

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030719\
 Data File : VW009039.D
 Acq On : 07 Mar 2019 14:46
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW030719

Manual Integrations
 APPROVED

MMDadoda
 3/8/2019 12:06:35 PM

Quant Time: Mar 08 05:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	305053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	148368	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	134555	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	585000	55.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.62	95	219692	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	143634	46.720	ug/l	99
3) Chloromethane	2.21	50	186221	47.682	ug/l	99
4) Vinyl Chloride	2.35	62	190826	48.147	ug/l	96
5) Bromomethane	2.76	94	154592	46.207	ug/l	97
6) Chloroethane	2.91	64	137440	48.710	ug/l	99
7) Trichlorofluoromethane	3.25	101	243626	47.740	ug/l	99
8) Diethyl Ether	3.68	74	70330	45.072	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	151220	47.578	ug/l	99
10) Methyl Iodide	4.27	142	175554	50.861	ug/l	99
11) Tert butyl alcohol	5.19	59	50173	213.331	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	132526	48.339	ug/l	98
13) Acrolein	3.90	56	53962	208.506	ug/l	99
14) Allyl chloride	4.67	41	235557	48.709	ug/l	99
15) Acrylonitrile	5.37	53	157179	230.797	ug/l	99
16) Acetone	4.14	43	170803	246.620	ug/l	99
17) Carbon Disulfide	4.37	76	458070	49.659	ug/l	100
18) Methyl Acetate	4.68	43	69045	43.354	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	337720	46.566	ug/l	100
20) Methylene Chloride	4.91	84	159643	48.879	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	150173	47.438	ug/l	97
22) Diisopropyl ether	6.31	45	462157	48.089	ug/l	99
23) Vinyl Acetate	6.26	43	1393721	233.042	ug/l	98
24) 1,1-Dichloroethane	6.21	63	265736	47.671	ug/l	100
25) 2-Butanone	7.17	43	222881	232.858	ug/l	99
26) 2,2-Dichloropropane	7.16	77	253332	49.997	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	159389	46.881	ug/l	96
28) Bromochloromethane	7.51	49	108029	46.592	ug/l	100
29) Tetrahydrofuran	7.52	42	133560	221.429	ug/l	99
30) Chloroform	7.68	83	269903	47.030	ug/l	100
31) Cyclohexane	7.95	56	262277	45.823	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	253885	47.936	ug/l	99
36) 1,1-Dichloropropene	8.08	75	223706	50.166	ug/l	99
37) Ethyl Acetate	7.25	43	91208	43.544	ug/l	98
38) Carbon Tetrachloride	8.07	117	231229	50.209	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	277244	52.198	ug/l	98
40) Benzene	8.32	78	607681	51.048	ug/l	98
41) Methacrylonitrile	7.48	41	59391	51.060	ug/l	88
42) 1,2-Dichloroethane	8.40	62	181075	47.117	ug/l	100
43) Isopropyl Acetate	8.42	43	184681	47.340	ug/l	100
44) Trichloroethene	9.09	130	162707	48.767	ug/l	96
45) 1,2-Dichloropropane	9.37	63	146901	49.272	ug/l	98
46) Dibromomethane	9.46	93	76384	46.911	ug/l	98
47) Bromodichloromethane	9.64	83	196776	47.740	ug/l	99
48) Methyl methacrylate	9.44	41	87454	48.144	ug/l	92
49) 1,4-Dioxane	9.46	88	21870	937.957	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	484407	244.589	ug/l	100
52) Toluene	10.39	92	421398	52.197	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	203011	49.799	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	231715	49.462	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	104449	47.327	ug/l	97
56) Ethyl methacrylate	10.65	69	141889	51.803	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187317	47.912	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	336504	236.988	ug/l	99
59) 2-Hexanone	10.97	43	360387	258.814	ug/l	99
60) Dibromochloromethane	11.13	129	132366	48.465	ug/l	100
61) 1,2-Dibromoethane	11.24	107	102786	47.508	ug/l	99
64) Tetrachloroethene	10.86	164	149928	50.327	ug/l	98
65) Chlorobenzene	11.66	112	460350	51.198	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	147690	49.193	ug/l	98
67) Ethyl Benzene	11.73	91	852843	52.503	ug/l	99
68) m/p-Xylenes	11.84	106	671569	104.742	ug/l	99
69) o-Xylene	12.16	106	312322	52.353	ug/l	98
70) Styrene	12.18	104	507086	52.536	ug/l	99
71) Bromoform	12.35	173	80267	49.793	ug/l #	96
73) Isopropylbenzene	12.46	105	872787	53.159	ug/l	100
74) N-amyl acetate	12.27	43	203810	52.437	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	127756	49.329	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90523m	49.973	ug/l	
77) Bromobenzene	12.75	156	191625	51.081	ug/l	97
78) n-propylbenzene	12.80	91	1069768	52.898	ug/l	100
79) 2-Chlorotoluene	12.89	91	599120	52.729	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	741413	52.388	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	40997	50.623	ug/l	97
82) 4-Chlorotoluene	12.99	91	627530	51.811	ug/l	99
83) tert-Butylbenzene	13.21	119	634285	53.141	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	758022	52.948	ug/l	99
85) sec-Butylbenzene	13.38	105	937485	53.012	ug/l	99
86) p-Isopropyltoluene	13.50	119	838039	52.973	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	404418	51.297	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	396951	50.948	ug/l	99
89) n-Butylbenzene	13.83	91	805051	53.529	ug/l	99
90) Hexachloroethane	14.10	117	139795	51.236	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	351811	50.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24330	52.746	ug/l	94

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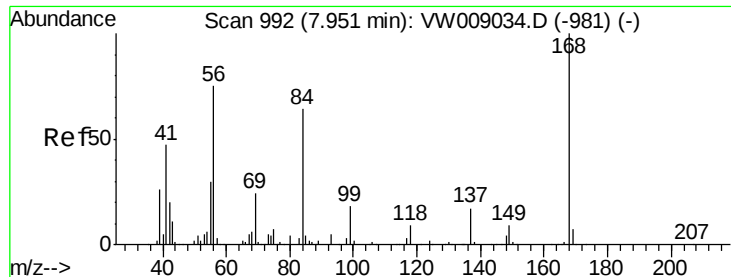
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	239691	51.024	ug/l	100
94) Hexachlorobutadiene	15.24	225	149273	50.732	ug/l	99
95) Naphthalene	15.37	128	393197	51.133	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	204607	49.533	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampled :

ICVW030719

Tot Ion:168 Resp: 305053

Ion Ratio Lower Upper

168 100

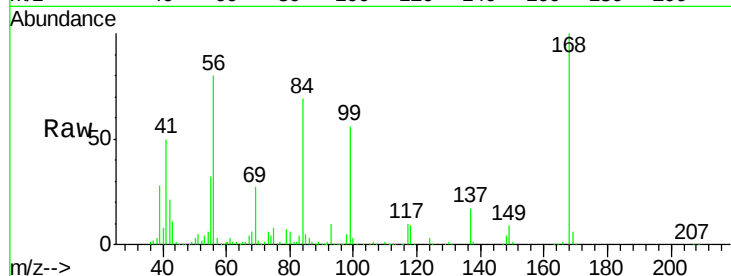
99 55.9 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

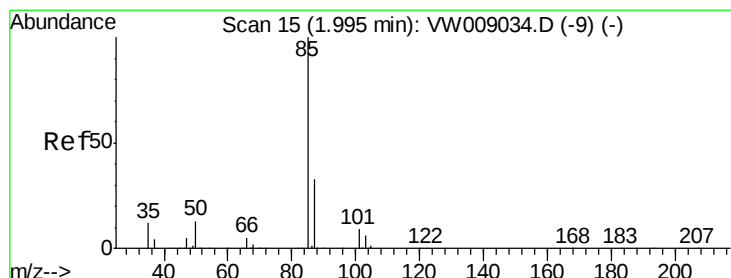
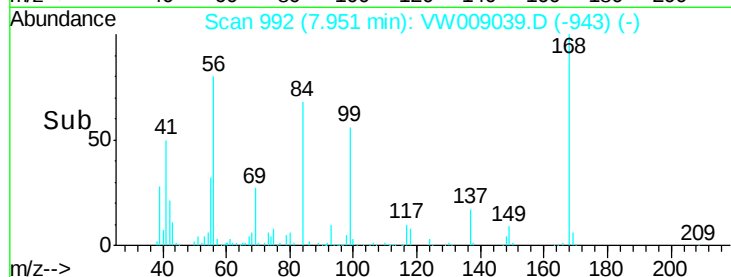
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.720 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW009039.D

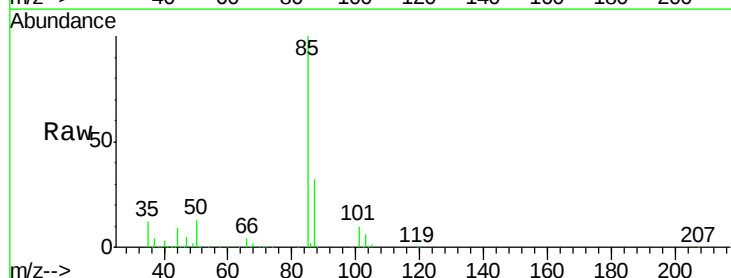
Acq: 07 Mar 2019 14:46

Tgt Ion: 85 Resp: 143634

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

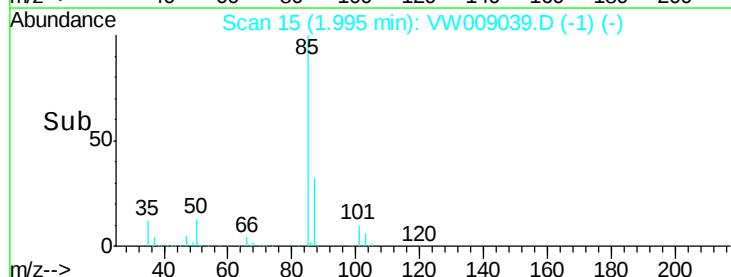
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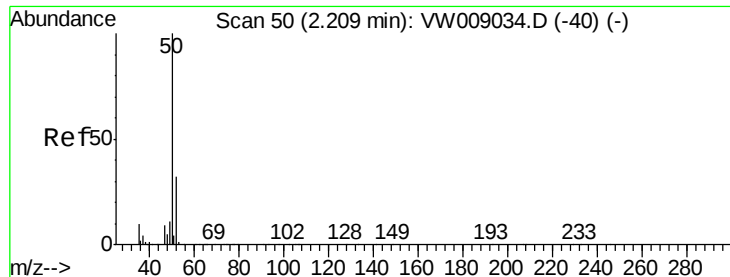
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 47.682 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 50 Resp: 186221

Ion Ratio Lower Upper

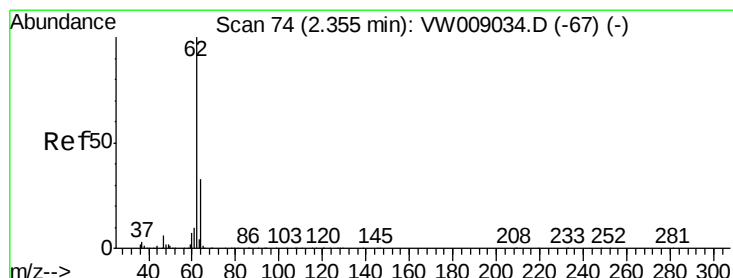
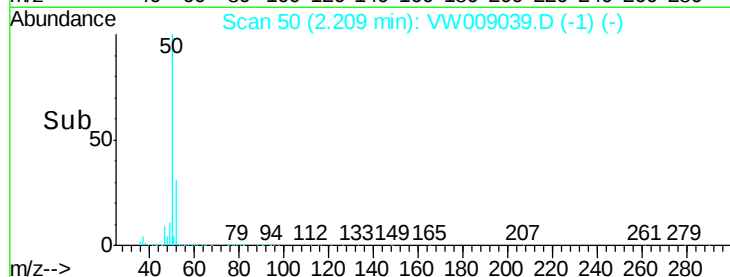
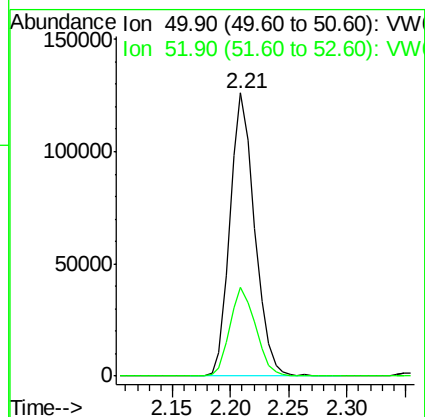
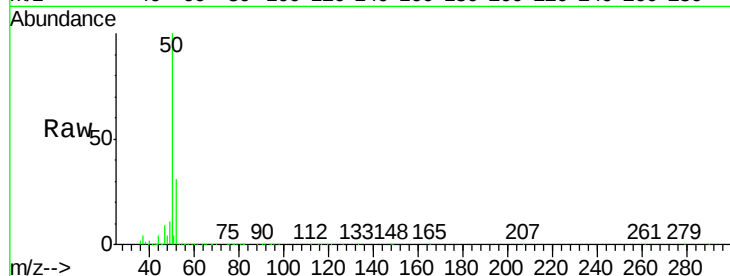
50 100

52 31.3 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.147 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW009039.D

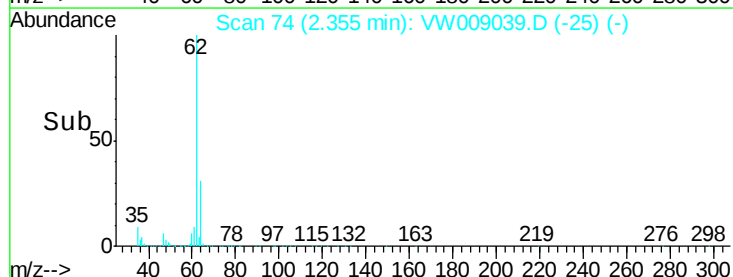
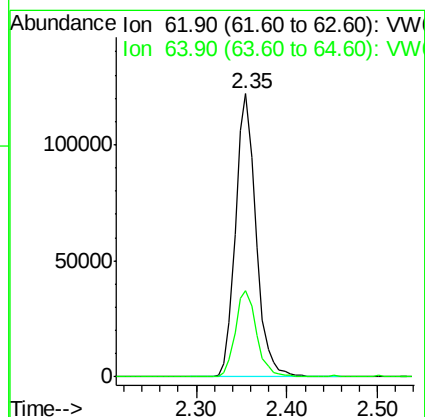
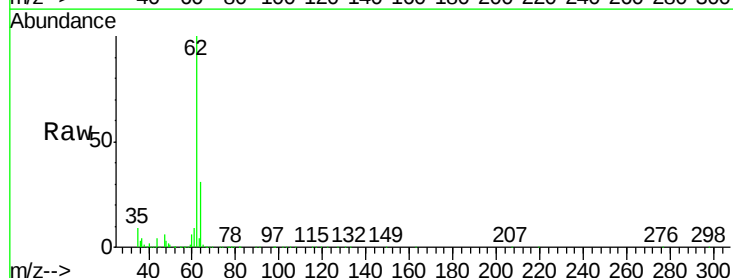
Acq: 07 Mar 2019 14:46

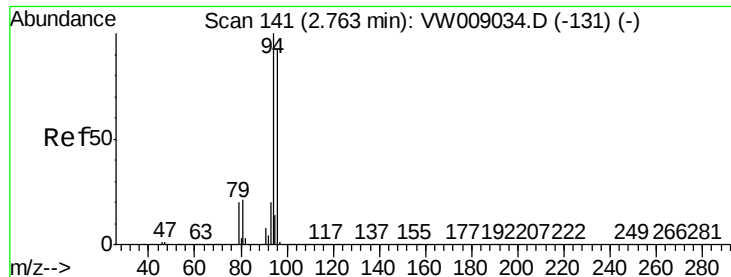
Tgt Ion: 62 Resp: 190826

Ion Ratio Lower Upper

62 100

64 30.5 26.0 39.0





#5

Bromomethane

Concen: 46.207 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

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ClientSampleId :

ICVW030719

Tot Ion: 94 Resp: 154592

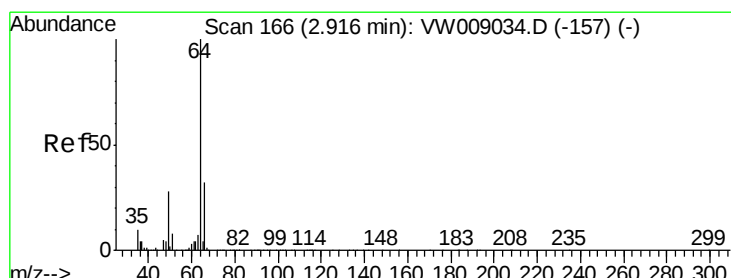
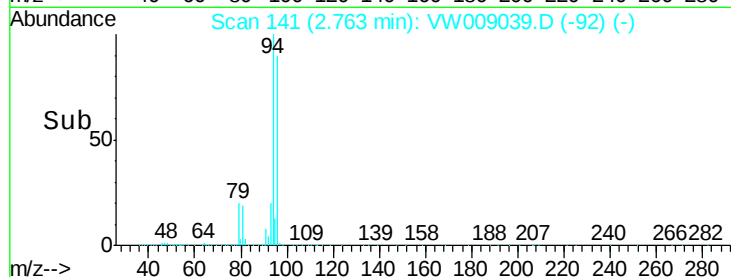
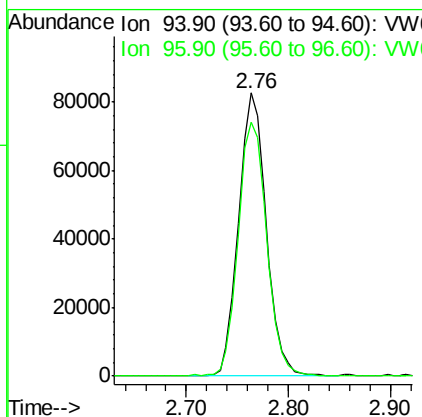
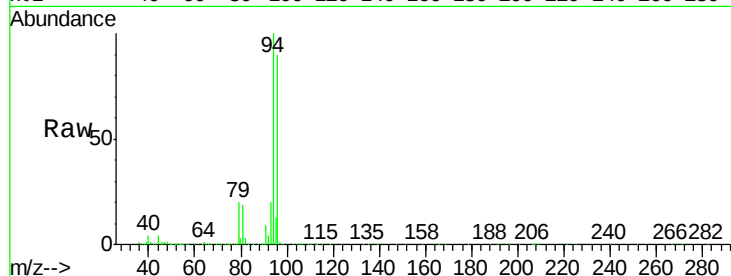
Ion Ratio Lower Upper

94 100

96 89.7 74.4 111.6

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#6

Chloroethane

Concen: 48.710 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009039.D

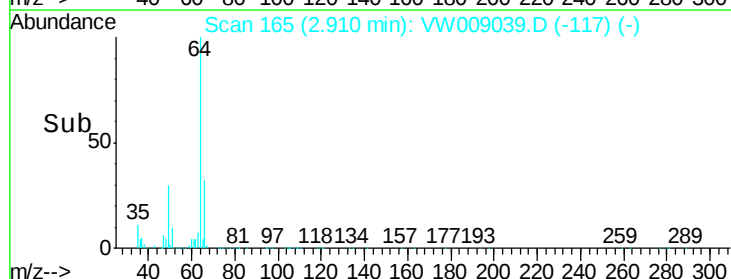
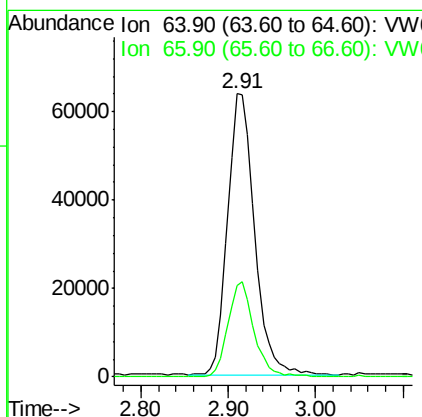
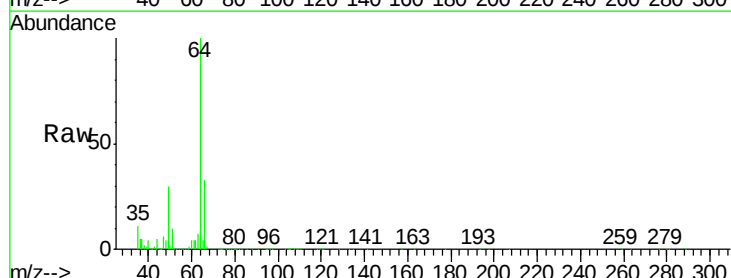
Acq: 07 Mar 2019 14:46

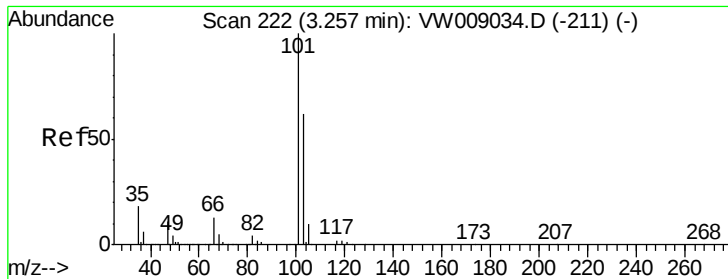
Tgt Ion: 64 Resp: 137440

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

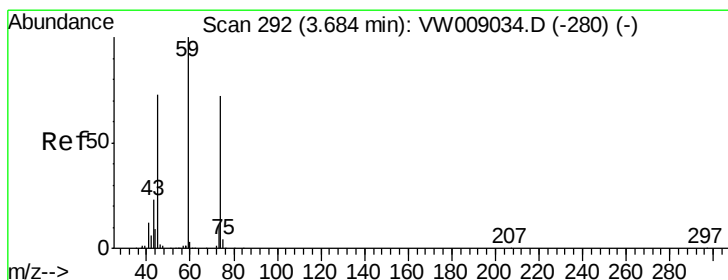
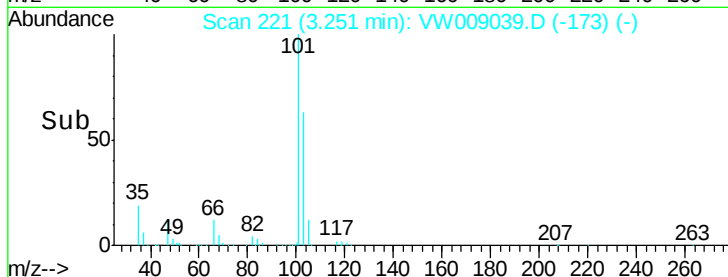
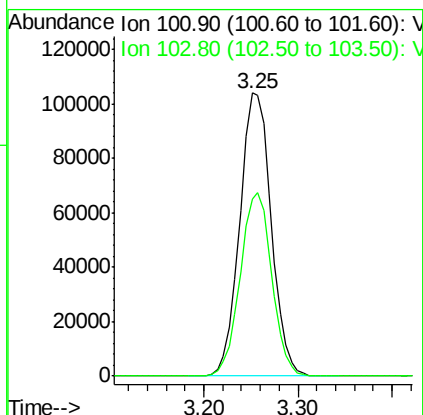
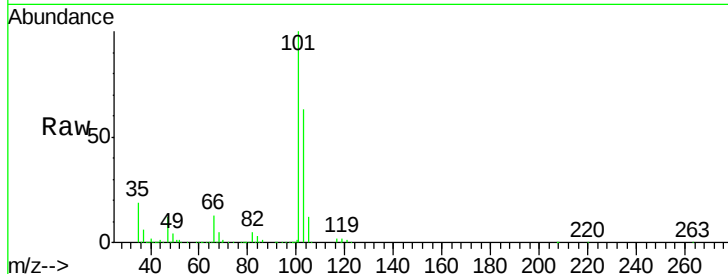
Trichlorofluoromethane
Concen: 47.740 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	49.9	74.9

Manual Integrations
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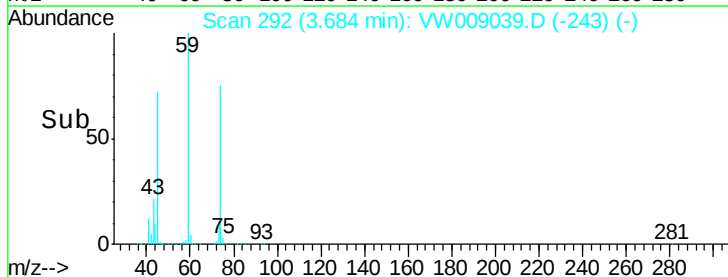
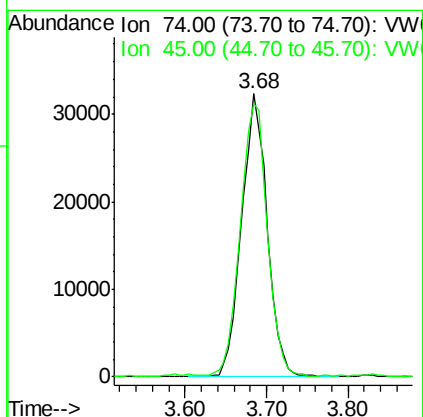
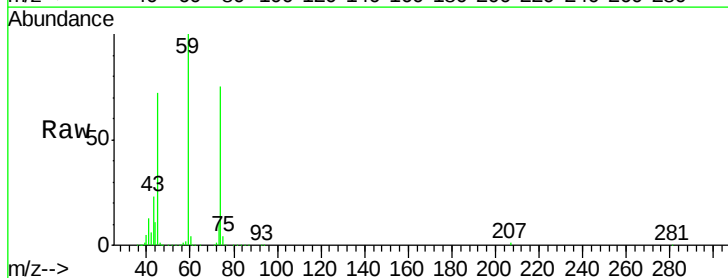
MMDadoda
3/8/2019 12:06:35 PM

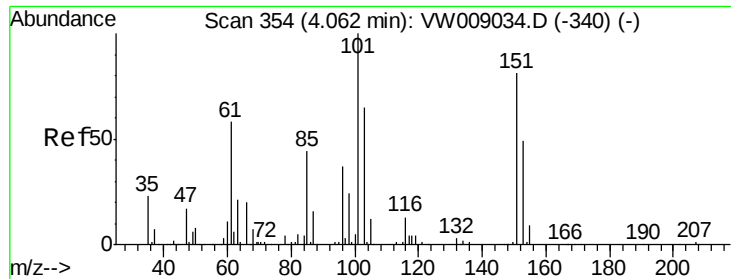


#8

Diethyl Ether
Concen: 45.072 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.578 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

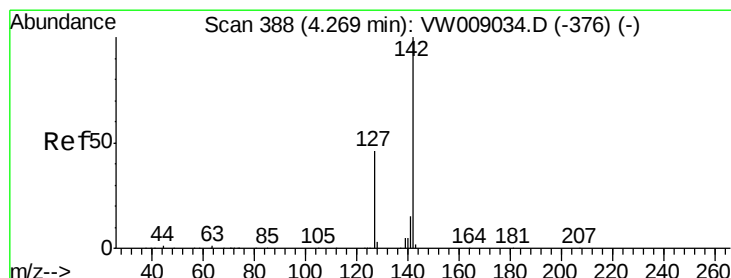
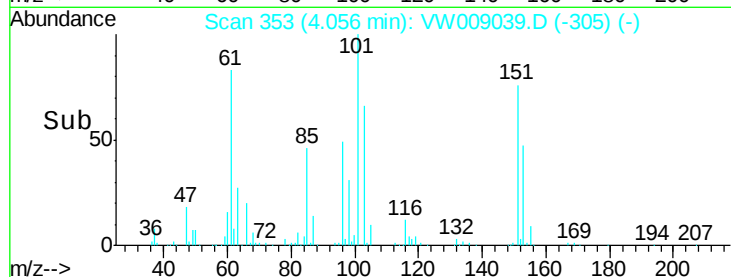
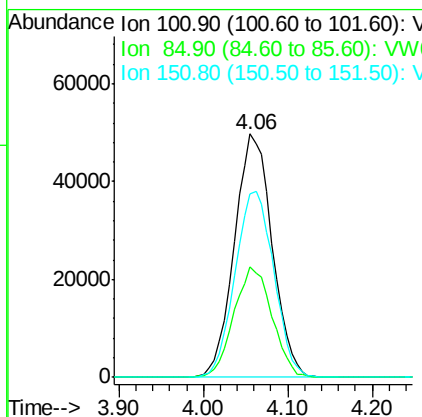
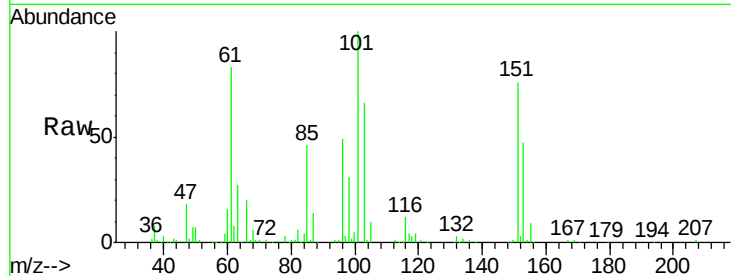
ClientSampled :

ICVW030719

Tot Ion:	101	Resp:	151220
Ion Ratio	Lower	Upper	
101	100		
85	45.8	36.2	54.4
151	78.4	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 50.861 ug/l

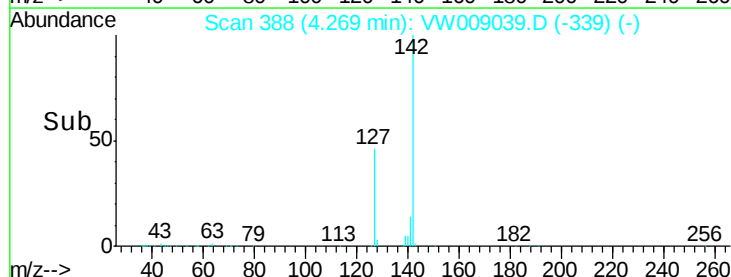
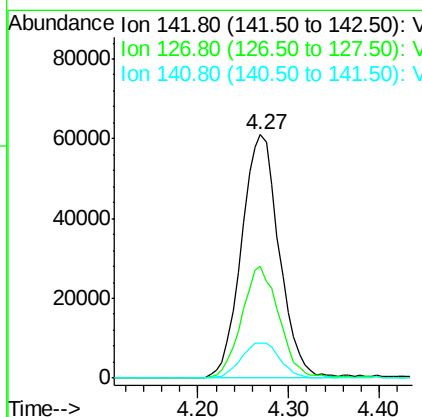
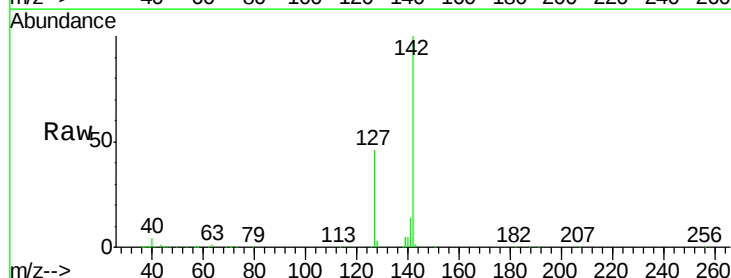
RT: 4.27 min Scan# 388

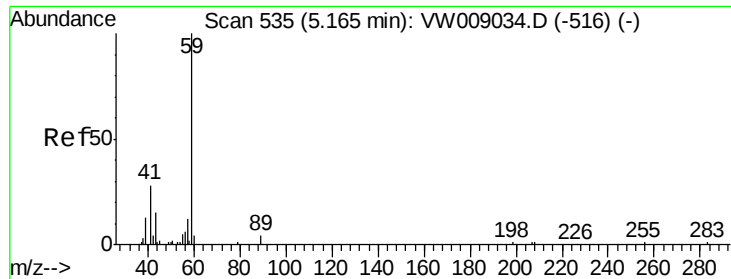
Delta R.T. 0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	142	Resp:	175554
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.8	53.6
141	15.0	11.8	17.8





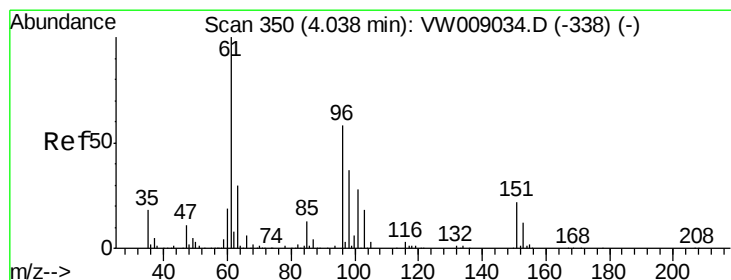
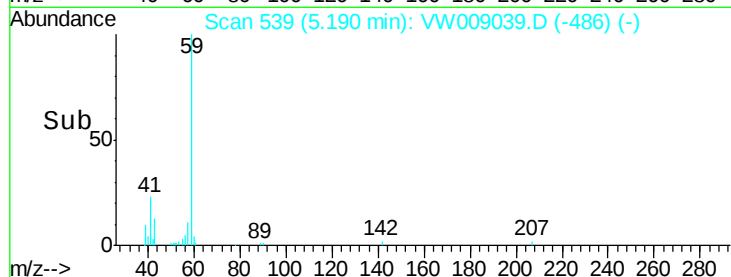
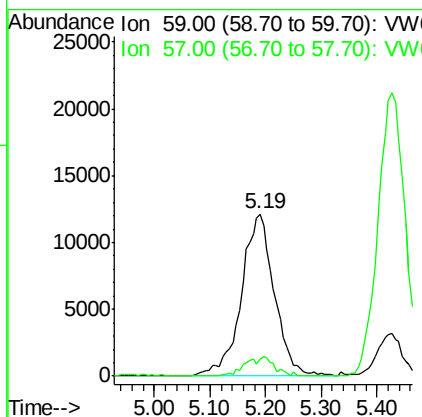
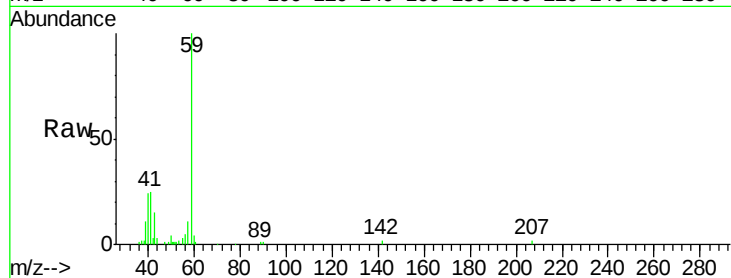
#11
Tert butyl alcohol
Concen: 213.331 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.6	12.8#

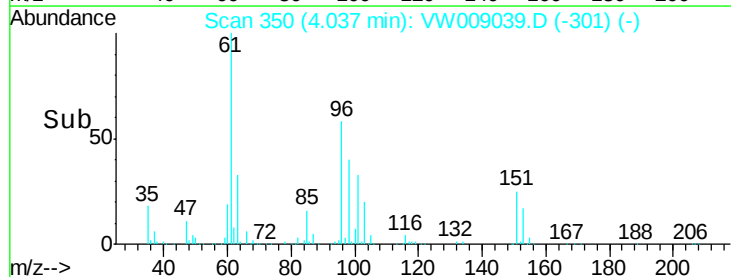
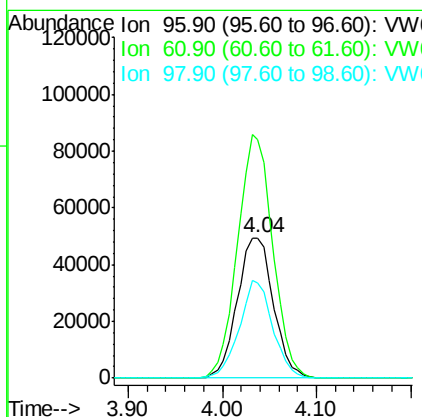
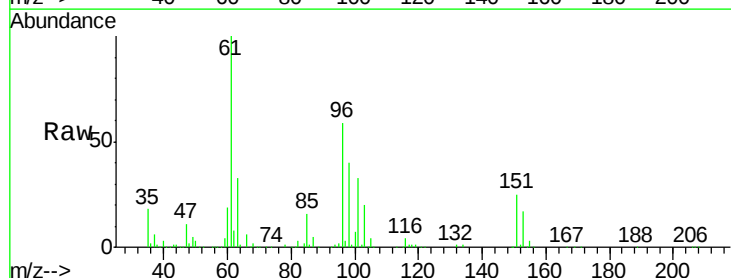
Manual Integrations
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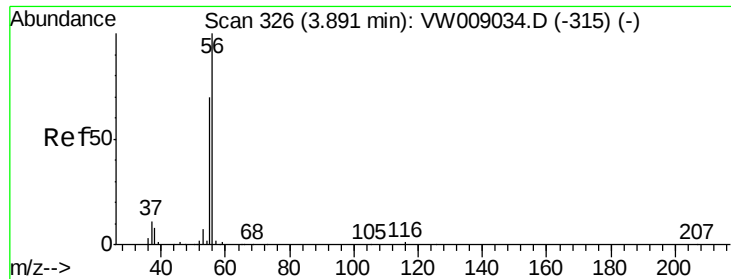
MMDadoda
3/8/2019 12:06:35 PM



#12
1,1-Dichloroethene
Concen: 48.339 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	138.2	207.2
98	67.7	51.3	76.9





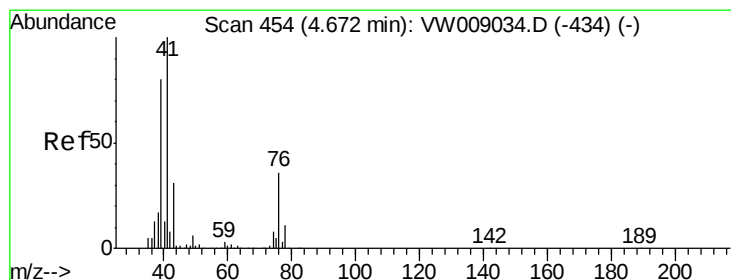
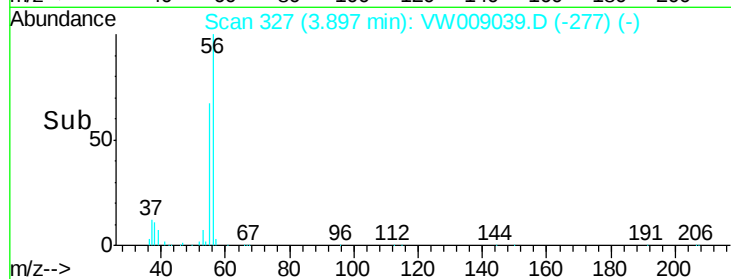
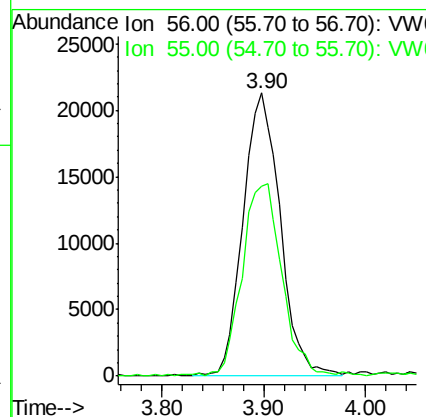
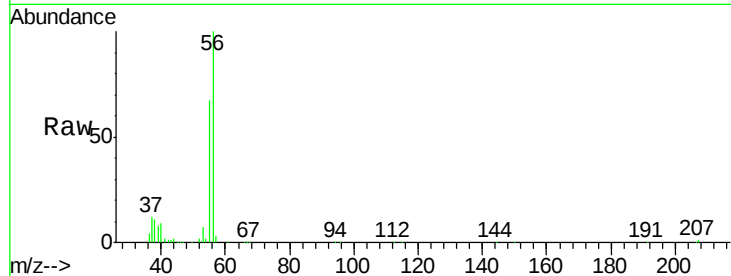
#13
Acrolein
Concen: 208.506 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.1	56.6	84.8

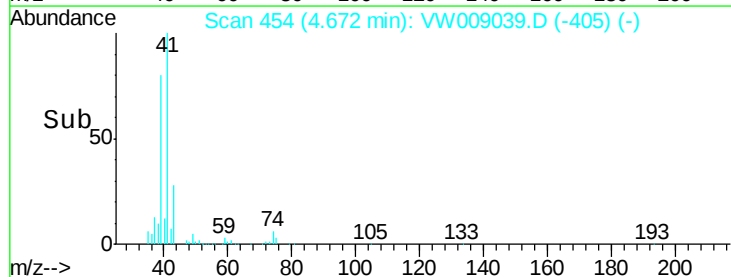
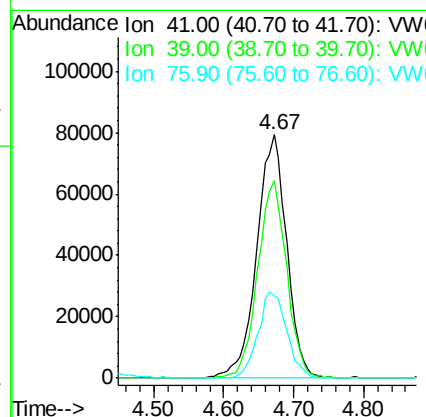
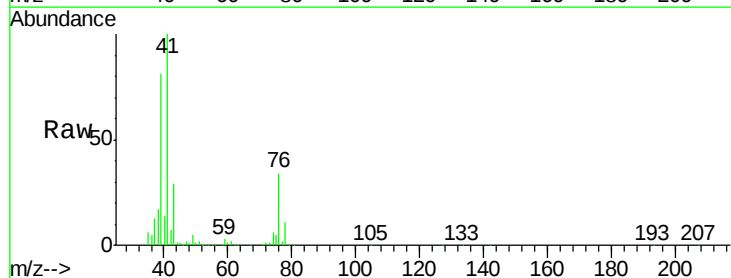
Manual Integrations
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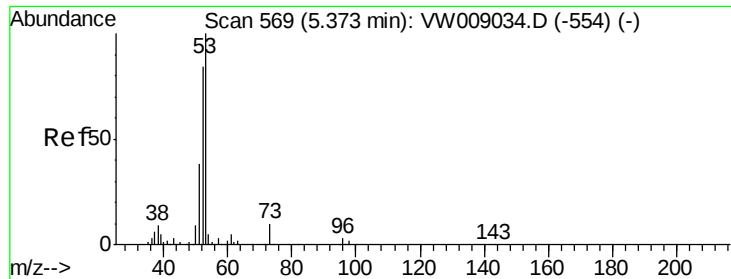
MMDadoda
3/8/2019 12:06:35 PM



#14
Allyl chloride
Concen: 48.709 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	78.7	63.0	94.4
76	76	34.1	28.2	42.2





#15

Acrylonitrile

Concen: 230.797 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

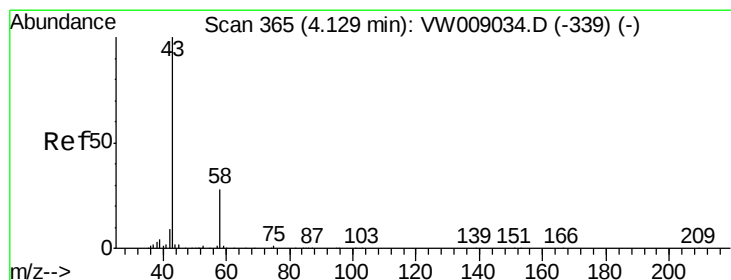
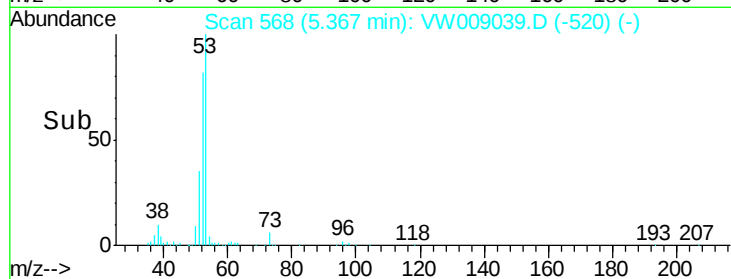
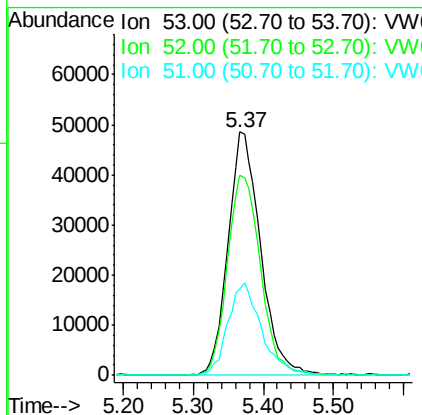
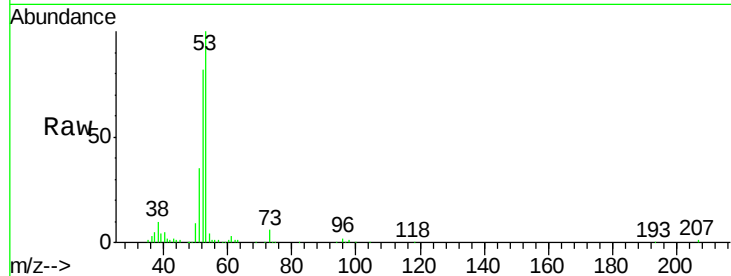
ClientSampleId :

ICVW030719

Tot Ion:	53	Resp:	157179
Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.2	100.8
51	39.6	31.8	47.6

Manual Integrations
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#16

Acetone

Concen: 246.620 ug/l

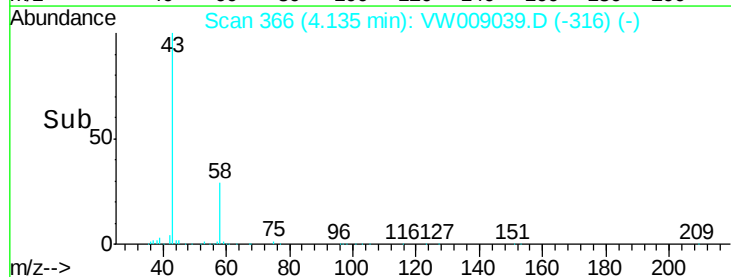
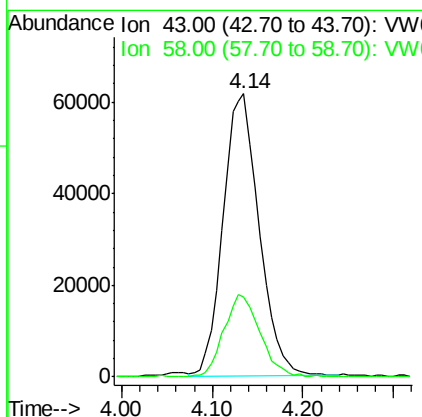
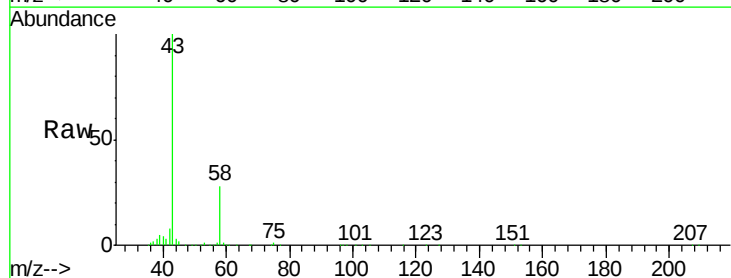
RT: 4.14 min Scan# 366

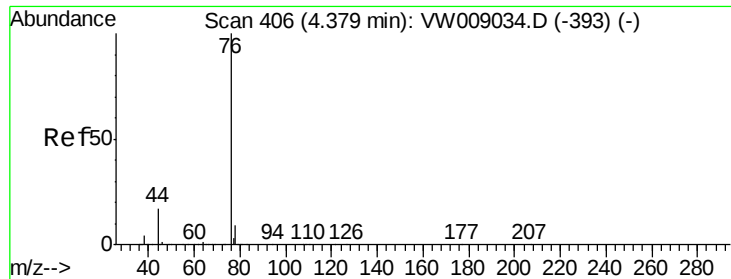
Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	43	Resp:	170803
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.5	33.7





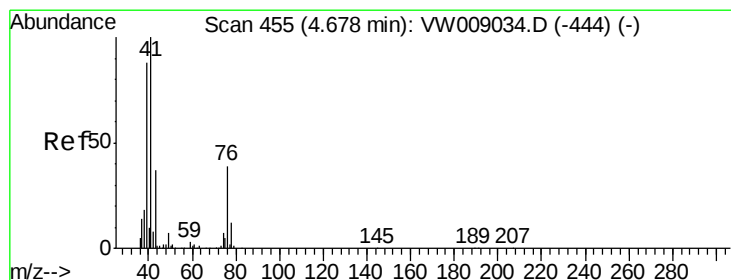
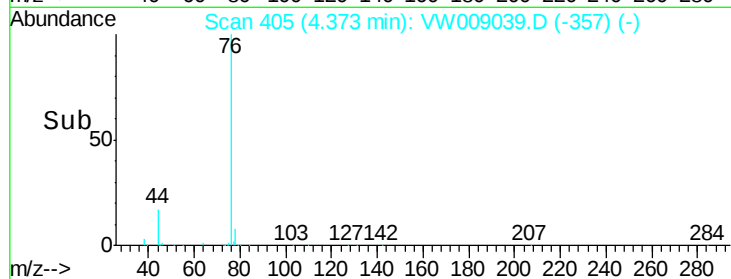
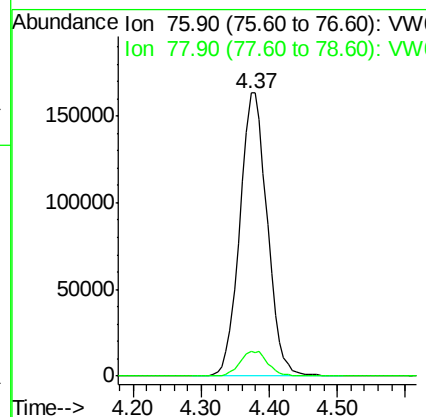
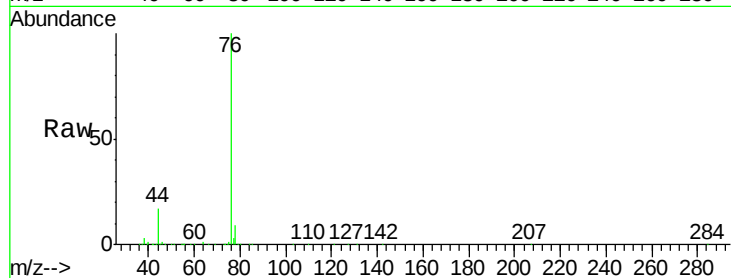
#17
Carbon Disulfide
Concen: 49.659 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

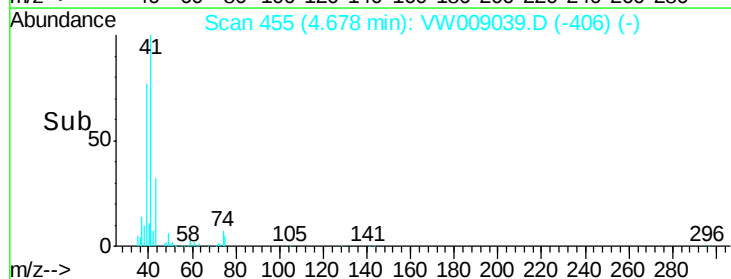
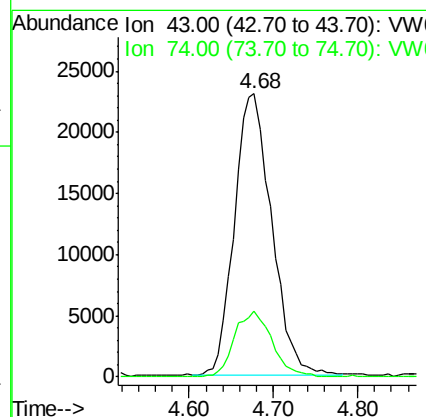
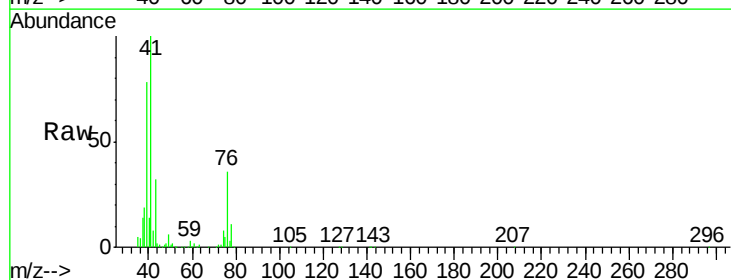
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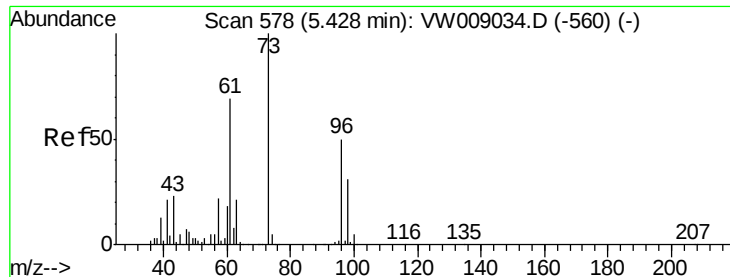
MMDadoda
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#18
Methyl Acetate
Concen: 43.354 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	17.6	26.4





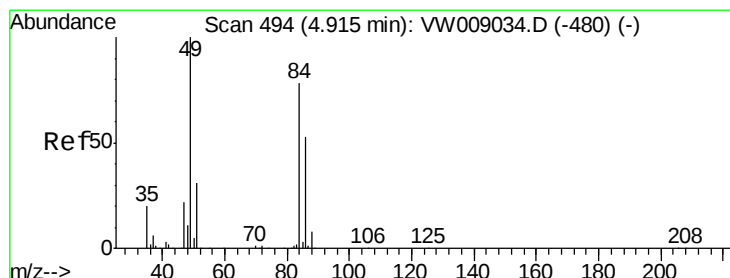
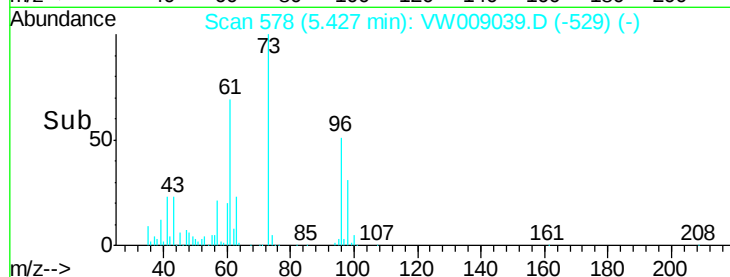
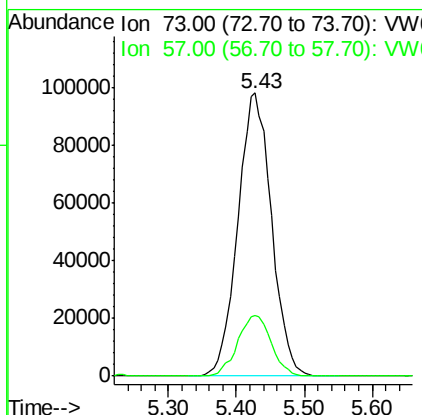
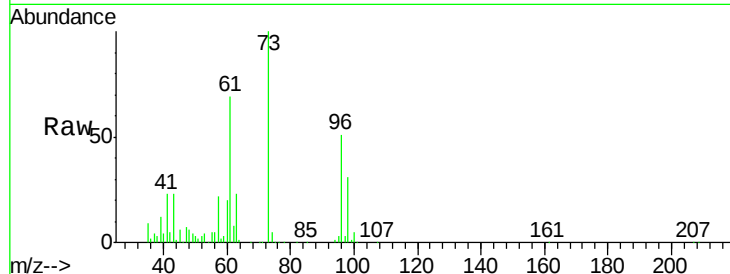
#19
Methyl tert-butyl Ether
Concen: 46.566 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampled :
ICVW030719

Tot Ion: 73 Resp: 337720
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

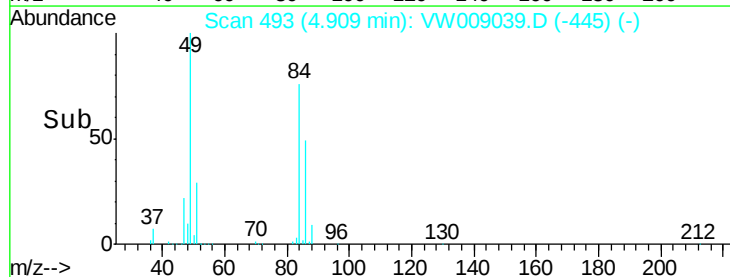
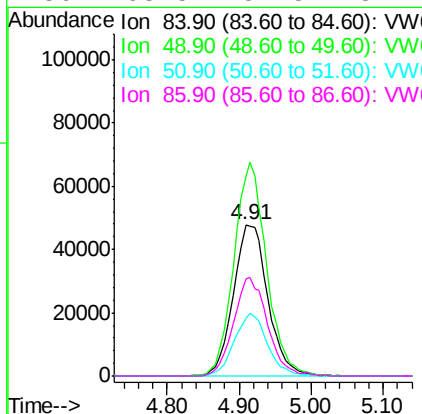
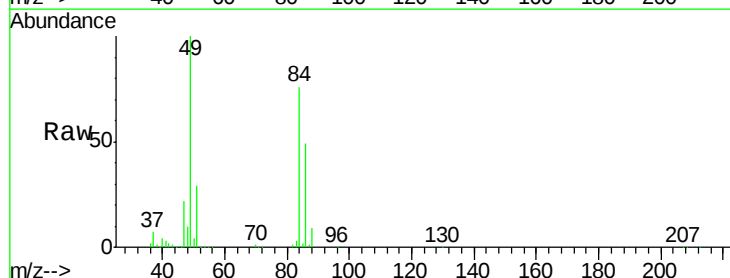
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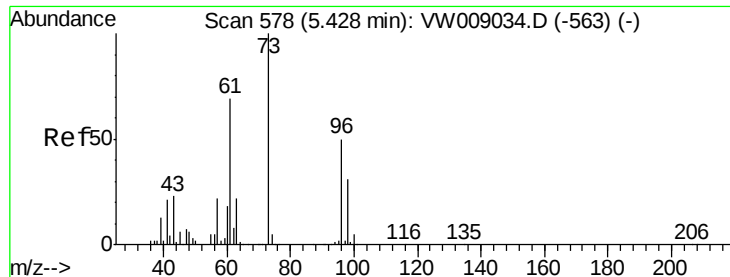
MMDadoda
3/8/2019 12:06:35 PM



#20
Methylene Chloride
Concen: 48.879 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 84 Resp: 159643
Ion Ratio Lower Upper
84 100
49 131.6 102.4 153.6
51 38.4 31.6 47.4
86 63.5 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 47.438 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

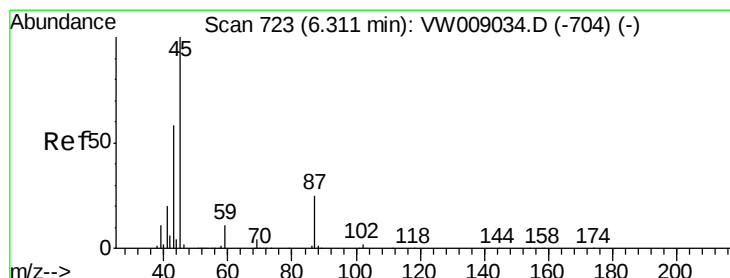
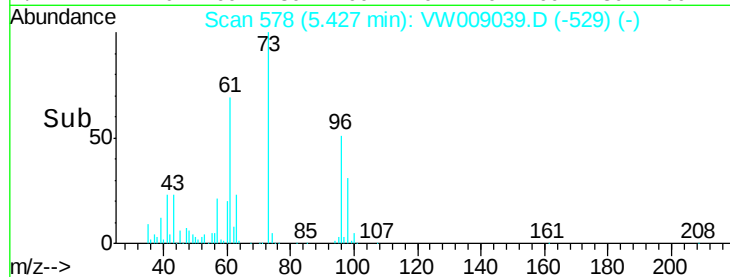
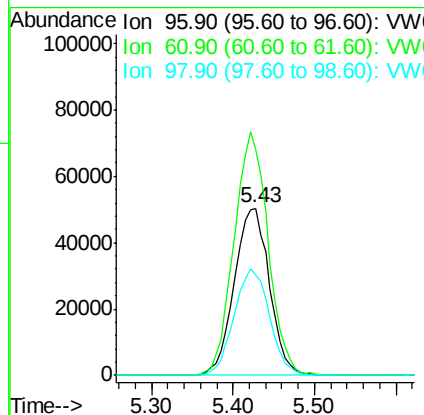
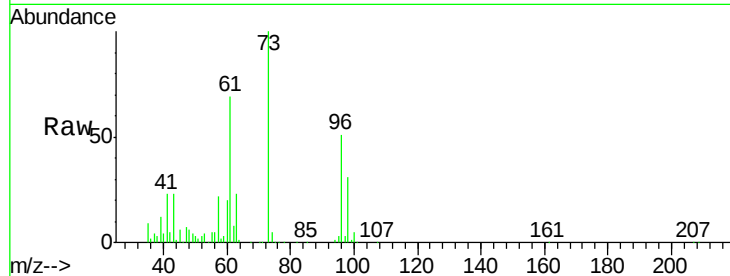
ClientSampled :

ICVW030719

Tot Ion:	96	Resp:	150173
Ion	Ratio	Lower	Upper
96	100		
61	135.0	111.0	166.6
98	60.0	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.089 ug/l

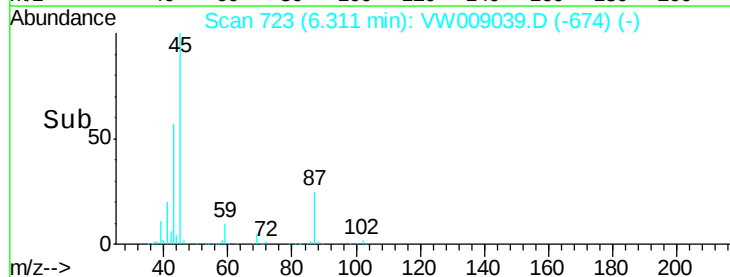
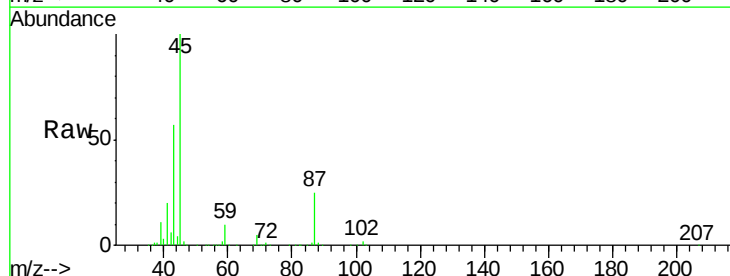
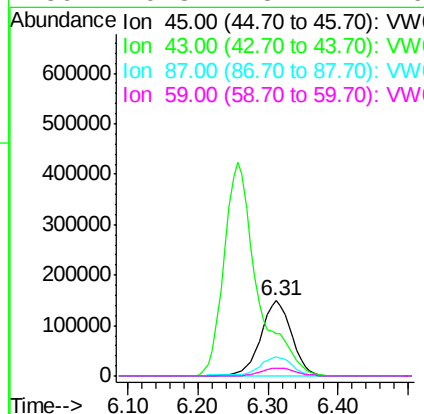
RT: 6.31 min Scan# 723

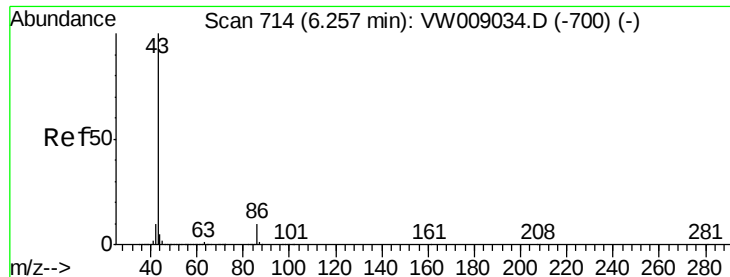
Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	45	Resp:	462157
Ion	Ratio	Lower	Upper
45	100		
43	56.8	46.2	69.4
87	25.4	20.1	30.1
59	9.8	8.4	12.6





#23

Vinyl Acetate

Concen: 233.042 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 43 Resp: 1393721

Ion Ratio Lower Upper

43 100

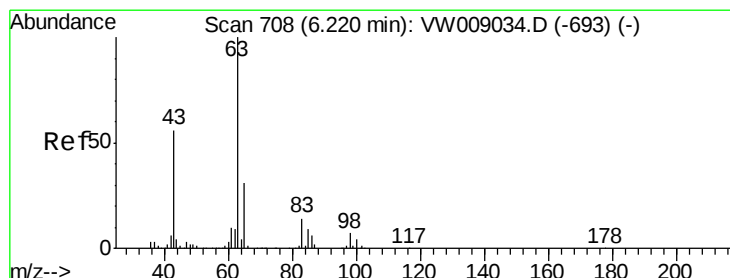
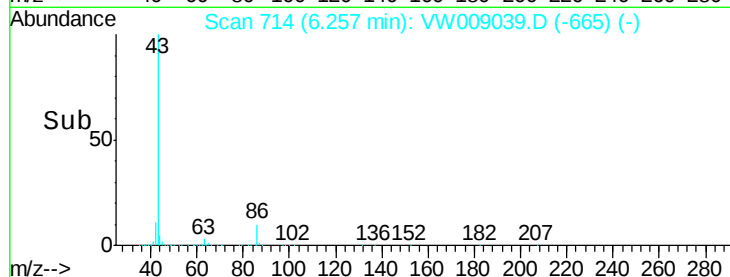
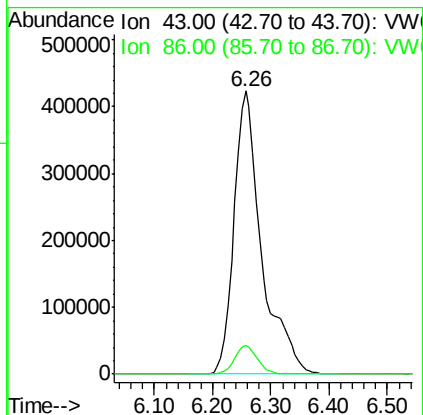
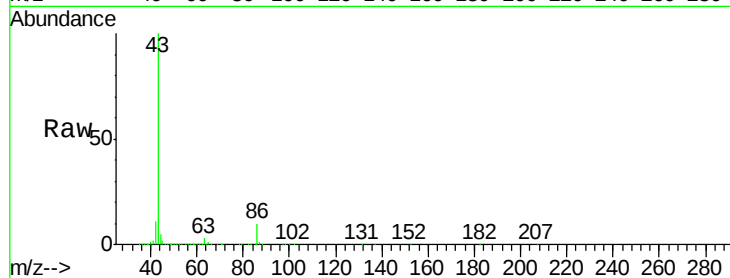
86 10.1 7.6 11.4

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 47.671 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

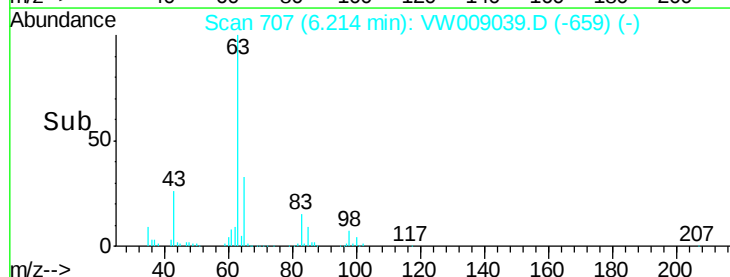
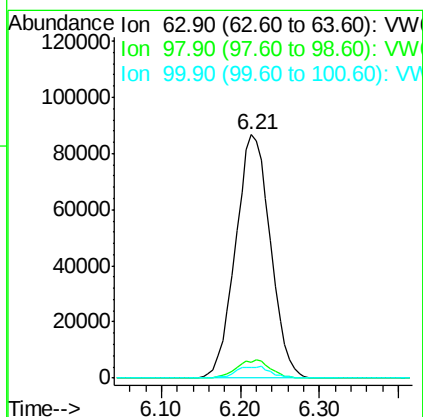
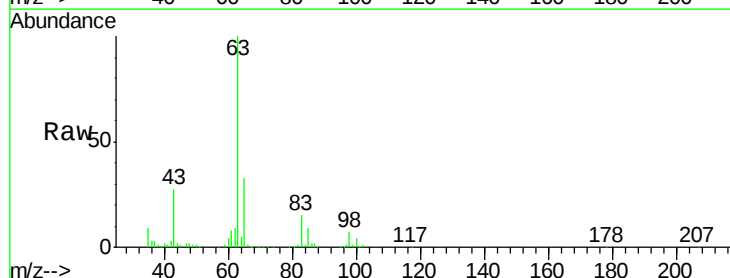
Tgt Ion: 63 Resp: 265736

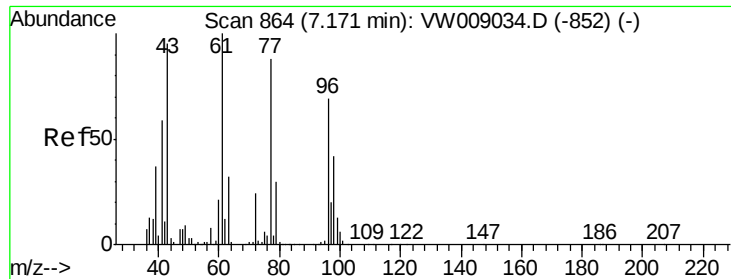
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 232.858 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 43 Resp: 222881

Ion Ratio Lower Upper

43 100

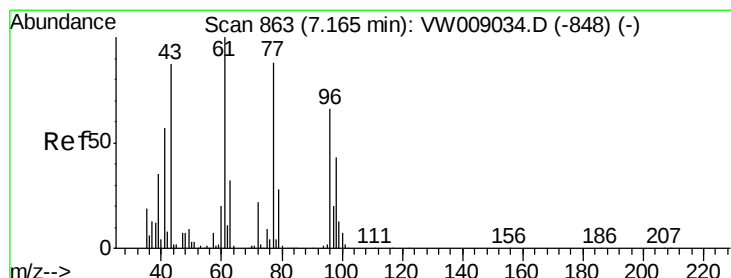
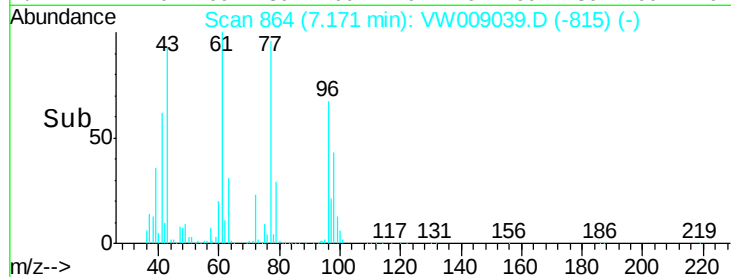
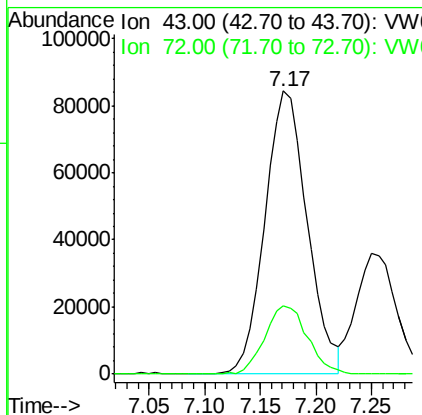
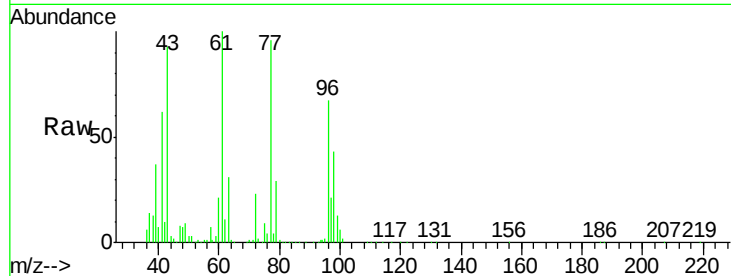
72 24.3 20.0 30.0

Manual Integrations

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3/8/2019 12:06:35 PM



#26

2,2-Dichloropropane

Concen: 49.997 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009039.D

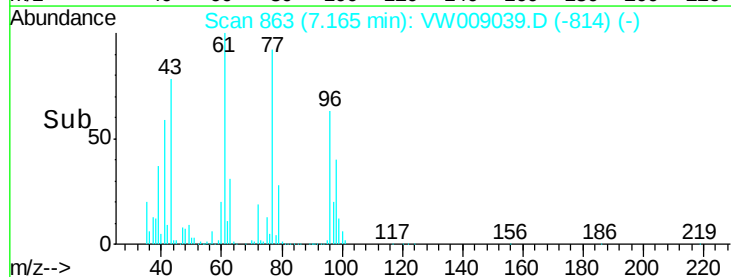
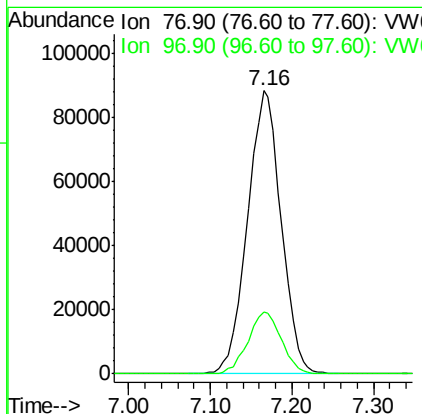
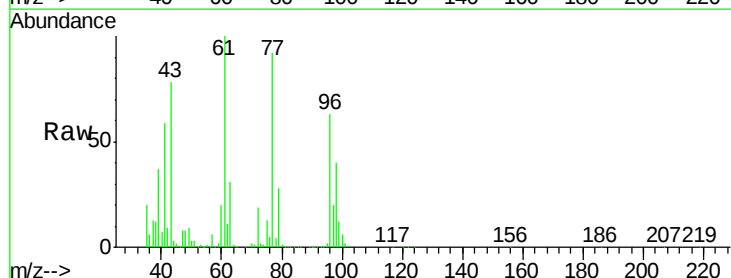
Acq: 07 Mar 2019 14:46

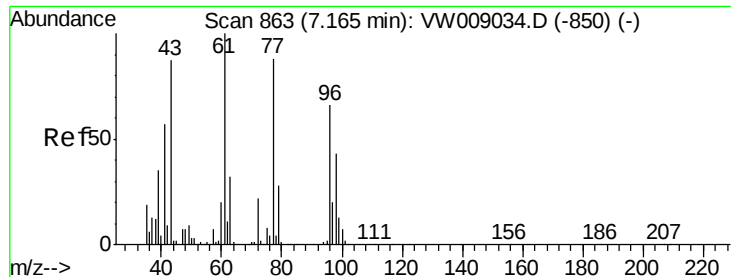
Tgt Ion: 77 Resp: 253332

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9





#27

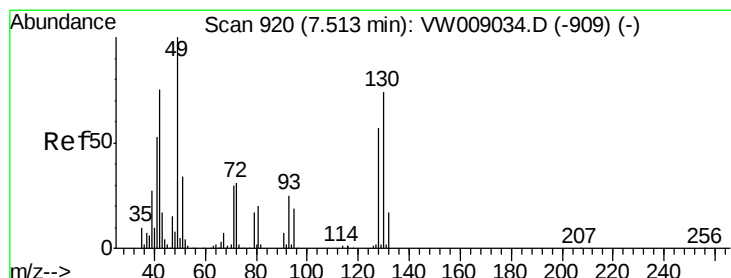
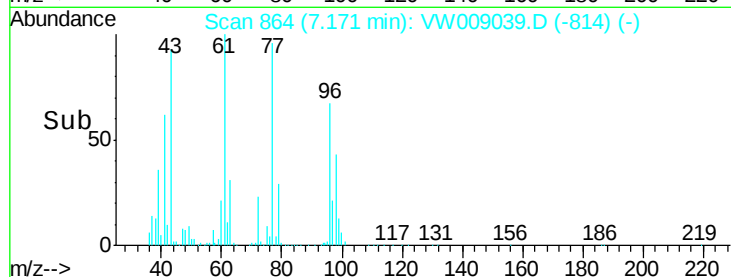
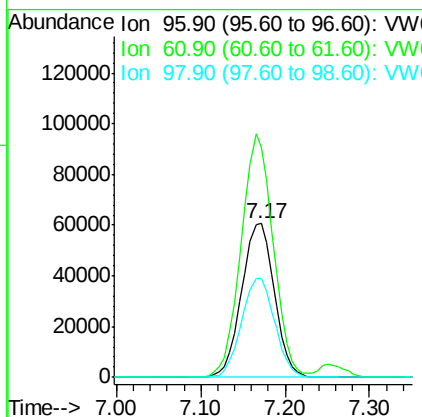
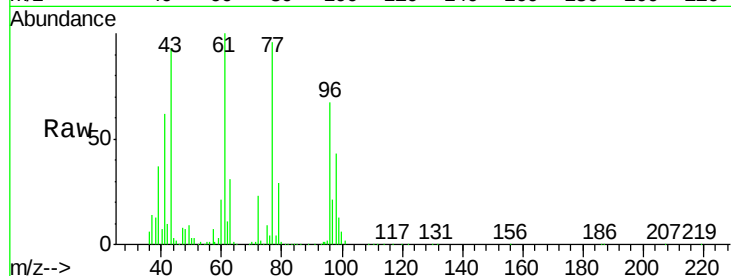
cis-1,2-Dichloroethene
Concen: 46.881 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	299.8
98	65.1	0.0	127.2

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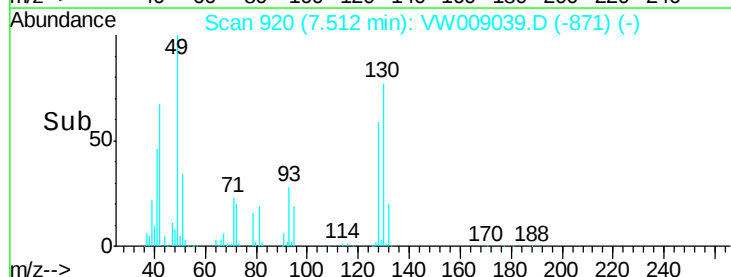
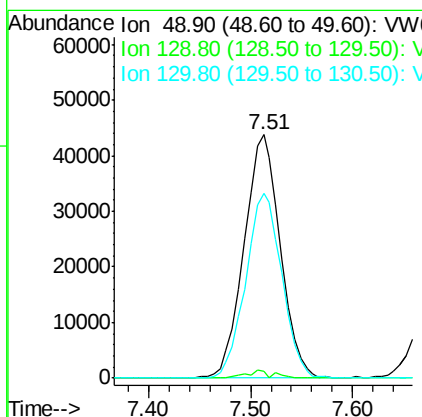
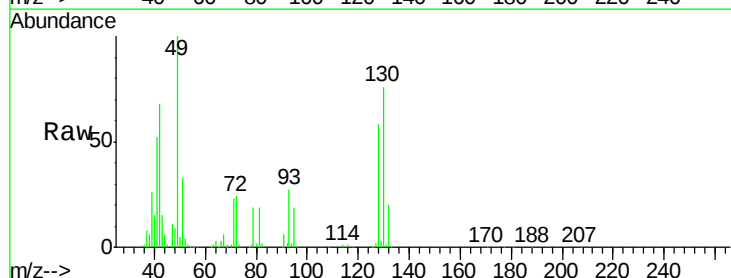
MMDadoda
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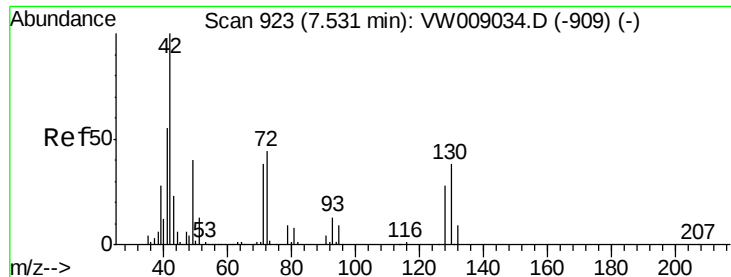


#28

Bromochloromethane
Concen: 46.592 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	75.8	60.4	90.6





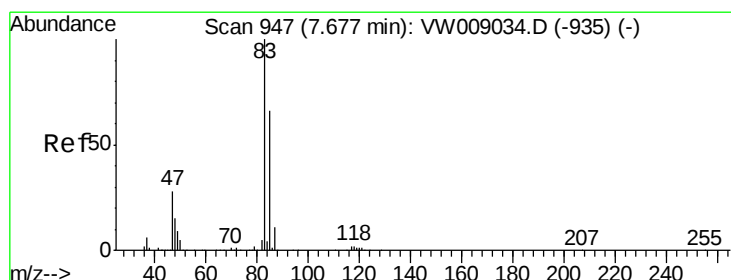
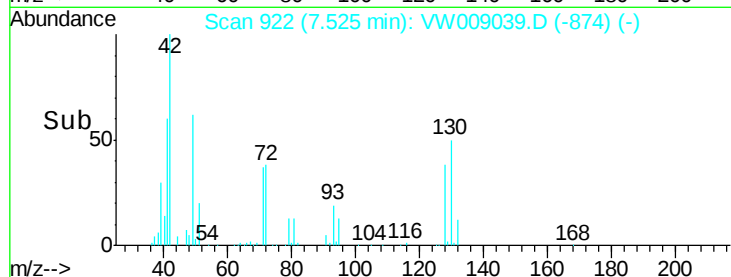
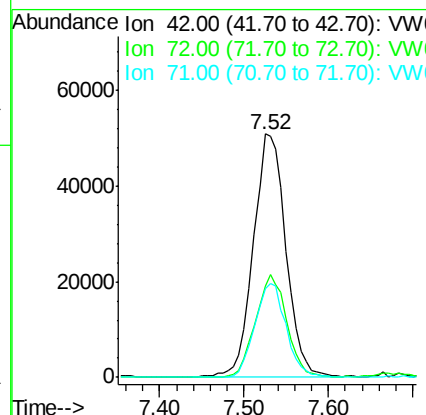
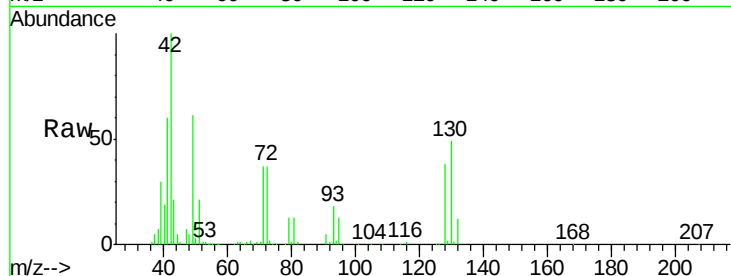
#29
Tetrahydrofuran
Concen: 221.429 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.2	48.4
71	37.3	30.7	46.1

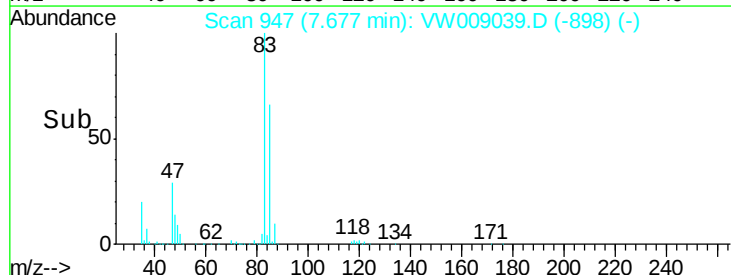
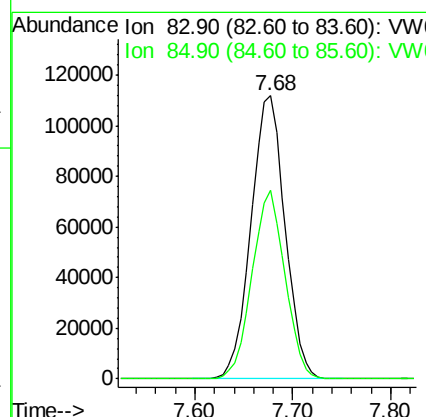
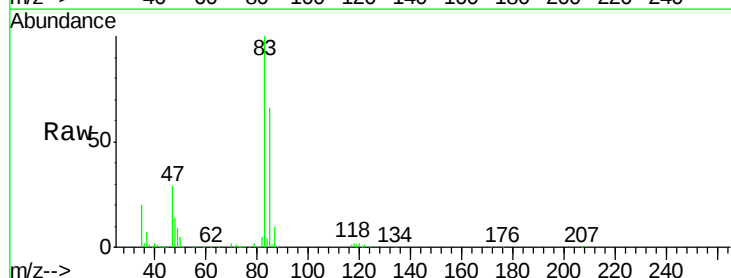
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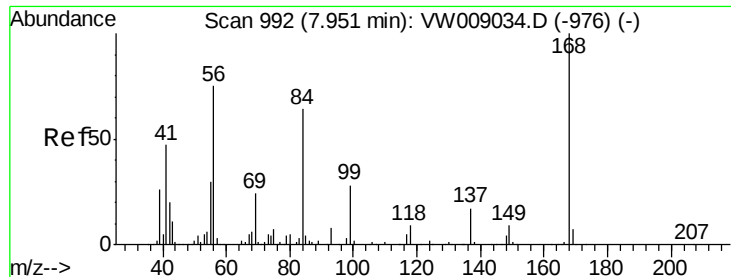
MMDadoda
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#30
Chloroform
Concen: 47.030 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	53.0	79.6





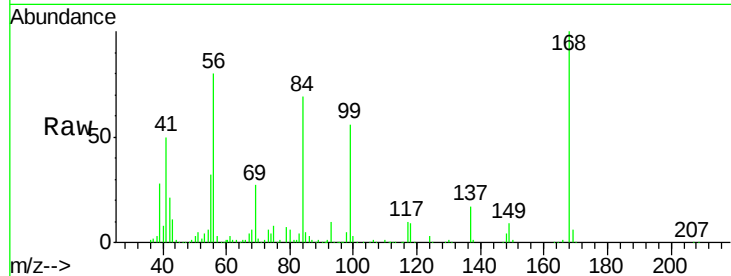
#31
Cyclohexane
Concen: 45.823 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampled :
ICVW030719

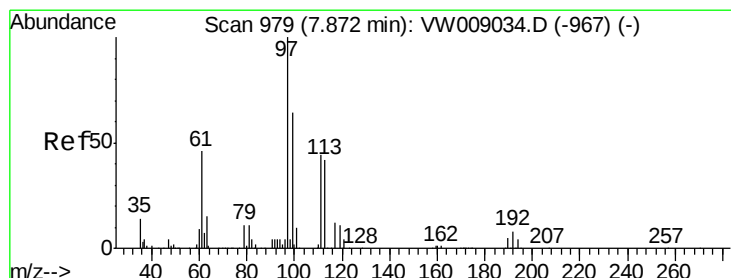
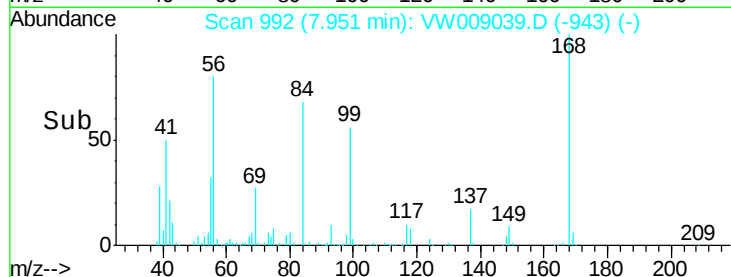
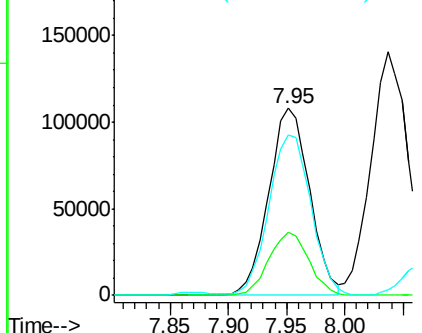
Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.5	38.3
84	84.3	68.6	103.0

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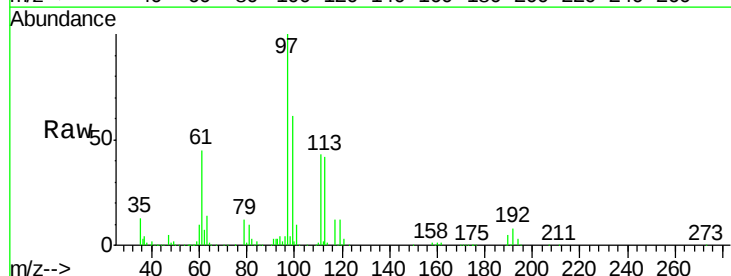


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

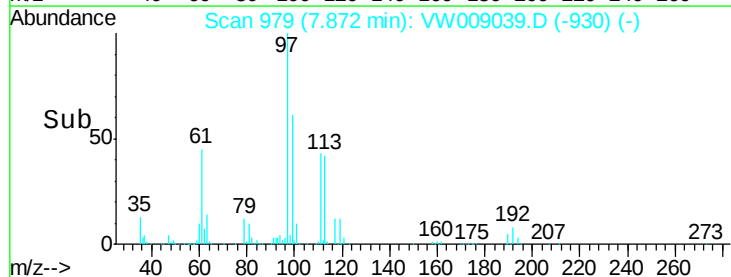
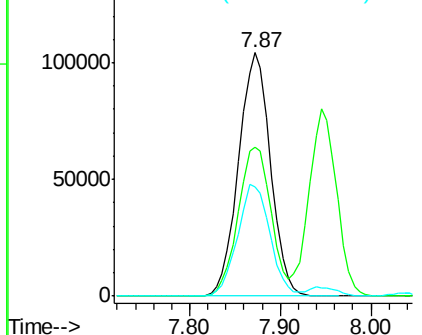


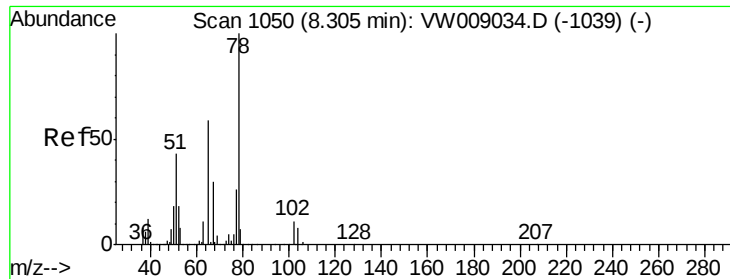
#32
1,1,1-Trichloroethane
Concen: 47.936 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.8
61	46.9	37.3	55.9



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





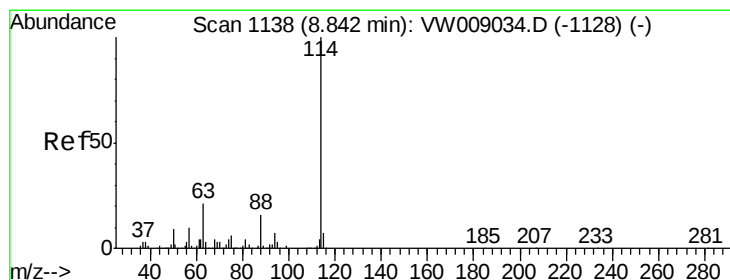
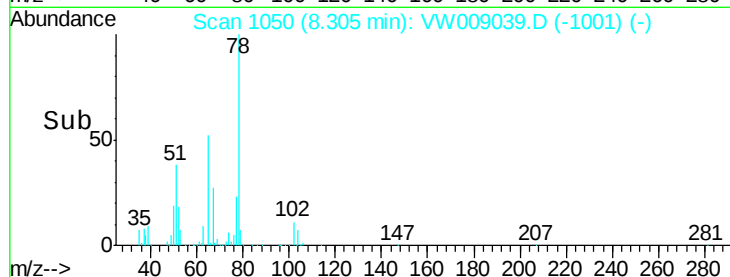
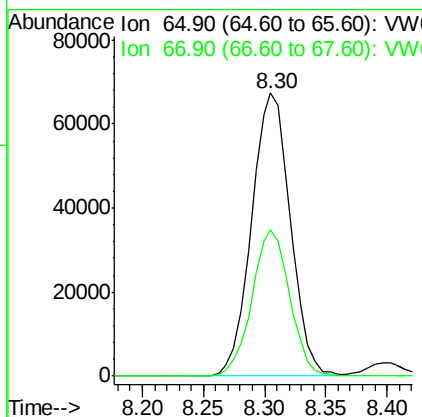
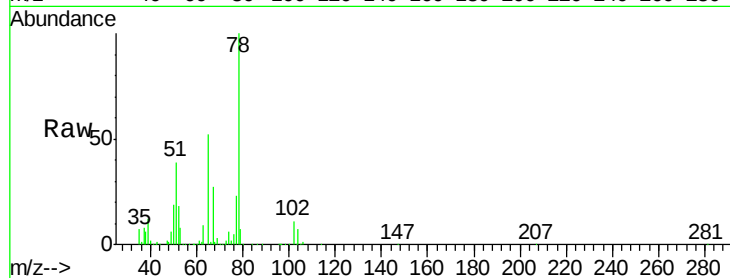
#33
 1,2-Dichloroethane-d4
 Concen: 48.342 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.5	0.0	103.0	

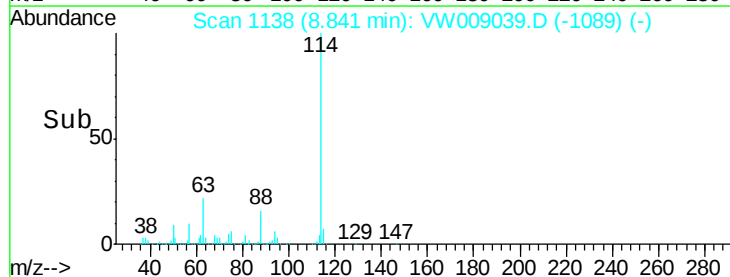
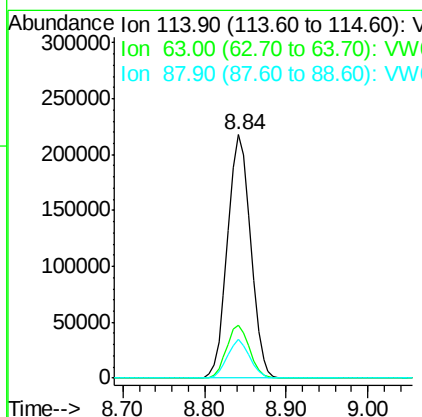
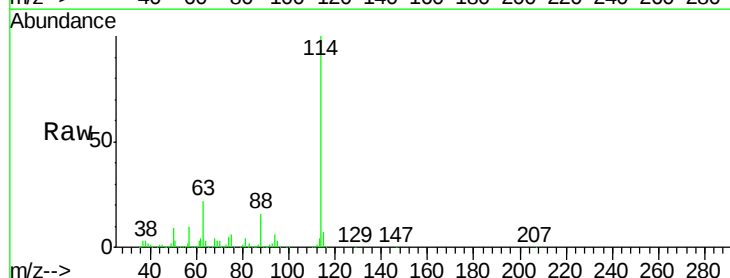
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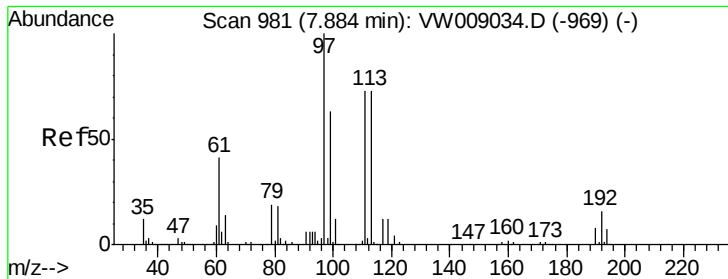
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	41.2	
88	16.0	0.0	31.2	





#35

Dibromofluoromethane

Concen: 52.401 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

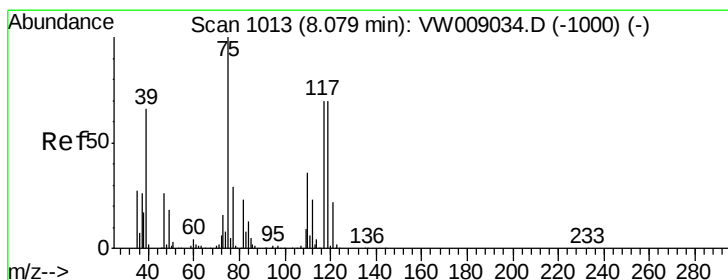
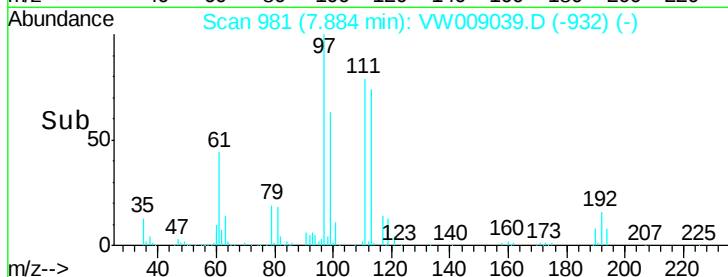
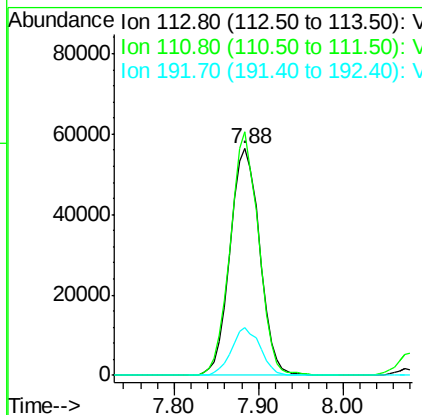
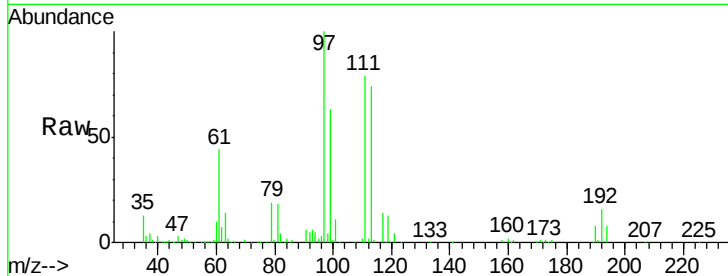
ClientSampleId :

ICVW030719

Tot Ion:	113	Resp:	134555
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.0	121.4
192	20.3	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 50.166 ug/l

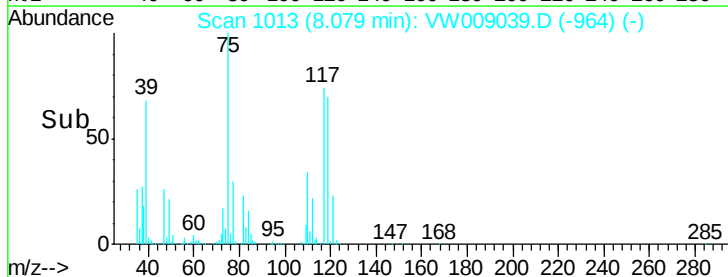
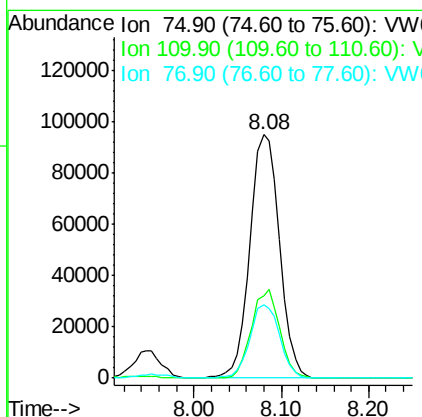
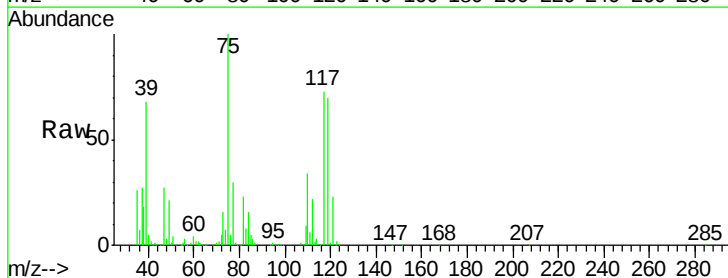
RT: 8.08 min Scan# 1013

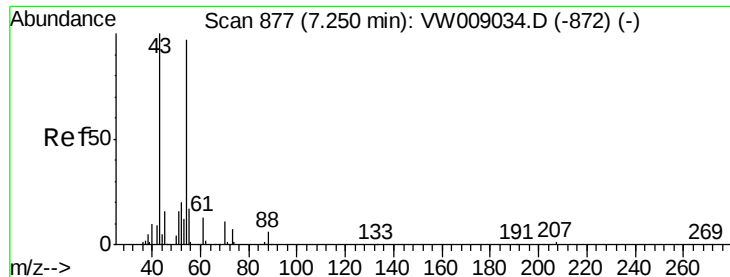
Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	75	Resp:	223706
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.6	52.9
77	30.5	25.1	37.7





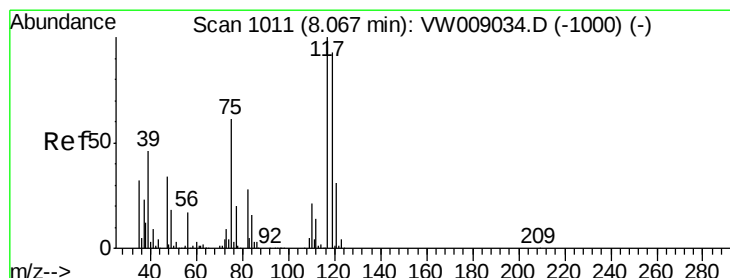
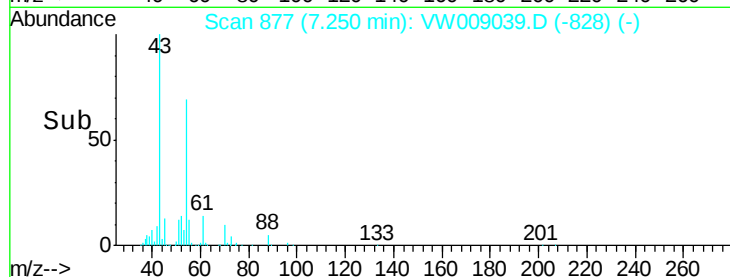
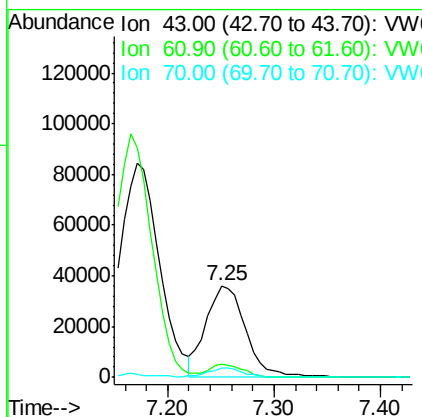
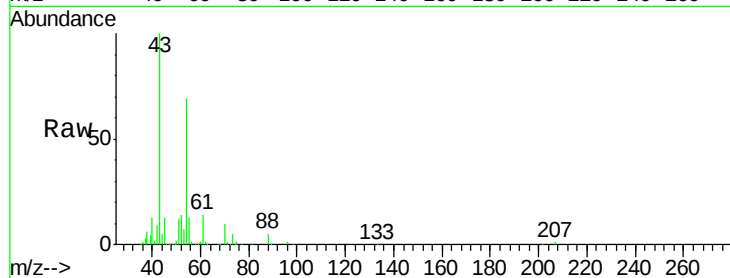
#37
Ethyl Acetate
Concen: 43.544 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.8	14.6
70	9.7	7.2	10.8

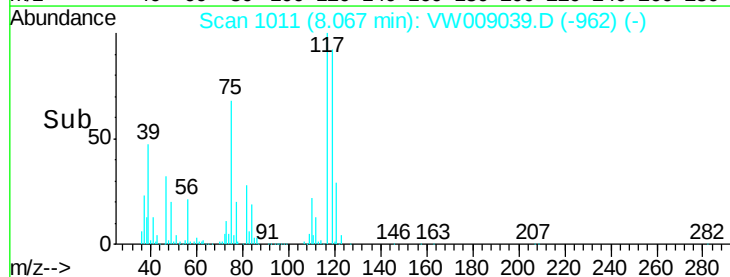
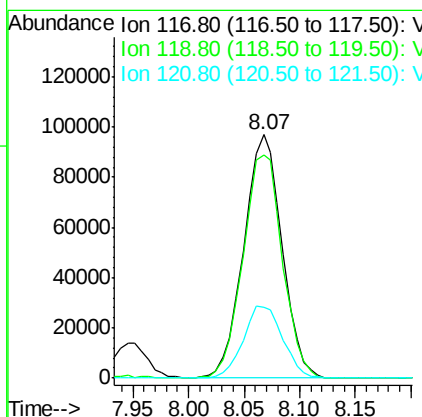
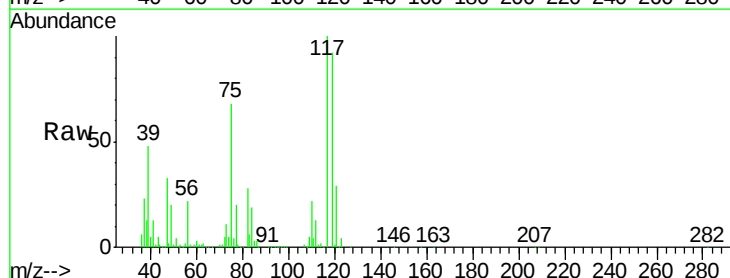
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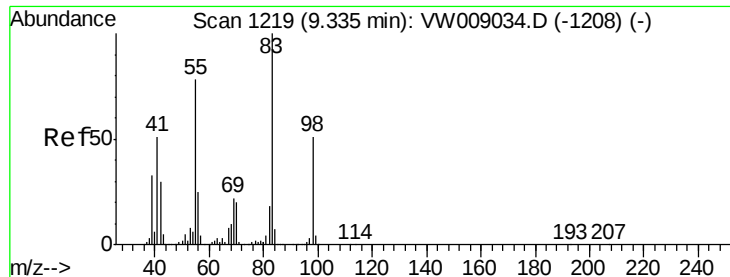
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#38
Carbon Tetrachloride
Concen: 50.209 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	74.6	112.0
121	29.0	24.7	37.1





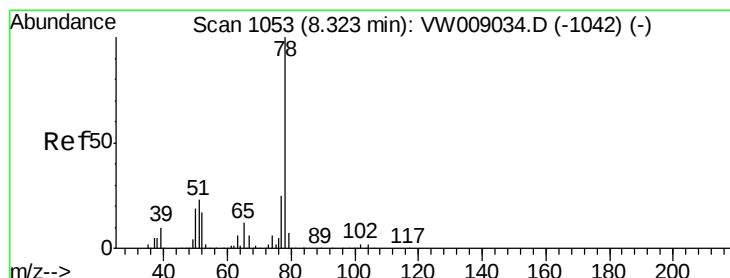
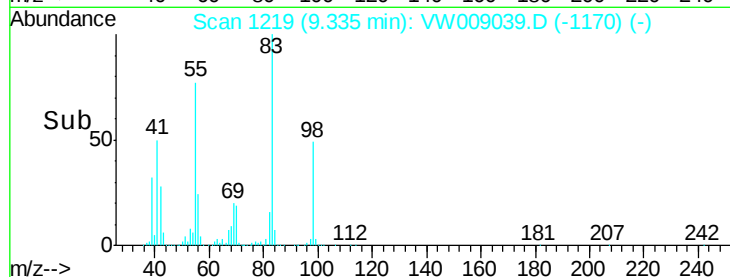
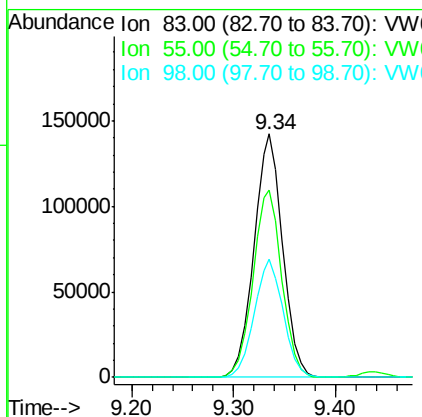
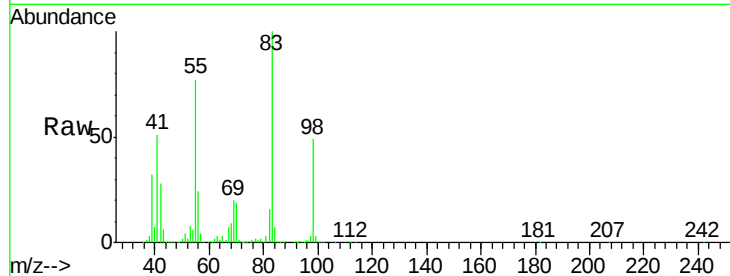
#39
Methylvlcyclohexane
Concen: 52.198 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.7	94.1
98	48.7	40.8	61.2

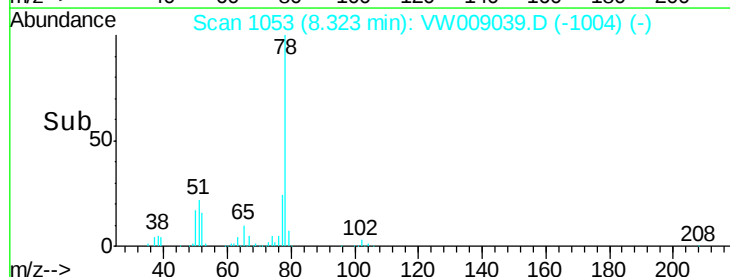
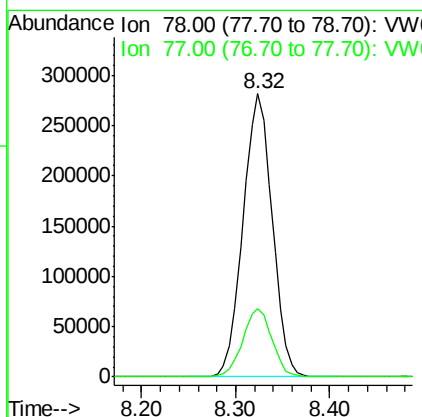
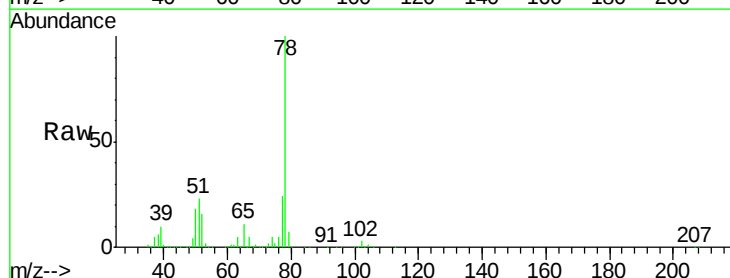
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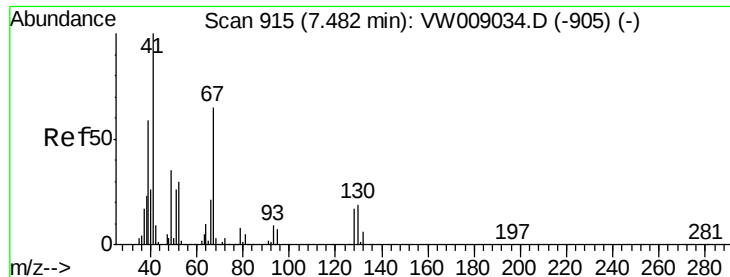
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#40
Benzene
Concen: 51.048 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.2	30.4





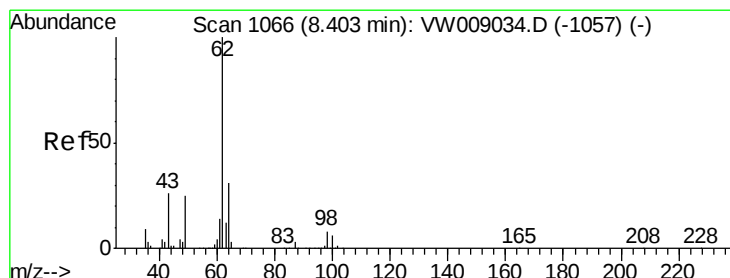
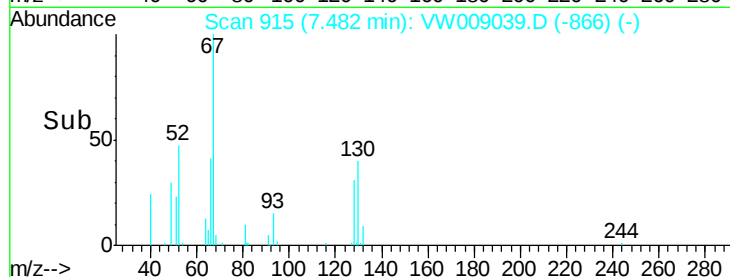
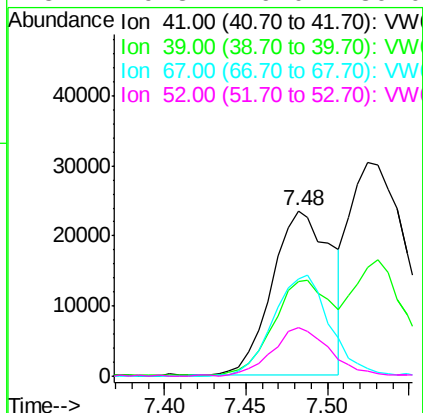
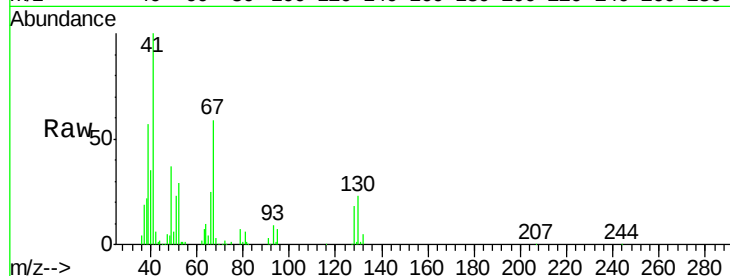
#41
Methacrylonitrile
Concen: 51.060 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.8	53.6	80.4
67	59.6	57.6	86.4
52	29.3	26.0	39.0

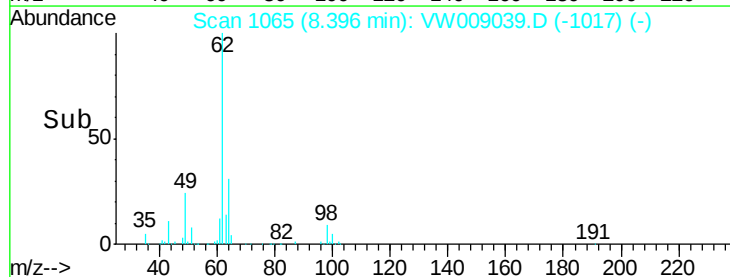
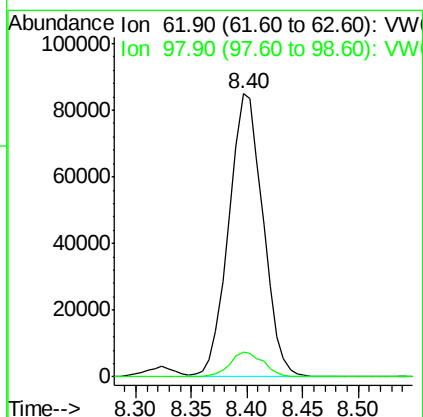
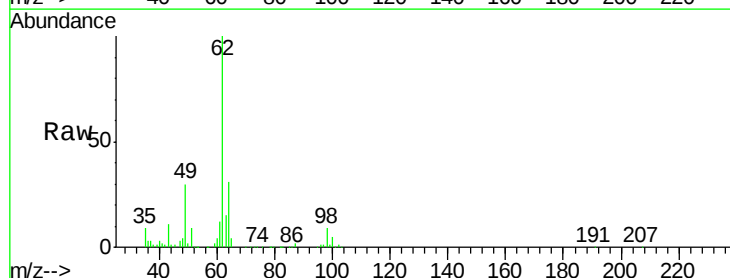
Manual Integrations
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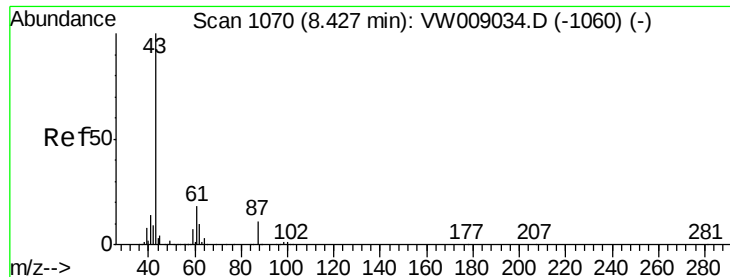
MMDadoda
3/8/2019 12:06:35 PM



#42
1,2-Dichloroethane
Concen: 47.117 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 47.340 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

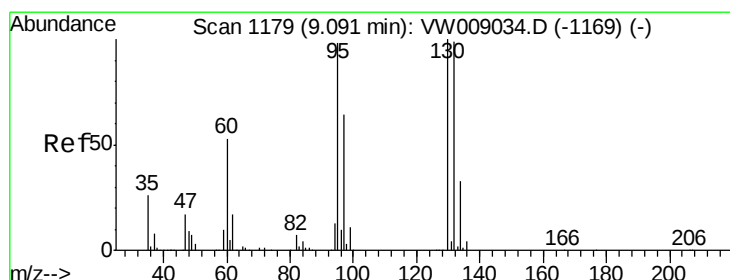
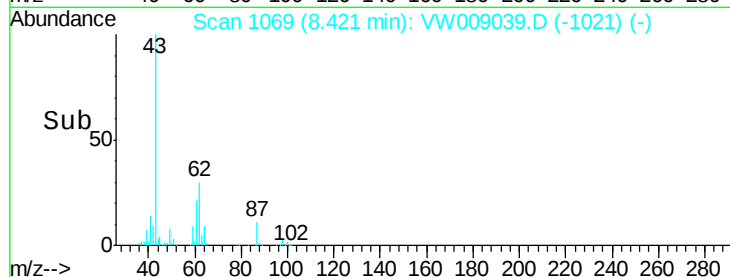
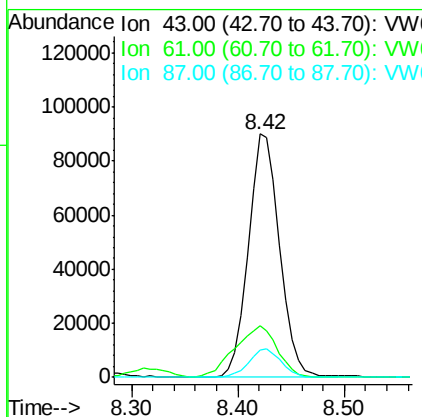
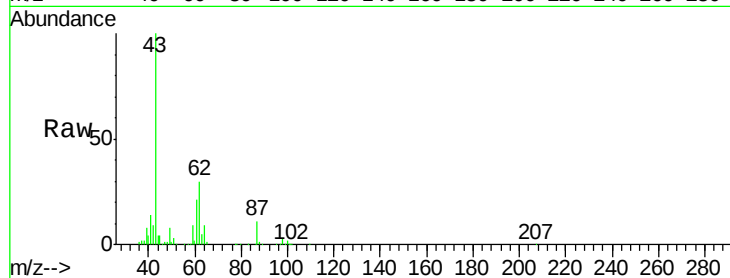
ClientSampleId :

ICVW030719

Tot Ion:	43	Resp:	184681
Ion	Ratio	Lower	Upper
43	100		
61	28.7	22.8	34.2
87	11.9	9.4	14.2

Manual Integrations
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#44

Trichloroethene

Concen: 48.767 ug/l

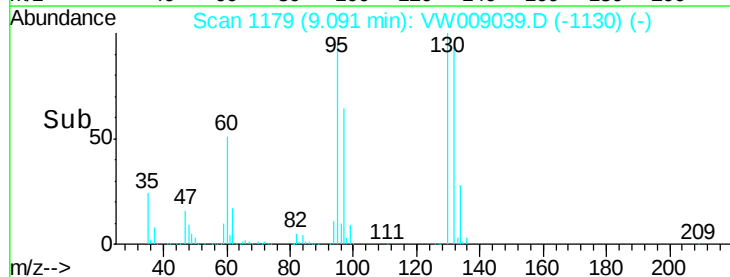
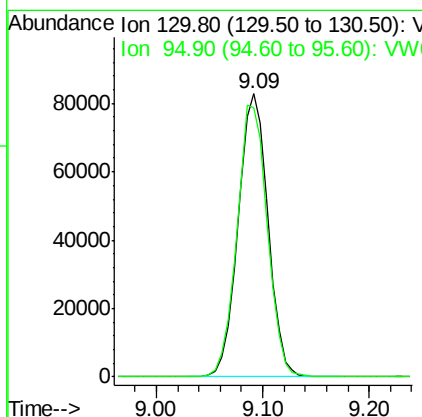
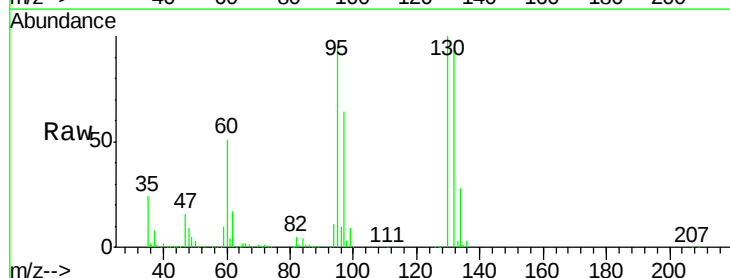
RT: 9.09 min Scan# 1179

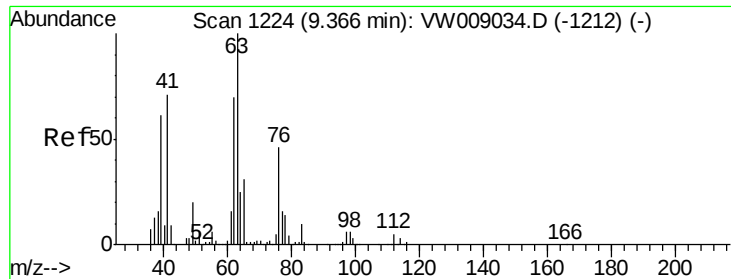
Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	130	Resp:	162707
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	197.0





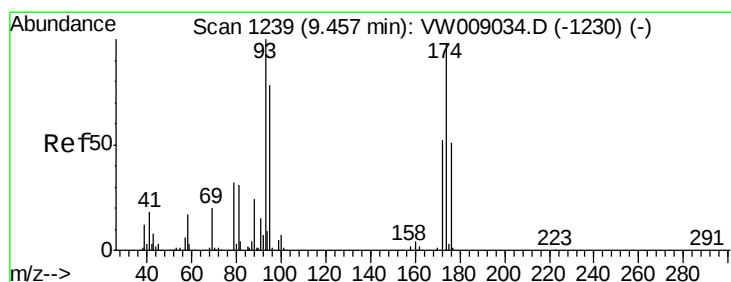
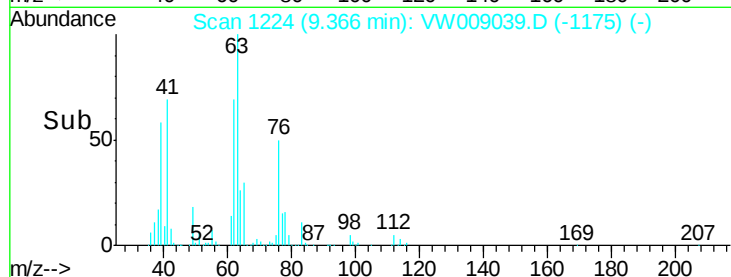
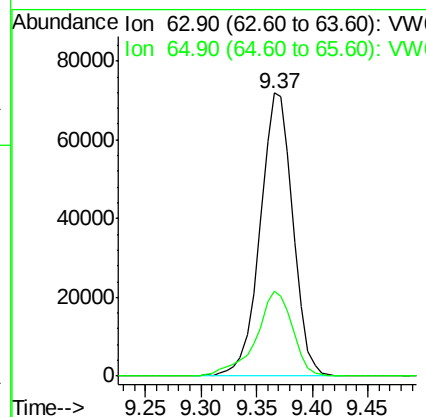
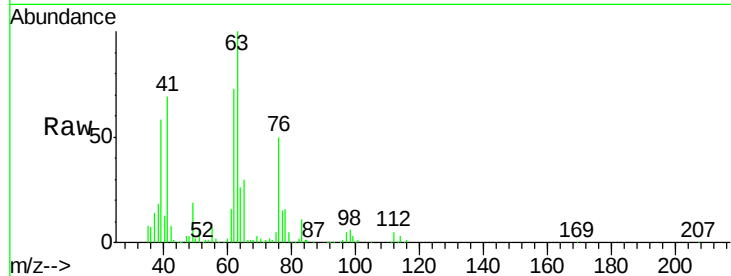
#45
 1,2-Dichloropropane
 Concen: 49.272 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.9	37.3

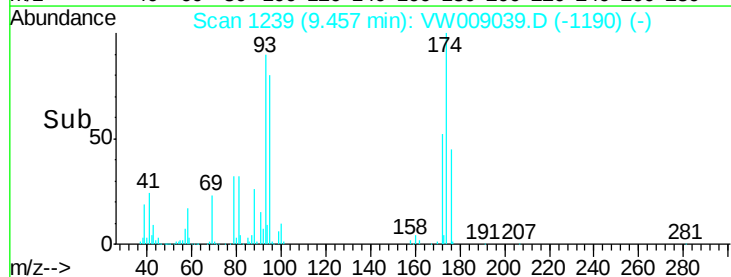
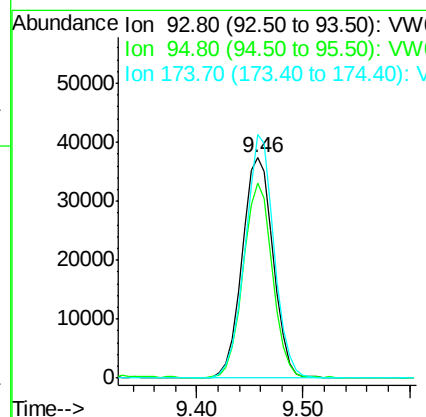
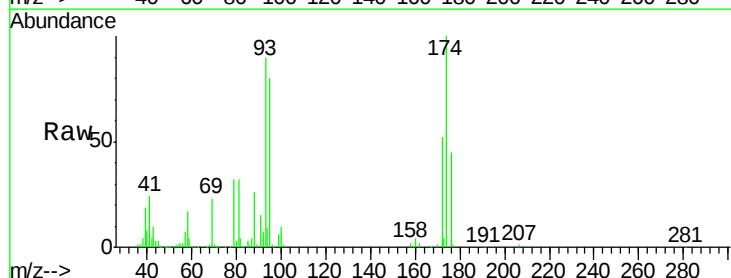
Manual Integrations
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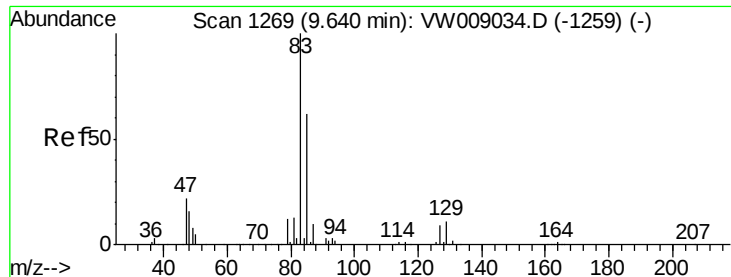
MMDadoda
 3/8/2019 12:06:35 PM



#46
 Dibromomethane
 Concen: 46.911 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.0	97.6
174	103.3	81.8	122.6





#47

Bromodichloromethane

Concen: 47.740 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

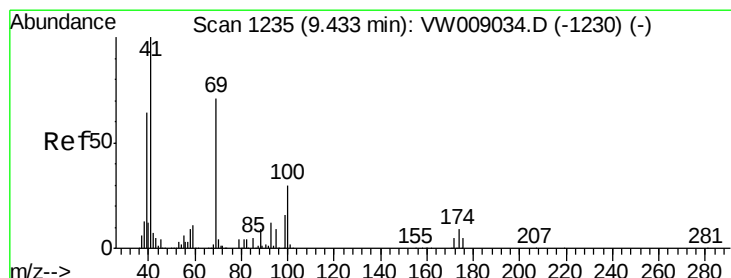
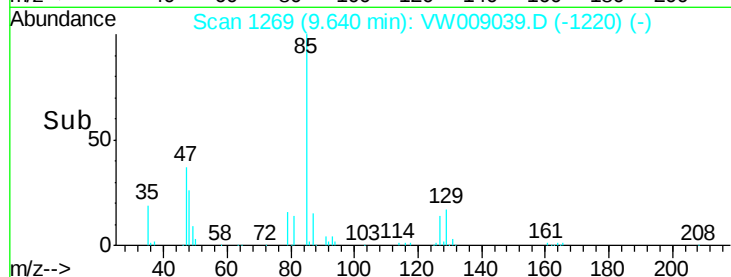
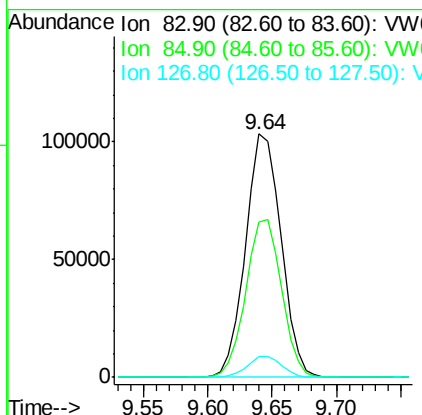
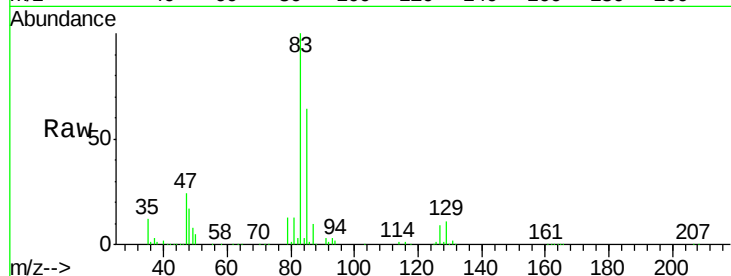
ClientSampled :

ICVW030719

Tot Ion	83	Resp	196776
Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.9	74.9
127	8.8	7.1	10.7

Manual Integrations
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3/8/2019 12:06:35 PM



#48

Methyl methacrylate

Concen: 48.144 ug/l

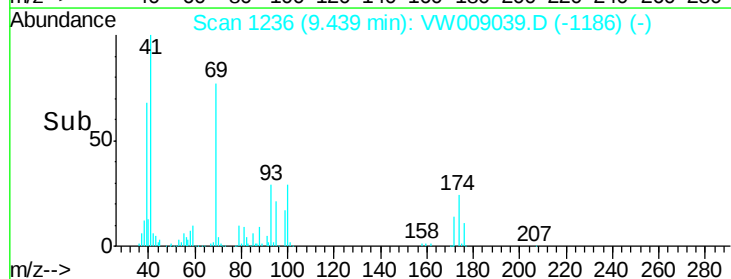
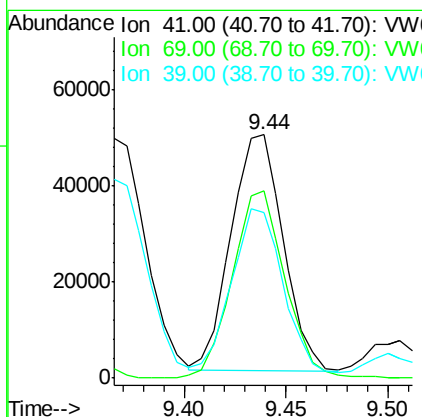
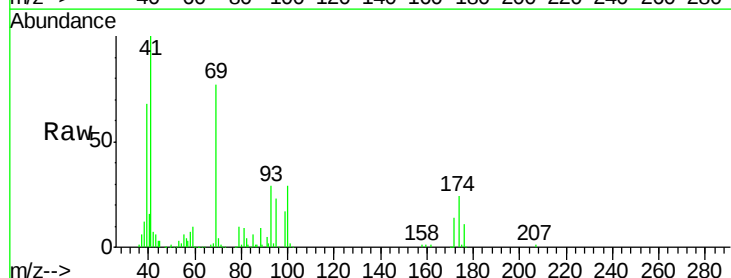
RT: 9.44 min Scan# 1236

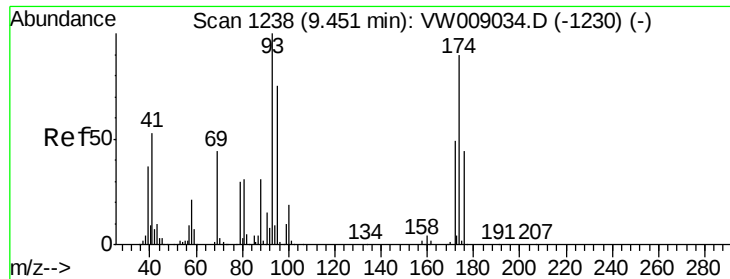
Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion	41	Resp	87454
Ion	Ratio	Lower	Upper
41	100		
69	80.1	59.1	88.7
39	67.7	48.9	73.3





#49

1,4-Dioxane

Concen: 937.957 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

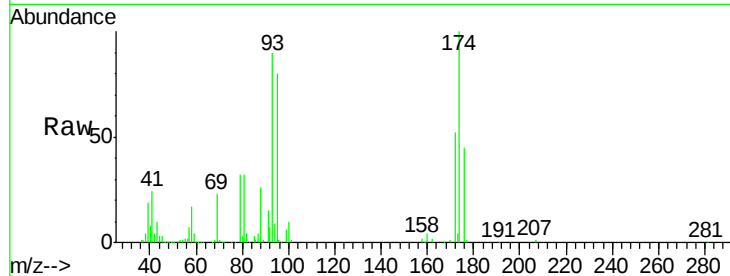
ClientSampleId :

ICVW030719

Tot Ion	88	Resp	21870
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	72.9	59.2	88.8

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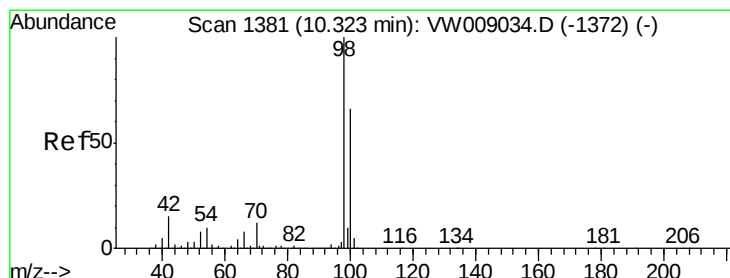
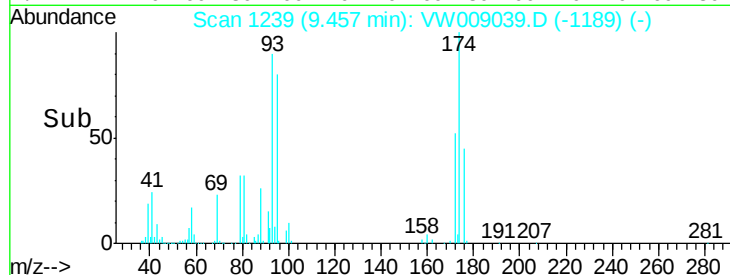
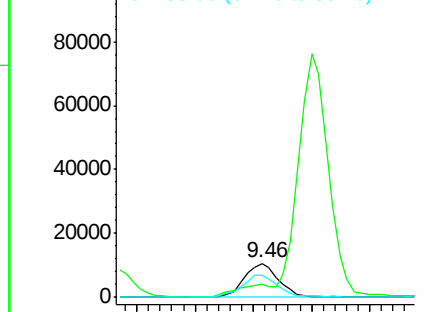


Abundance

Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 55.470 ug/l

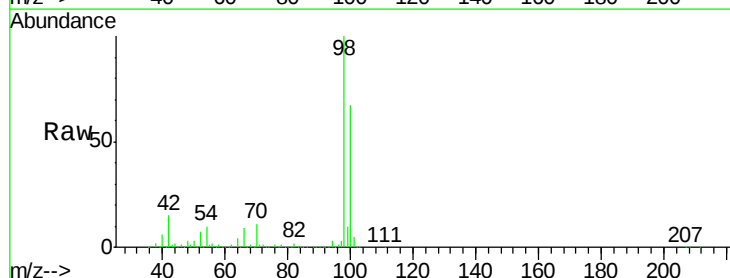
RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

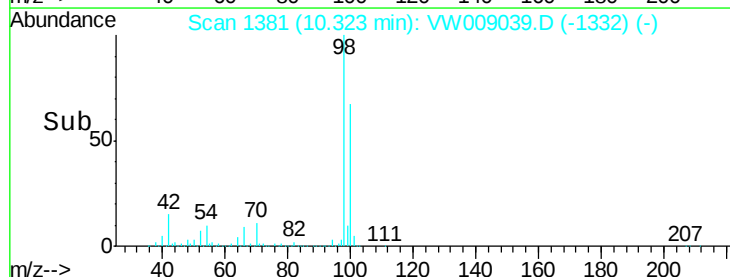
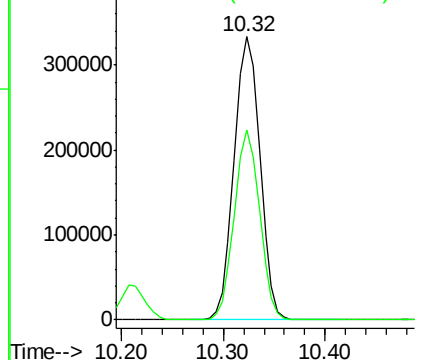
Tgt Ion	98	Resp	585000
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

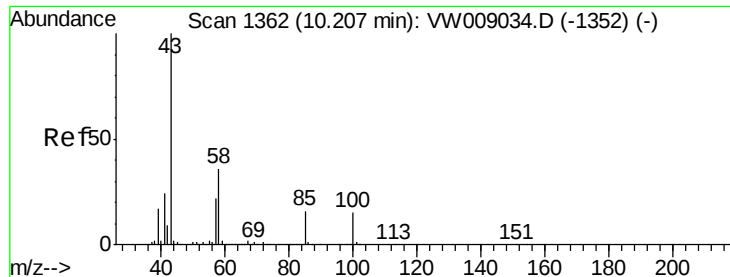


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 244.589 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 43 Resp: 484407

Ion Ratio Lower Upper

43 100

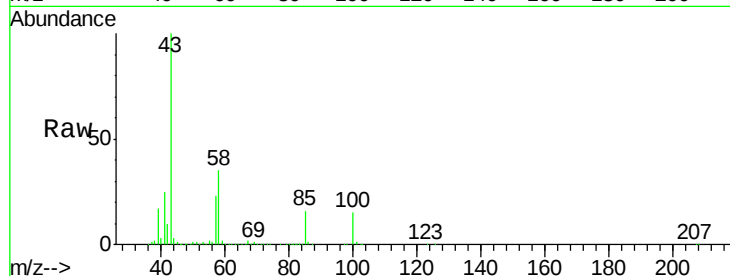
58 35.8 28.8 43.2

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3/8/2019 12:06:35 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

250000

200000

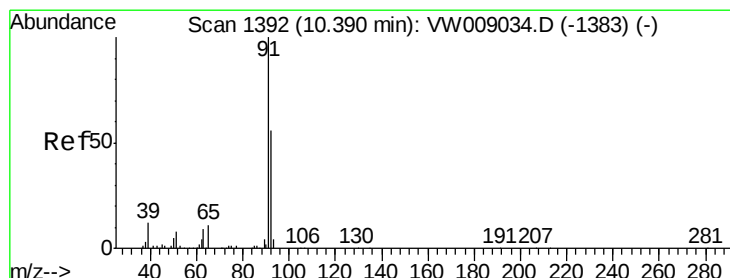
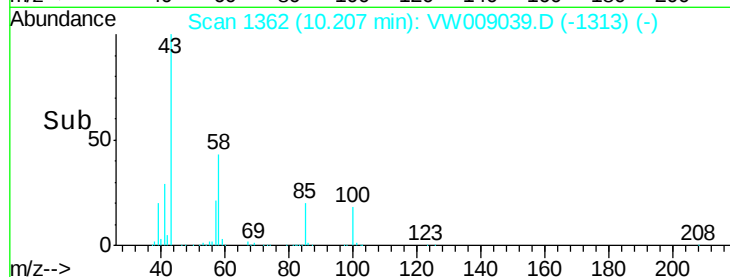
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 52.197 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW009039.D

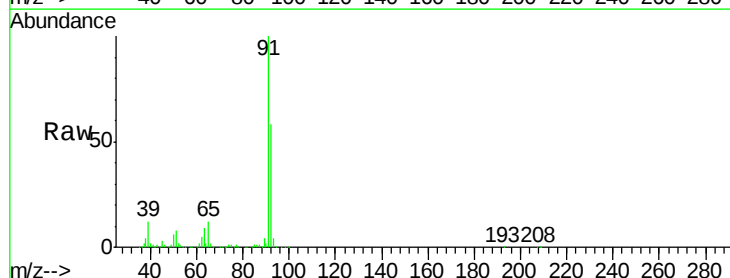
Acq: 07 Mar 2019 14:46

Tgt Ion: 92 Resp: 421398

Ion Ratio Lower Upper

92 100

91 172.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

400000

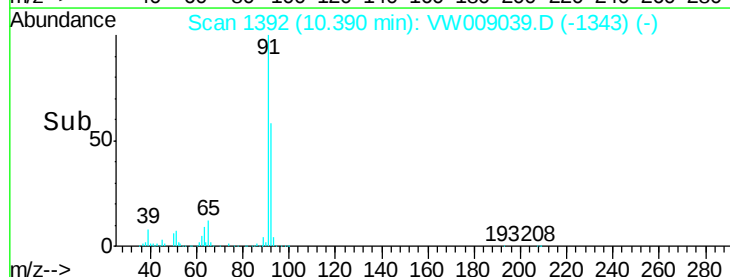
300000

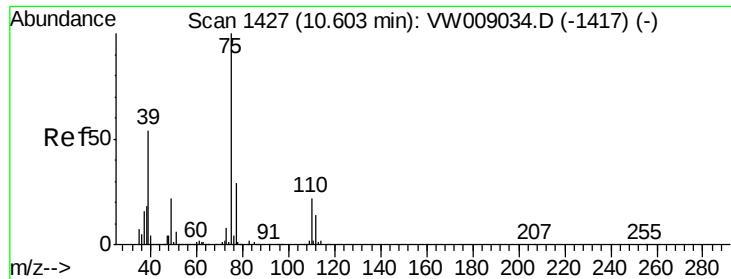
200000

100000

0

Time-->





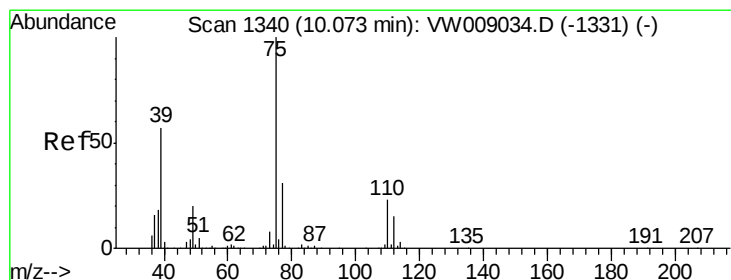
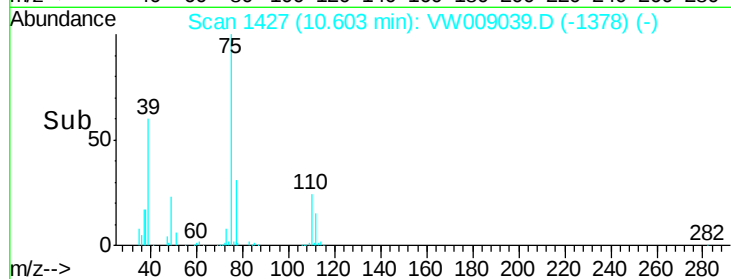
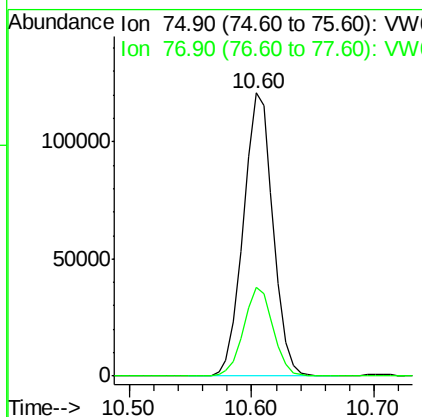
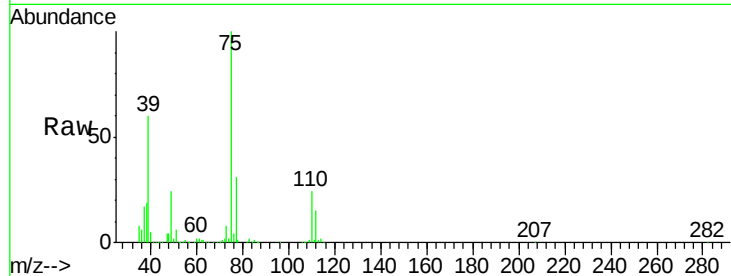
#53
t-1,3-Dichloropropene
Concen: 49.799 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampled :
ICVW030719

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.6	35.4

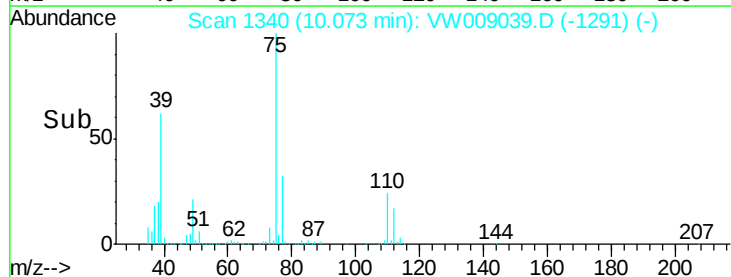
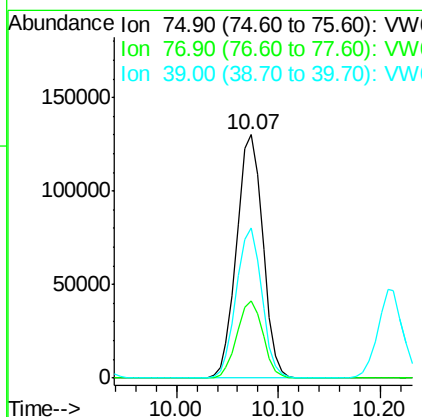
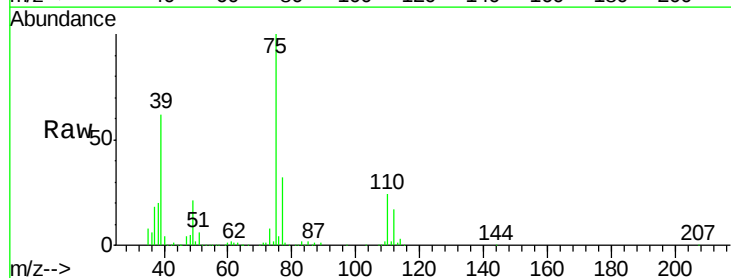
Manual Integrations
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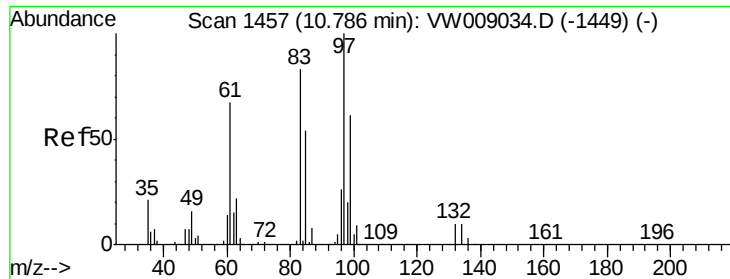
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.462 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	36.8
39	61.6	45.9	68.9





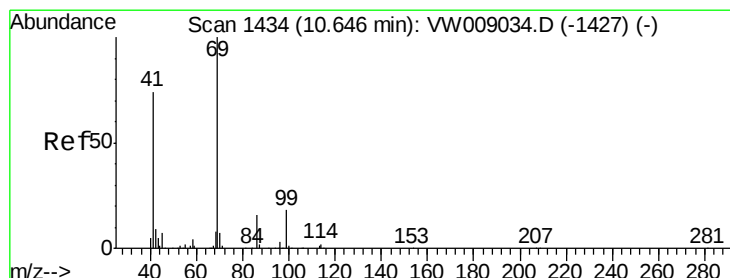
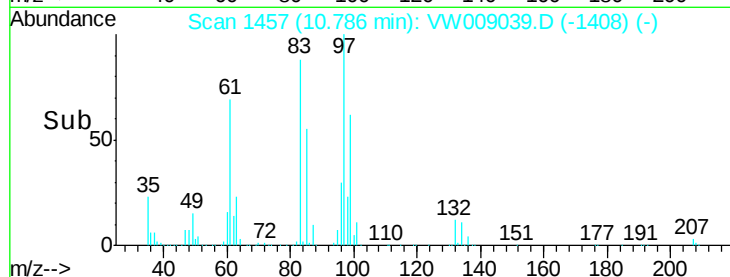
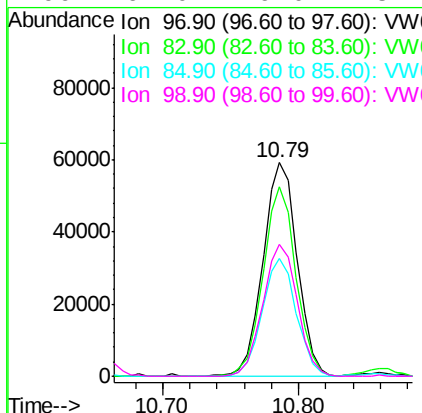
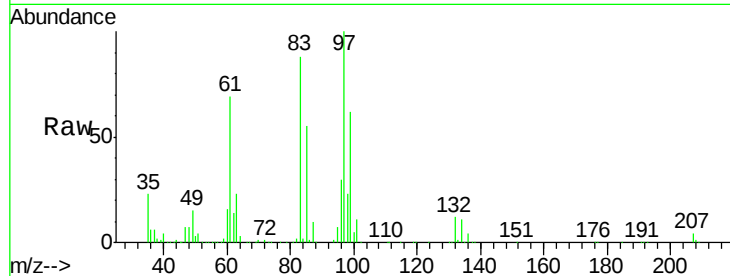
#55
 1,1,2-Trichloroethane
 Concen: 47.327 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW030719

Tot Ion:	97	Resp:	104449
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.2	99.2
85	55.4	43.6	65.4
99	62.0	49.0	73.4

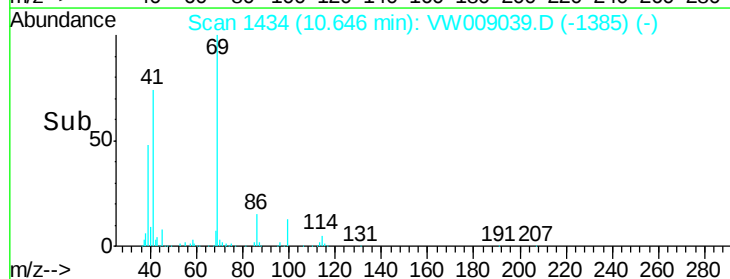
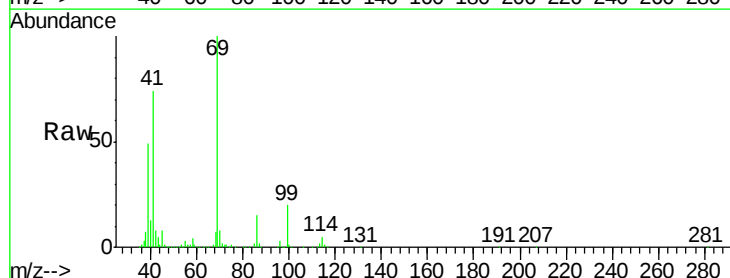
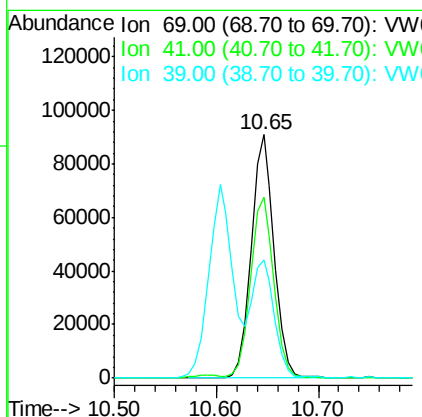
Manual Integrations
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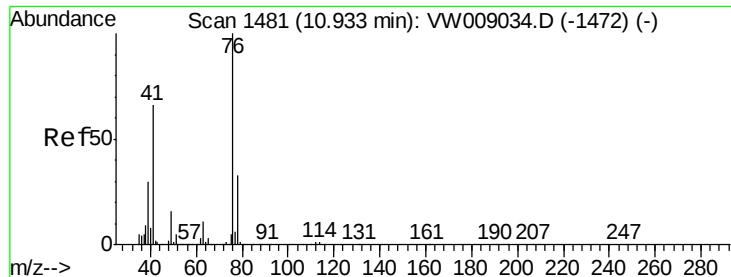
MMDadoda
 3/8/2019 12:06:35 PM



#56
 Ethyl methacrylate
 Concen: 51.803 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion:	69	Resp:	141889
Ion	Ratio	Lower	Upper
69	100		
41	75.5	59.4	89.2
39	47.2	38.5	57.7





#57

1,3-Dichloropropane

Concen: 47.912 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 76 Resp: 187317

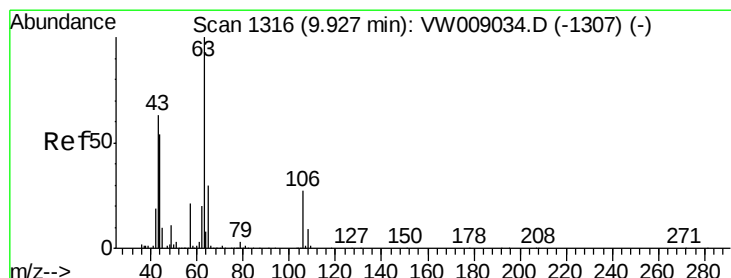
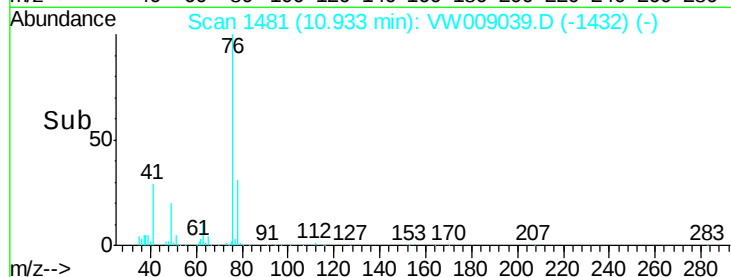
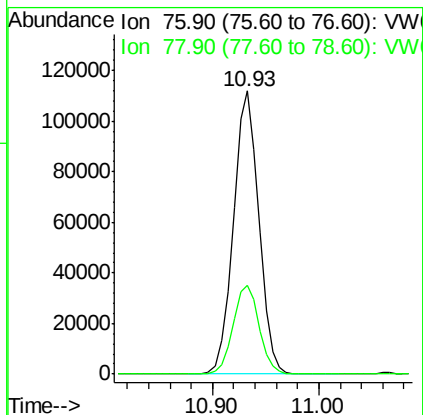
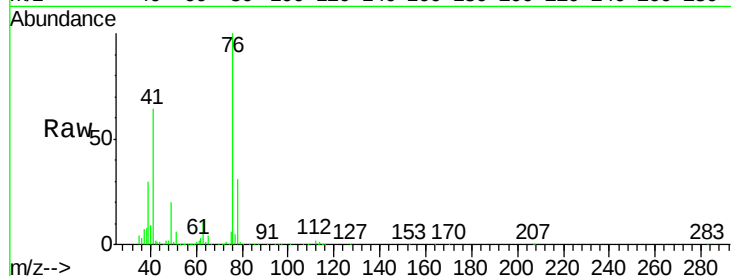
Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5

Manual Integrations
APPROVED

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#58

2-Chloroethyl Vinyl ether

Concen: 236.988 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW009039.D

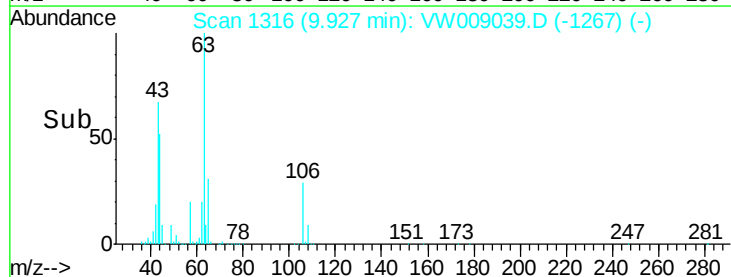
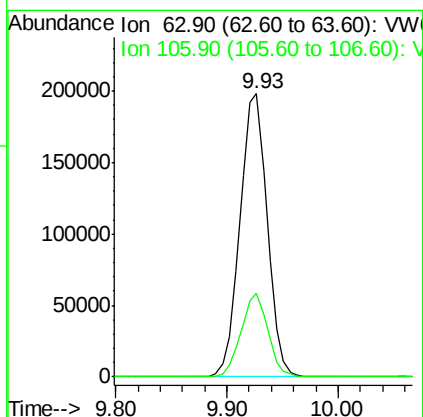
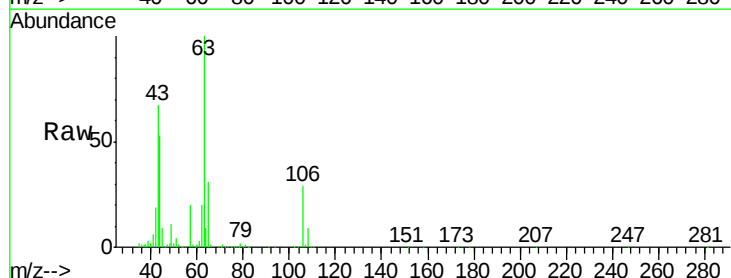
Acq: 07 Mar 2019 14:46

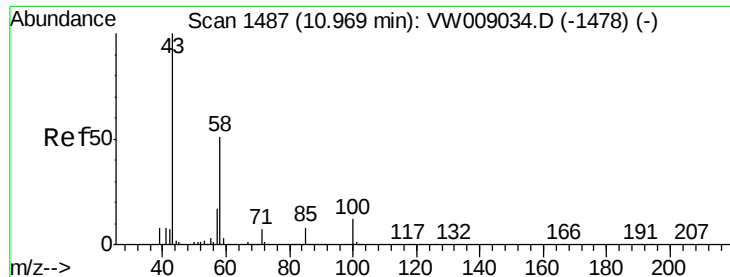
Tgt Ion: 63 Resp: 336504

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6





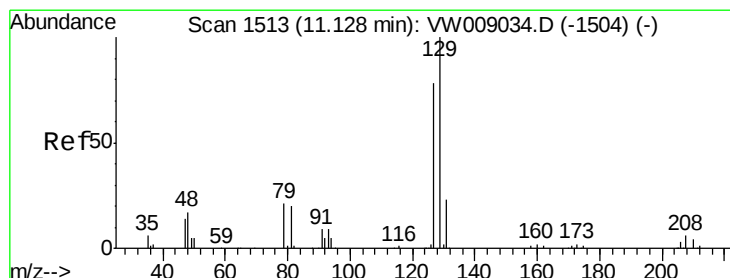
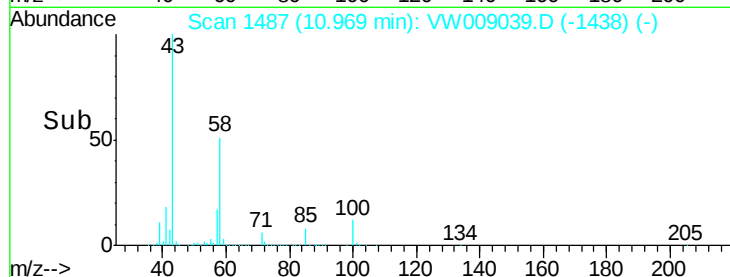
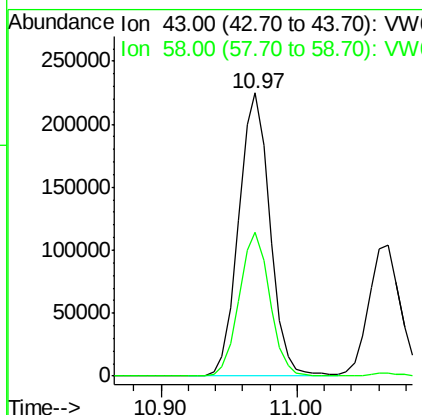
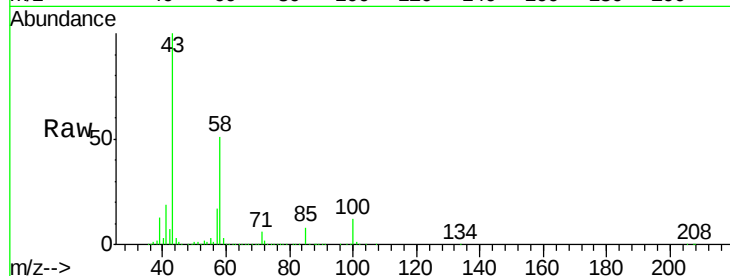
#59
2-Hexanone
Concen: 258.814 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion: 43 Resp: 360387
Ion Ratio Lower Upper
43 100
58 49.9 25.3 75.9

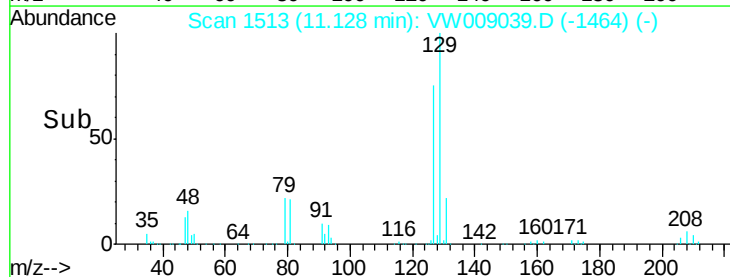
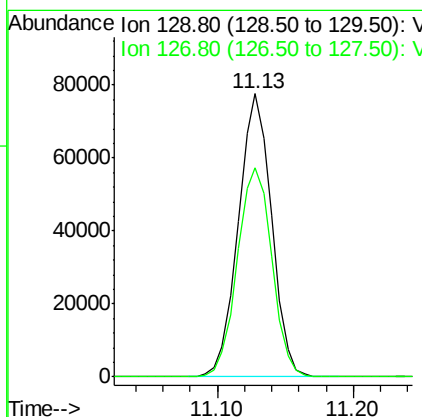
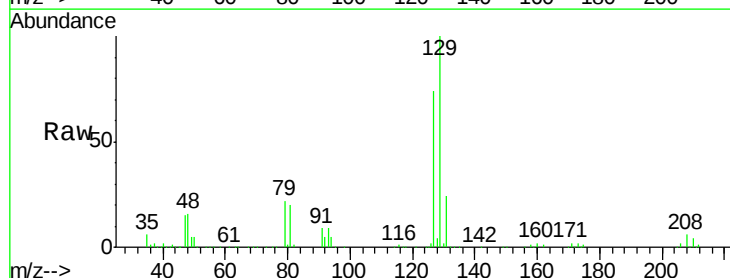
Manual Integrations
APPROVED

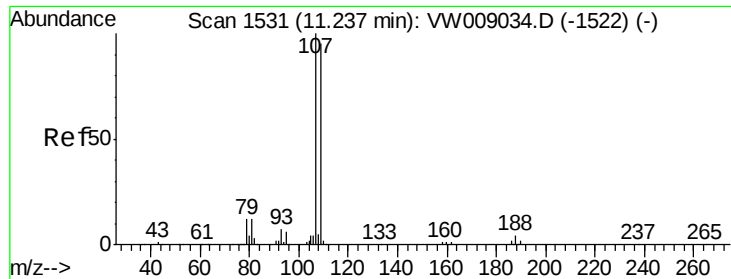
MMDadoda
3/8/2019 12:06:35 PM



#60
Dibromochloromethane
Concen: 48.465 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 129 Resp: 132366
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





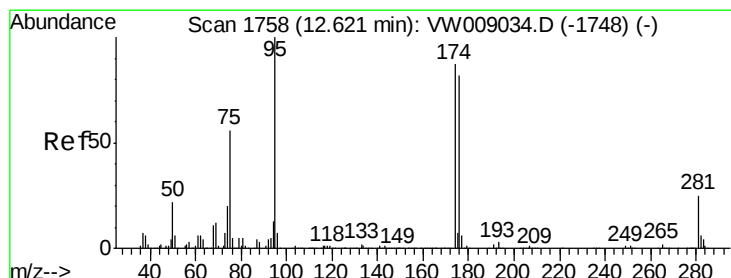
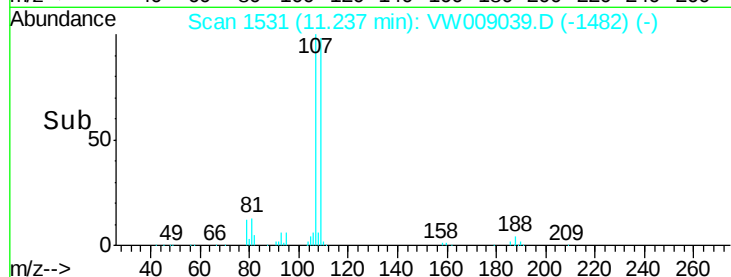
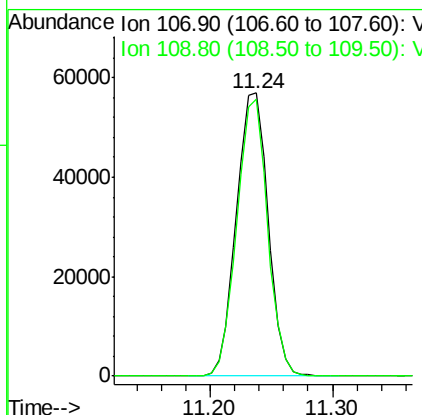
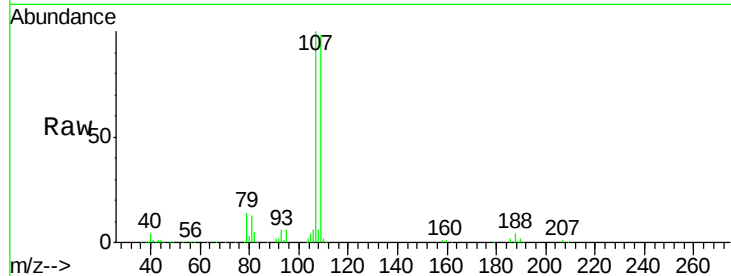
#61
 1,2-Dibromoethane
 Concen: 47.508 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW030719

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.7	112.1

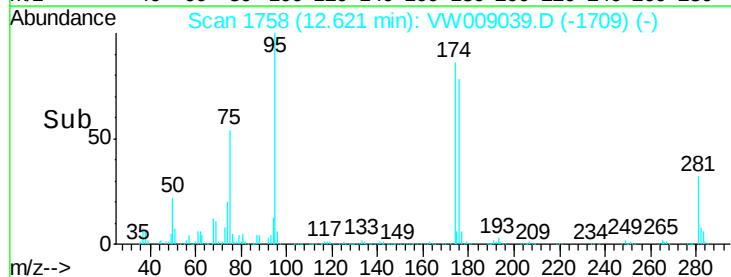
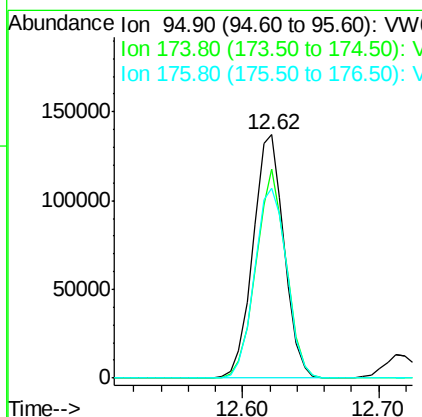
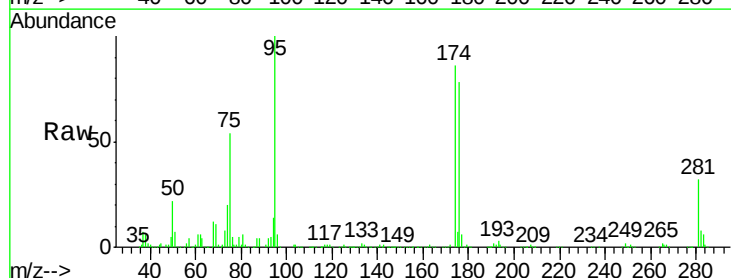
Manual Integrations
 APPROVED

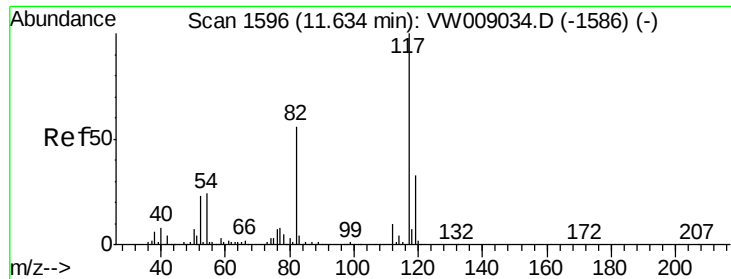
MMDadoda
 3/8/2019 12:06:35 PM



#62
 4-Bromofluorobenzene
 Concen: 52.916 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	167.0
176	81.5	0.0	159.4





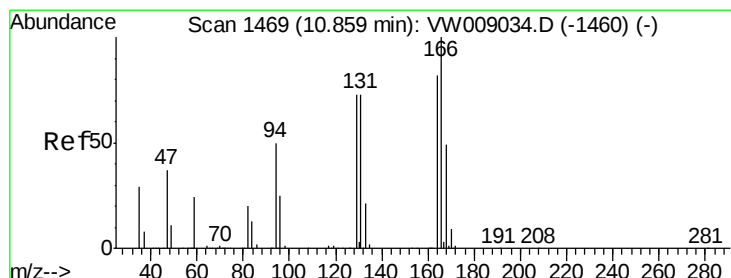
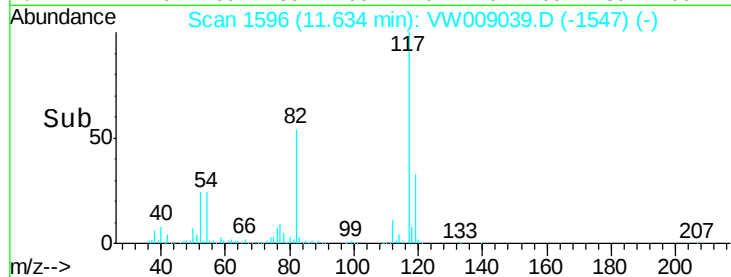
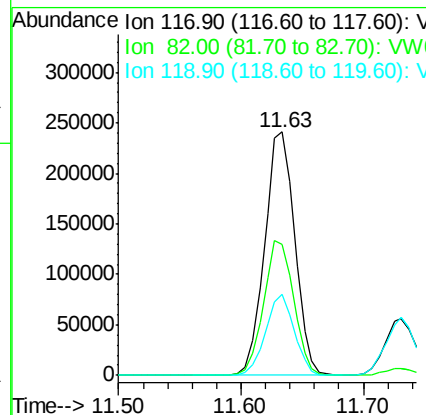
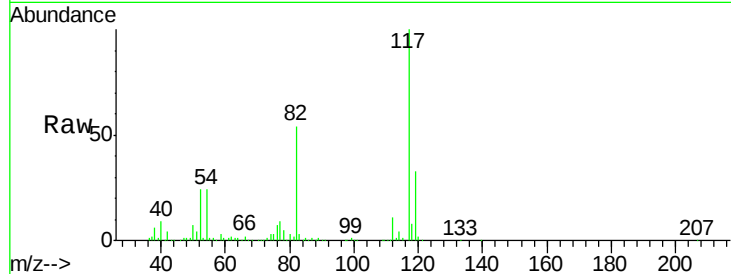
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413097		
82	54.0	45.0	67.6	
119	33.3	26.6	39.8	

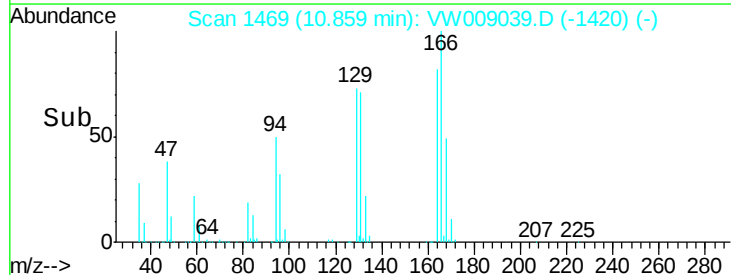
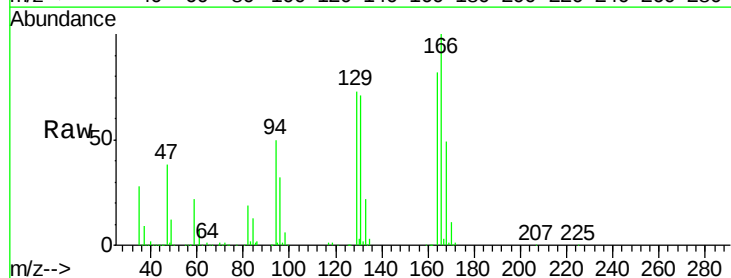
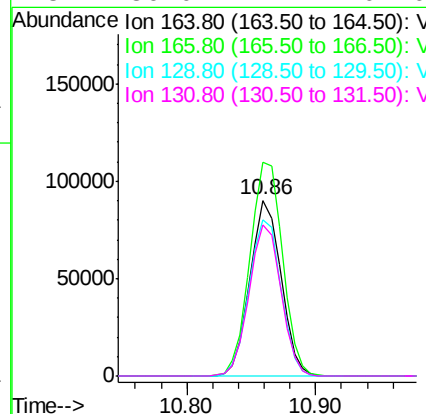
Manual Integrations
APPROVED

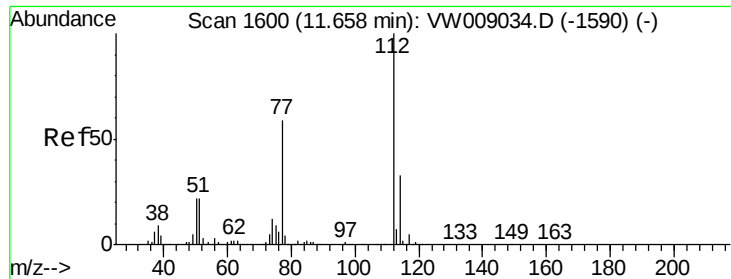
MMDadoda
3/8/2019 12:06:35 PM



#64
Tetrachloroethene
Concen: 50.327 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	149928		
166	121.3	97.8	146.6	
129	88.6	71.6	107.4	
131	86.0	71.4	107.0	





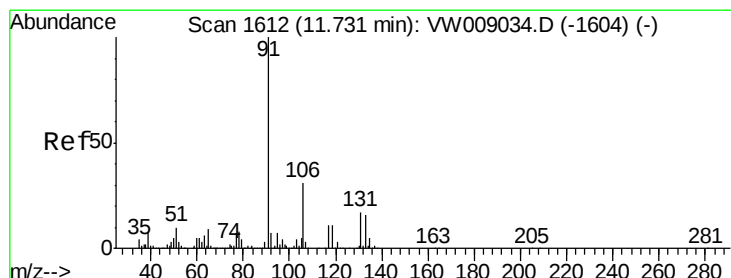
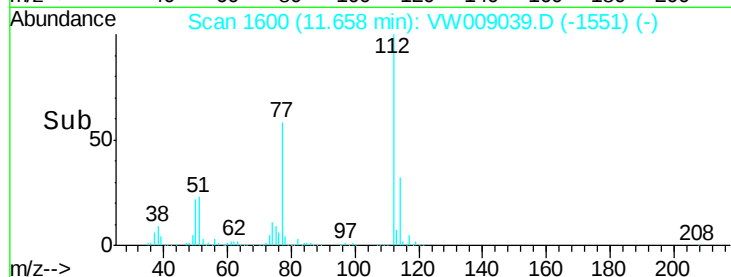
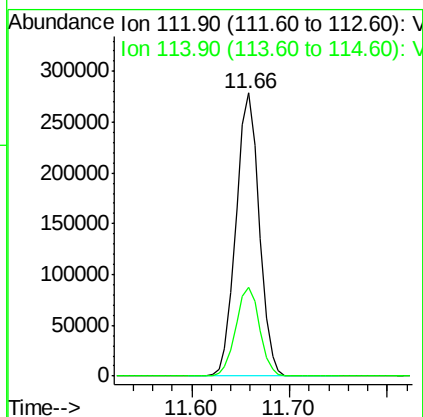
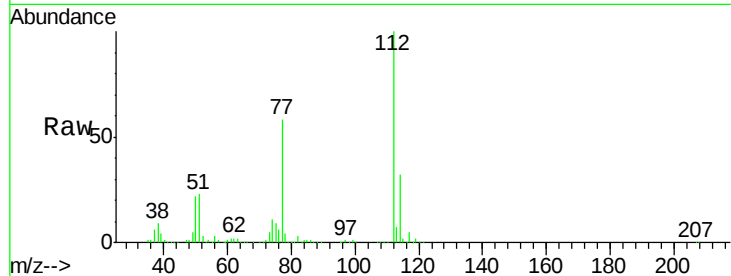
#65
Chlorobenzene
Concen: 51.198 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.6	40.0

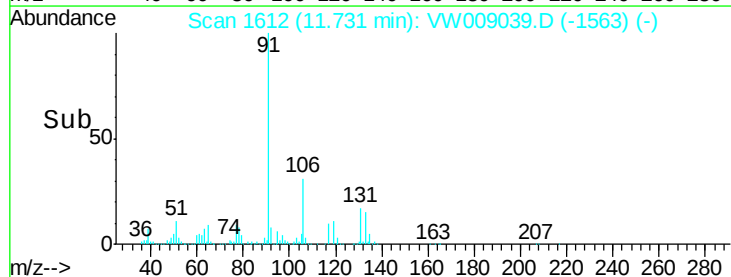
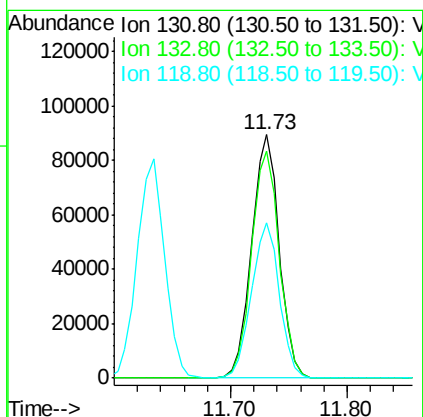
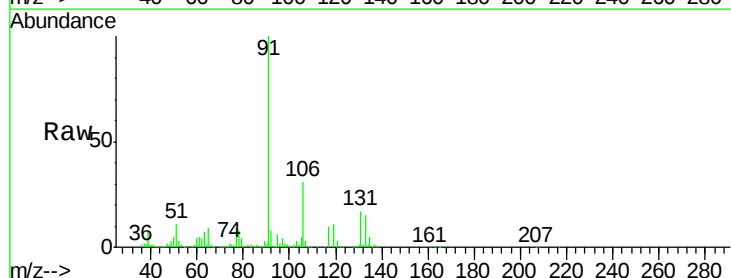
Manual Integrations
APPROVED

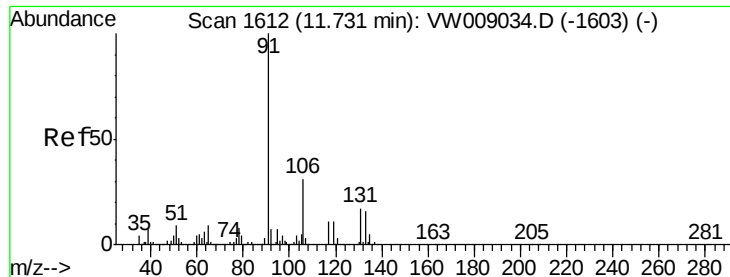
MMDadoda
3/8/2019 12:06:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.193 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.6	142.8
119	64.5	31.3	93.8





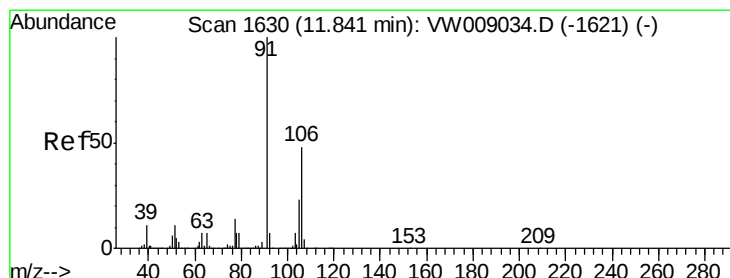
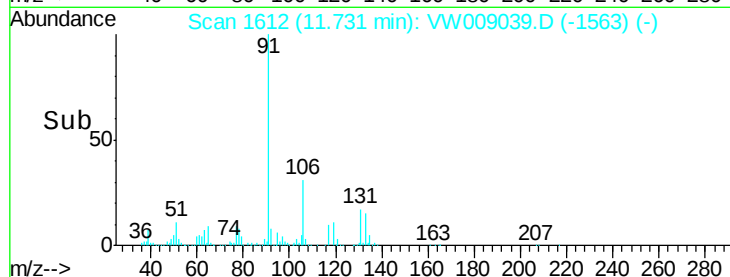
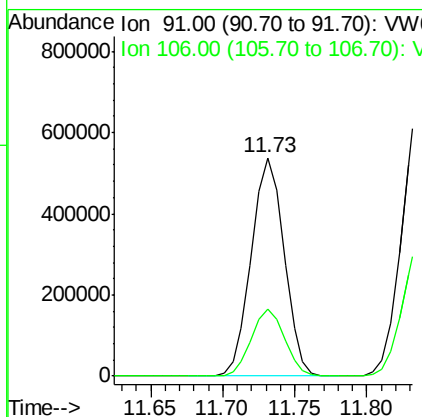
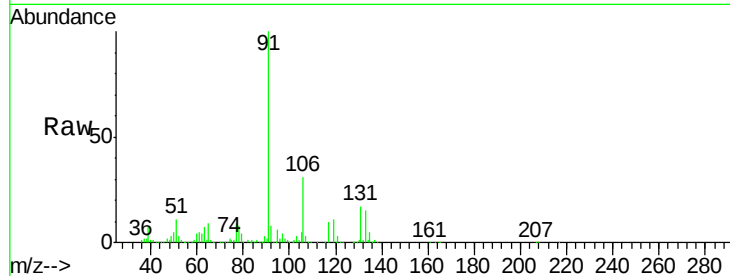
#67
Ethyl Benzene
Concen: 52.503 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion: 91 Resp: 852843
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

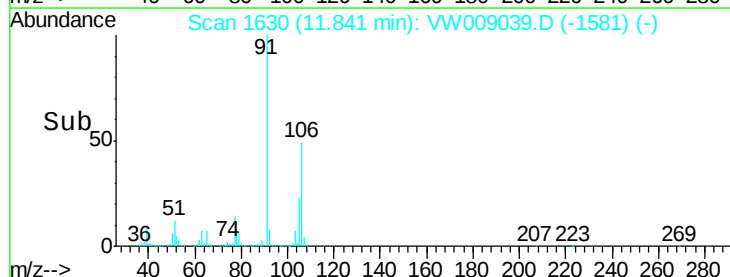
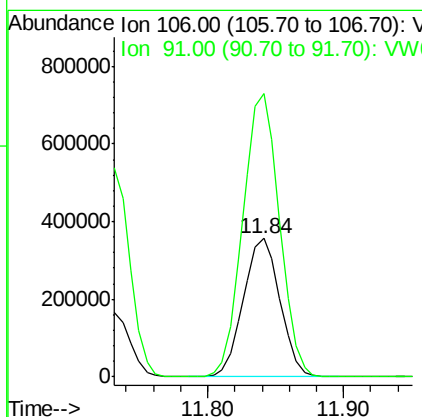
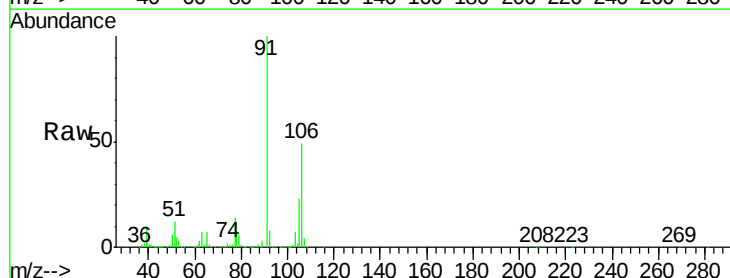
Manual Integrations
APPROVED

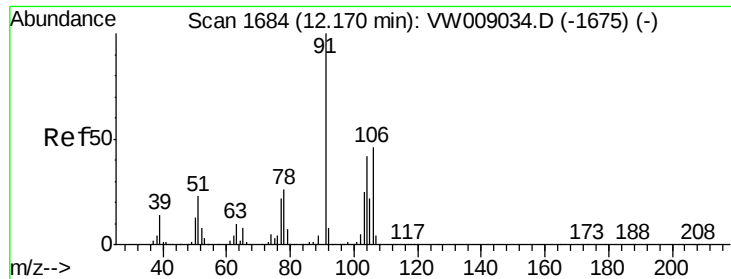
MMDadoda
3/8/2019 12:06:35 PM



#68
m/p-Xylenes
Concen: 104.742 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion: 106 Resp: 671569
Ion Ratio Lower Upper
106 100
91 204.9 163.2 244.8





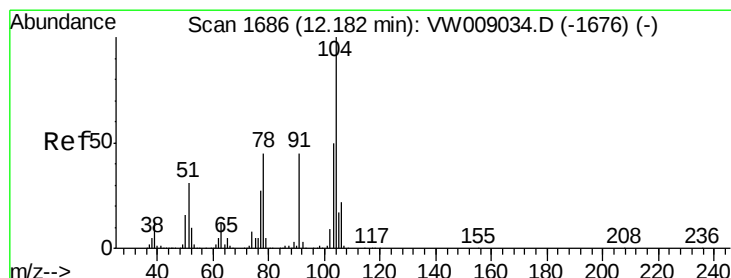
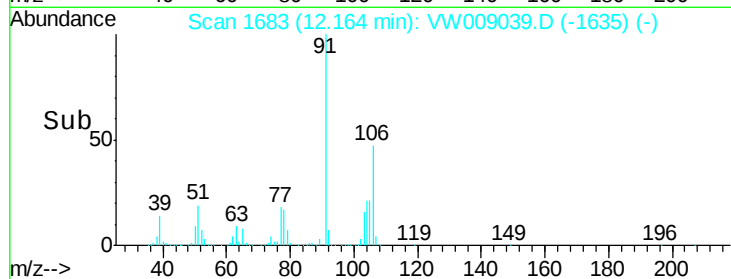
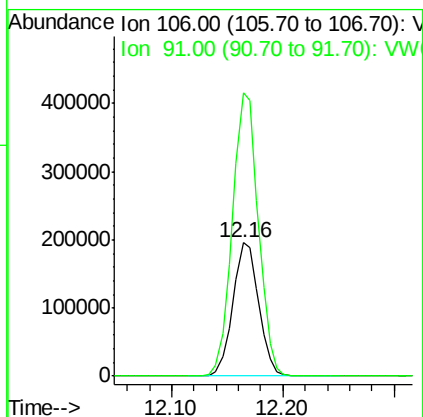
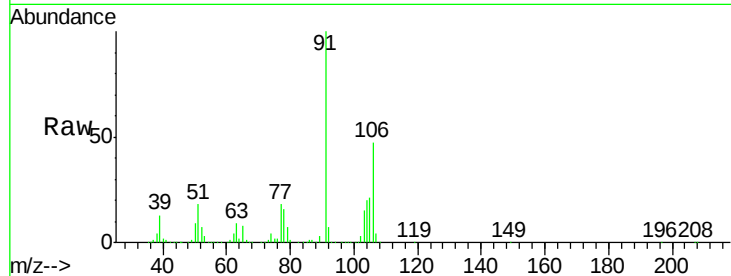
#69
o-Xylene
Concen: 52.353 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	108.6	325.6

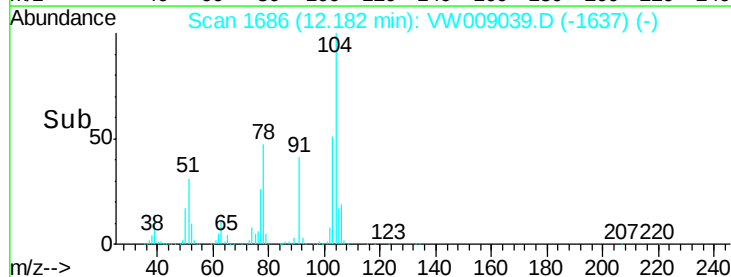
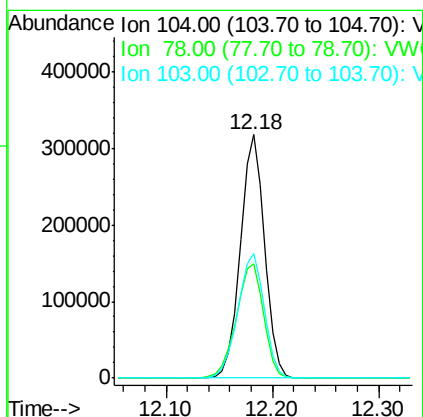
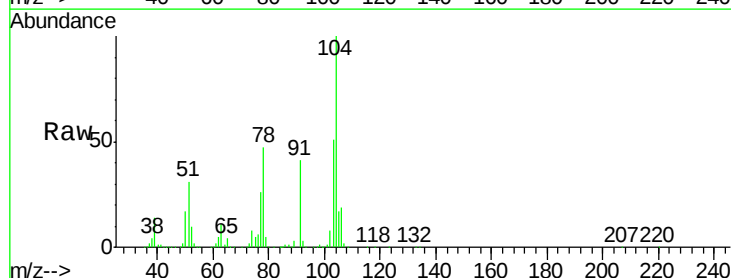
Manual Integrations
APPROVED

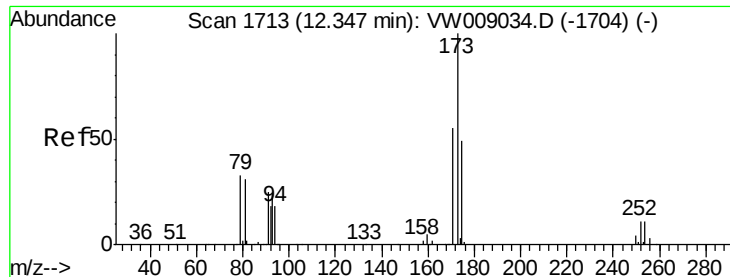
MMDadoda
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#70
Styrene
Concen: 52.536 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.1	63.1
103	56.1	43.9	65.9





#71

Bromoform

Concen: 49.793 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion:173 Resp: 80267

Ion Ratio Lower Upper

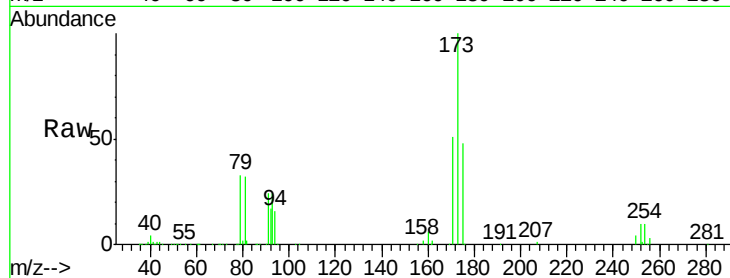
173 100

175 46.9 24.6 74.0

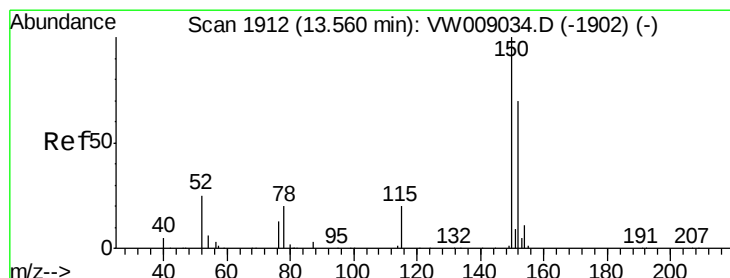
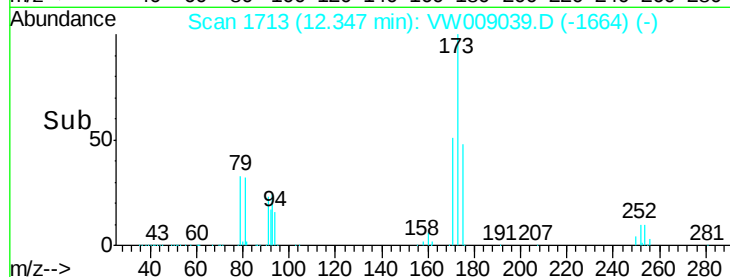
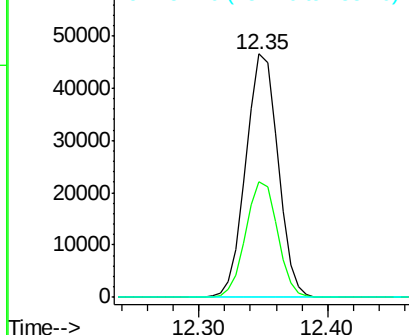
254 0.1 0.0 0.0#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

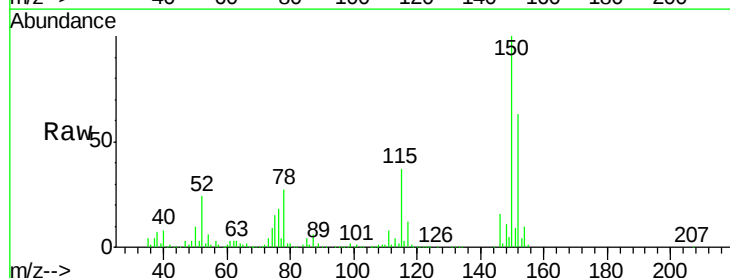
Tgt Ion:152 Resp: 229271

Ion Ratio Lower Upper

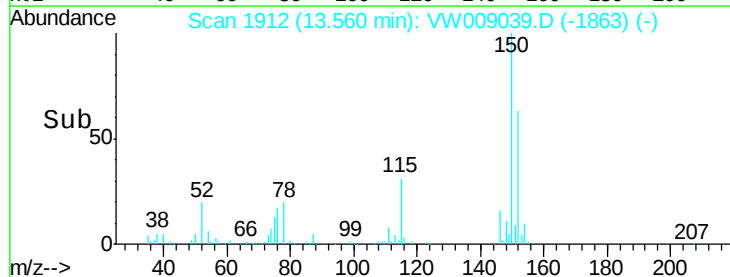
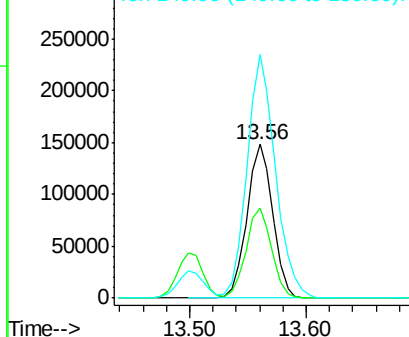
152 100

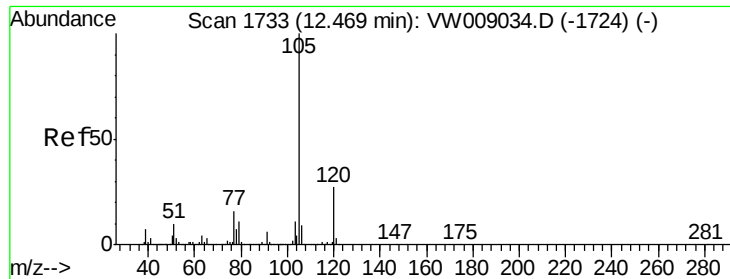
115 58.0 28.9 86.7

150 174.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 53.159 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 105 Resp: 872787

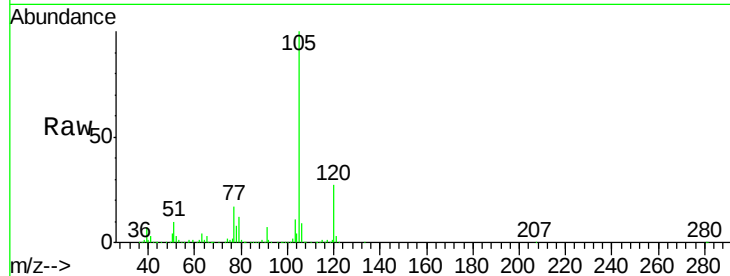
Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6

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

Ion 120.00 (119.70 to 120.70): V

12.46

600000

500000

400000

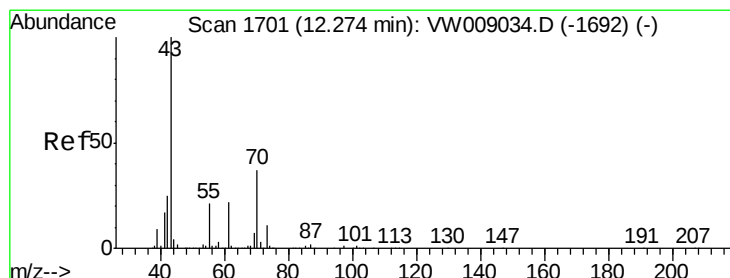
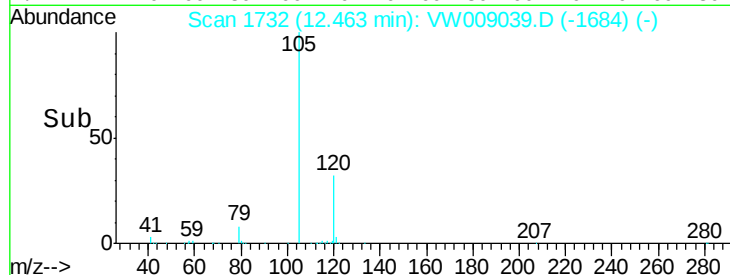
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.437 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion: 43 Resp: 203810

Ion Ratio Lower Upper

43 100

70 38.5 30.8 46.2

55 22.5 17.8 26.8

61 21.6 17.4 26.2

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

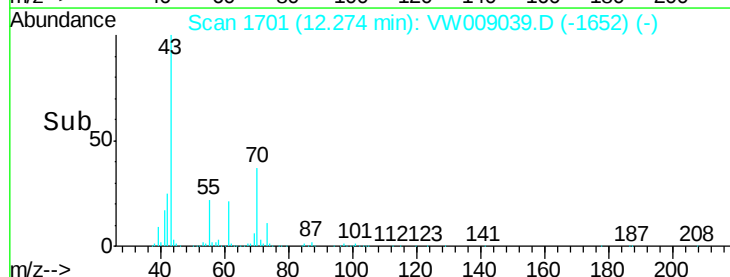
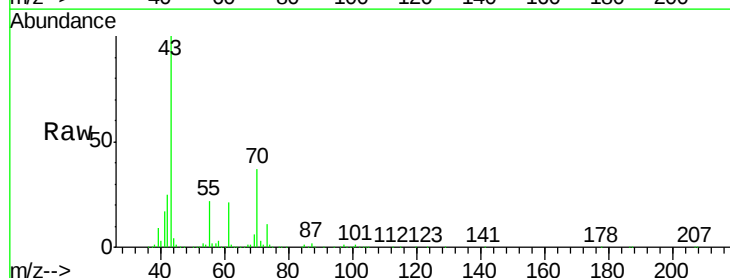
150000

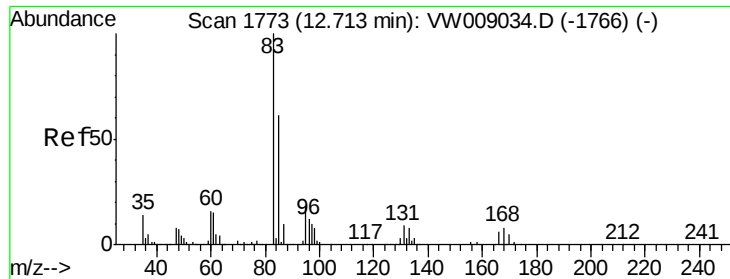
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.329 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

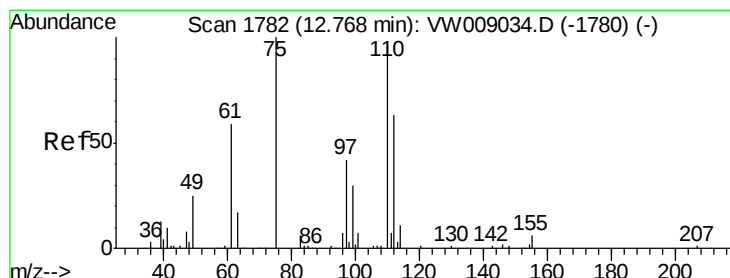
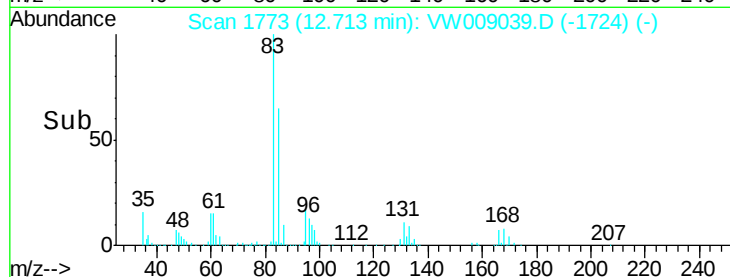
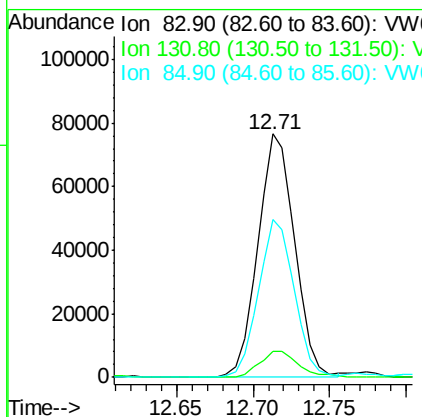
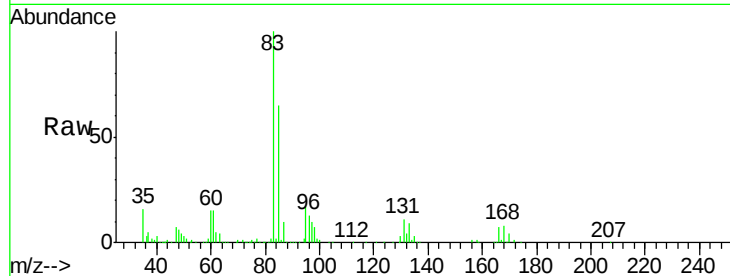
ClientSampleId :

ICVW030719

Tot Ion:	83	Resp:	127756
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.7
85	63.4	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 49.973 ug/l m

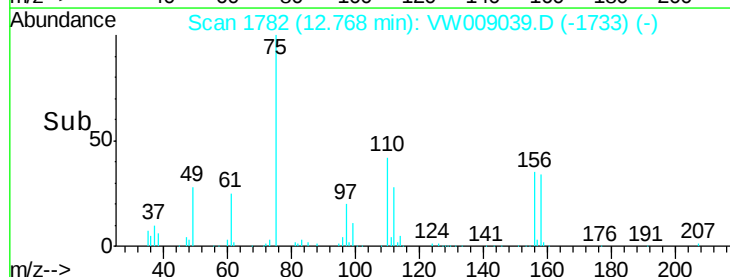
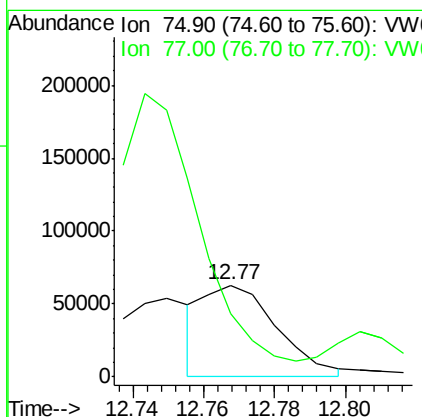
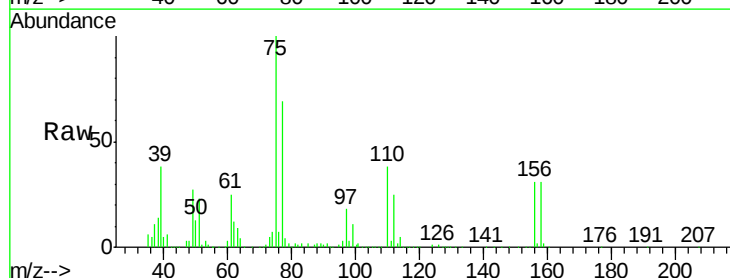
RT: 12.77 min Scan# 1782

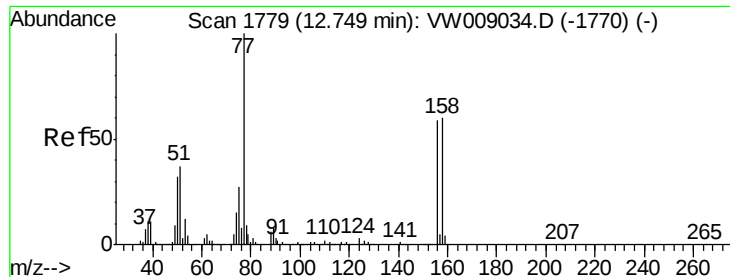
Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	75	Resp:	90523
Ion Ratio	Lower	Upper	
75	100		
77	0.0	186.7	560.0#





#77

Bromobenzene

Concen: 51.081 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

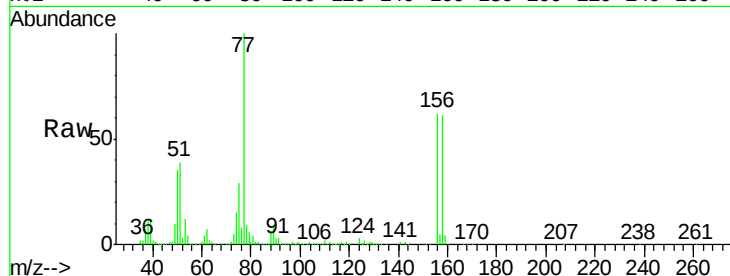
ClientSampled :

ICVW030719

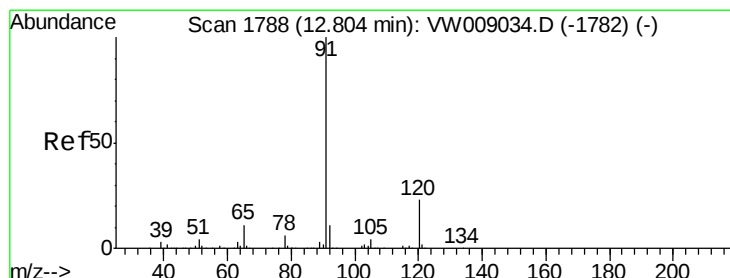
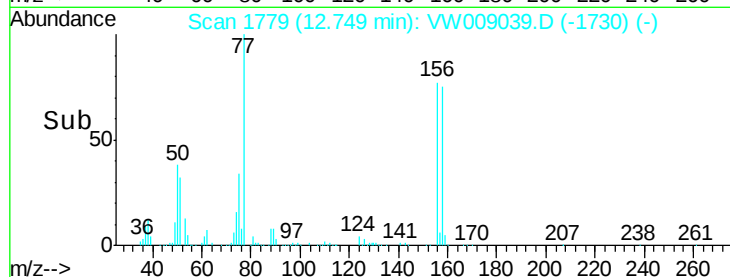
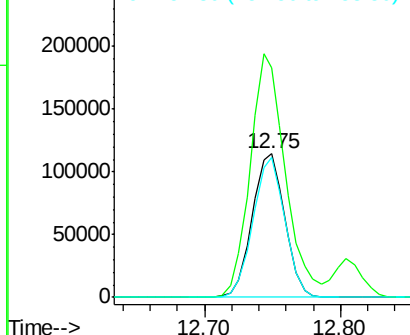
Tot Ion:	156	Resp:	191625
Ion Ratio	Lower	Upper	
156	100		
77	183.2	93.0	279.2
158	95.7	50.0	149.8

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.898 ug/l

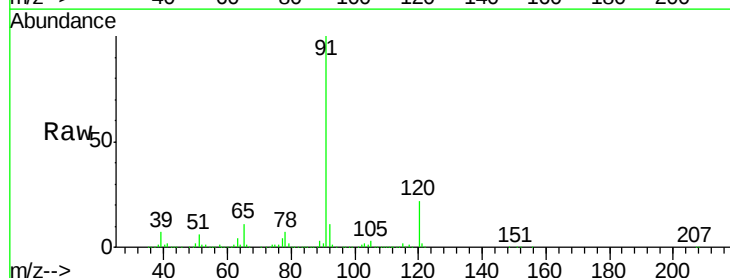
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

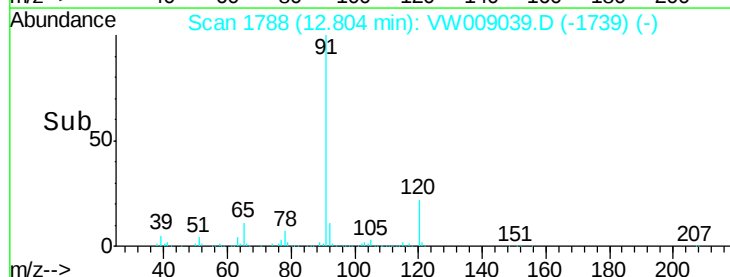
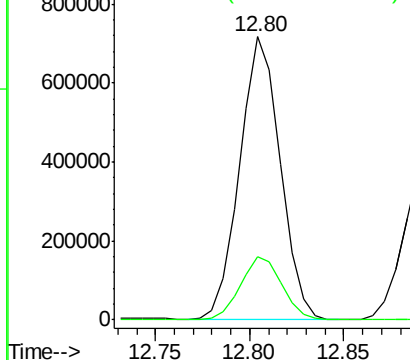
Lab File: VW009039.D

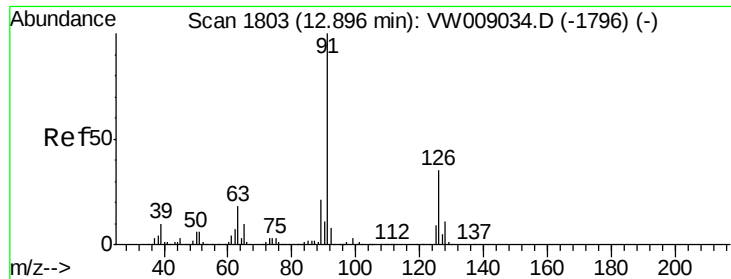
Acq: 07 Mar 2019 14:46

Tgt Ion:	91	Resp:	1069768
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.2



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.729 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

ICVW030719

Tot Ion: 91 Resp: 599120

Ion Ratio Lower Upper

91 100

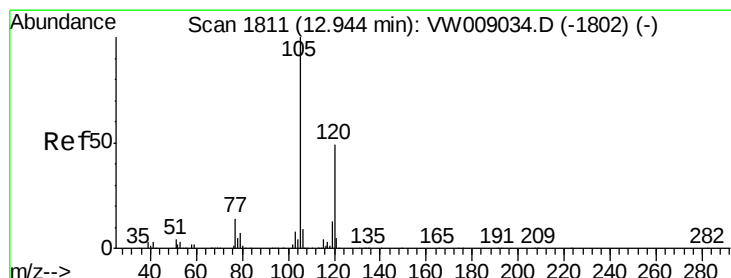
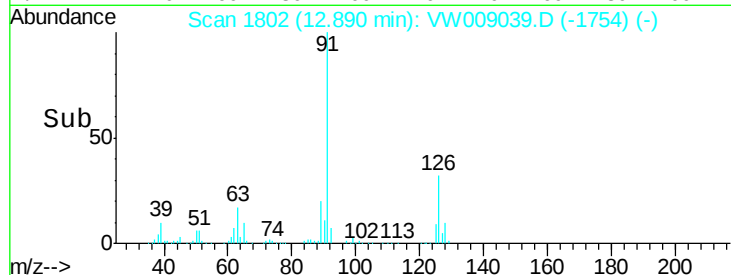
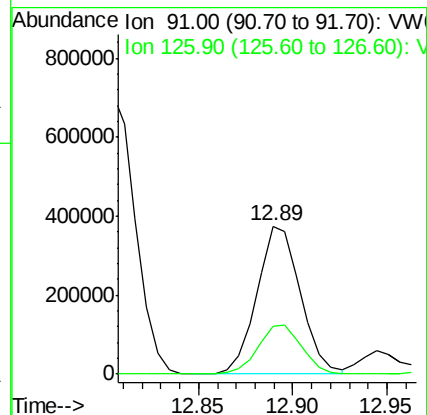
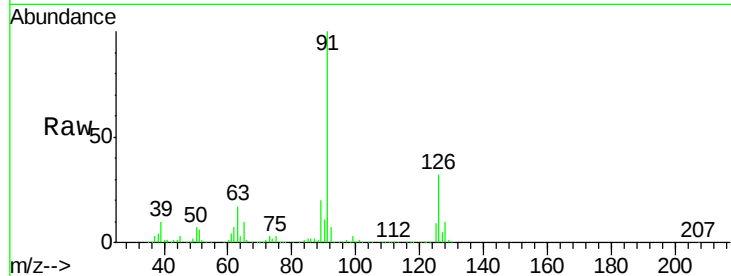
126 33.6 16.8 50.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.388 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW009039.D

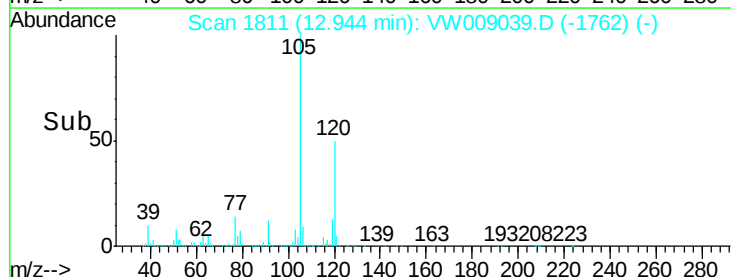
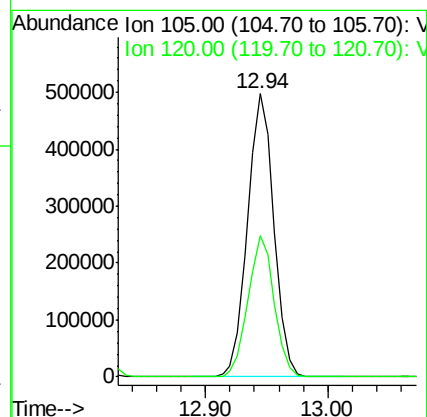
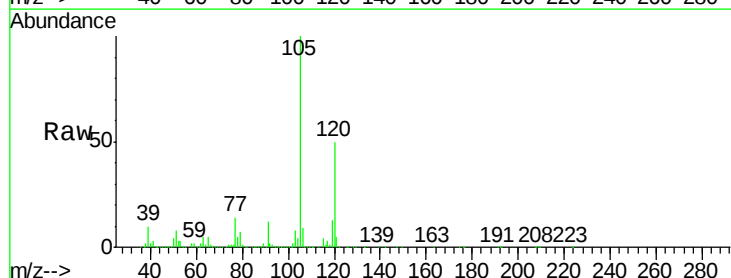
Acq: 07 Mar 2019 14:46

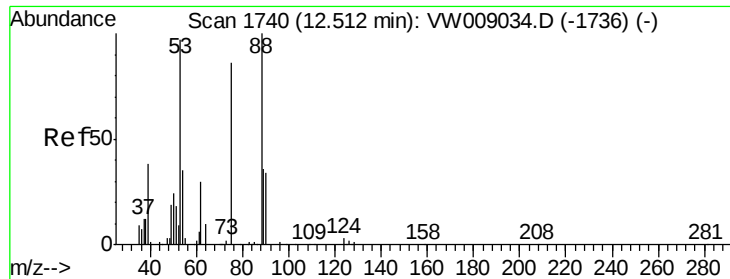
Tgt Ion: 105 Resp: 741413

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2





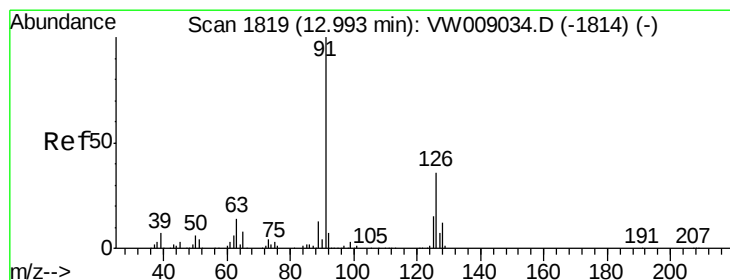
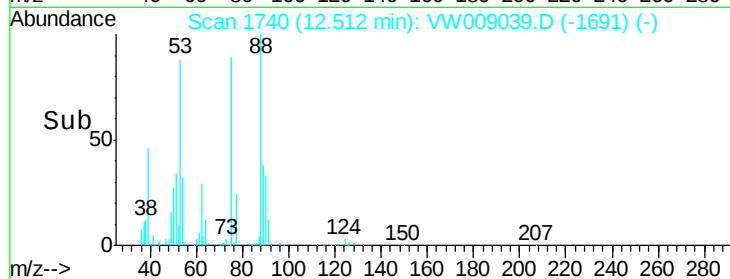
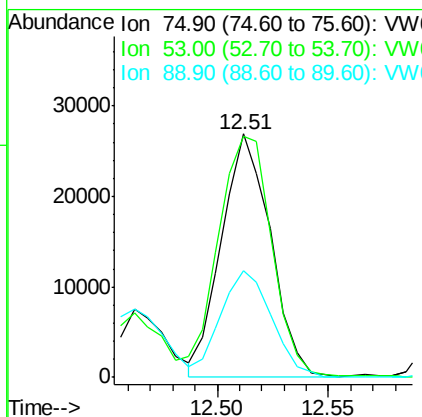
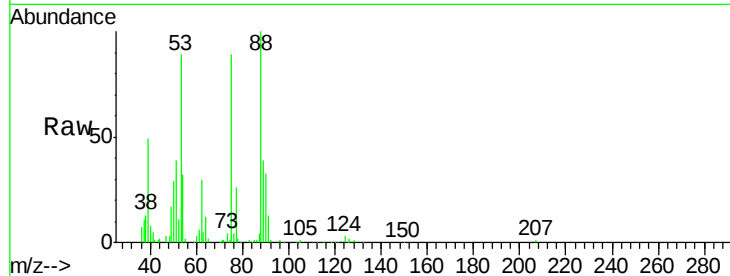
#81
trans-1,4-Dichloro-2-butene
Concen: 50.623 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.5	90.5	135.7
89	46.2	37.5	56.3

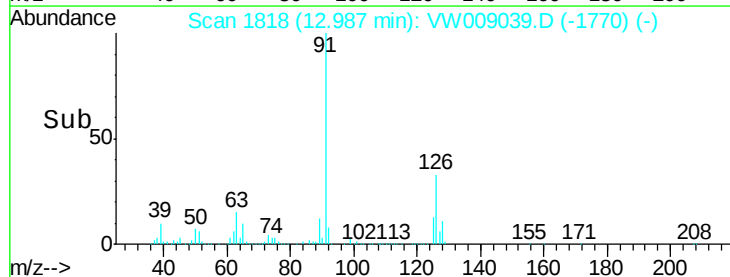
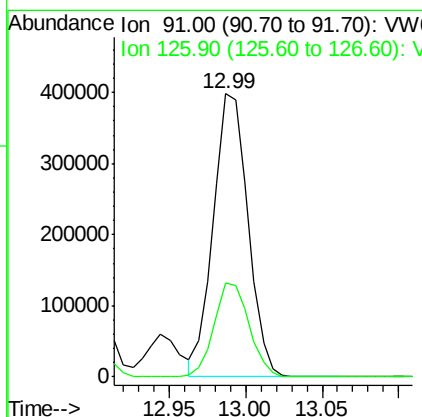
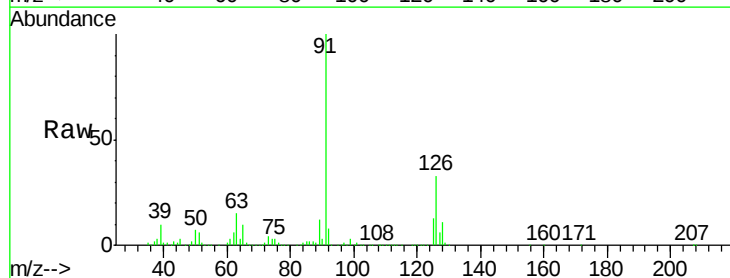
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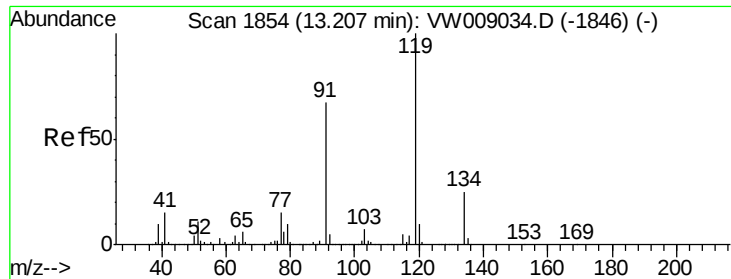
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#82
4-Chlorotoluene
Concen: 51.811 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.8





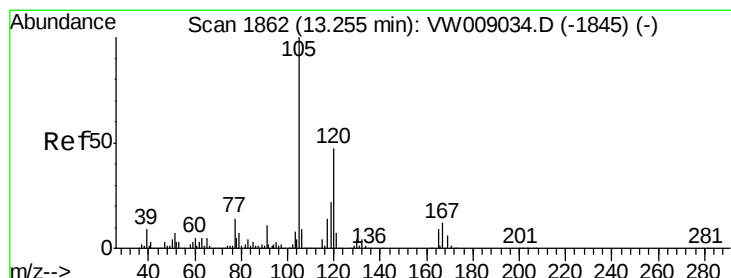
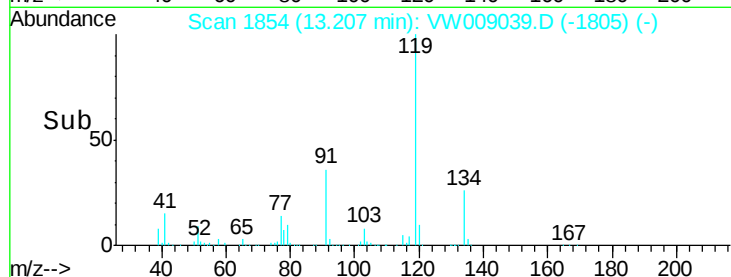
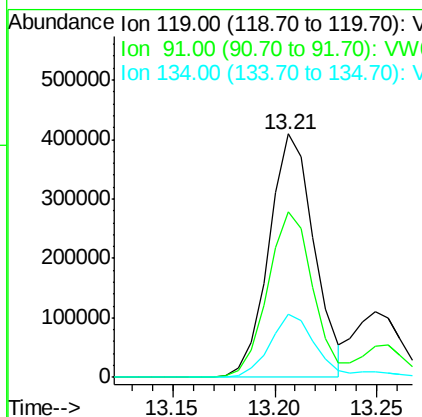
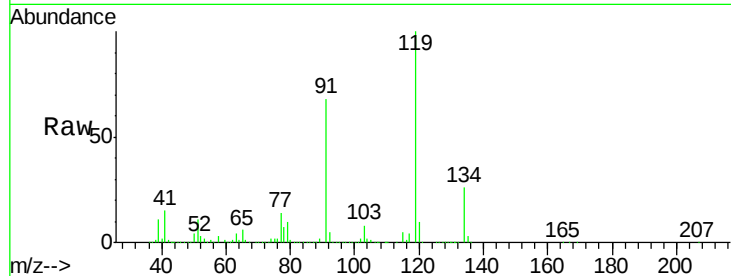
#83
tert-Butylbenzene
Concen: 53.141 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.2	102.5
134	27.4	13.9	41.6

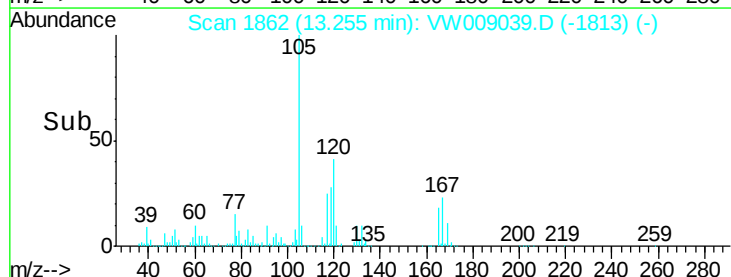
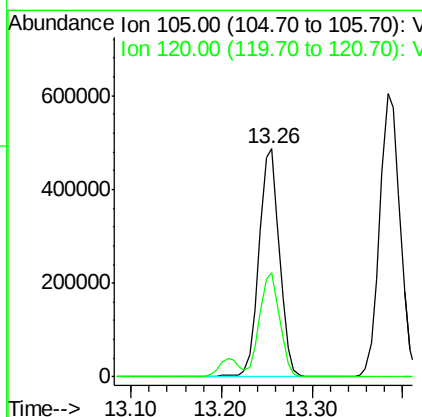
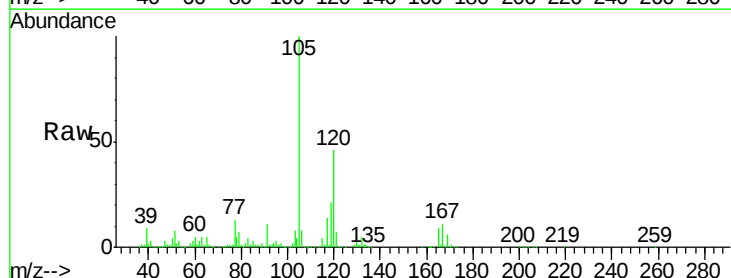
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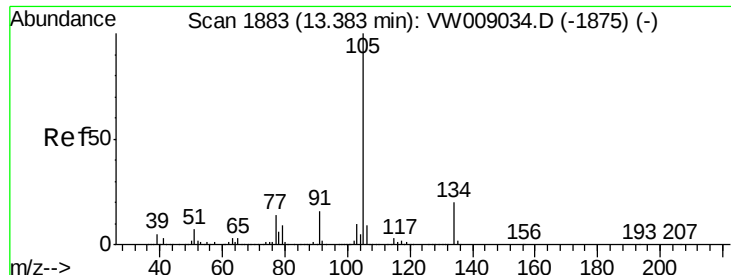
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.948 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.4





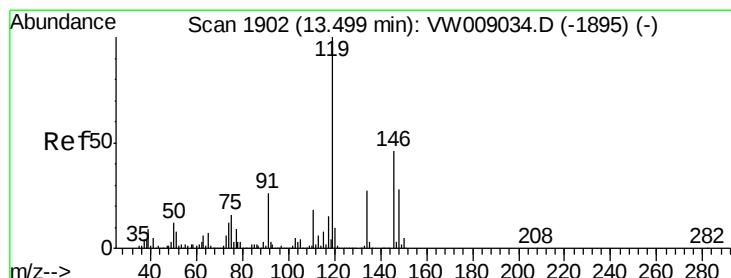
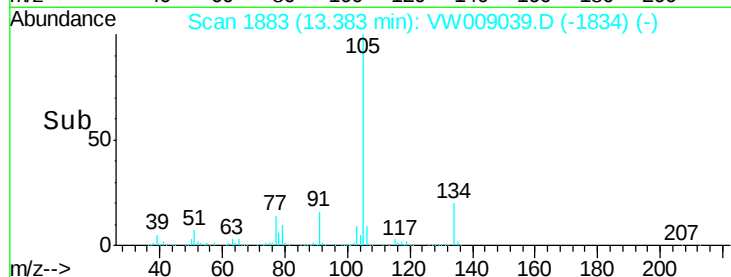
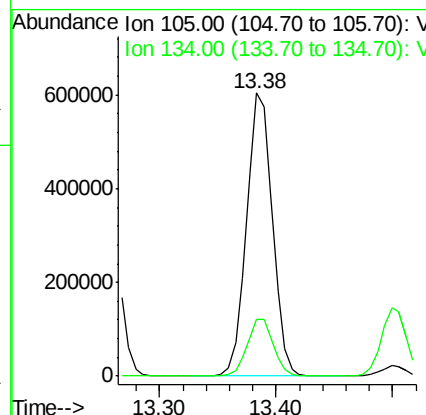
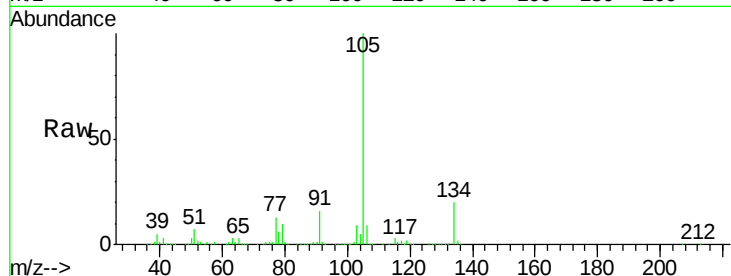
#85
 sec-Butylbenzene
 Concen: 53.012 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW030719

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	30.0

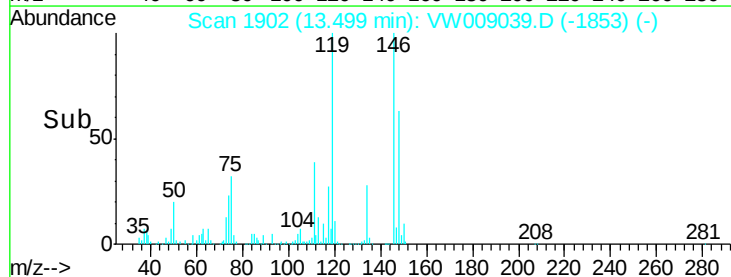
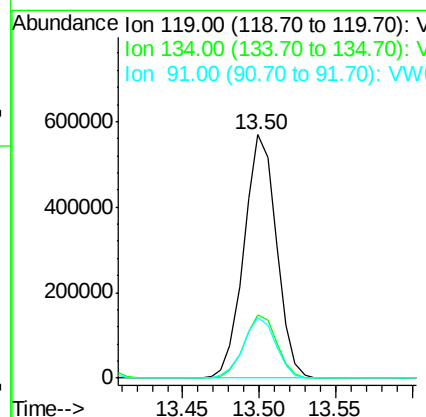
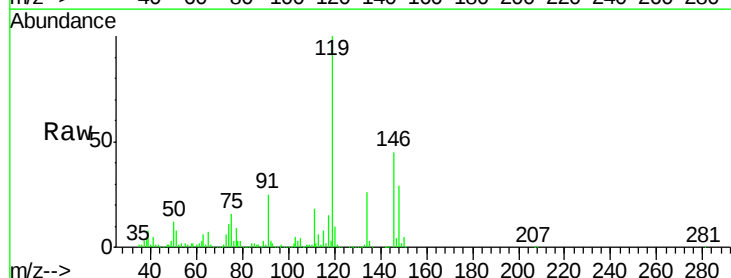
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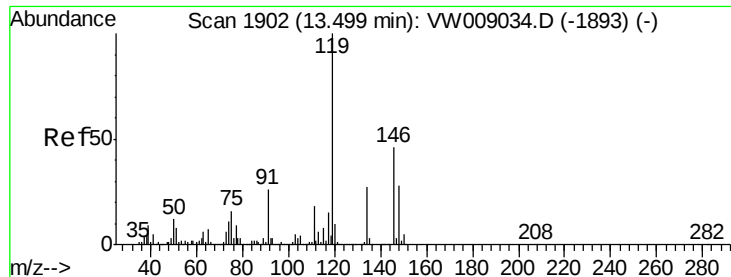
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#86
 p-Isopropyltoluene
 Concen: 52.973 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.3	39.9
91	24.8	12.3	36.9





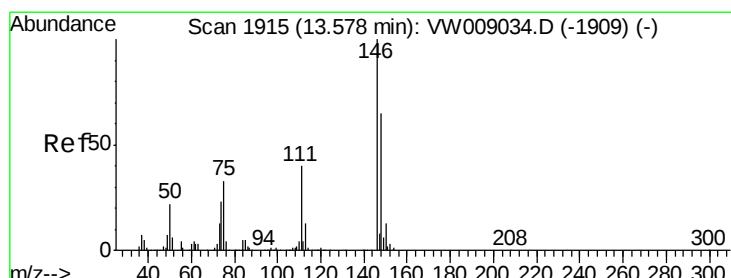
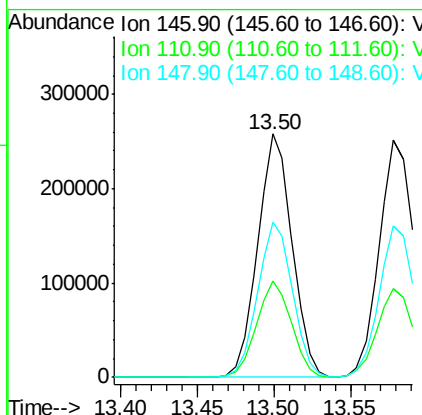
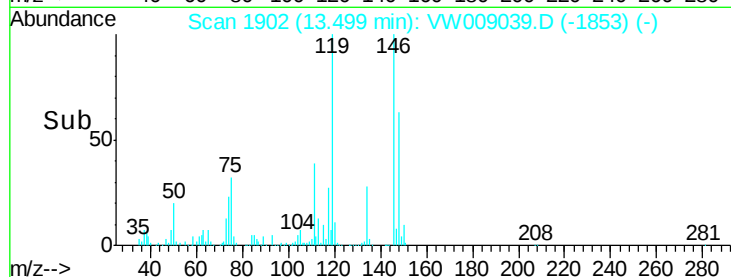
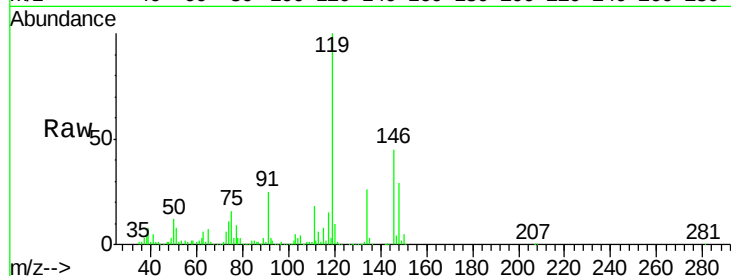
#87
 1,3-Dichlorobenzene
 Concen: 51.297 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW030719

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.4
148	64.4	31.6	94.8

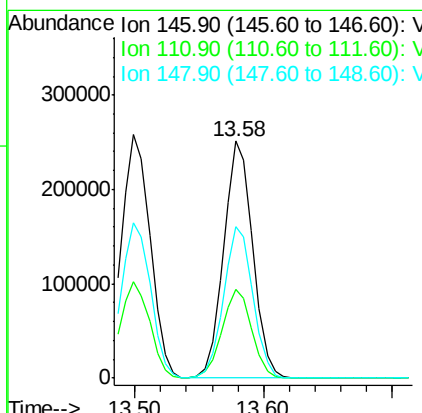
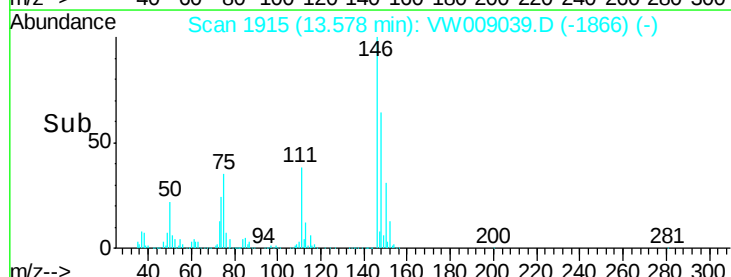
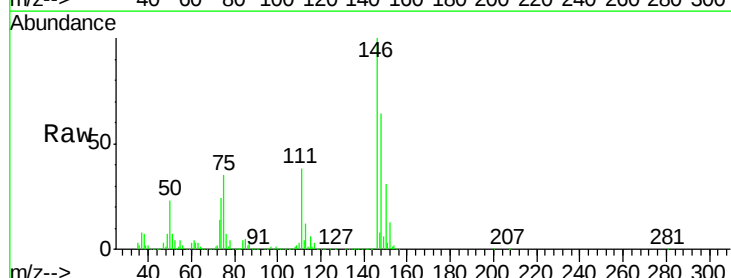
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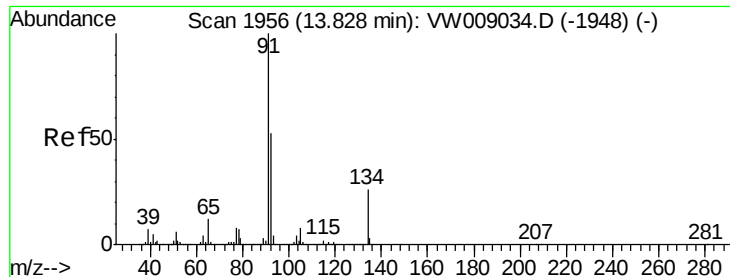
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 3/8/2019 12:06:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.948 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW009039.D
 Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	64.4	32.2	96.6





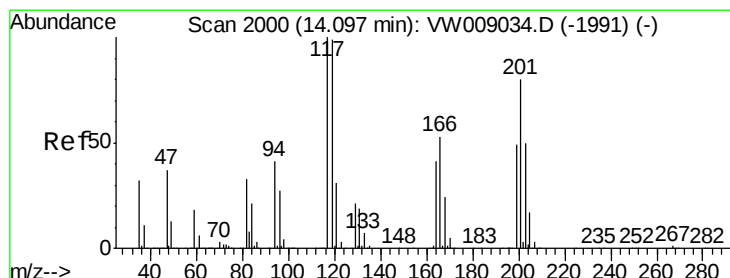
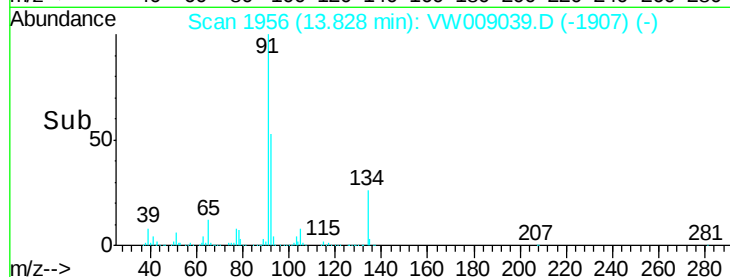
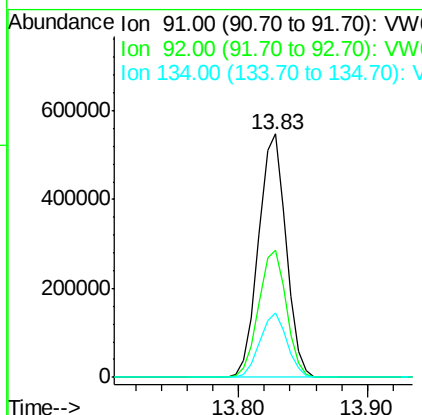
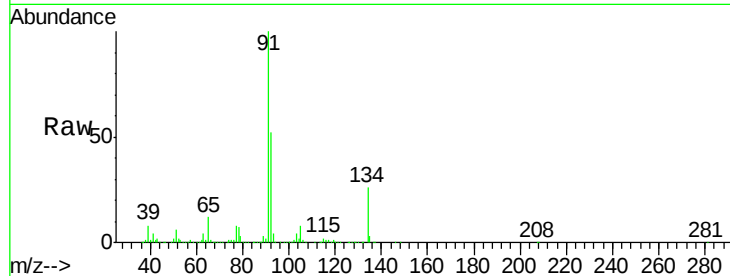
#89
n-Butylbenzene
Concen: 53.529 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.3
134	26.1	12.9	38.7

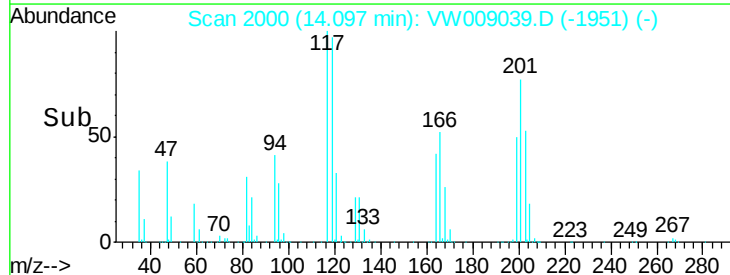
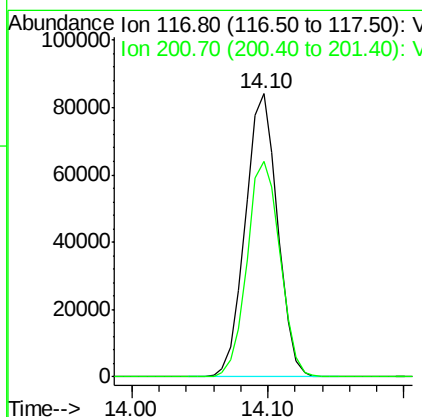
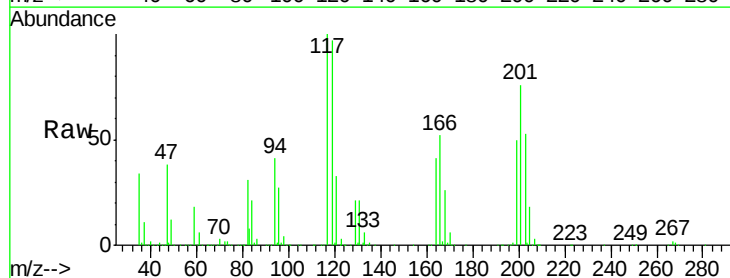
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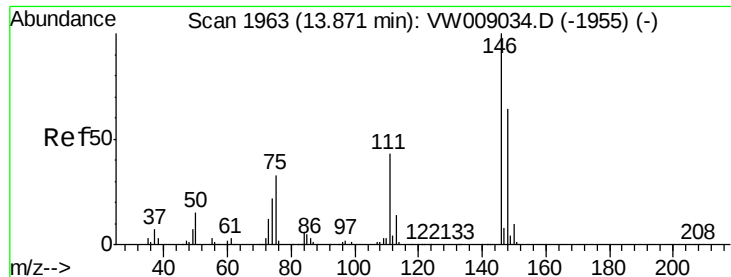
MMDadoda
3/8/2019 12:06:35 PM



#90
Hexachloroethane
Concen: 51.236 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.1	117.5





#91

1,2-Dichlorobenzene

Concen: 50.578 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Instrument :

MSVOA_W

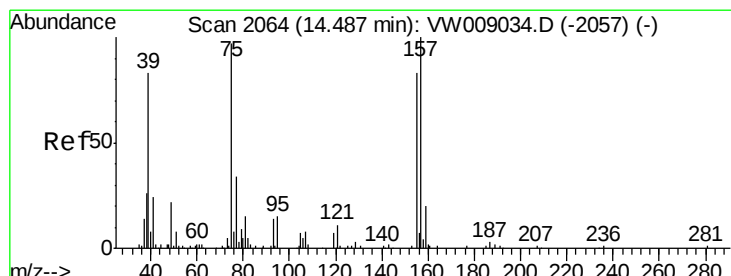
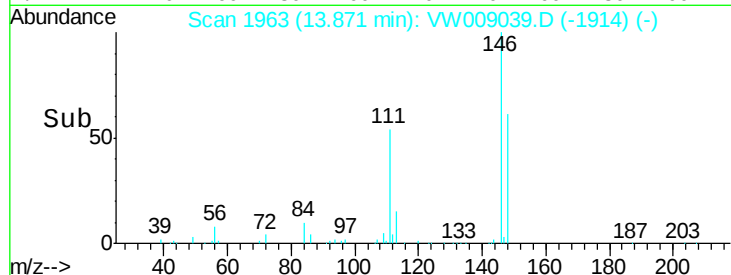
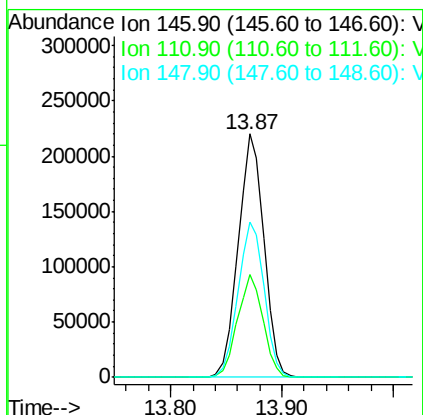
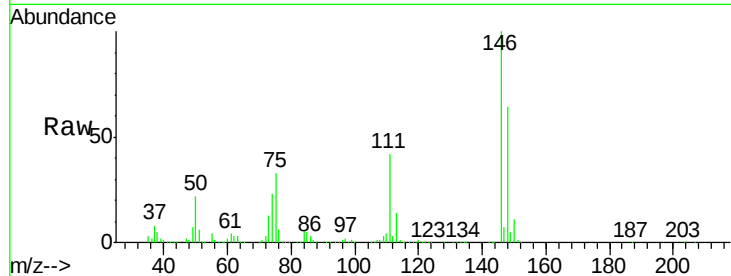
ClientSampled :

ICVW030719

Tot Ion:	146	Resp:	351811
Ion Ratio	Lower	Upper	
146	100		
111	41.9	21.1	63.1
148	64.8	32.3	96.9

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3/8/2019 12:06:35 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.746 ug/l

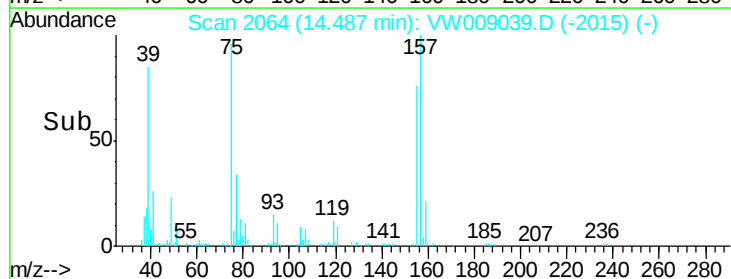
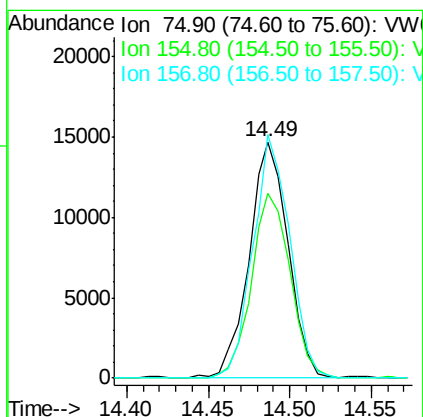
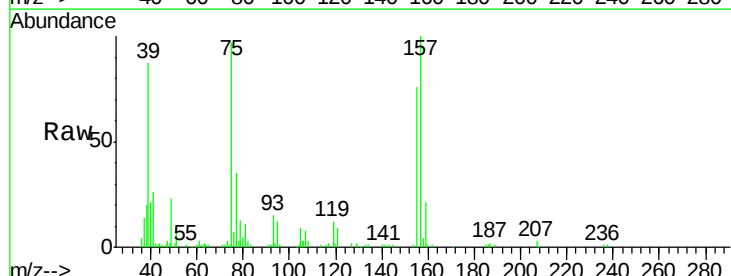
RT: 14.49 min Scan# 2064

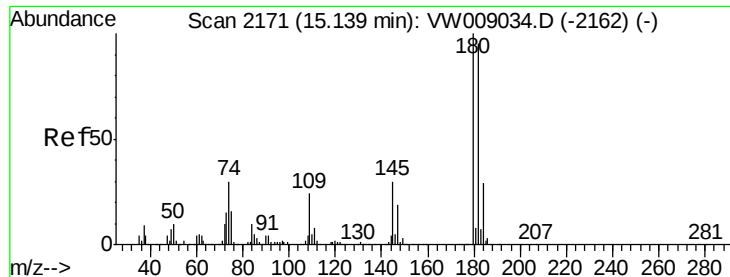
Delta R.T. -0.00 min

Lab File: VW009039.D

Acq: 07 Mar 2019 14:46

Tgt Ion:	75	Resp:	24330
Ion Ratio	Lower	Upper	
75	100		
155	78.1	40.8	122.4
157	97.7	52.4	157.3





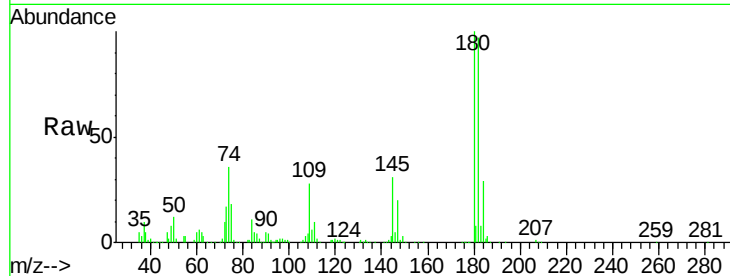
#93
1,2,4-Trichlorobenzene
Concen: 51.024 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

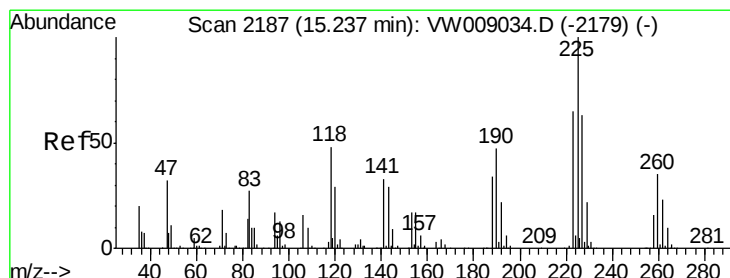
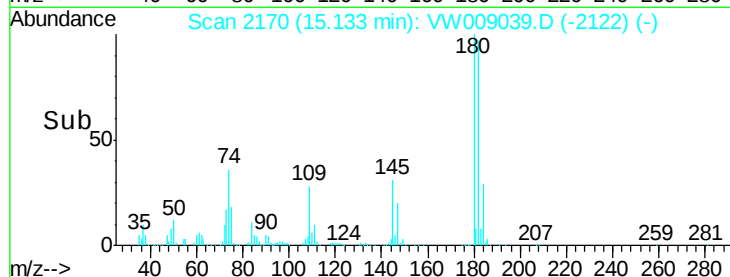
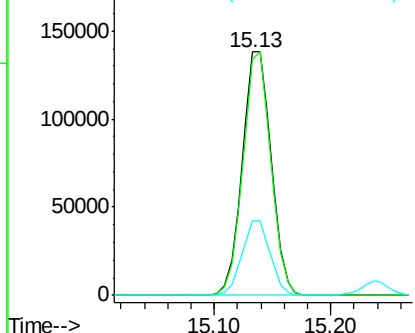
Tot Ion	Ratio	Resp	Lower	Upper
180	100	239691		
182	96.2	48.1	144.3	
145	30.0	15.4	46.1	

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3/8/2019 12:06:35 PM

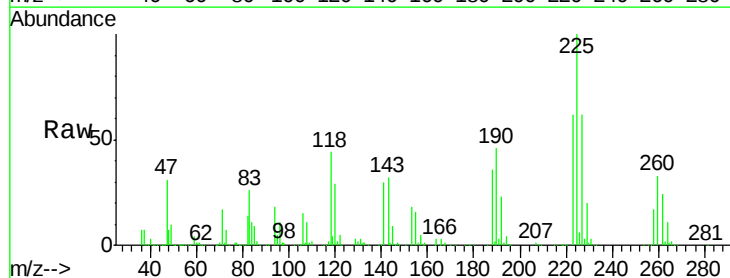


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

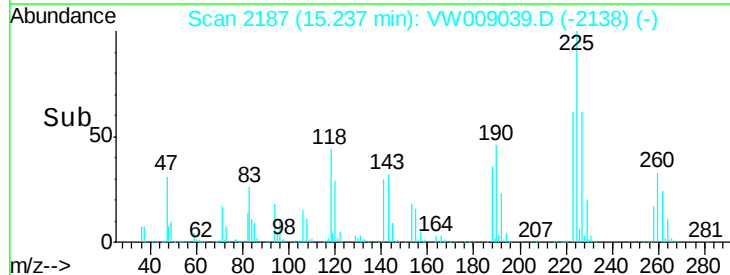
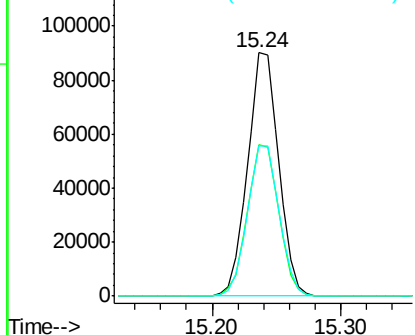


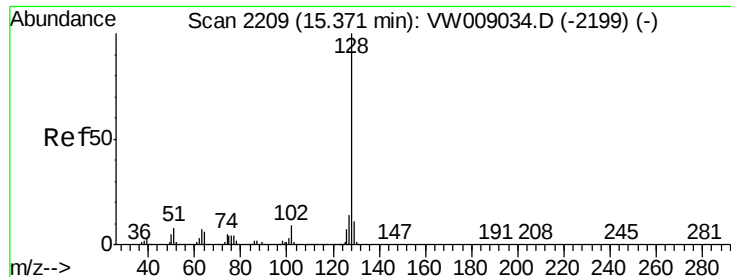
#94
Hexachlorobutadiene
Concen: 50.732 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149273		
223	63.0	31.6	94.8	
227	63.0	32.0	96.2	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





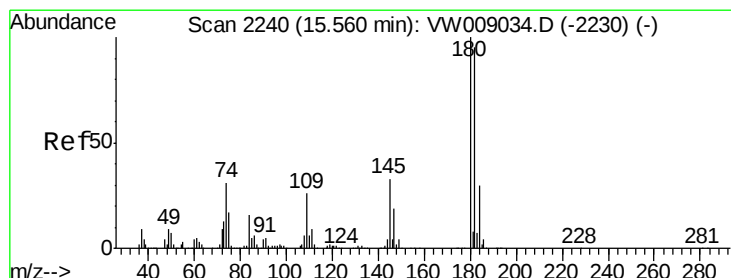
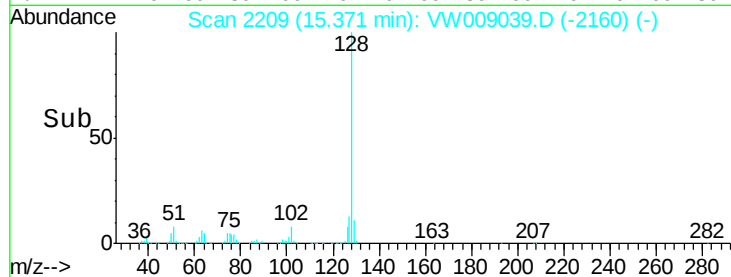
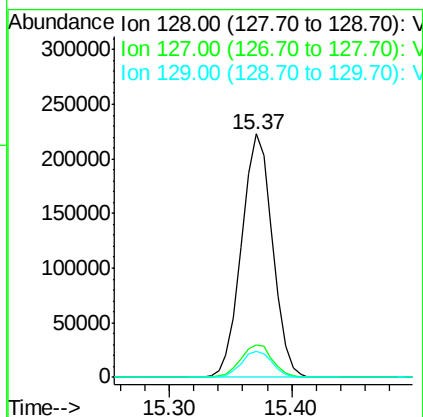
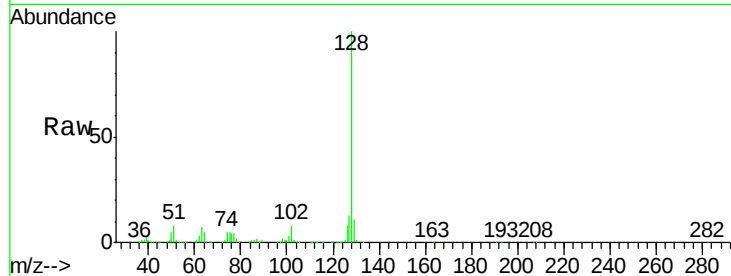
#95
Naphthalene
Concen: 51.133 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
ICVW030719

Tot Ion	Ratio	Resp	Lower	Upper
128	100	393197		
127	13.7		11.0	16.6
129	10.8		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.533 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009039.D
Acq: 07 Mar 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204607		
182	95.8		48.1	144.3
145	31.9		15.8	47.3

