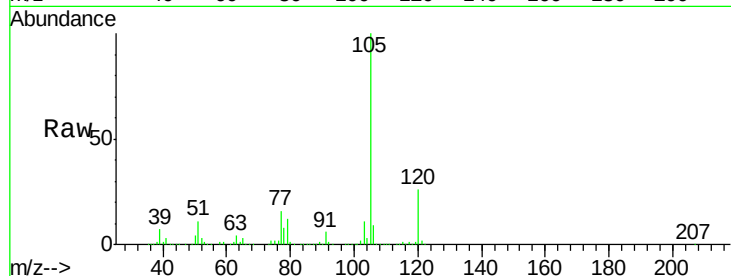
120 25.8 13.0 39.0

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#74

N-ethyl acetate

Concen: 51.664 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion: 43 Resp: 243415

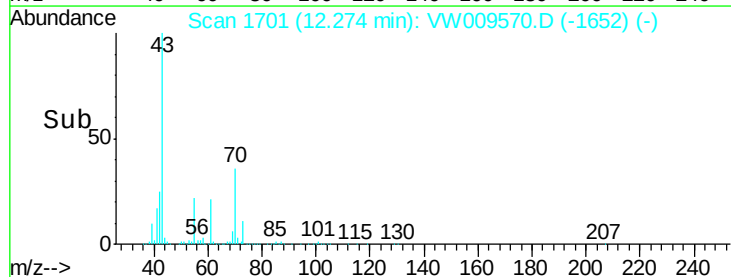
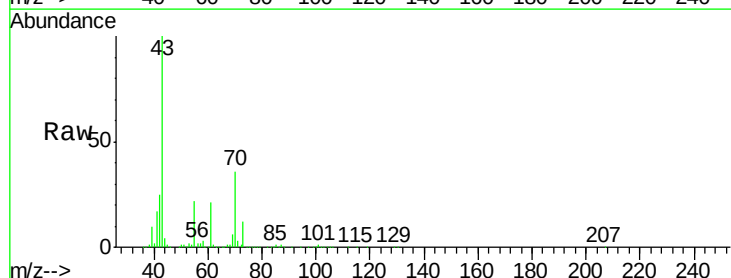
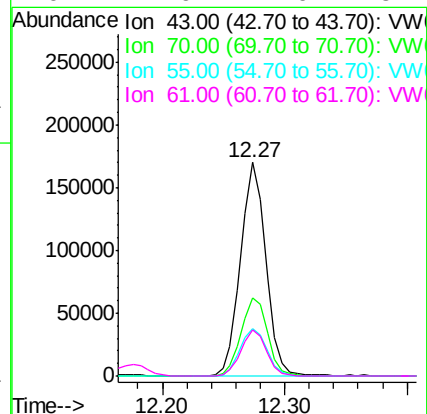
Ion Ratio Lower Upper

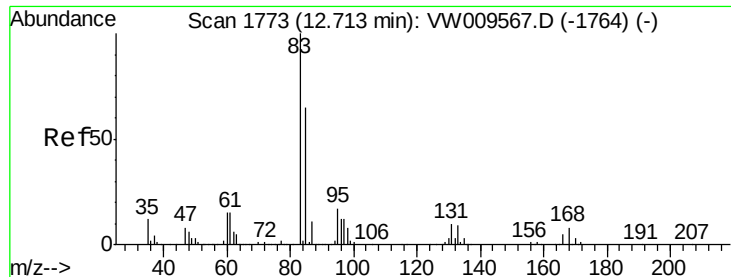
43 100

70 38.2 30.6 46.0

55 23.9 19.3 28.9

61 21.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.976 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion: 83 Resp: 165528

Ion Ratio Lower Upper

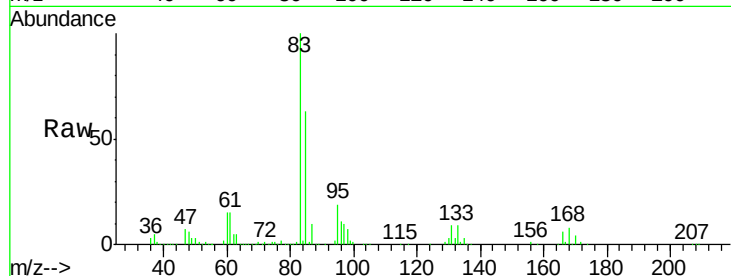
83 100

131 10.0 5.3 16.1

85 64.2 32.6 97.8

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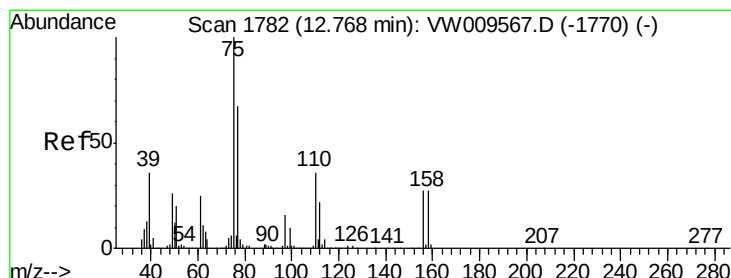
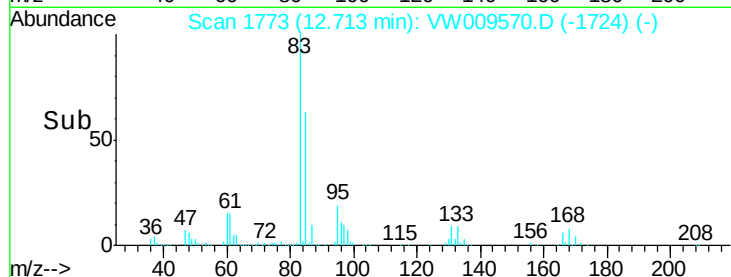
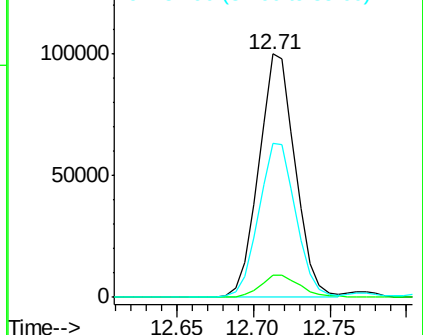
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 48.858 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW009570.D

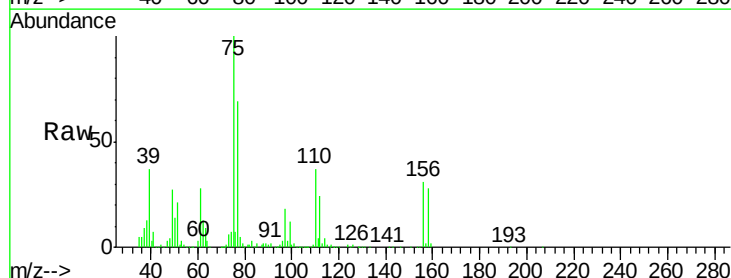
Acq: 29 Mar 2019 12:51

Tgt Ion: 75 Resp: 117992

Ion Ratio Lower Upper

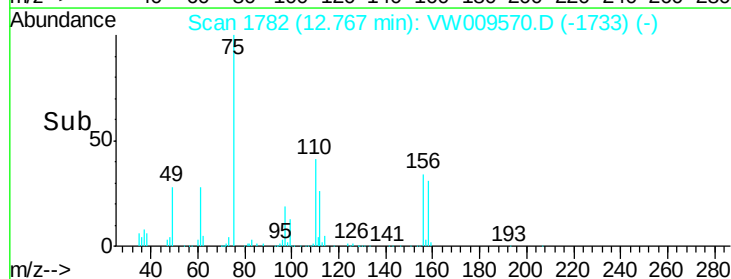
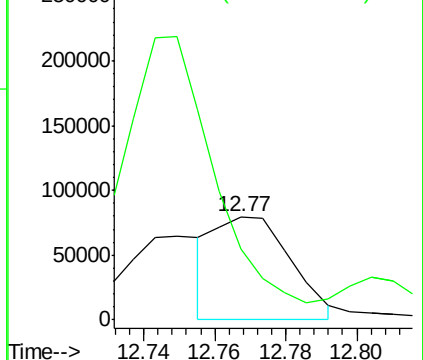
75 100

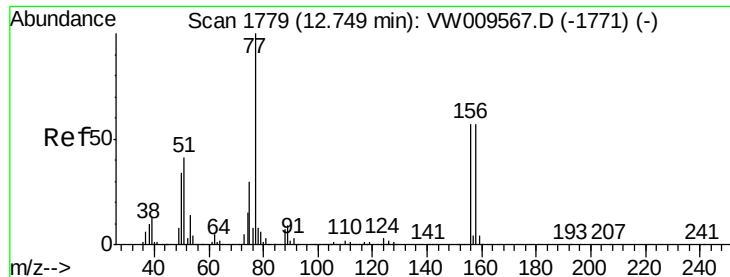
77 342.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





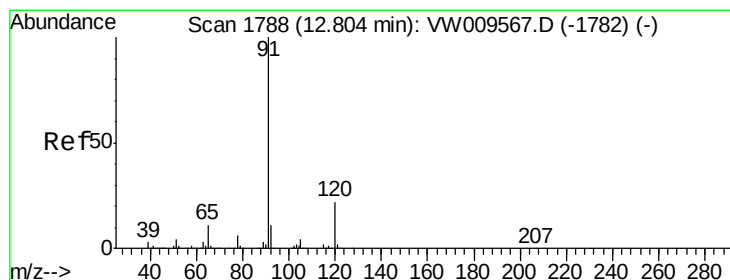
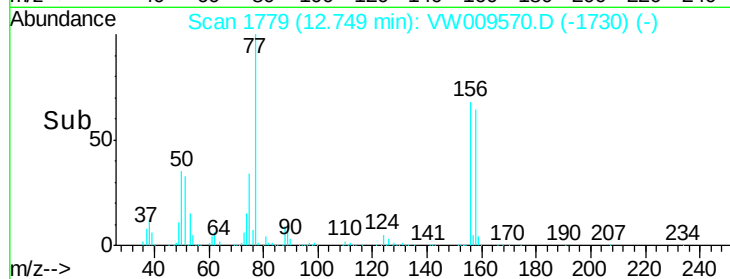
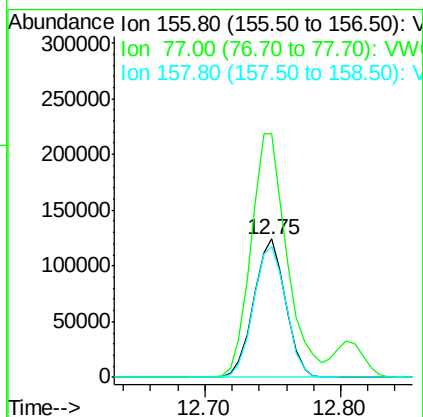
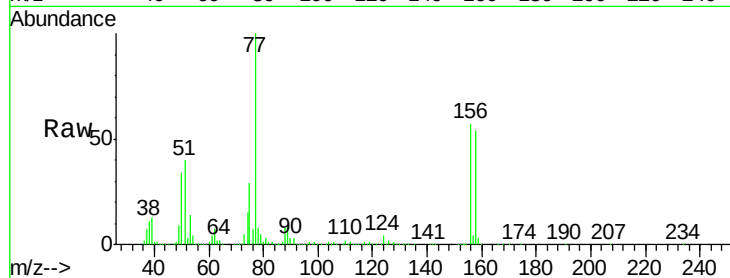
#77
Bromobenzene
Concen: 49.404 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.9	96.0	288.0
158	96.6	49.1	147.3

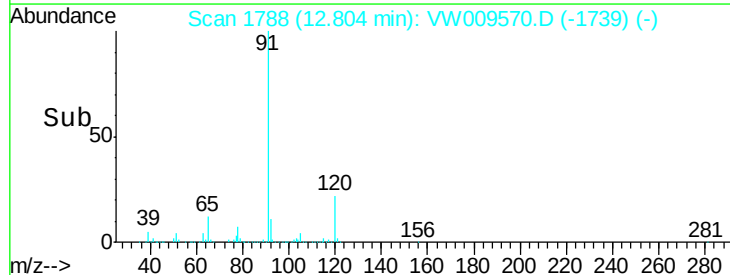
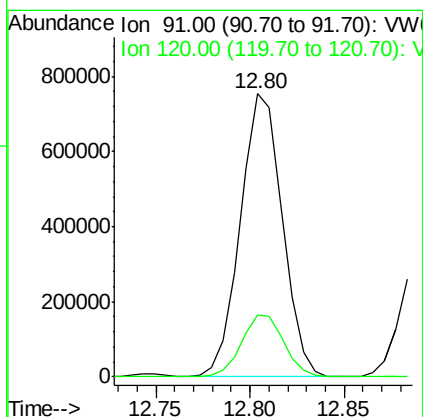
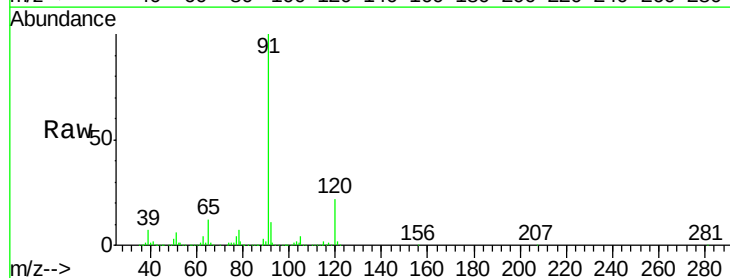
Manual Integrations
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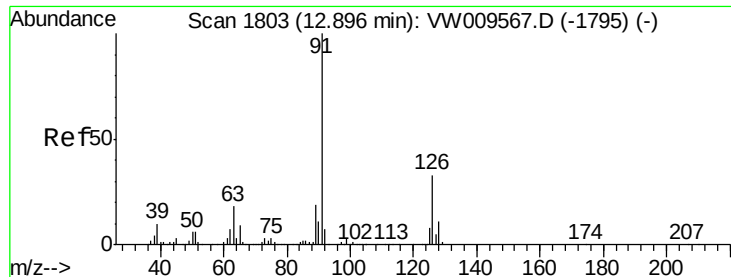
MMDadoda
4/1/2019 4:04:49 AM



#78
n-propylbenzene
Concen: 52.746 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3





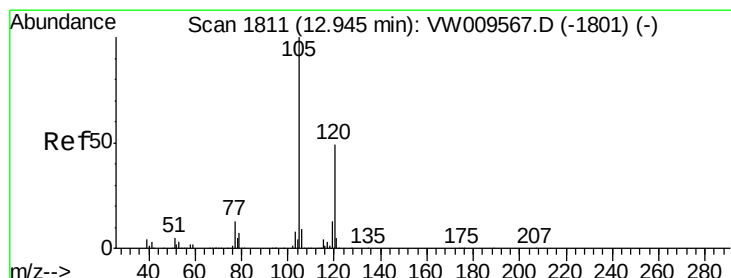
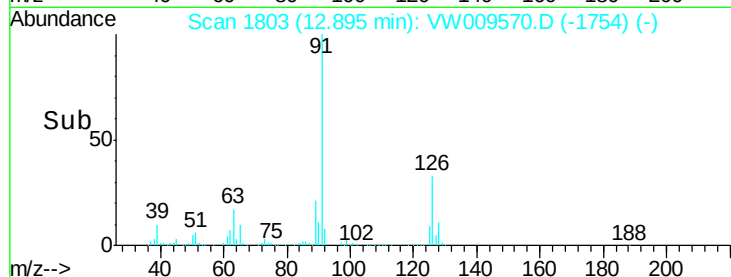
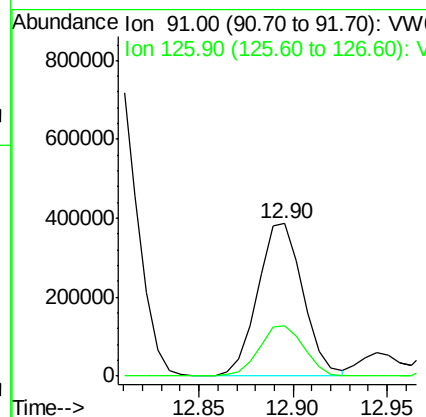
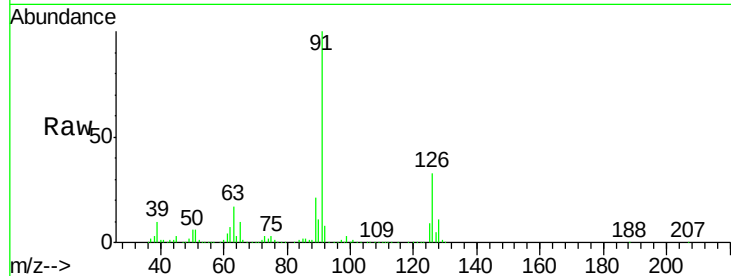
#79
 2-Chlorotoluene
 Concen: 51.266 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW032919

Tot Ion: 91 Resp: 642067
 Ion Ratio Lower Upper
 91 100
 126 32.9 17.0 51.0

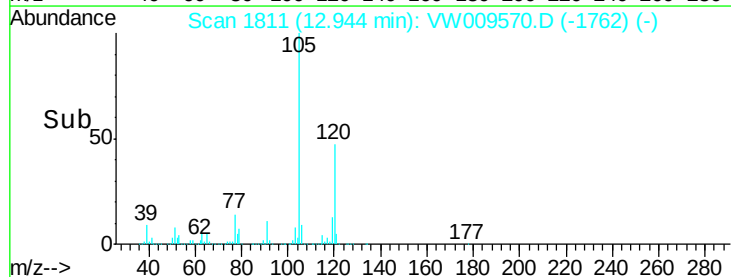
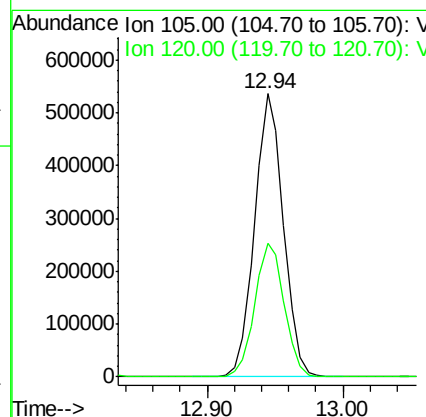
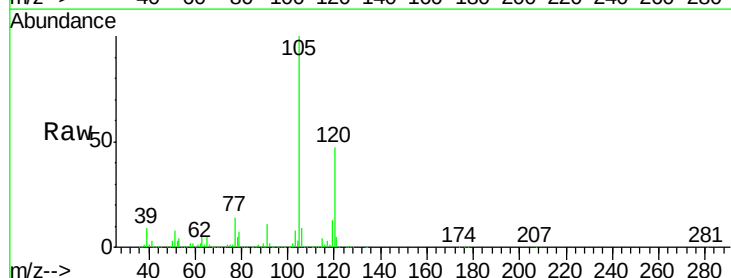
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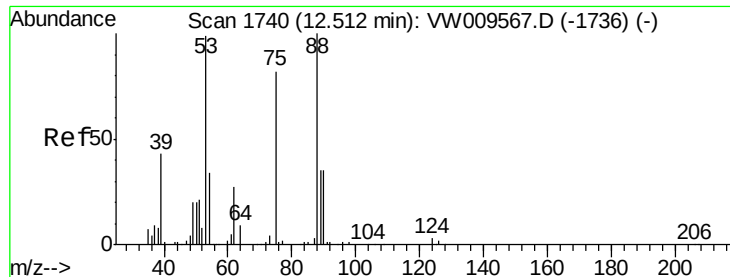
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.715 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion:105 Resp: 793407
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 74.0





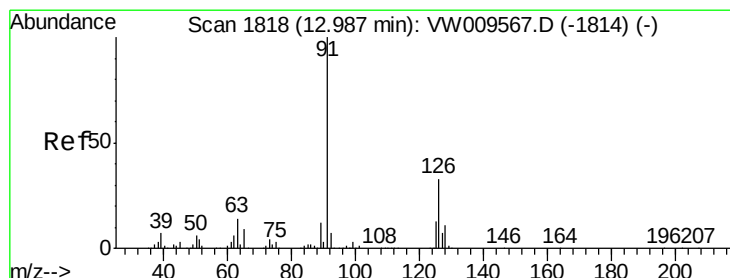
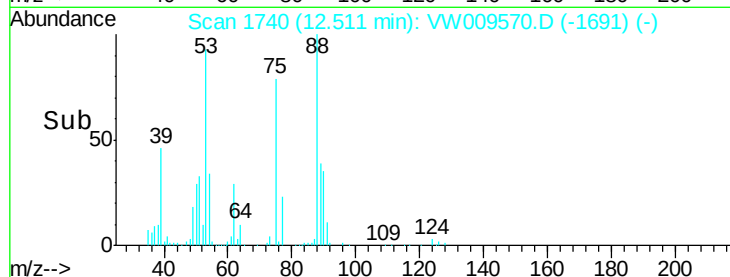
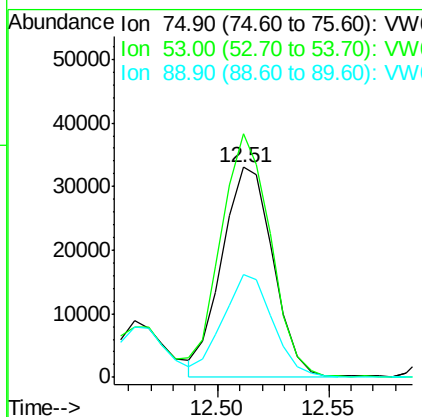
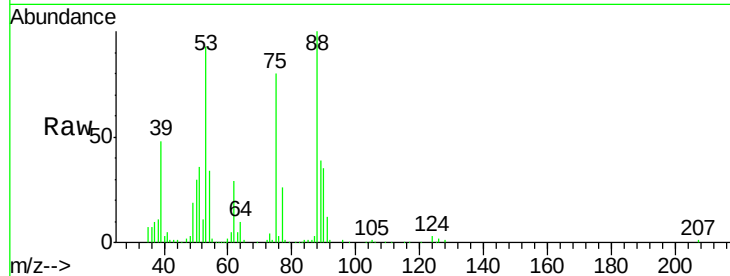
#81
trans-1,4-Dichloro-2-butene
Concen: 51.009 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.6	86.7	130.1
89	48.2	36.4	54.6

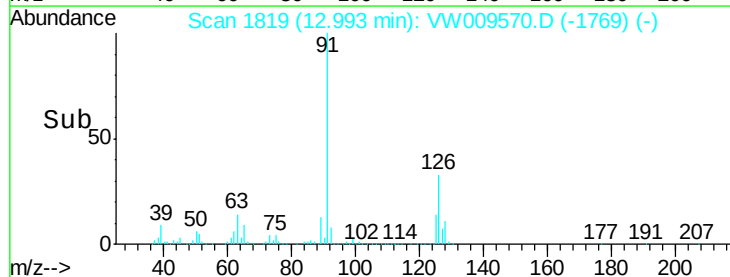
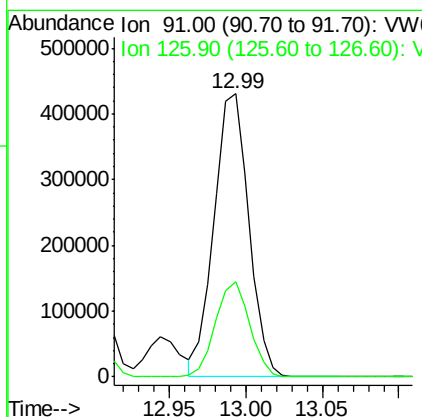
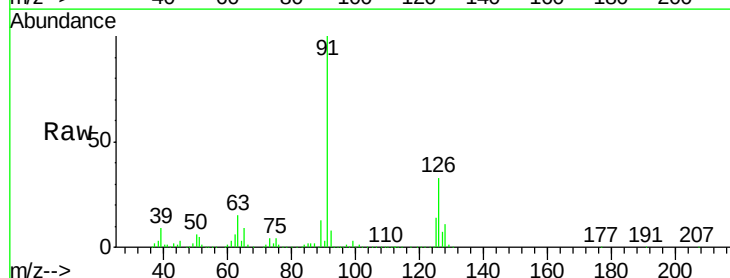
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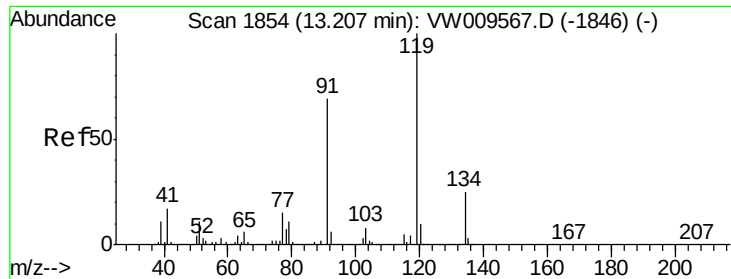
MMDadoda
4/1/2019 4:04:49 AM



#82
4-Chlorotoluene
Concen: 51.630 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.9	50.6





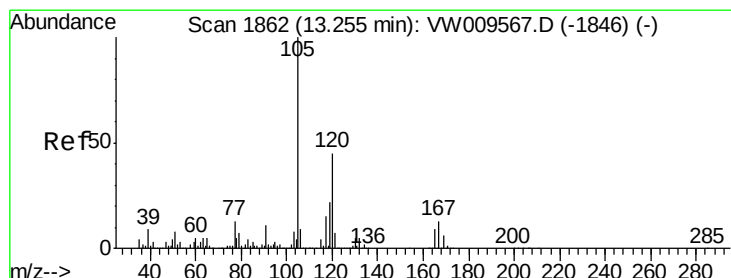
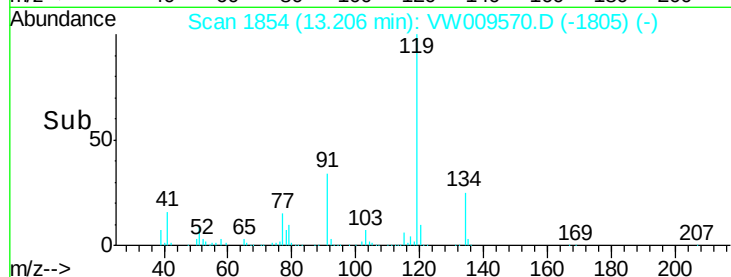
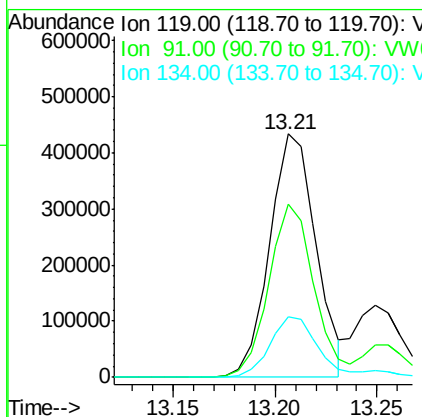
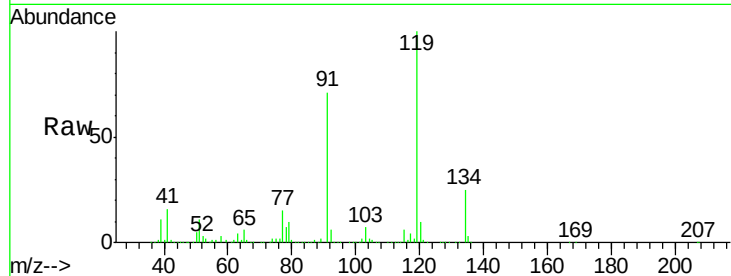
#83
 tert-Butylbenzene
 Concen: 53.554 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Resp	Lower	Upper
119	100	686150		
91	69.6		34.4	103.2
134	27.3		12.7	38.1

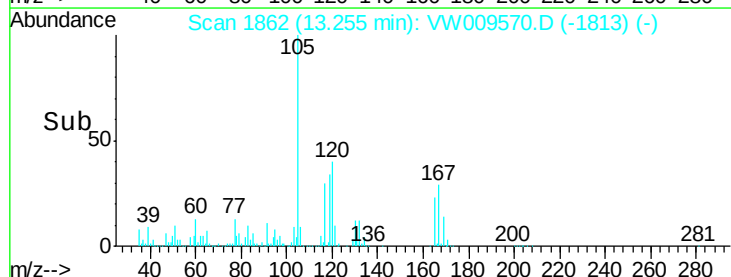
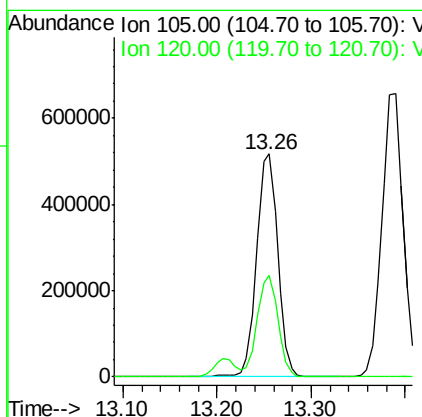
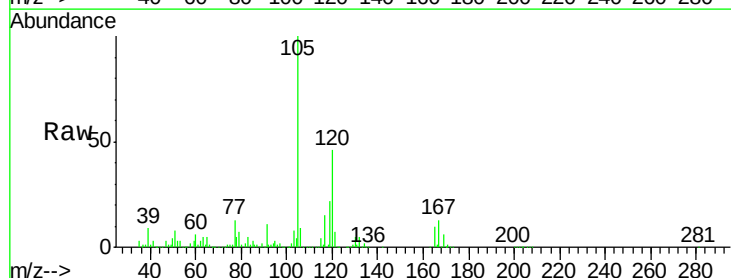
Manual Integrations
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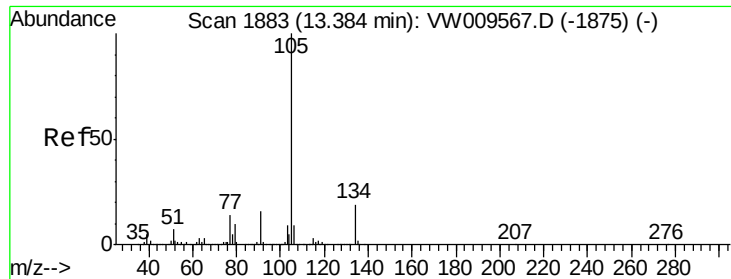
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.575 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	813472		
120	44.8		22.8	68.3





#85

sec-Butylbenzene

Concen: 53.229 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW032919

Tot Ion:105 Resp: 1028878

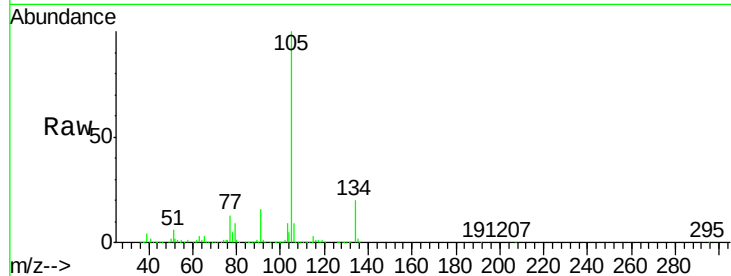
Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6

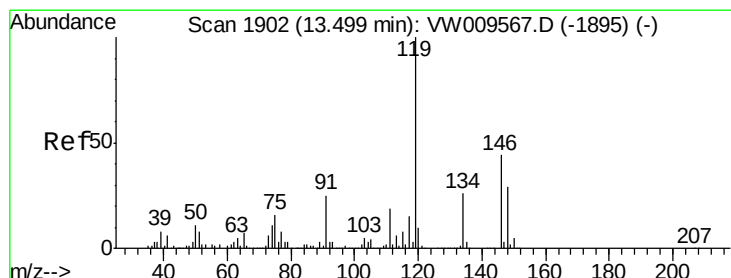
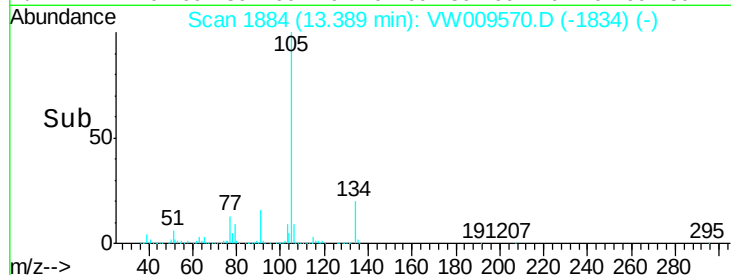
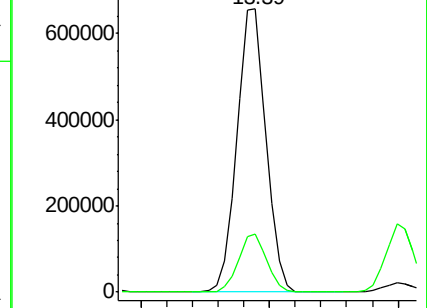
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.400 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

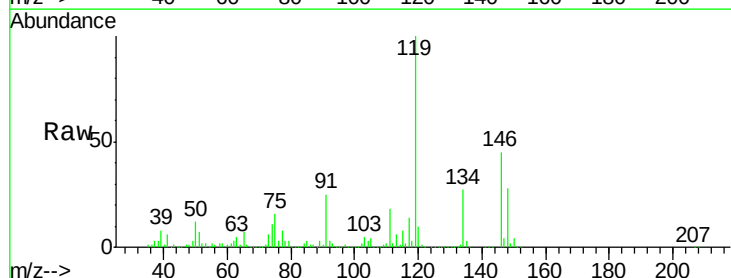
Tgt Ion:119 Resp: 897785

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

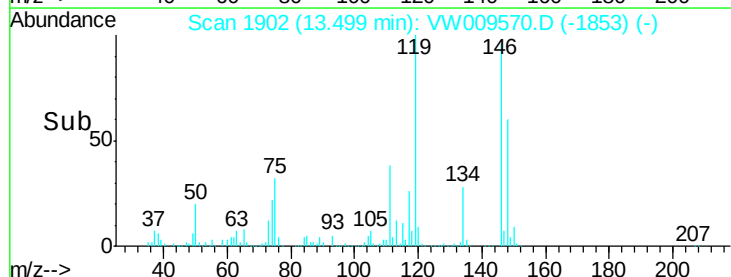
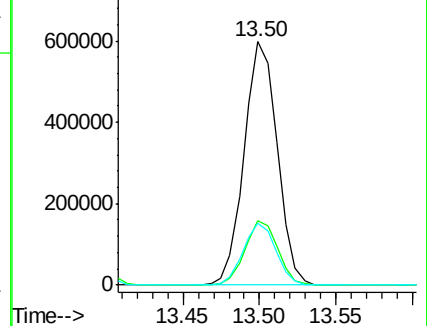
91 24.9 12.3 36.8

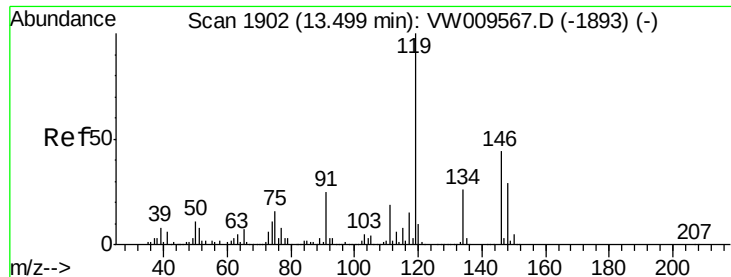


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.980 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Instrument :

MSVOA_W

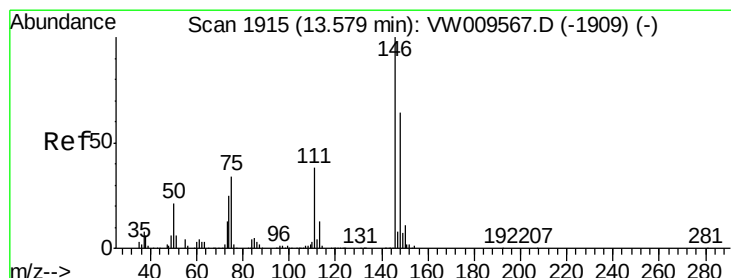
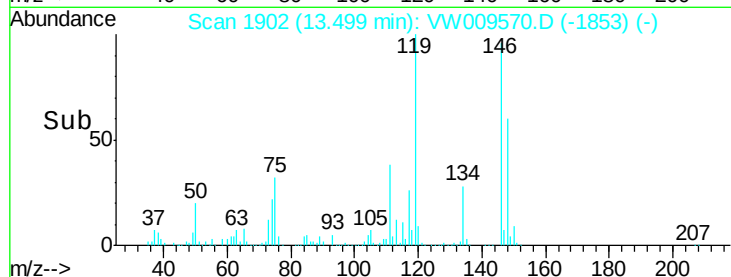
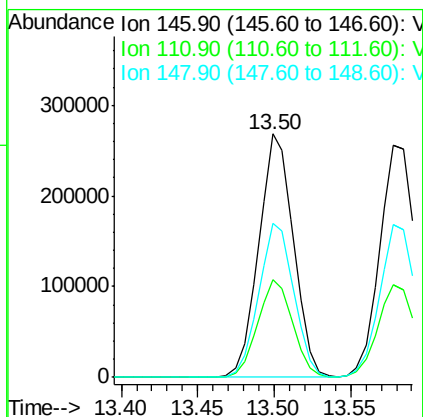
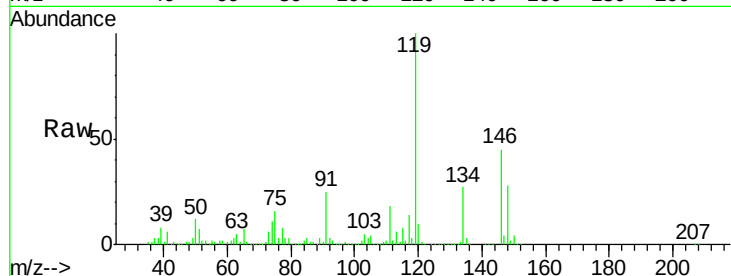
ClientSampleId :

ICVW032919

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.2
148	64.1	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.376 ug/l

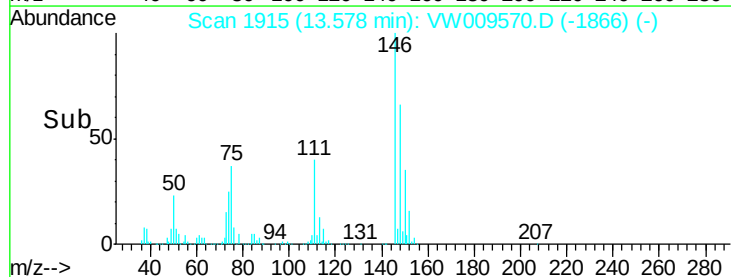
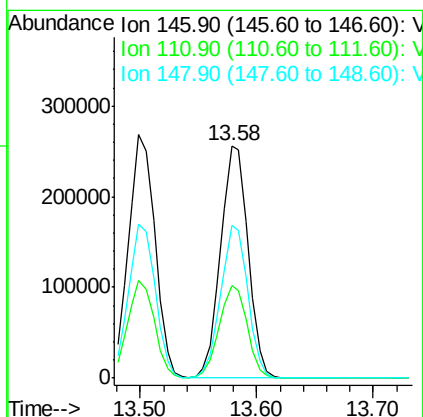
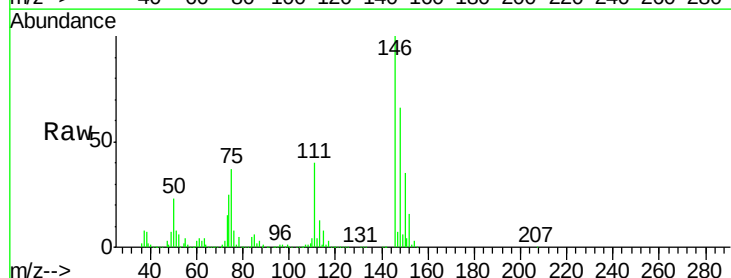
RT: 13.58 min Scan# 1915

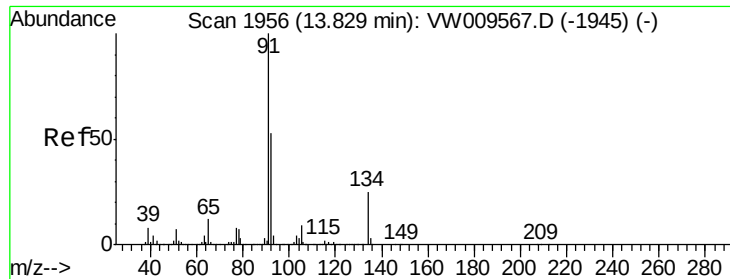
Delta R.T. -0.00 min

Lab File: VW009570.D

Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.6
148	64.7	32.2	96.6





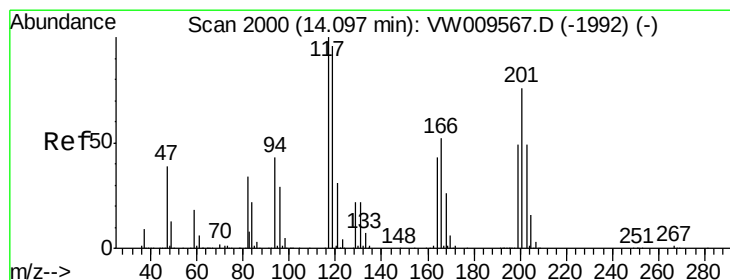
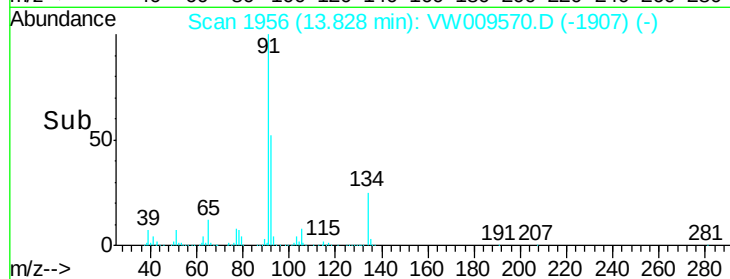
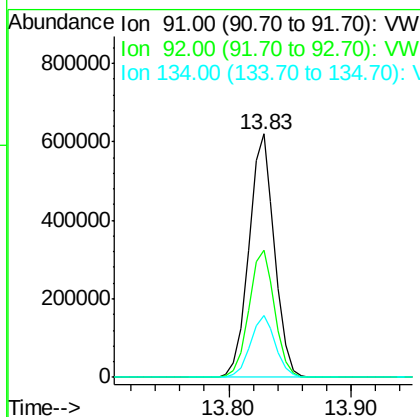
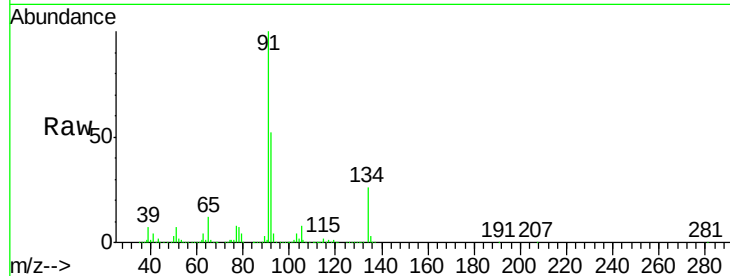
#89
n-Butylbenzene
Concen: 53.915 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	25.1	12.9	38.6

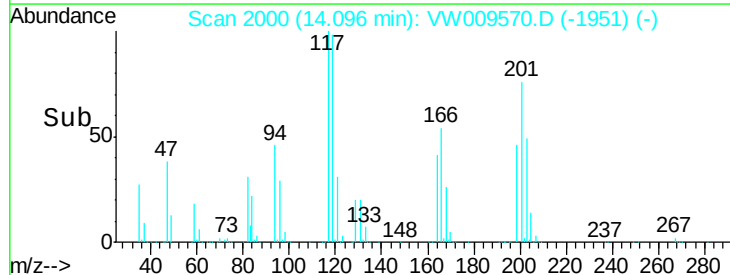
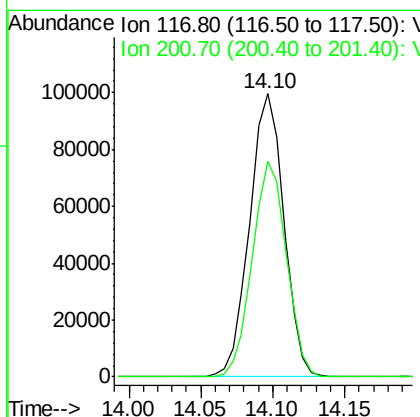
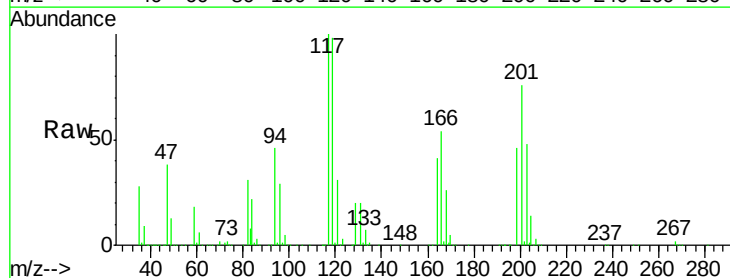
Manual Integrations
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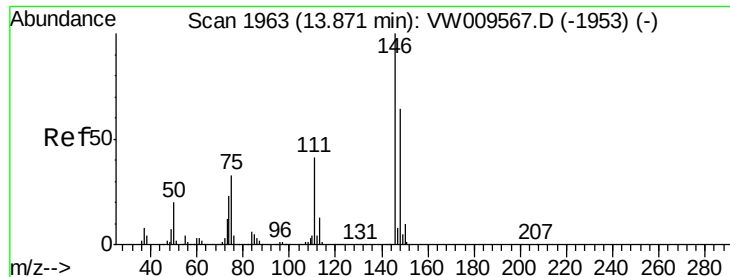
MMDadoda
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#90
Hexachloroethane
Concen: 50.867 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	38.2	114.6





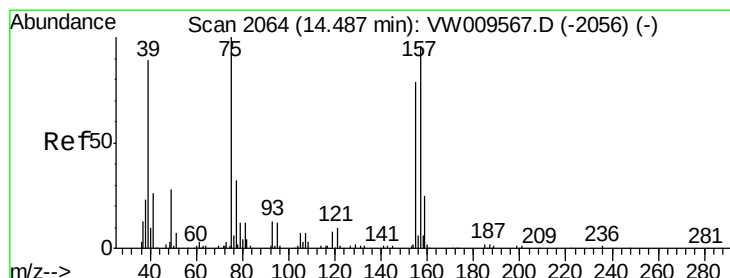
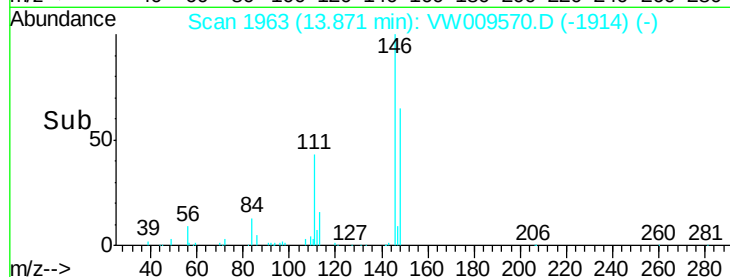
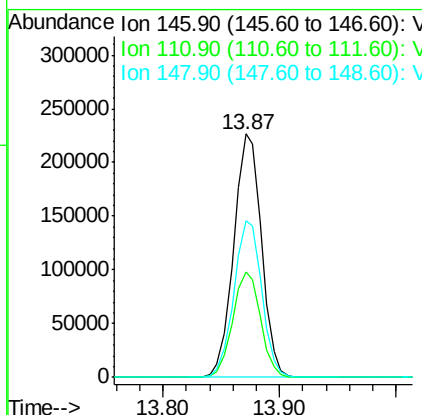
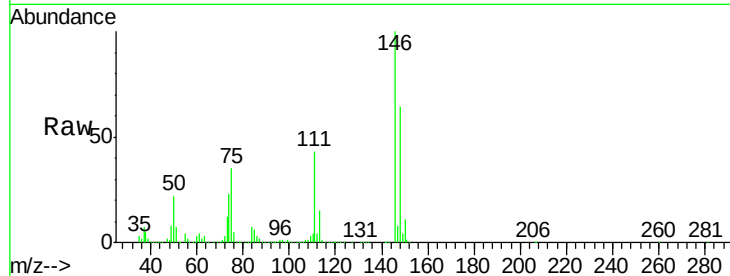
#91
 1,2-Dichlorobenzene
 Concen: 49.346 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.4	61.2
148	64.5	31.9	95.9

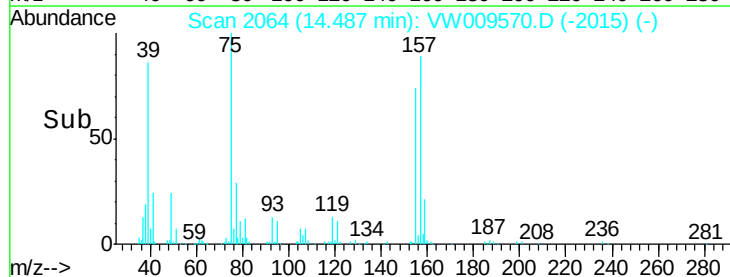
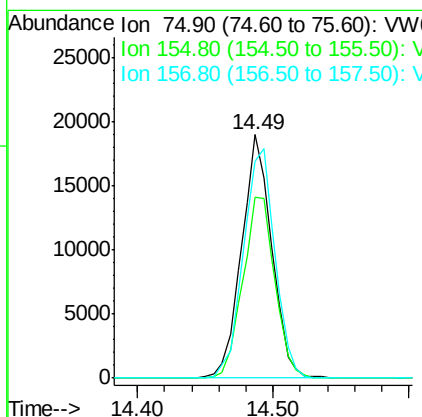
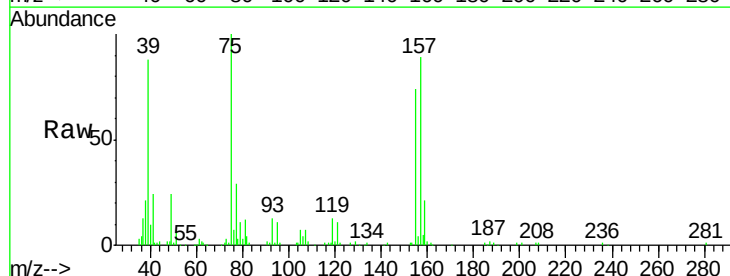
Manual Integrations
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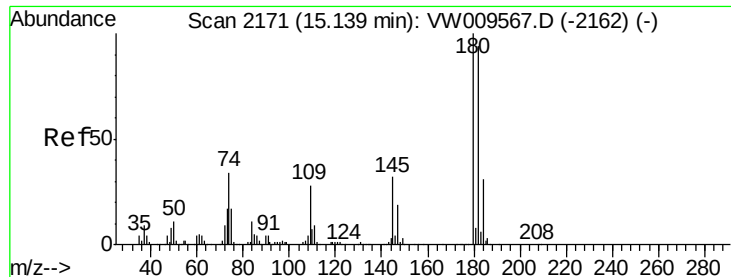
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.625 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	39.3	117.8
157	98.6	49.5	148.5





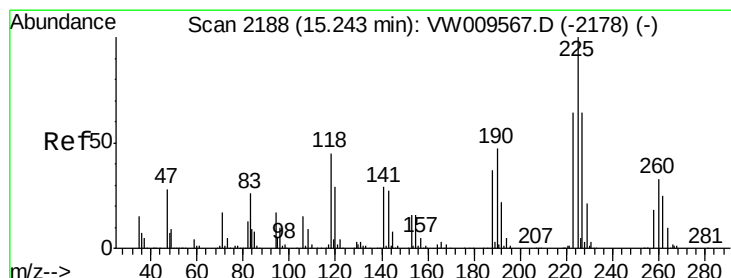
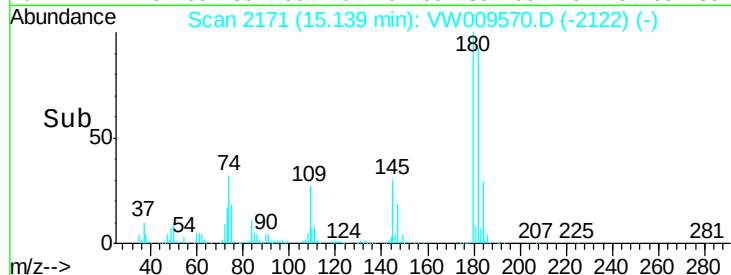
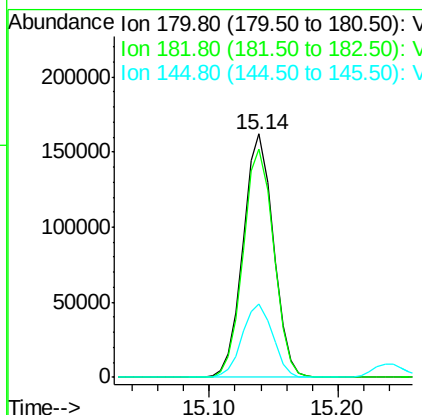
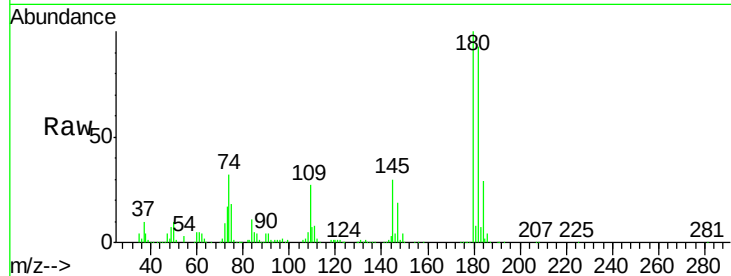
#93
 1,2,4-Trichlorobenzene
 Concen: 53.803 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW032919

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263291		
182	94.3	47.9	143.7	
145	30.5	15.0	45.0	

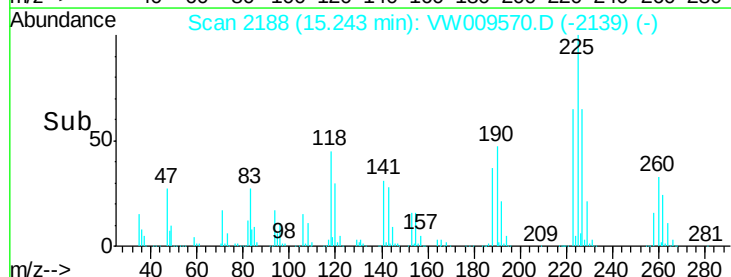
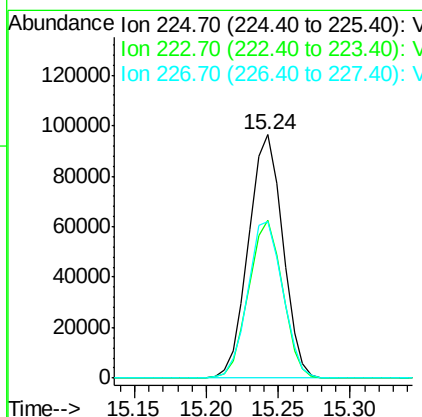
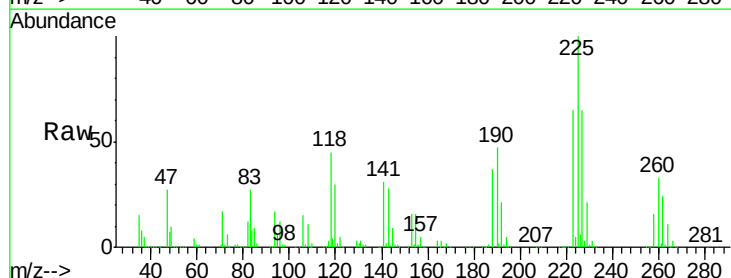
Manual Integrations
 APPROVED

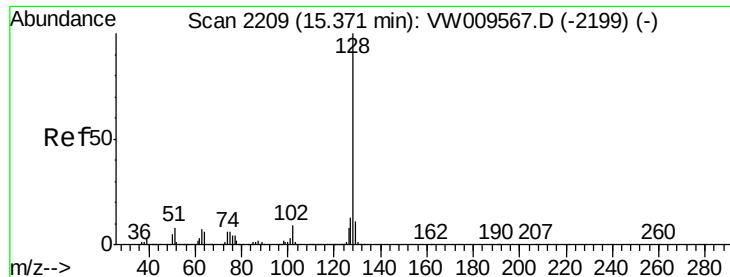
MMDadoda
 4/1/2019 4:04:49 AM



#94
 Hexachlorobutadiene
 Concen: 50.444 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW009570.D
 Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158534		
223	64.4	31.4	94.3	
227	65.8	32.1	96.5	





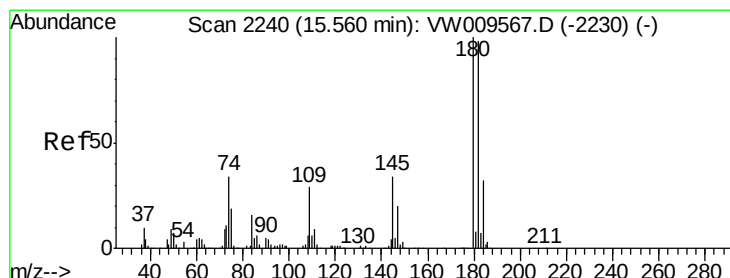
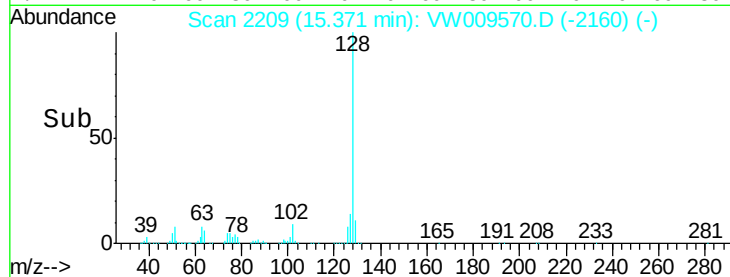
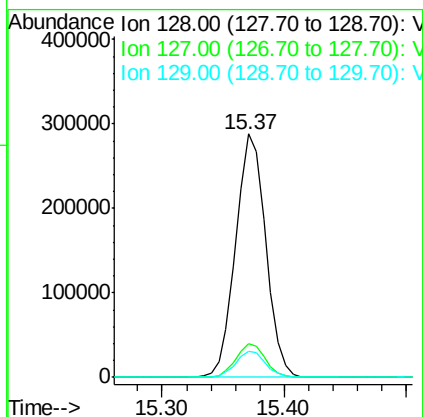
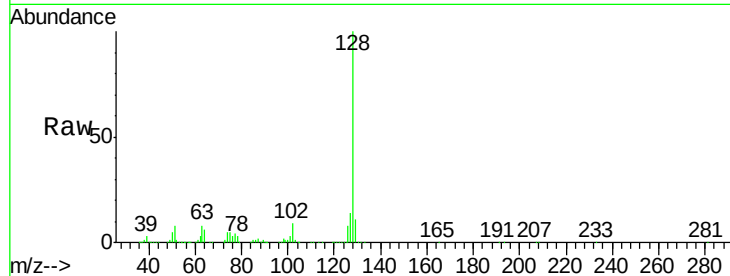
#95
Naphthalene
Concen: 49.292 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW032919

Tot Ion	Ratio	Resp	Lower	Upper
128	100	489855		
127	13.6		10.8	16.2
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:04:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.772 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009570.D
Acq: 29 Mar 2019 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230730		
182	95.5		47.3	141.9
145	32.3		16.0	48.0

