

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009053.D
 Acq On : 08 Mar 2019 14:15
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:18 PM

Quant Time: Mar 09 02:50:38 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	286429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	212132	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	128481	44.58	ug/l	0.00
Spiked Amount			Recovery	=	89.16%	
35) Dibromofluoromethane	7.88	113	113788	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
50) Toluene-d8	10.32	98	511329	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	187273	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	131002	45.382	ug/l	96
3) Chloromethane	2.21	50	171729	46.830	ug/l	99
4) Vinyl Chloride	2.36	62	178591	47.989	ug/l	100
5) Bromomethane	2.76	94	128063	40.766	ug/l	99
6) Chloroethane	2.92	64	124310	46.921	ug/l	99
7) Trichlorofluoromethane	3.26	101	223157	46.573	ug/l	100
8) Diethyl Ether	3.68	74	61871	42.229	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139587	46.774	ug/l	100
10) Methyl Iodide	4.27	142	161631	49.934	ug/l	99
11) Tert butyl alcohol	5.17	59	43020	194.811	ug/l	97
12) 1,1-Dichloroethene	4.04	96	119843	46.555	ug/l	97
13) Acrolein	3.90	56	51871	213.459	ug/l	99
14) Allyl chloride	4.67	41	215208	47.394	ug/l	99
15) Acrylonitrile	5.37	53	136956	214.178	ug/l	98
16) Acetone	4.13	43	161709	248.671	ug/l	96
17) Carbon Disulfide	4.38	76	407428	47.041	ug/l	100
18) Methyl Acetate	4.67	43	60944	40.755	ug/l	94
19) Methyl tert-butyl Ether	5.42	73	290377	42.642	ug/l	98
20) Methylene Chloride	4.92	84	139829	45.187	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	135534	45.598	ug/l	94
22) Diisopropyl ether	6.31	45	413408	45.813	ug/l	99
23) Vinyl Acetate	6.25	43	1226448	218.407	ug/l	99
24) 1,1-Dichloroethane	6.21	63	242010	46.238	ug/l	99
25) 2-Butanone	7.17	43	191319	212.880	ug/l	100
26) 2,2-Dichloropropane	7.16	77	233430	49.065	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	145128	45.462	ug/l	98
28) Bromochloromethane	7.51	49	98842	45.401	ug/l	99
29) Tetrahydrofuran	7.53	42	114839	202.771	ug/l	99
30) Chloroform	7.67	83	243496	45.187	ug/l	99
31) Cyclohexane	7.95	56	245901	45.755	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	234851	47.226	ug/l	100
36) 1,1-Dichloropropene	8.08	75	205959	50.096	ug/l	99
37) Ethyl Acetate	7.26	43	81034	41.962	ug/l	99
38) Carbon Tetrachloride	8.07	117	214033	50.410	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254143	51.899	ug/l	99
40) Benzene	8.32	78	549861	50.102	ug/l	99
41) Methacrylonitrile	7.48	41	47916	44.682	ug/l	94
42) 1,2-Dichloroethane	8.40	62	161398	45.553	ug/l	99
43) Isopropyl Acetate	8.42	43	156299	43.457	ug/l	99
44) Trichloroethene	9.09	130	147786	48.045	ug/l	97
45) 1,2-Dichloropropane	9.37	63	132038	48.036	ug/l	98
46) Dibromomethane	9.46	93	69062	46.005	ug/l	99
47) Bromodichloromethane	9.64	83	182541	48.036	ug/l	99
48) Methyl methacrylate	9.43	41	76284	45.550	ug/l	92
49) 1,4-Dioxane	9.45	88	21530	1001.554	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	411265	225.239	ug/l	100
52) Toluene	10.38	92	384330	51.637	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	180570	48.045	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	211261	48.914	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93364	45.886	ug/l	98
56) Ethyl methacrylate	10.65	69	120175	47.590	ug/l	98
57) 1,3-Dichloropropane	10.93	76	164086	45.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299856	229.057	ug/l	100
59) 2-Hexanone	10.97	43	311191	242.405	ug/l	100
60) Dibromochloromethane	11.13	129	117692	46.740	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91609	45.927	ug/l	98
64) Tetrachloroethene	10.86	164	139231	51.078	ug/l	98
65) Chlorobenzene	11.66	112	410857	49.939	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	133595	48.632	ug/l	98
67) Ethyl Benzene	11.73	91	773440	52.038	ug/l	99
68) m/p-Xylenes	11.84	106	604408	103.025	ug/l	100
69) o-Xylene	12.17	106	280511	51.389	ug/l	98
70) Styrene	12.18	104	455600	51.587	ug/l	99
71) Bromoform	12.35	173	68374	46.355	ug/l #	98
73) Isopropylbenzene	12.46	105	785796	51.728	ug/l	100
74) N-amyl acetate	12.27	43	173829	48.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	110355	46.053	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80084m	47.782	ug/l	
77) Bromobenzene	12.75	156	171972	49.546	ug/l	99
78) n-propylbenzene	12.80	91	975964	52.158	ug/l	100
79) 2-Chlorotoluene	12.90	91	535939	50.979	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	675966	51.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	35835	47.824	ug/l	96
82) 4-Chlorotoluene	12.99	91	565860	50.494	ug/l	100
83) tert-Butylbenzene	13.21	119	578280	52.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	679591	51.305	ug/l	100
85) sec-Butylbenzene	13.38	105	848442	51.853	ug/l	99
86) p-Isopropyltoluene	13.50	119	769667	52.582	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	363026	49.767	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	356444	49.446	ug/l	99
89) n-Butylbenzene	13.83	91	735289	52.841	ug/l	99
90) Hexachloroethane	14.10	117	132474	52.475	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	316271	49.142	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20027	46.925	ug/l	97

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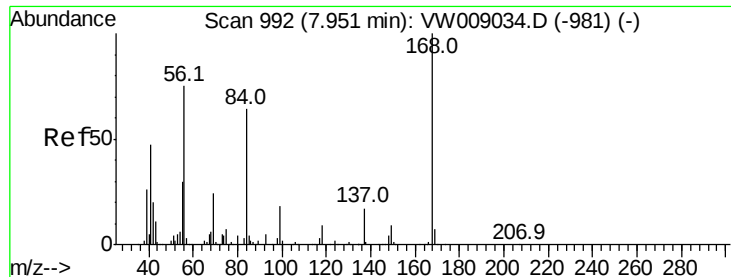
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	216423	49.793	ug/l	98
94) Hexachlorobutadiene	15.24	225	137898	50.652	ug/l	99
95) Naphthalene	15.37	128	351687	49.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	185199	48.457	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 286429

Ion Ratio Lower Upper

168 100

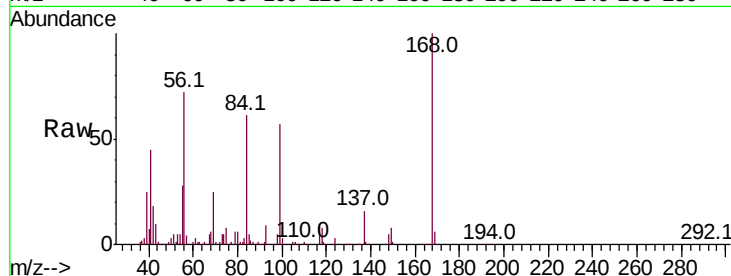
99 57.3 42.2 63.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

150000 Ion 98.90 (98.60 to 99.60): VW

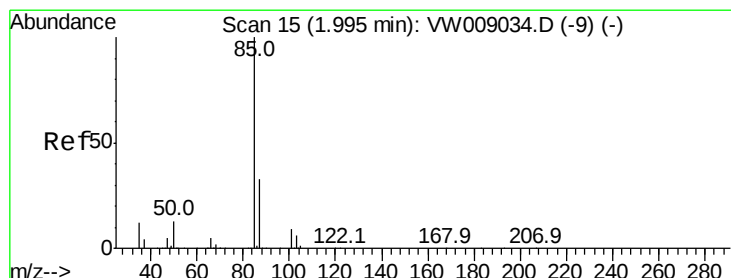
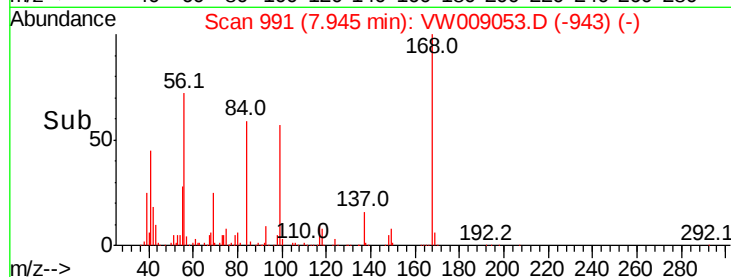
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 45.382 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW009053.D

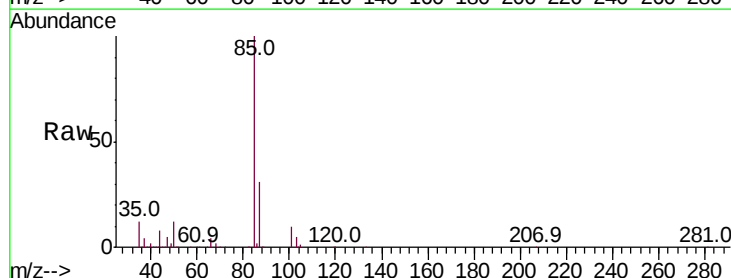
Acq: 08 Mar 2019 14:15

Tgt Ion: 85 Resp: 131002

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

100000 Ion 86.90 (86.60 to 87.60): VW

2.00

80000

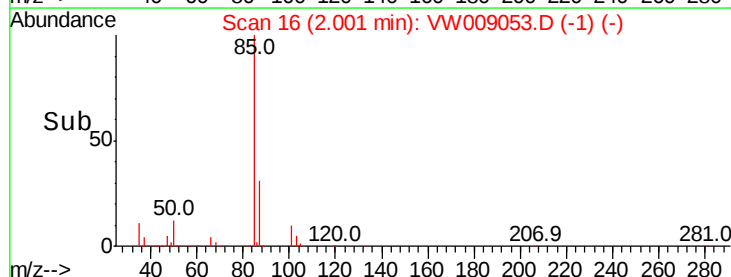
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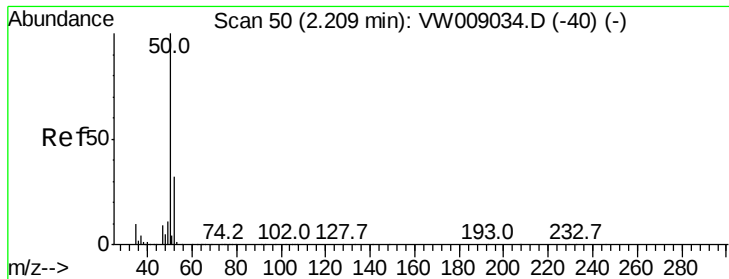
40000

20000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 46.830 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 171729

Ion Ratio Lower Upper

50 100

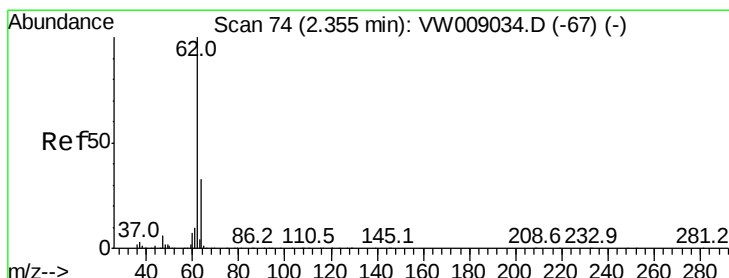
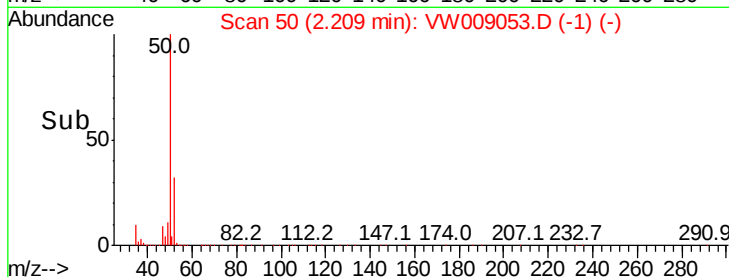
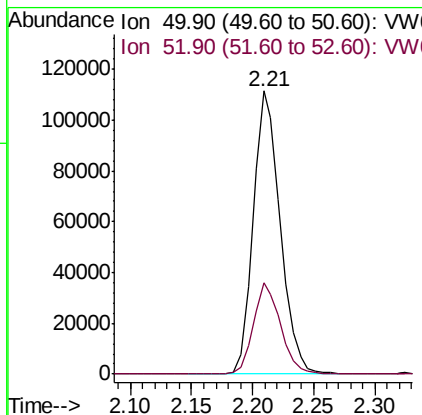
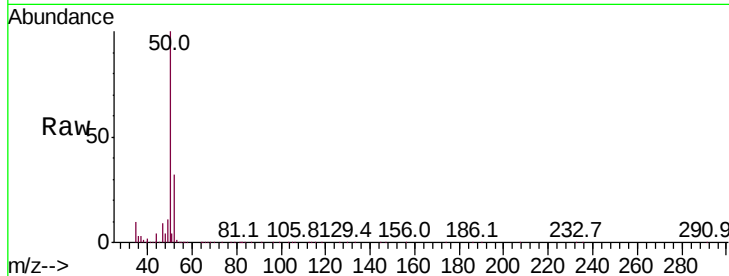
52 32.3 25.4 38.2

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#4

Vinyl Chloride

Concen: 47.989 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009053.D

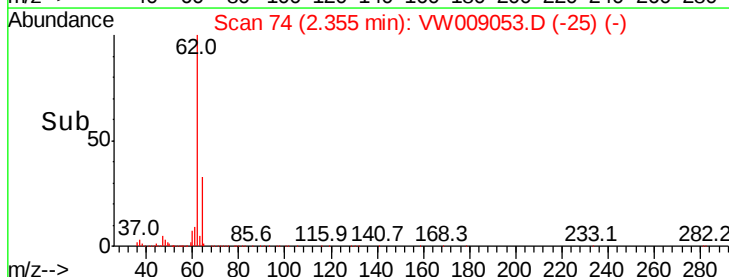
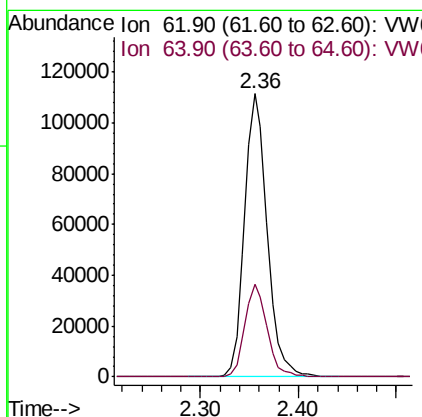
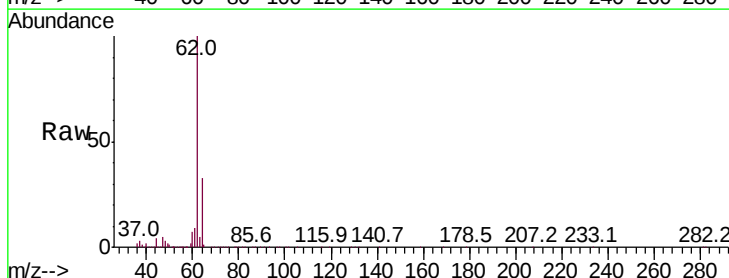
Acq: 08 Mar 2019 14:15

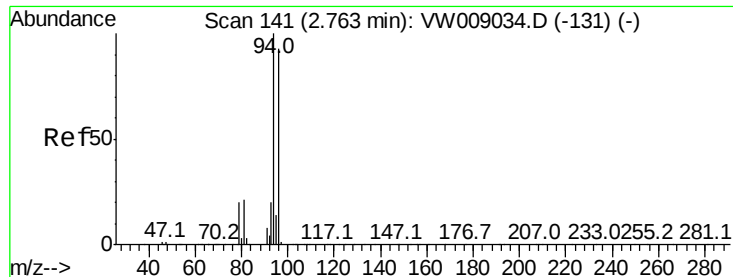
Tgt Ion: 62 Resp: 178591

Ion Ratio Lower Upper

62 100

64 32.6 26.0 39.0





#5

Bromomethane

Concen: 40.766 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 128063

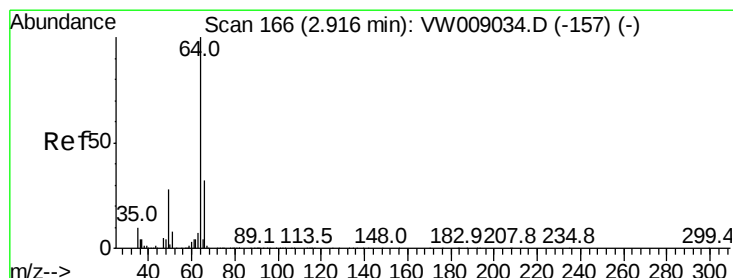
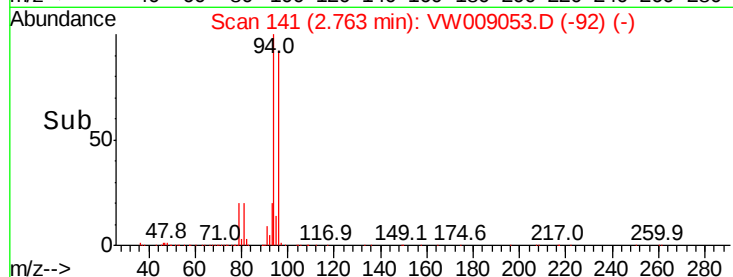
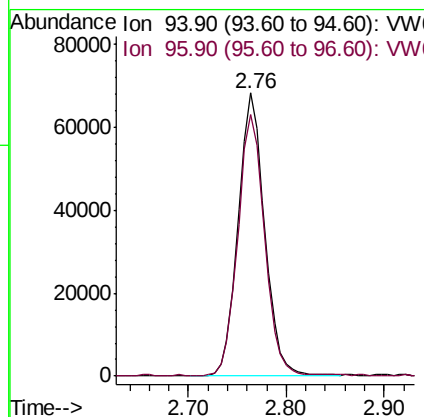
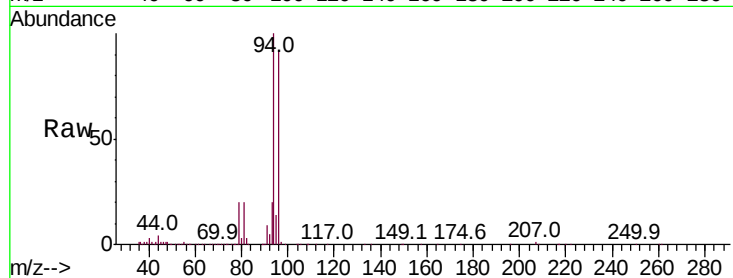
Ion Ratio Lower Upper

94 100

96 92.4 74.4 111.6

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#6

Chloroethane

Concen: 46.921 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW009053.D

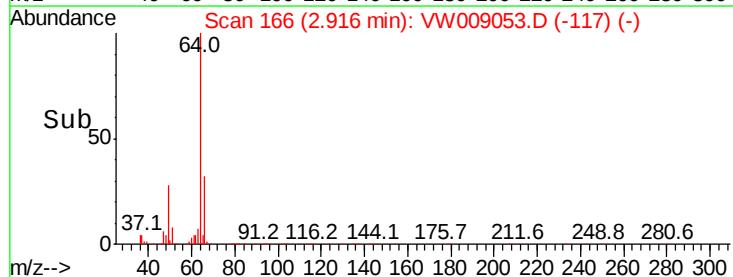
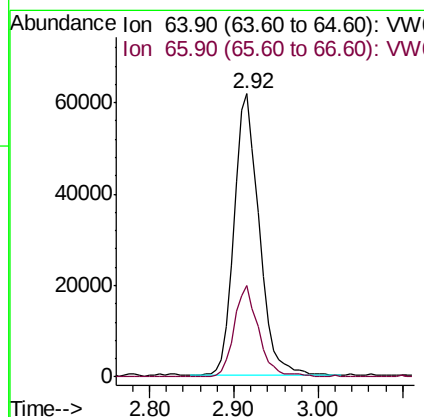
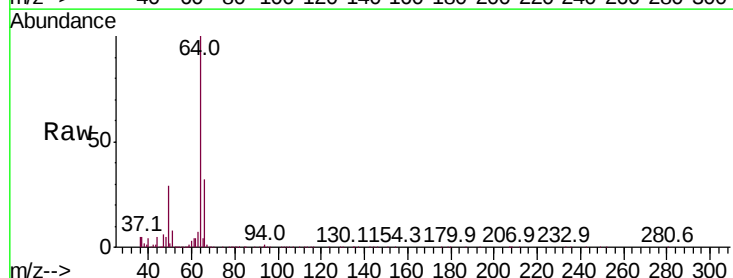
Acq: 08 Mar 2019 14:15

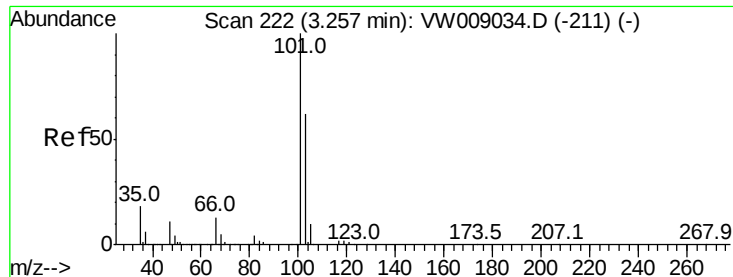
Tgt Ion: 64 Resp: 124310

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

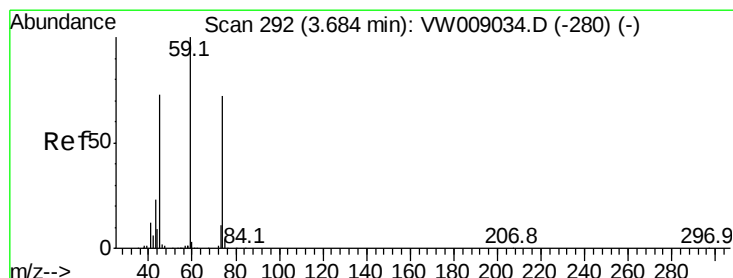
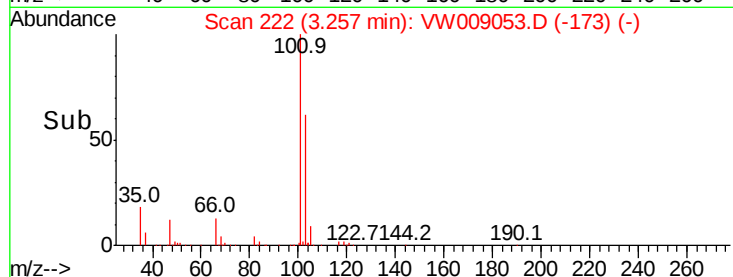
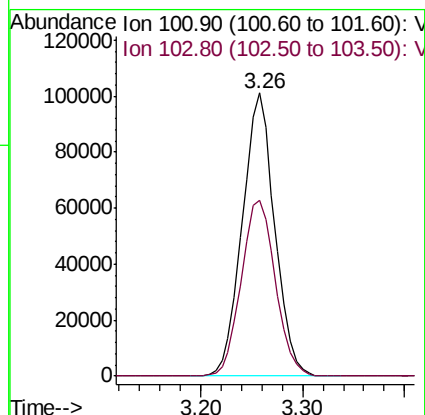
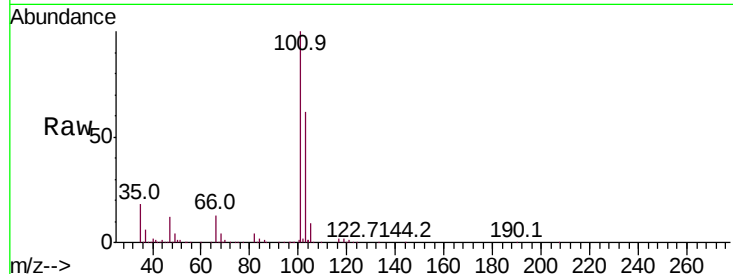
Trichlorofluoromethane
Concen: 46.573 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.9	74.9

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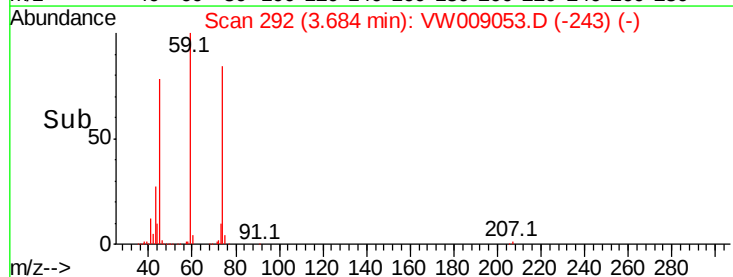
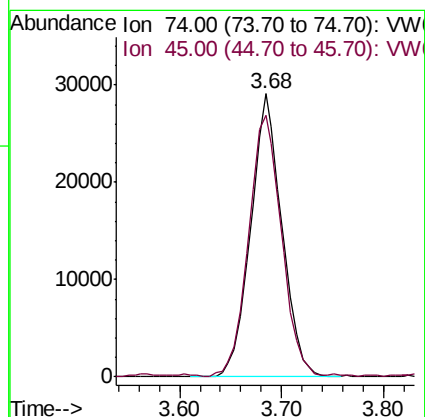
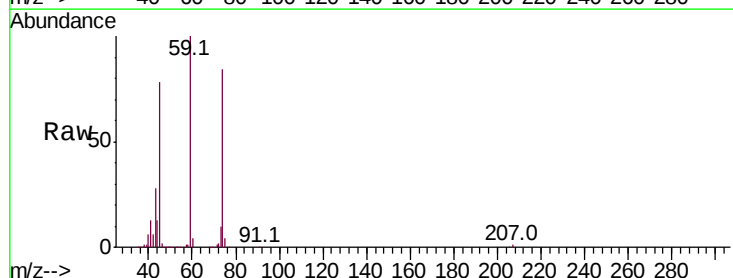
MMDadoda
3/11/2019 2:53:18 PM

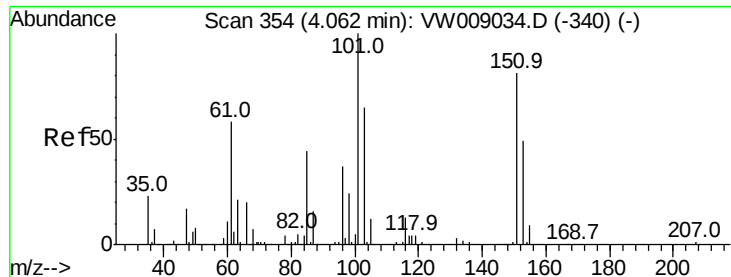


#8

Diethyl Ether
Concen: 42.229 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.774 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

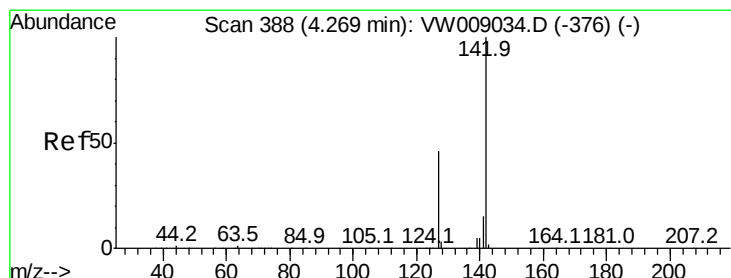
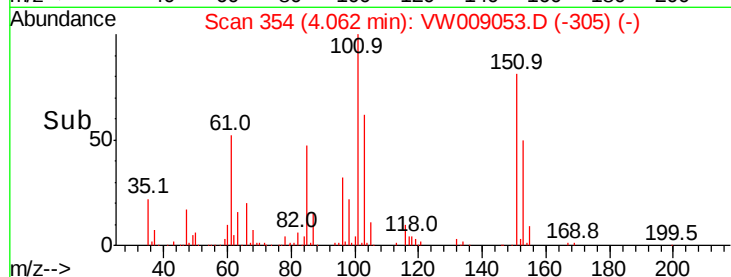
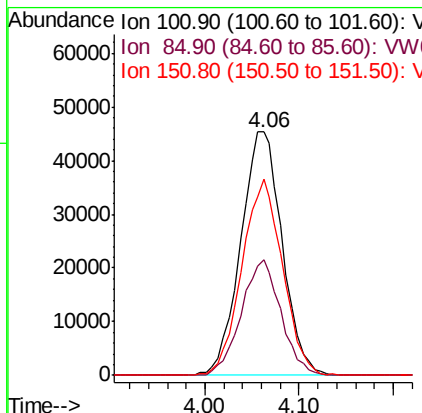
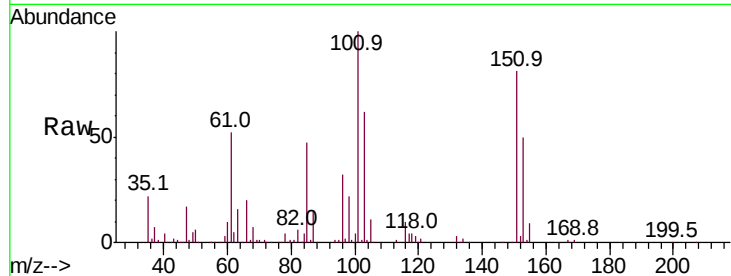
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	139587
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.2	54.4
151	79.0	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 49.934 ug/l

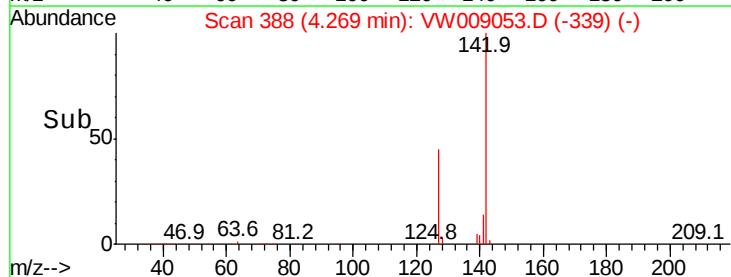
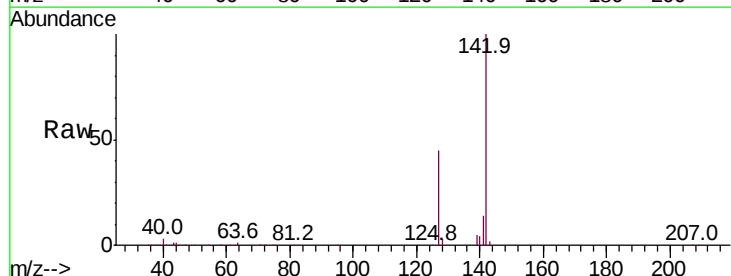
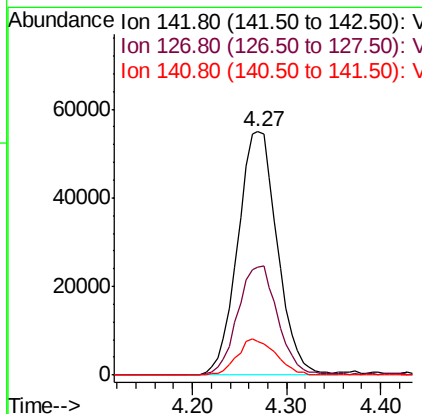
RT: 4.27 min Scan# 388

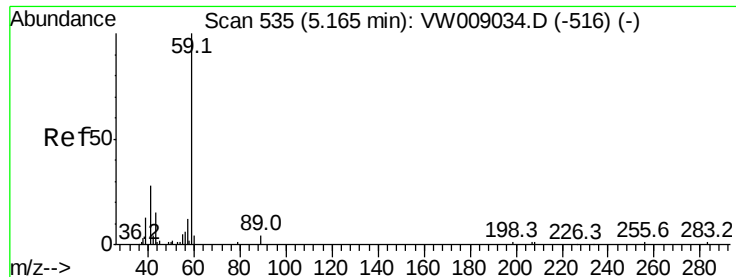
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion:	142	Resp:	161631
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.8	53.6
141	14.5	11.8	17.8





#11

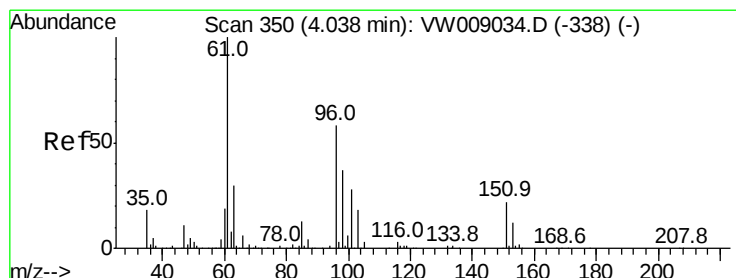
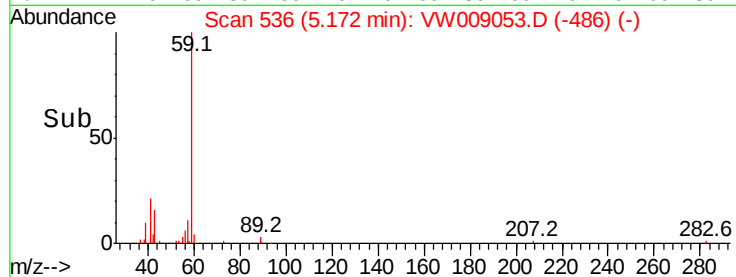
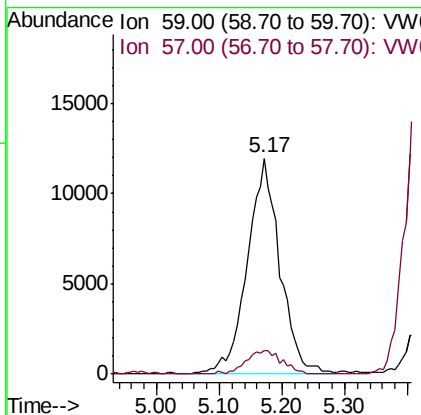
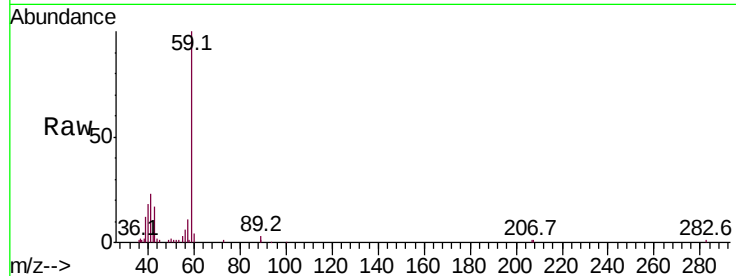
Tert butyl alcohol
 Concen: 194.811 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	43020
Ion Ratio	100	Lower	Upper
57	11.9	8.6	12.8

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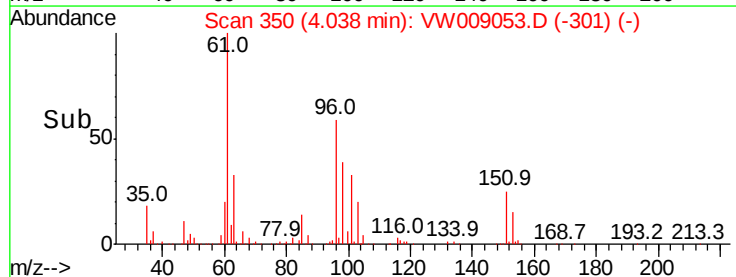
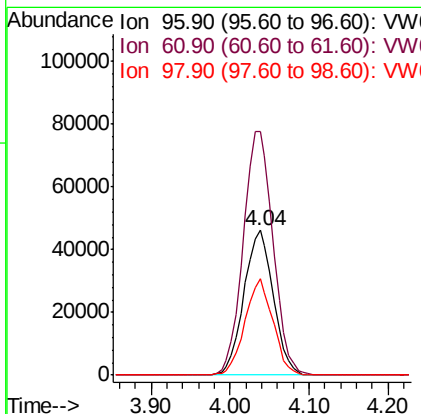
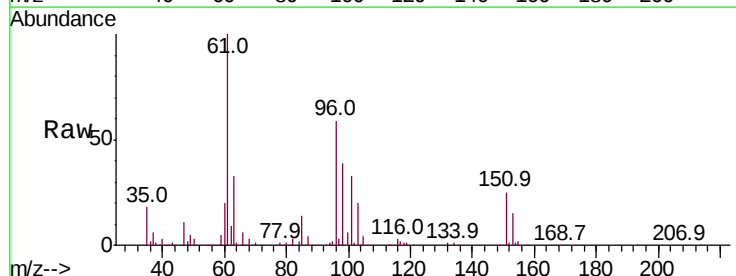
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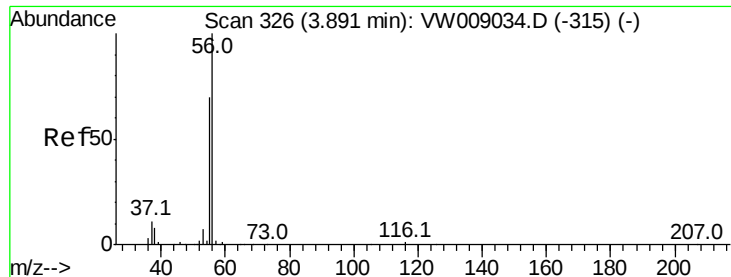


#12

1,1-Dichloroethene
 Concen: 46.555 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	96	Resp	119843
Ion Ratio	100	Lower	Upper
61	168.4	138.2	207.2
98	66.3	51.3	76.9





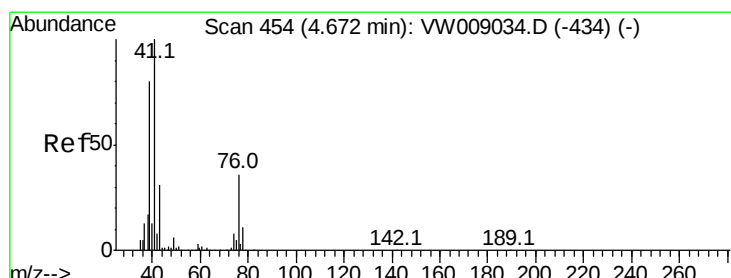
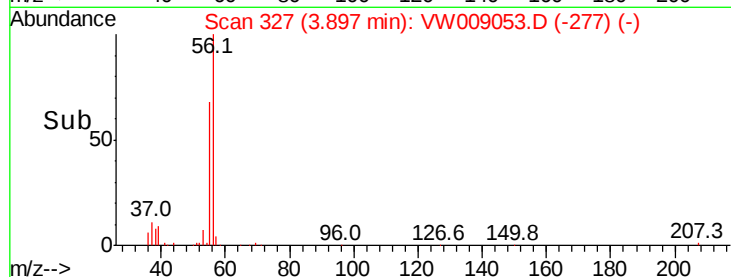
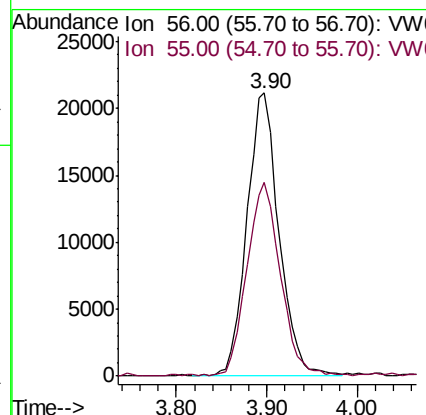
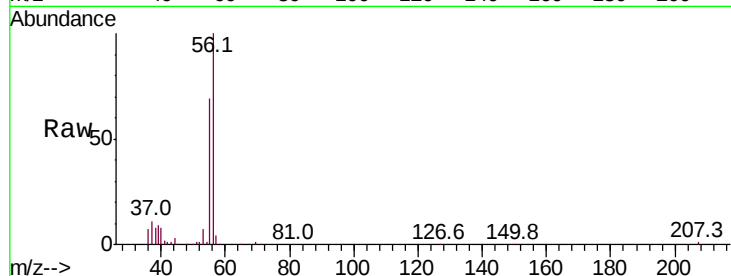
#13
Acrolein
Concen: 213.459 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	51871
Ion Ratio	100	Lower	Upper
55	71.5	56.6	84.8

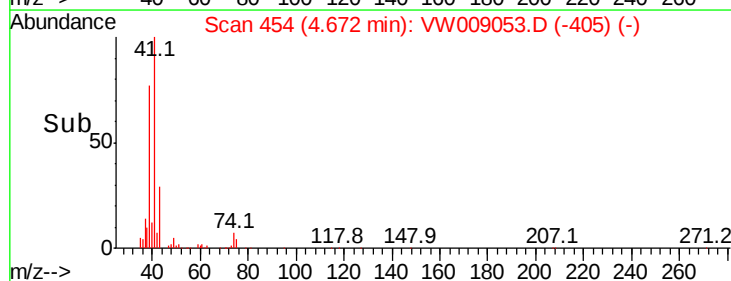
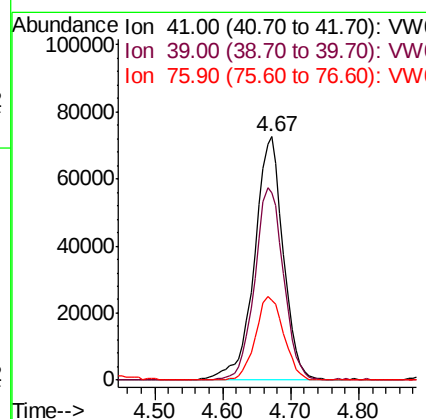
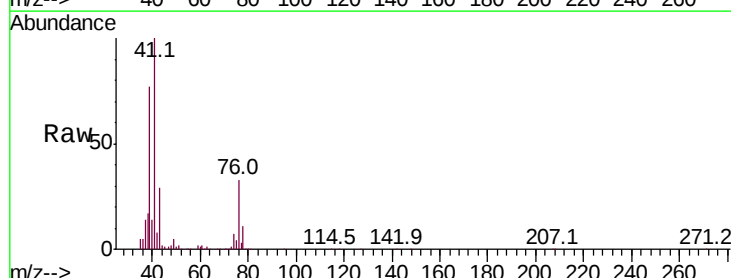
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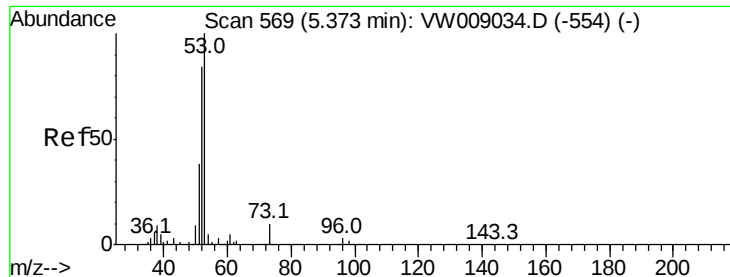
MMDadoda
3/11/2019 2:53:18 PM



#14
Allyl chloride
Concen: 47.394 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	41	Resp	215208
Ion Ratio	100	Lower	Upper
39	78.4	63.0	94.4
76	34.0	28.2	42.2





#15

Acrylonitrile

Concen: 214.178 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

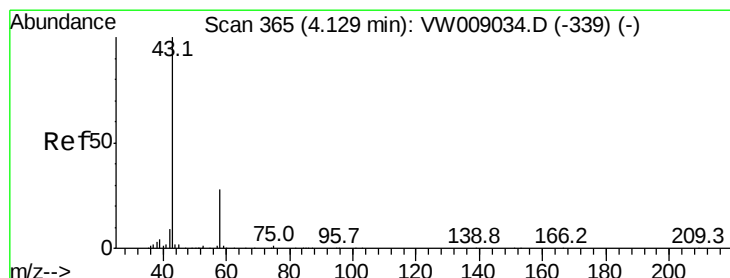
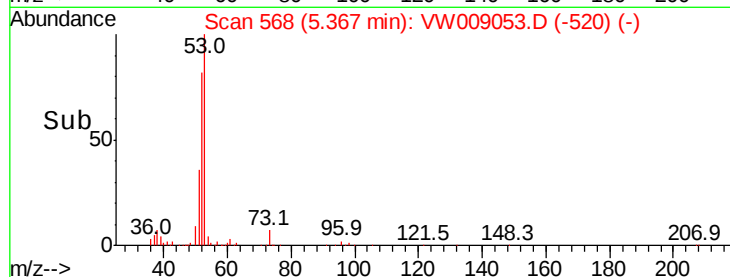
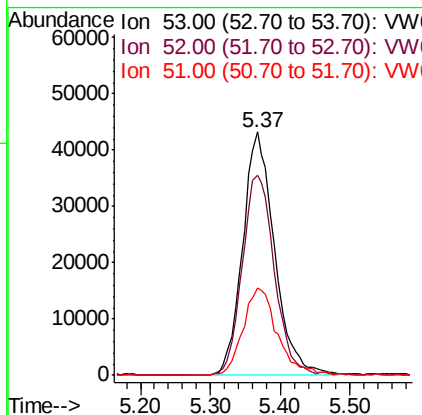
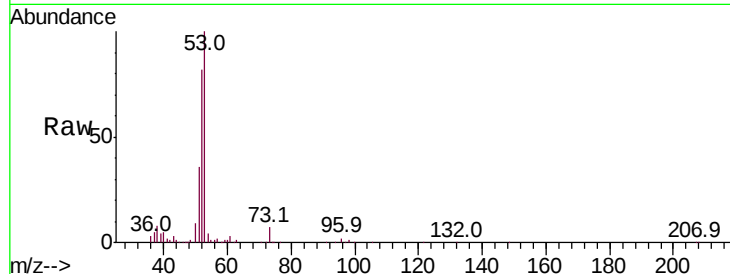
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	136956
Ion	Ratio	Lower	Upper
53	100		
52	82.6	67.2	100.8
51	38.6	31.8	47.6

Manual Integrations
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3/11/2019 2:53:18 PM



#16

Acetone

Concen: 248.671 ug/l

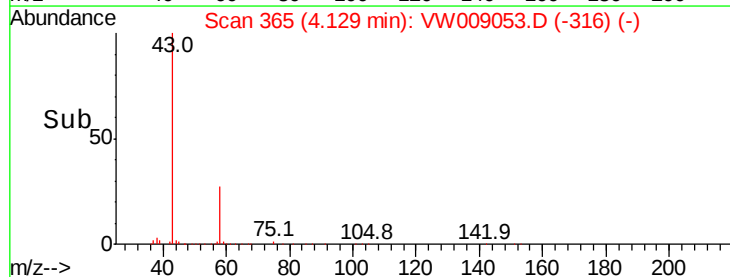
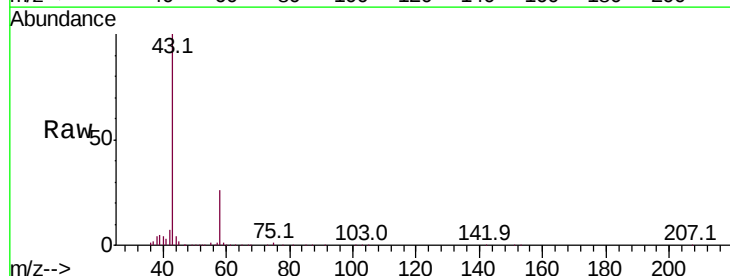
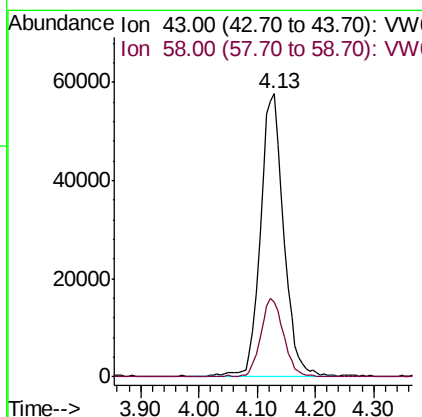
RT: 4.13 min Scan# 365

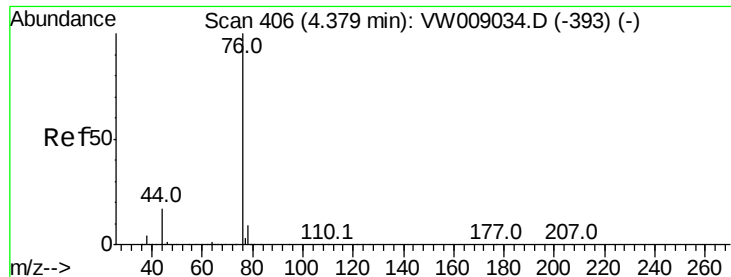
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion:	43	Resp:	161709
Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.5	33.7





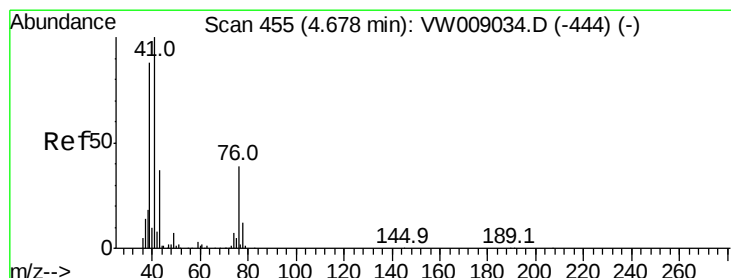
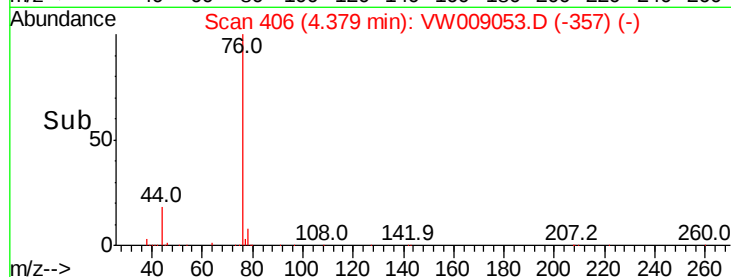
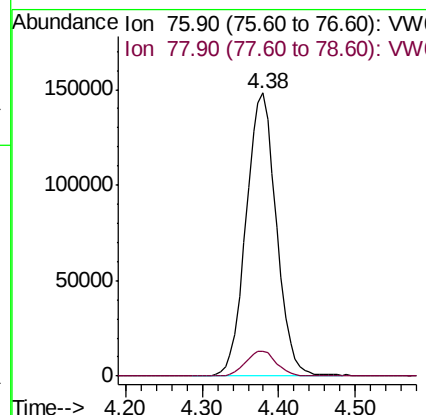
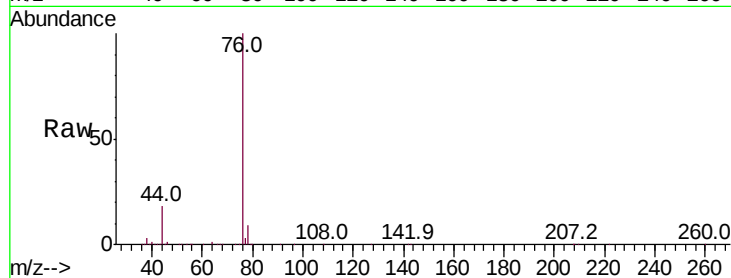
#17
Carbon Disulfide
Concen: 47.041 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

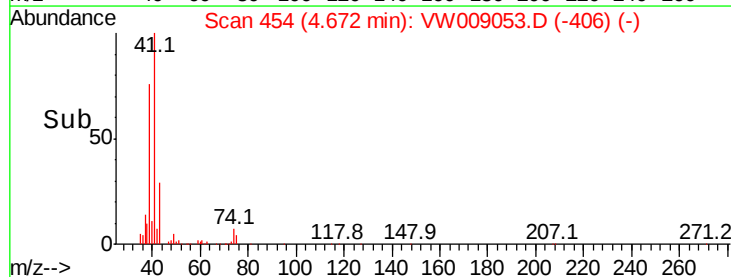
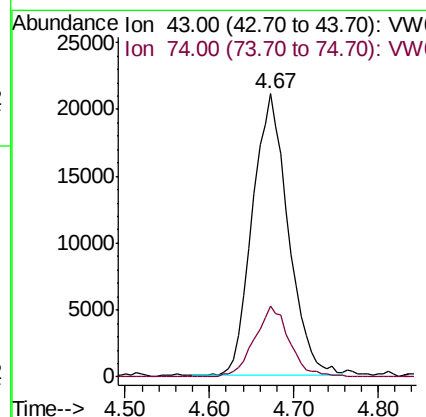
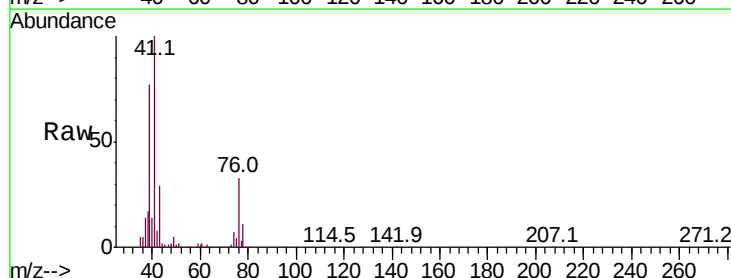
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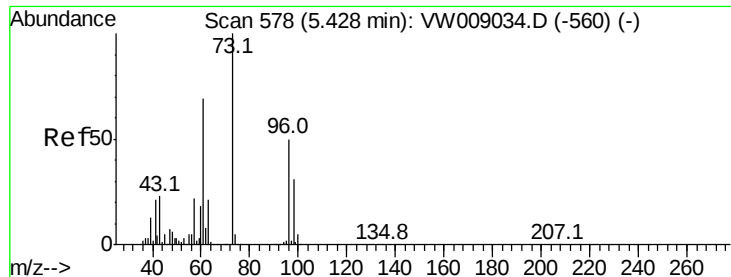
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3/11/2019 2:53:18 PM



#18
Methyl Acetate
Concen: 40.755 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	17.6	26.4





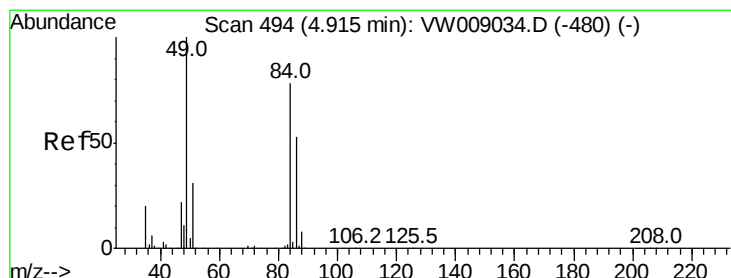
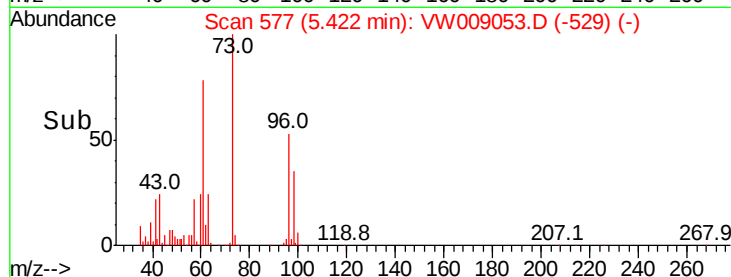
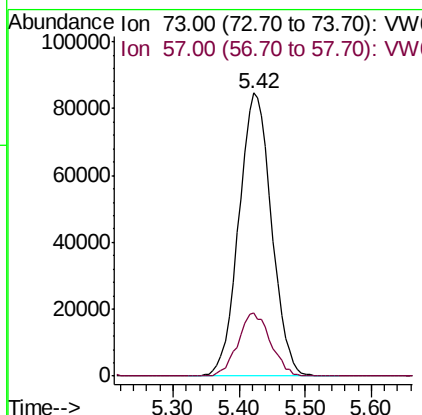
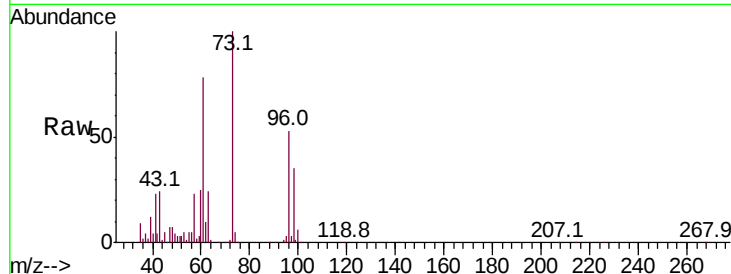
#19
Methvl tert-butvl Ether
Concen: 42.642 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.3	25.9

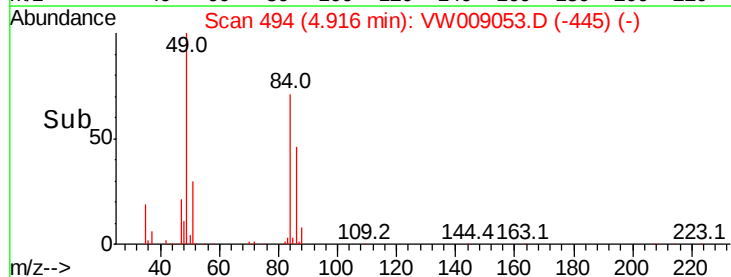
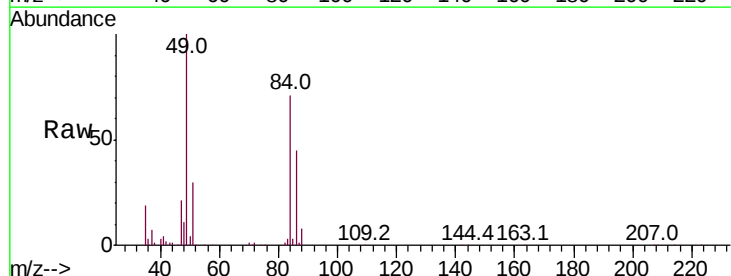
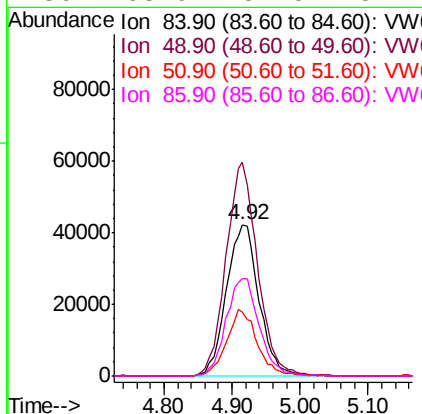
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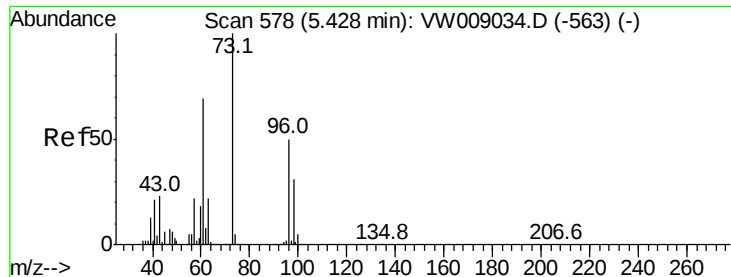
MMDadoda
3/11/2019 2:53:18 PM



#20
Methylene Chloride
Concen: 45.187 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.6	102.4	153.6
51	41.9	31.6	47.4
86	63.9	54.5	81.7





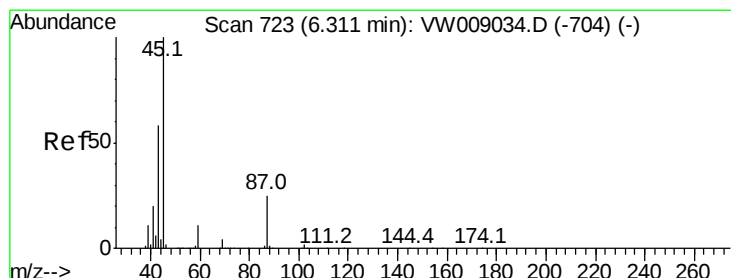
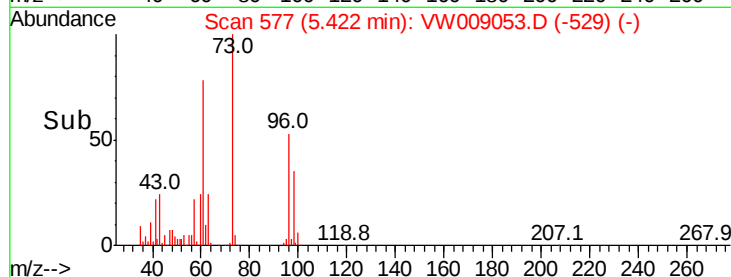
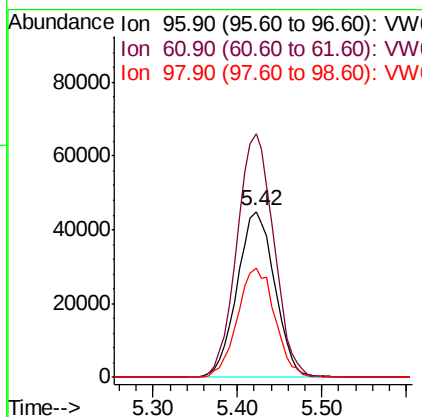
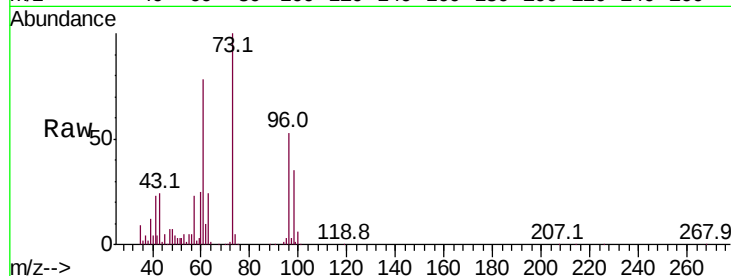
#21
trans-1,2-Dichloroethene
Concen: 45.598 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.9	111.0	166.6
98	65.7	49.4	74.0

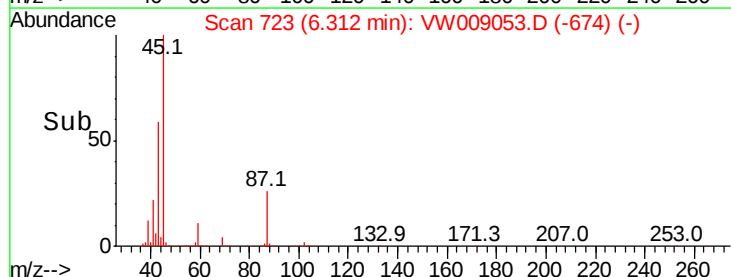
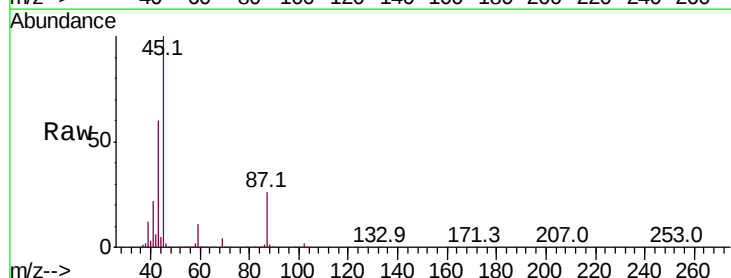
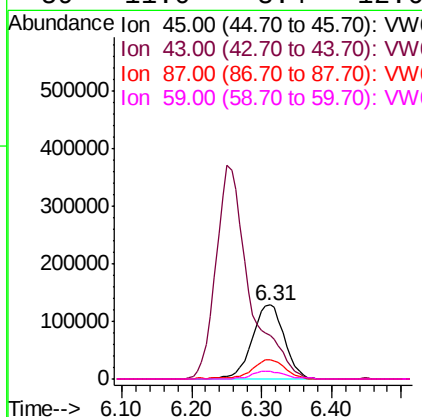
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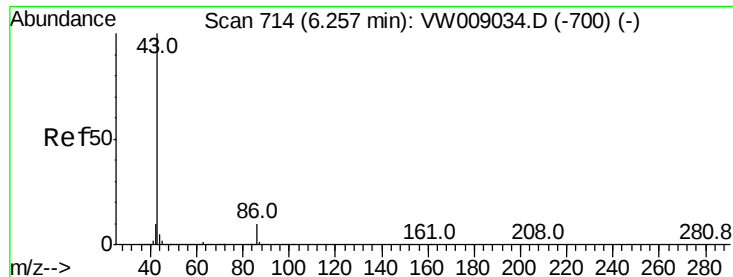
MMDadoda
3/11/2019 2:53:18 PM



#22
Diisopropyl ether
Concen: 45.813 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	46.2	69.4
87	25.7	20.1	30.1
59	11.0	8.4	12.6





#23

Vinyl Acetate

Concen: 218.407 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1226448

Ion Ratio Lower Upper

43 100

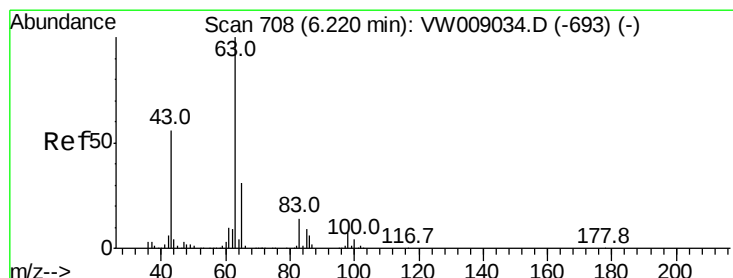
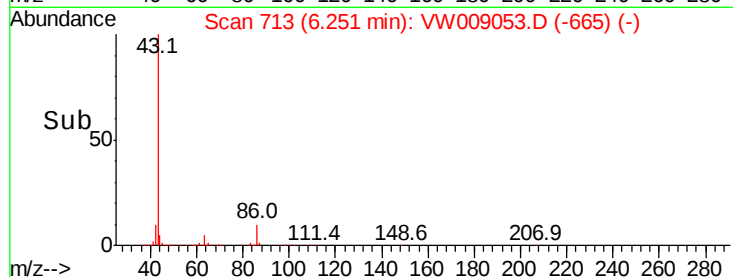
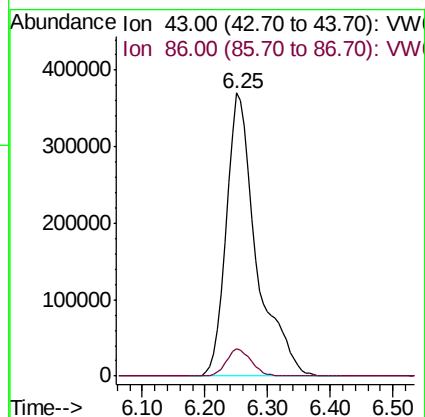
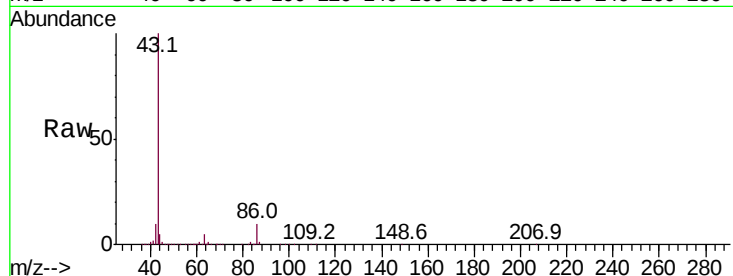
86 9.9 7.6 11.4

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3/11/2019 2:53:18 PM



#24

1,1-Dichloroethane

Concen: 46.238 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

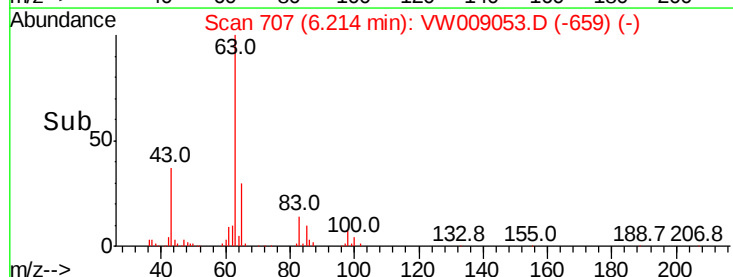
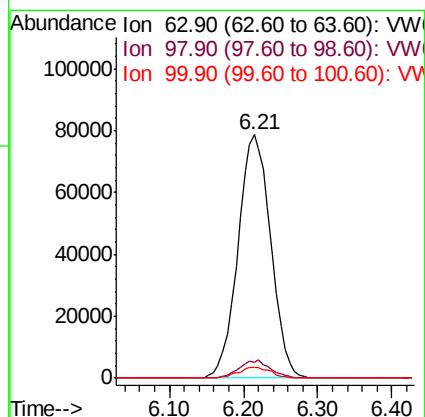
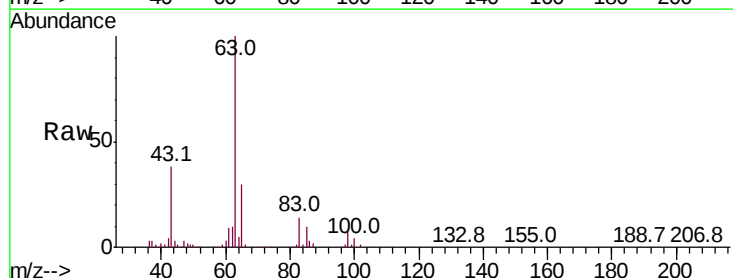
Tgt Ion: 63 Resp: 242010

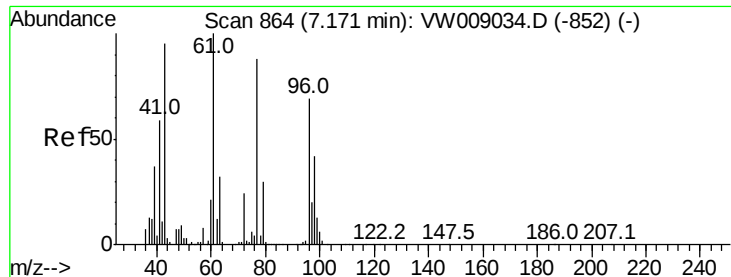
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 212.880 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 191319

Ion Ratio Lower Upper

43 100

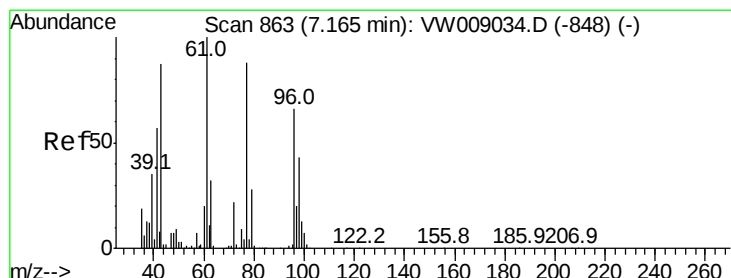
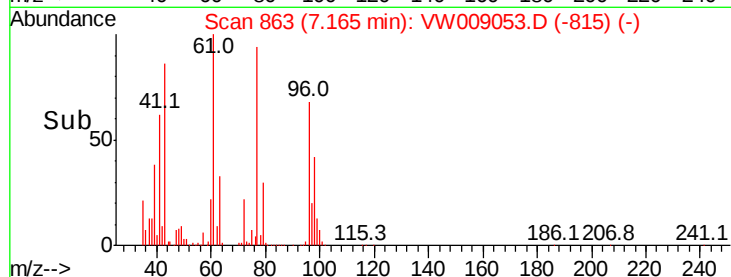
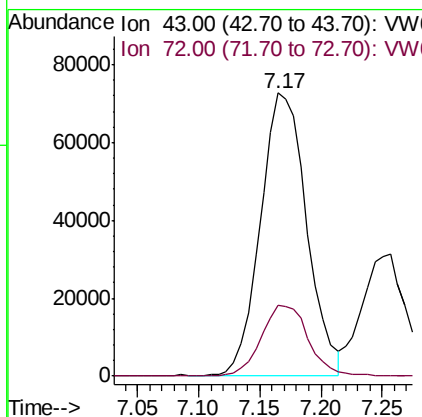
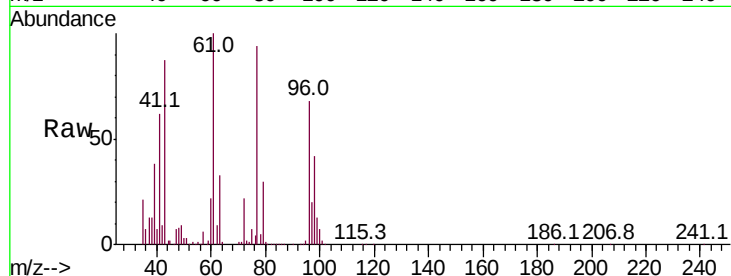
72 25.0 20.0 30.0

Manual Integrations

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3/11/2019 2:53:18 PM



#26

2,2-Dichloropropane

Concen: 49.065 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009053.D

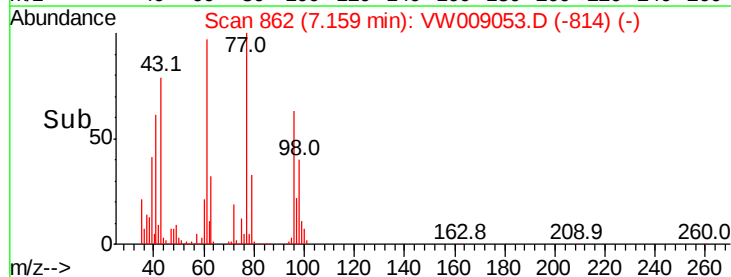
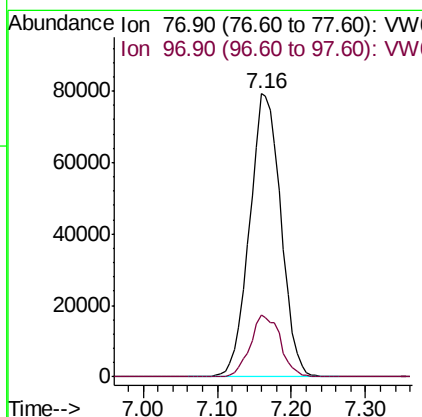
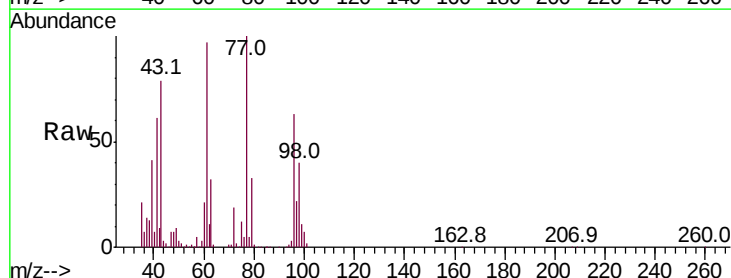
Acq: 08 Mar 2019 14:15

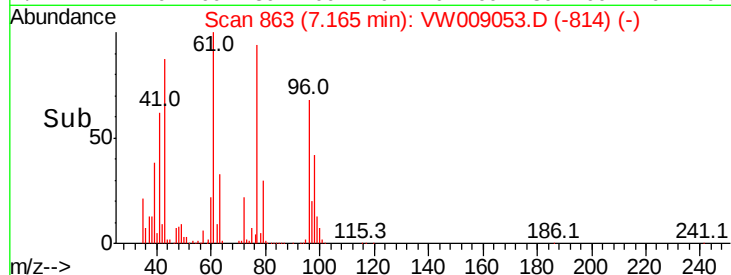
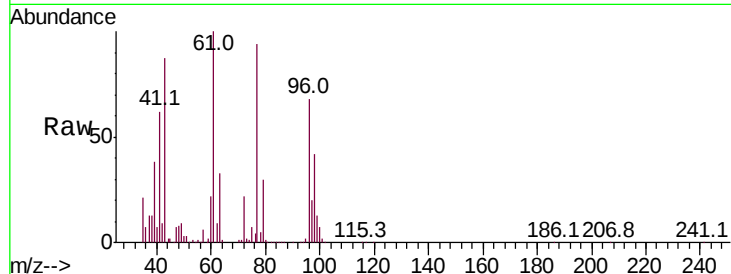
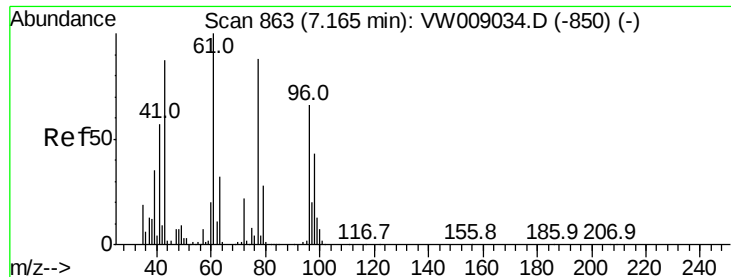
Tgt Ion: 77 Resp: 233430

Ion Ratio Lower Upper

77 100

97 21.0 10.9 32.9





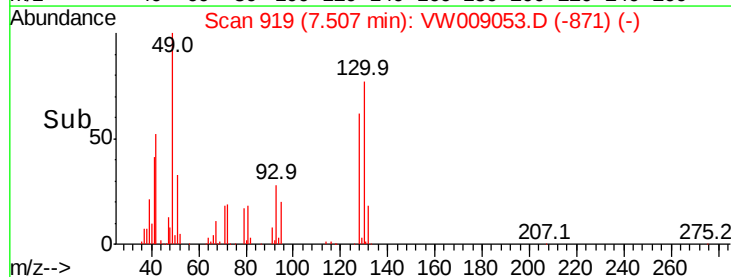
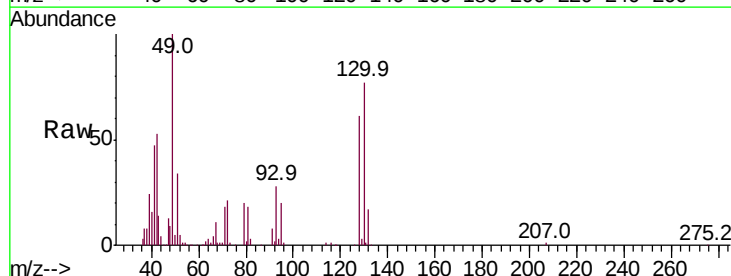
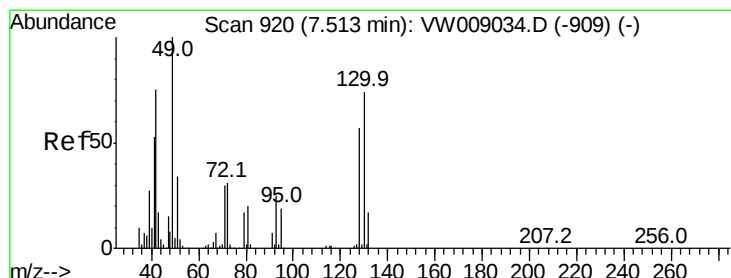
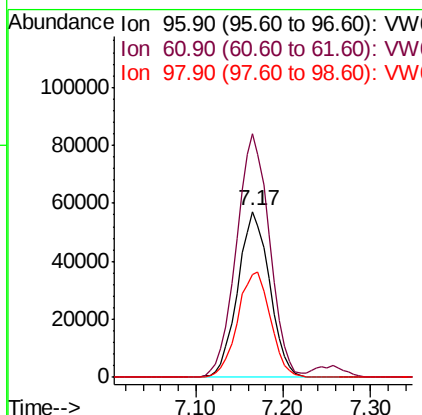
#27
 cis-1,2-Dichloroethene
 Concen: 45.462 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.4	0.0	299.8	
98	65.2	0.0	127.2	

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

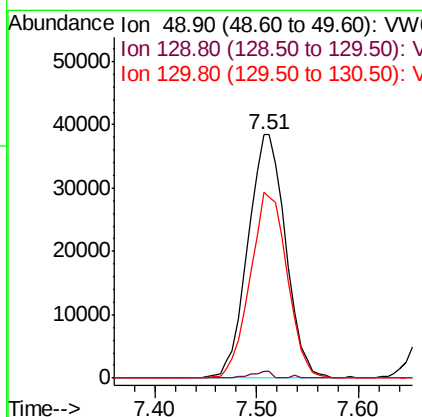
Manual Integrations
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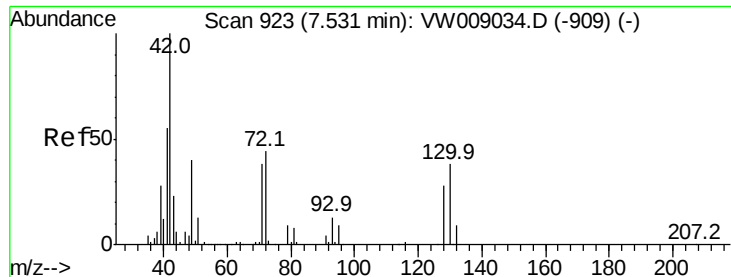
MMDadoda
 3/11/2019 2:53:18 PM



#28
 Bromochloromethane
 Concen: 45.401 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	4.6	
130	75.1	60.4	90.6	





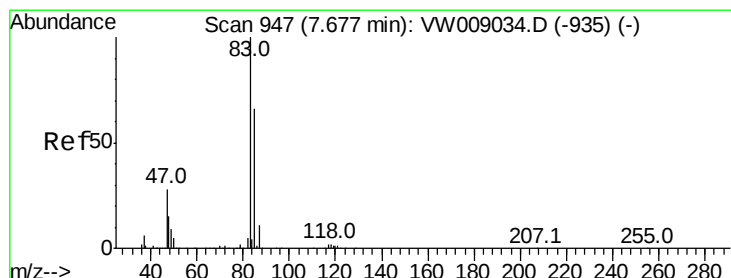
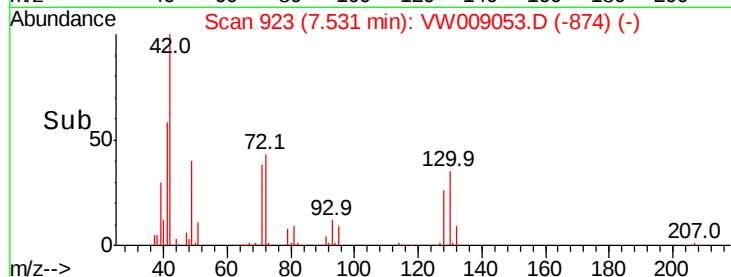
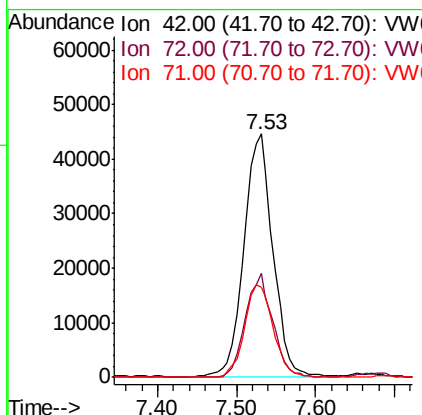
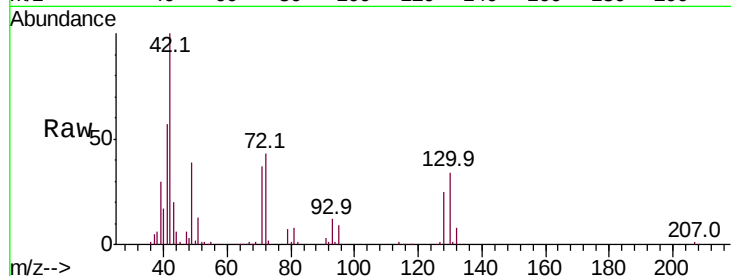
#29
Tetrahydrofuran
Concen: 202.771 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.2	48.4
71	37.6	30.7	46.1

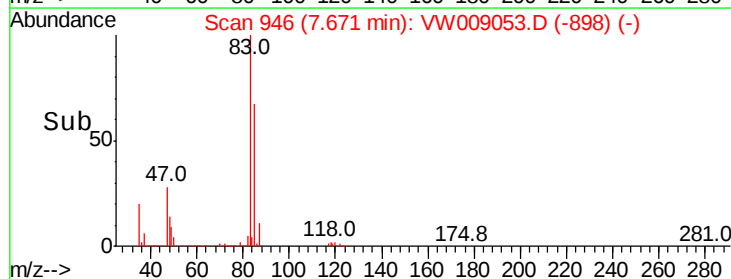
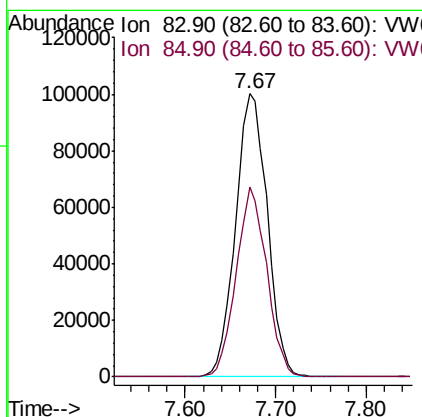
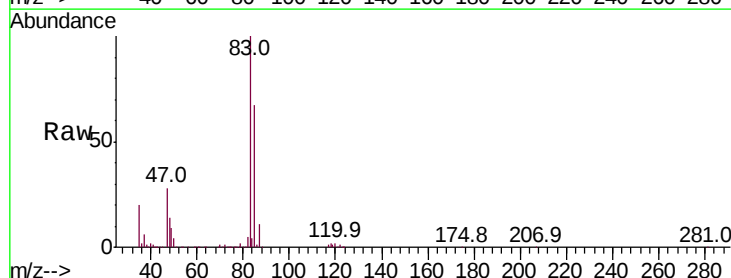
Manual Integrations
APPROVED

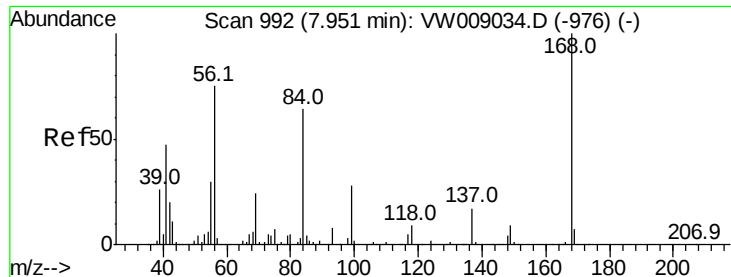
MMDadoda
3/11/2019 2:53:18 PM



#30
Chloroform
Concen: 45.187 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.0	79.6





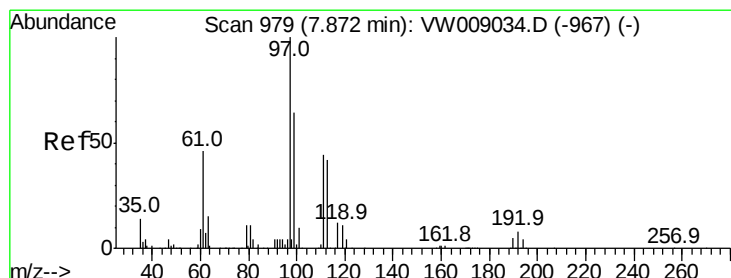
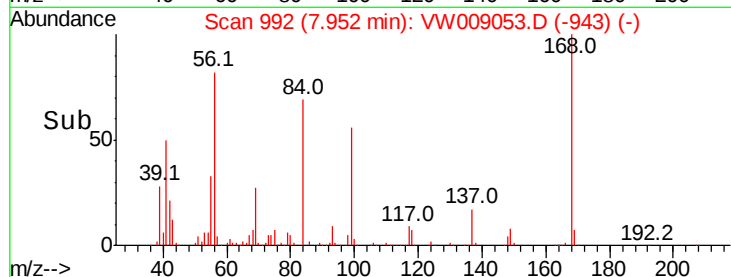
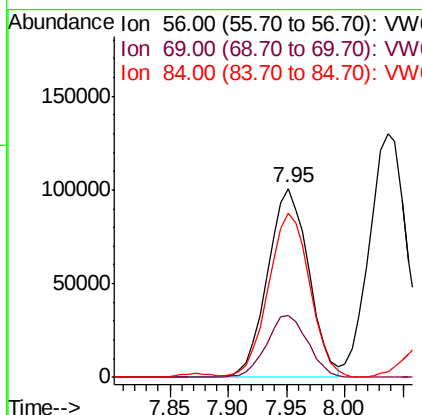
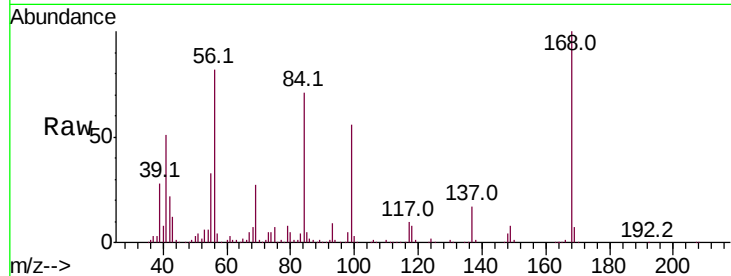
#31
Cyclohexane
Concen: 45.755 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.5	38.3
84	85.2	68.6	103.0

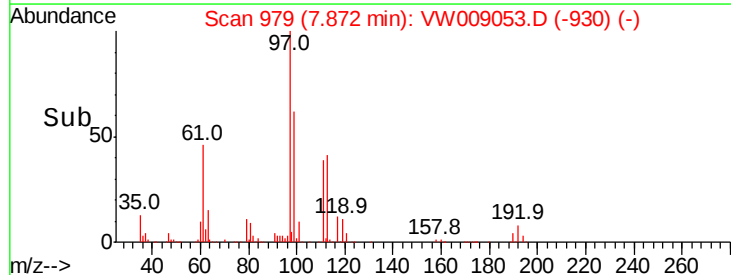
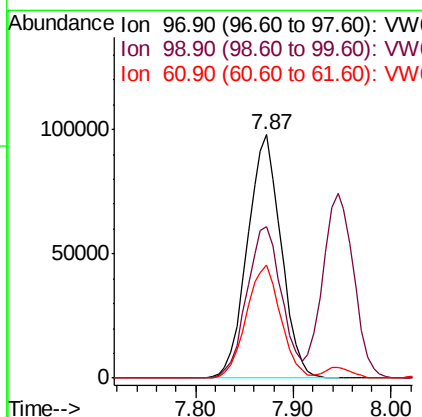
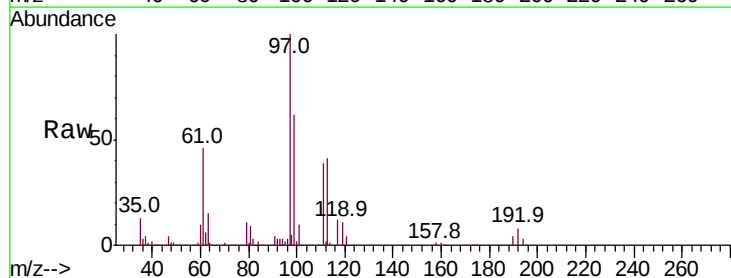
Manual Integrations
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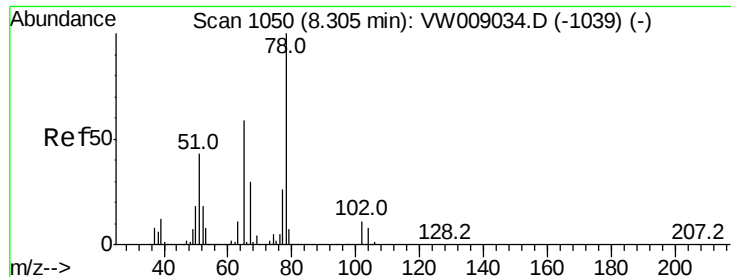
MMDadoda
3/11/2019 2:53:18 PM



#32
1,1,1-Trichloroethane
Concen: 47.226 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	47.2	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 44.584 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 128481

Ion Ratio Lower Upper

65 100

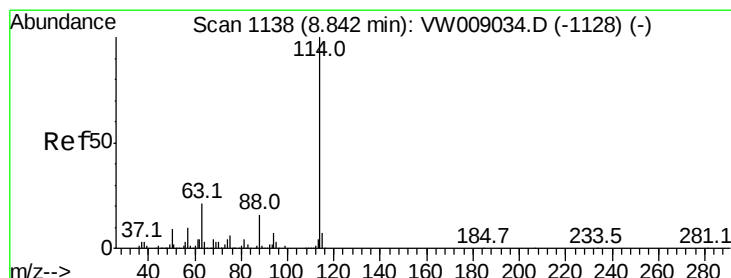
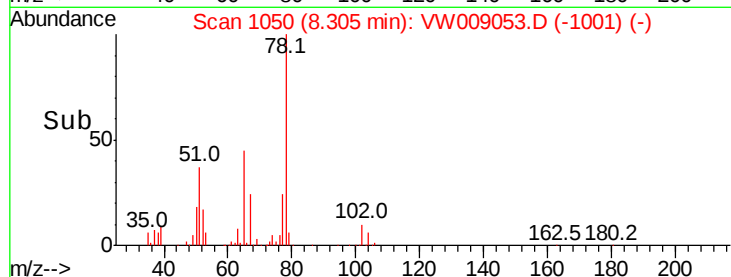
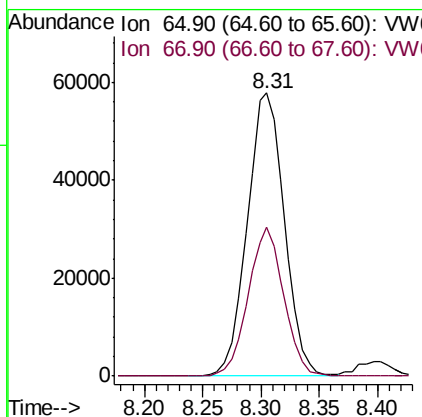
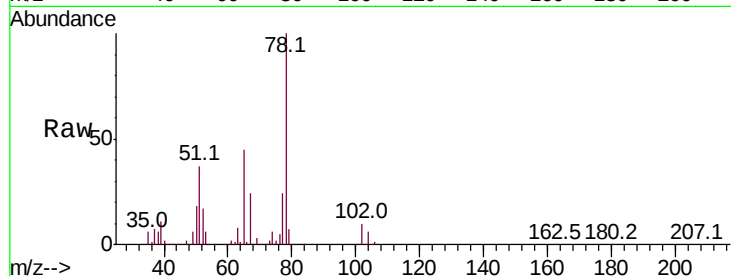
67 50.5 0.0 103.0

Manual Integrations

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3/11/2019 2:53:18 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

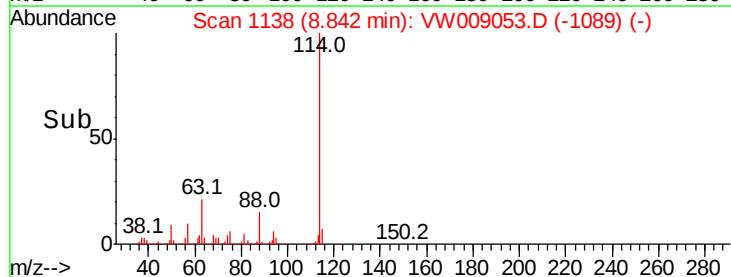
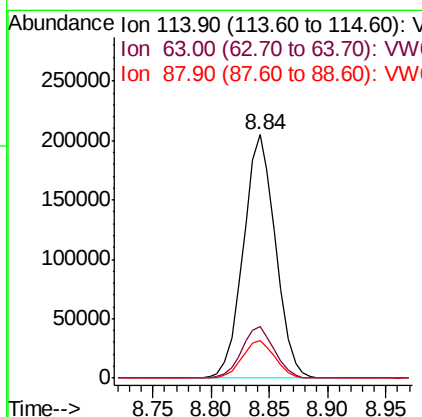
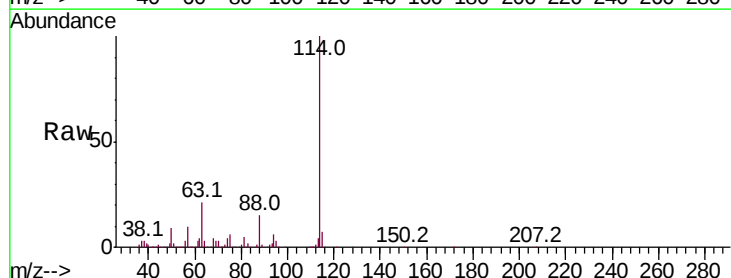
Tgt Ion: 114 Resp: 393191

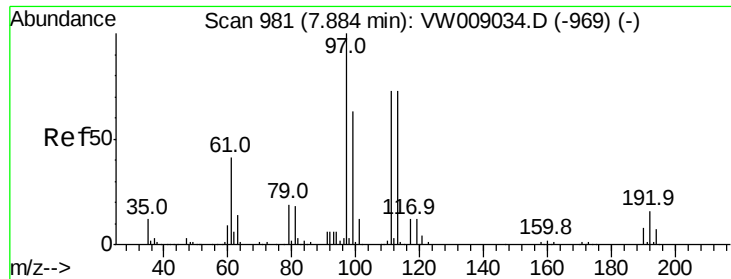
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.2

88 15.5 0.0 31.2





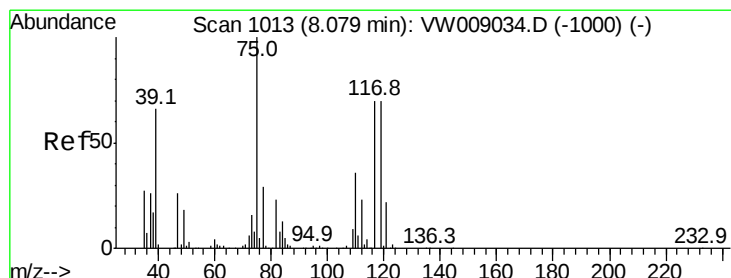
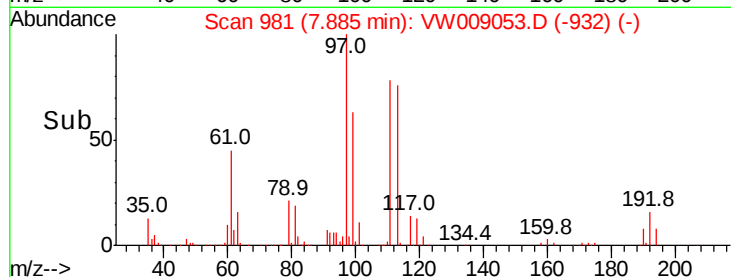
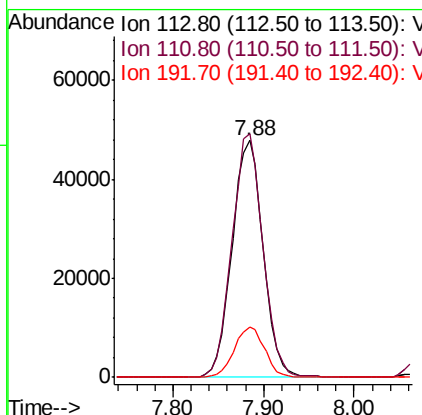
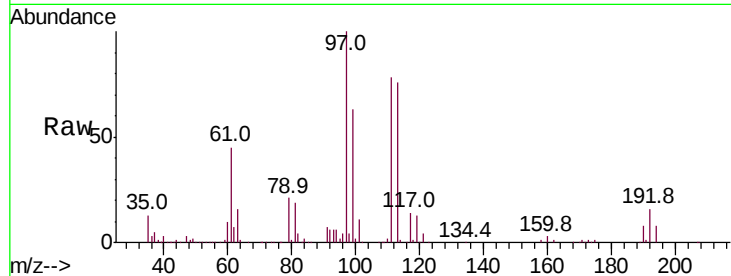
#35
 Dibromofluoromethane
 Concen: 48.065 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.3	81.0	121.4	
192	20.8	17.1	25.7	

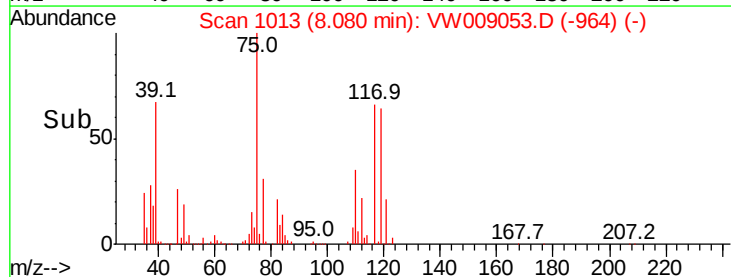
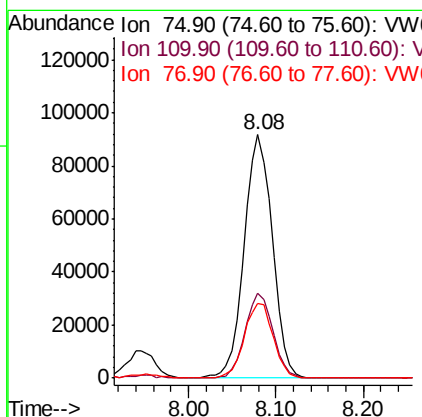
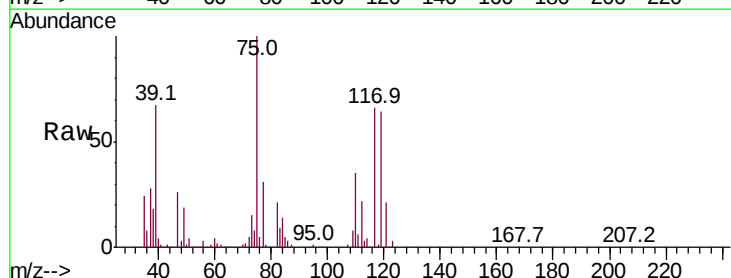
Manual Integrations
 APPROVED

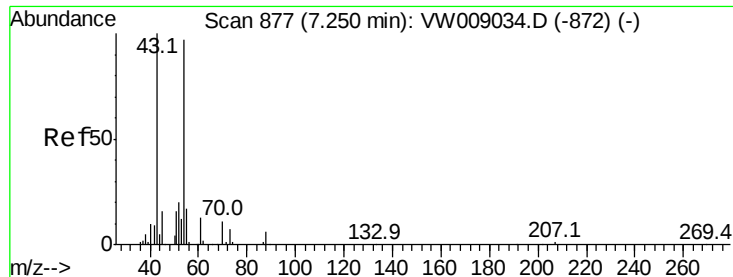
MMDadoda
 3/11/2019 2:53:18 PM



#36
 1,1-Dichloropropene
 Concen: 50.096 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.1	17.6	52.9	
77	31.4	25.1	37.7	





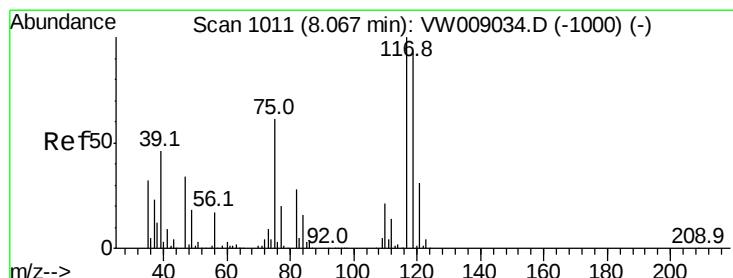
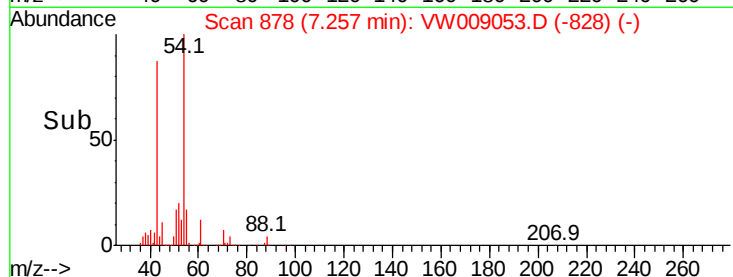
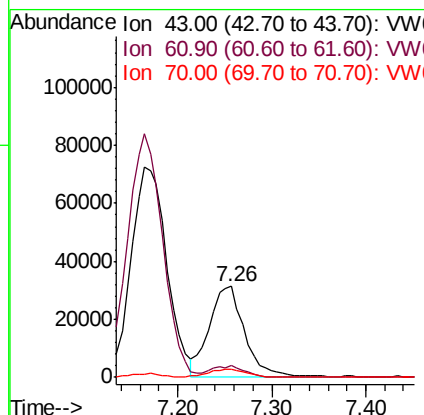
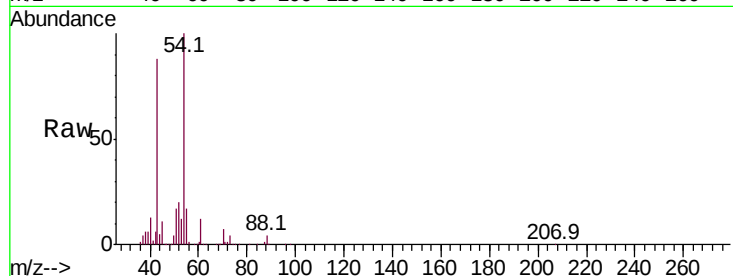
#37
Ethyl Acetate
Concen: 41.962 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.8	14.6
70	9.3	7.2	10.8

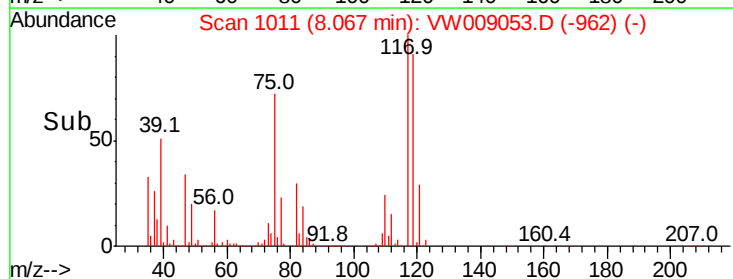
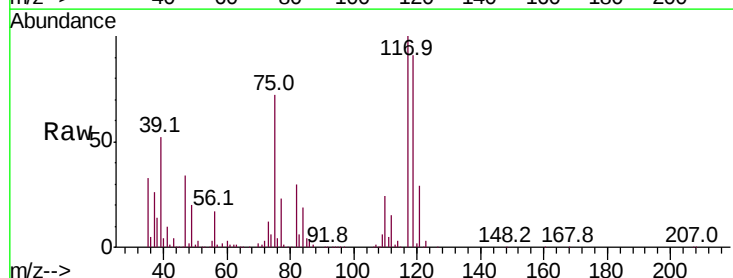
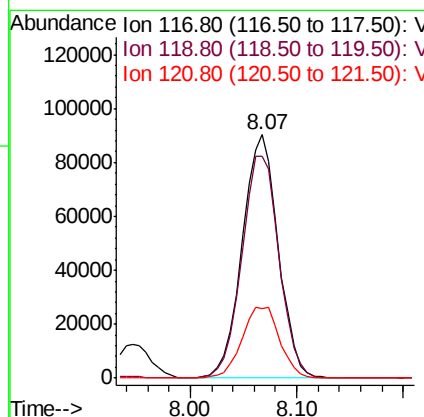
Manual Integrations
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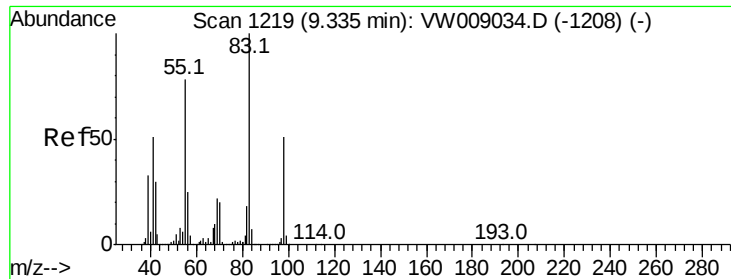
MMDadoda
3/11/2019 2:53:18 PM



#38
Carbon Tetrachloride
Concen: 50.410 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	74.6	112.0
121	28.7	24.7	37.1





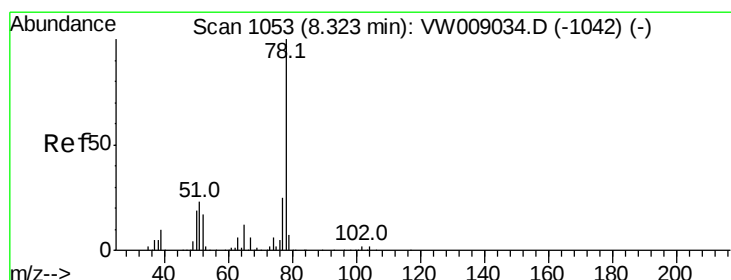
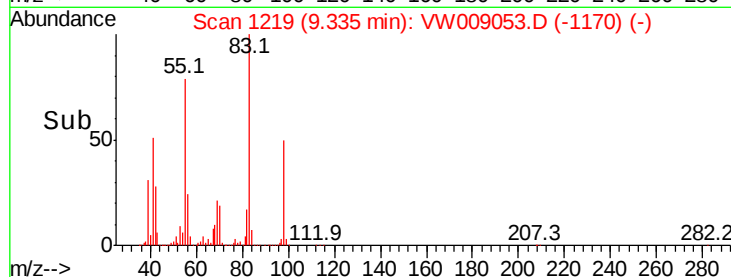
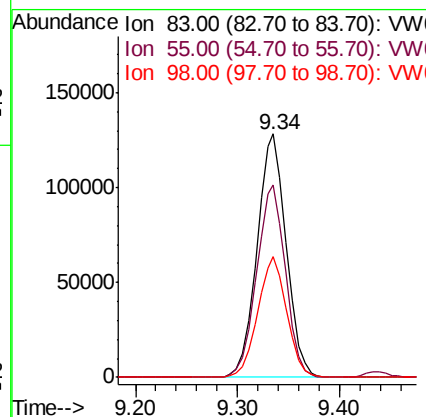
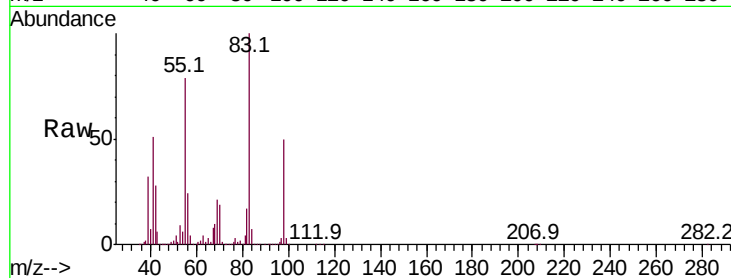
#39
Methvlcvclohexane
Concen: 51.899 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	254143
Ion Ratio	Lower	Upper	
83	100		
55	78.9	62.7	94.1
98	49.8	40.8	61.2

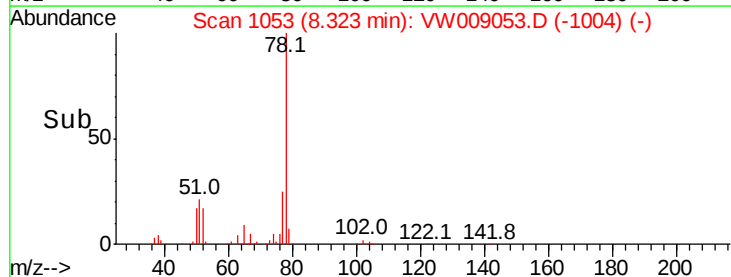
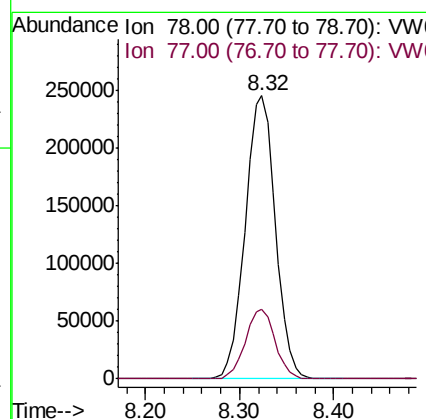
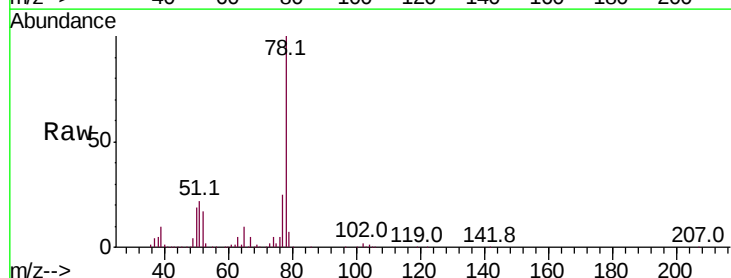
Manual Integrations
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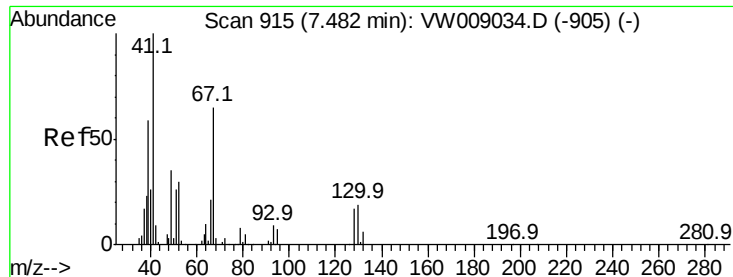
MMDadoda
3/11/2019 2:53:18 PM



#40
Benzene
Concen: 50.102 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	78	Resp	549861
Ion Ratio	Lower	Upper	
78	100		
77	24.6	20.2	30.4





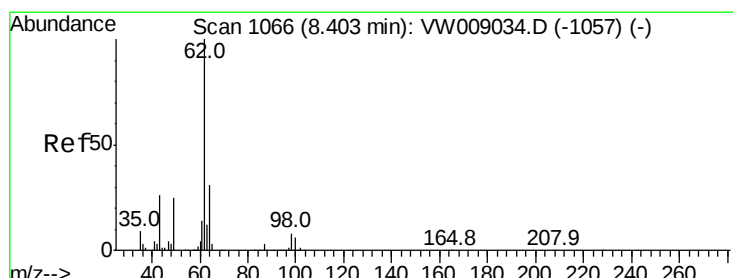
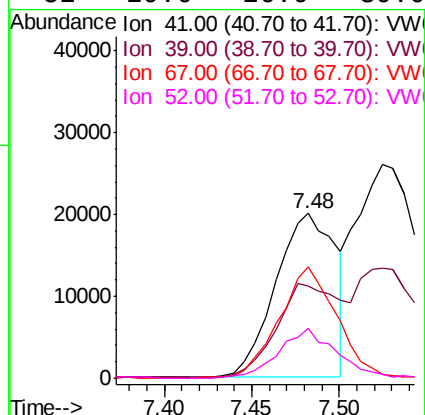
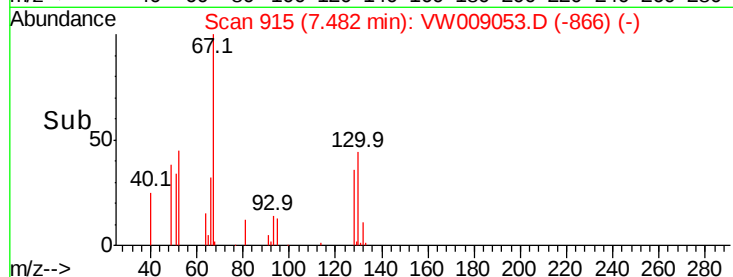
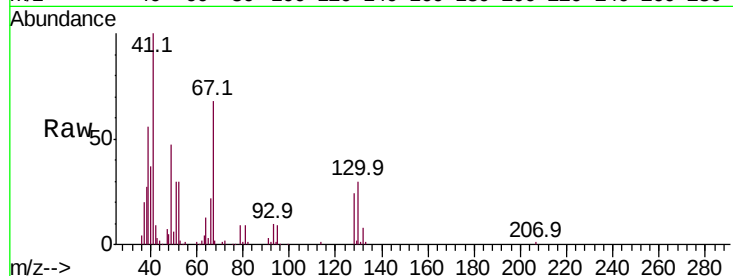
#41
Methacrylonitrile
Concen: 44.682 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	47916
Ion	Ratio	Lower	Upper
41	100		
39	63.4	53.6	80.4
67	66.0	57.6	86.4
52	29.6	26.0	39.0

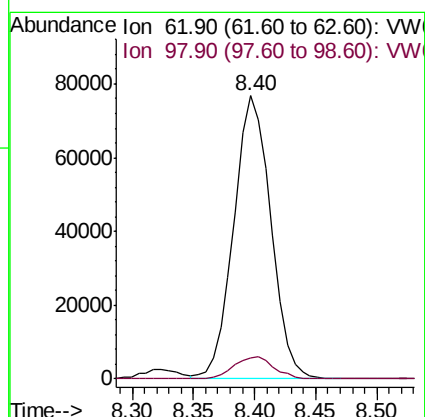
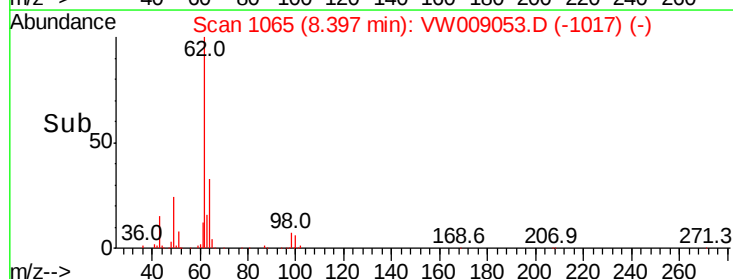
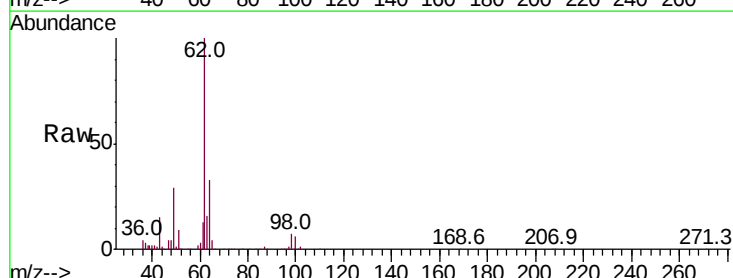
Manual Integrations
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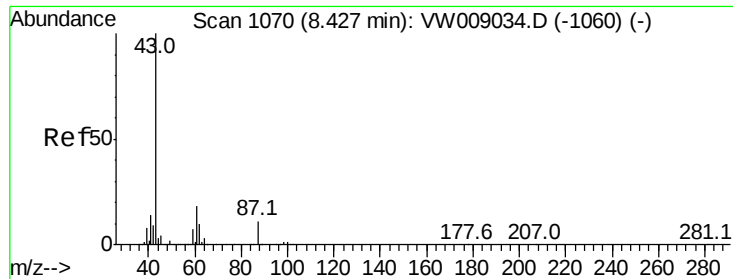
MMDadoda
3/11/2019 2:53:18 PM



#42
1,2-Dichloroethane
Concen: 45.553 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	62	Resp	161398
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 43.457 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

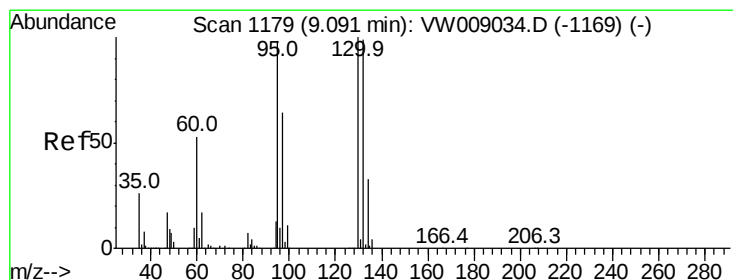
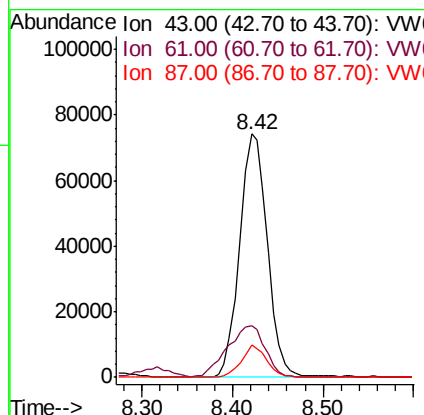
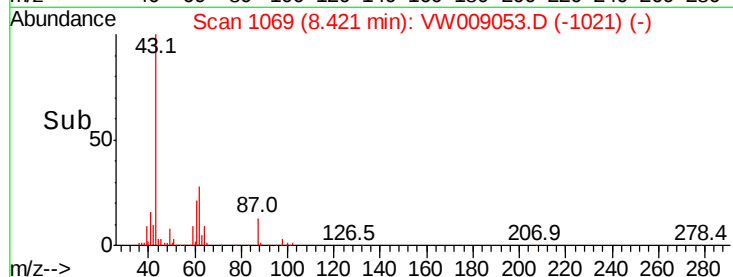
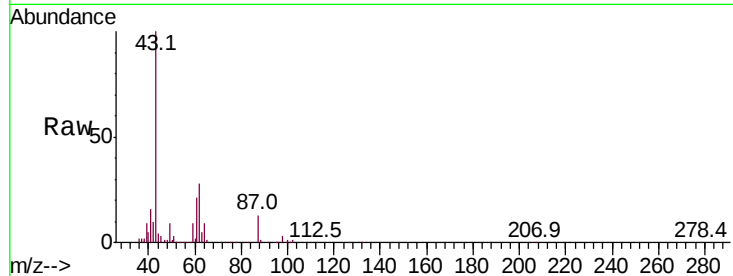
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	156299
Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.8	34.2
87	12.0	9.4	14.2

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#44

Trichloroethene

Concen: 48.045 ug/l

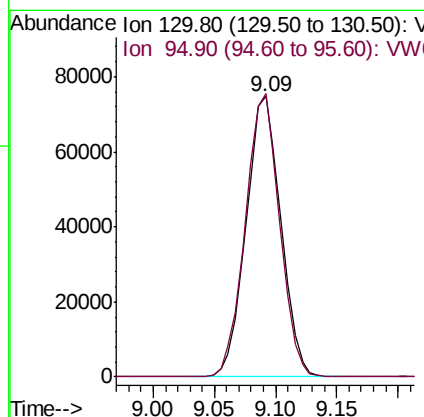
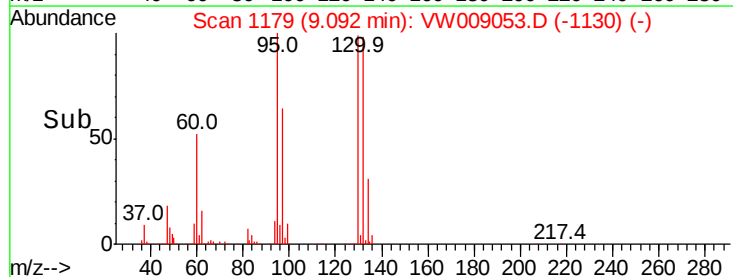
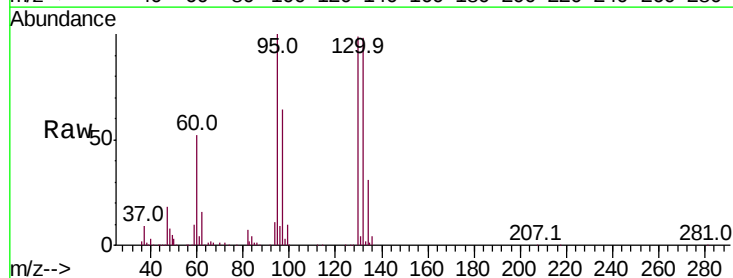
RT: 9.09 min Scan# 1179

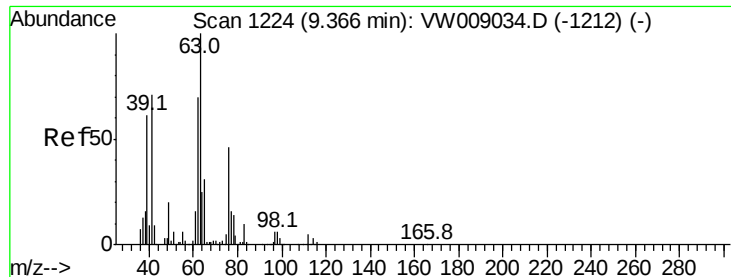
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion:	130	Resp:	147786
Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	197.0





#45

1,2-Dichloropropane

Concen: 48.036 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 132038

Ion Ratio Lower Upper

63 100

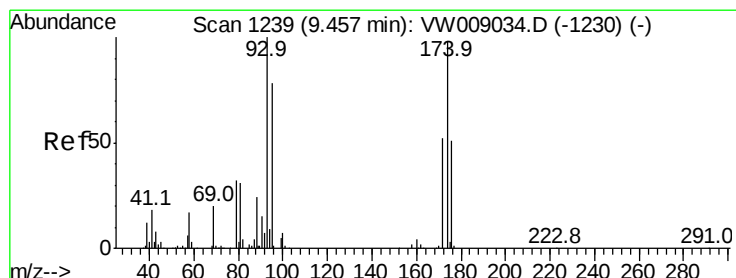
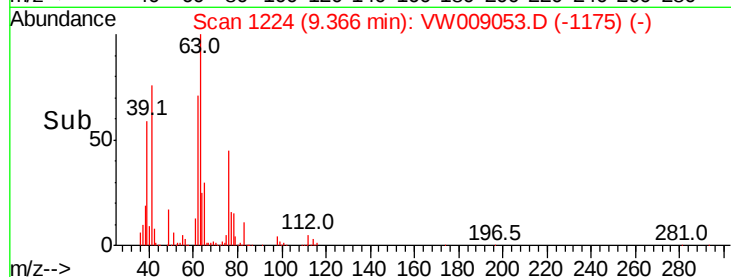
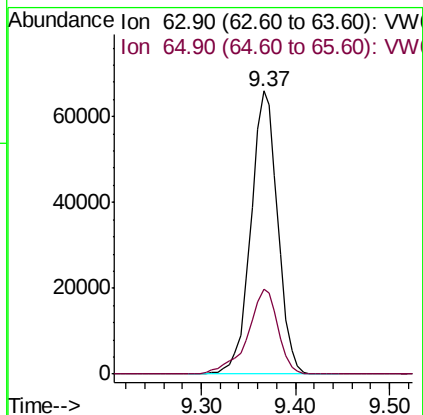
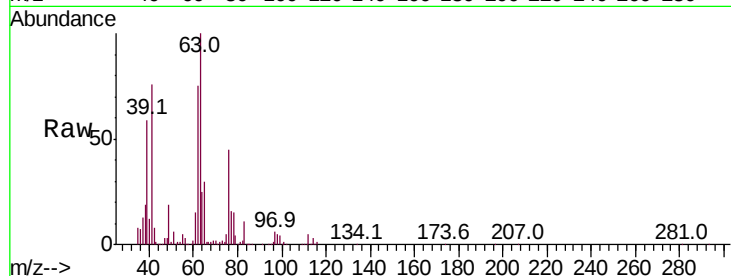
65 30.2 24.9 37.3

Manual Integrations

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3/11/2019 2:53:18 PM



#46

Dibromomethane

Concen: 46.005 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

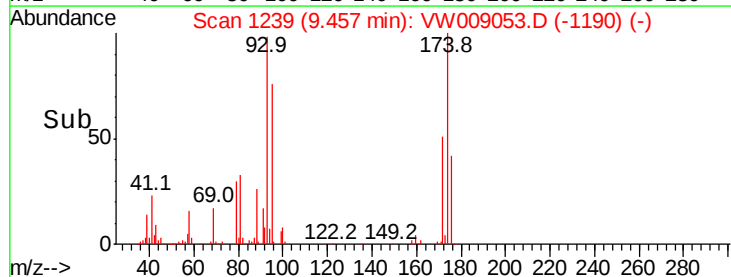
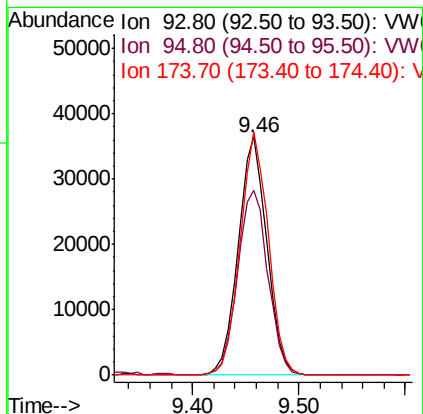
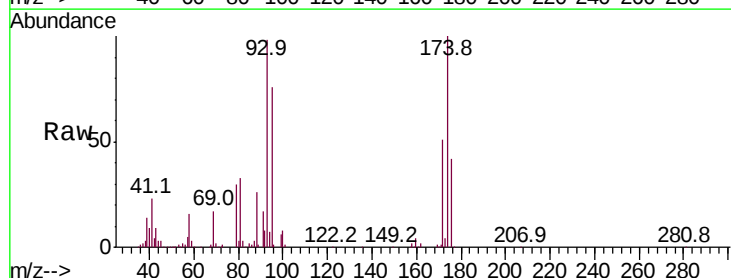
Tgt Ion: 93 Resp: 69062

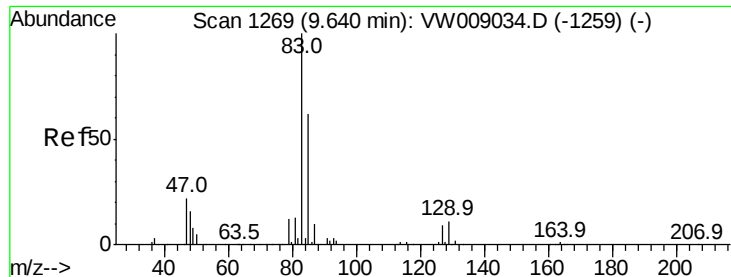
Ion Ratio Lower Upper

93 100

95 81.9 65.0 97.6

174 100.5 81.8 122.6





#47

Bromodichloromethane

Concen: 48.036 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

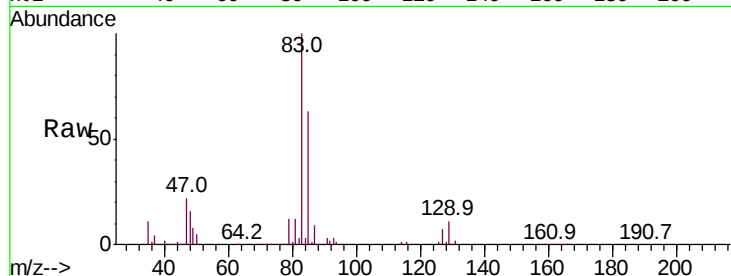
ClientSampleId :

VSTDCCC050

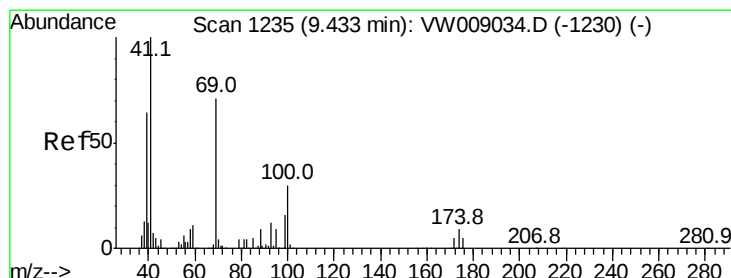
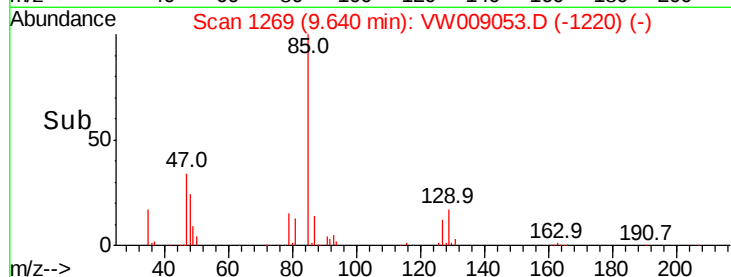
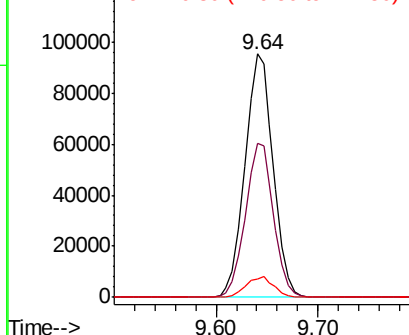
Tot Ion:	83	Resp:	182541
Ion Ratio	Lower	Upper	
83	100		
85	63.2	49.9	74.9
127	7.4	7.1	10.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.550 ug/l

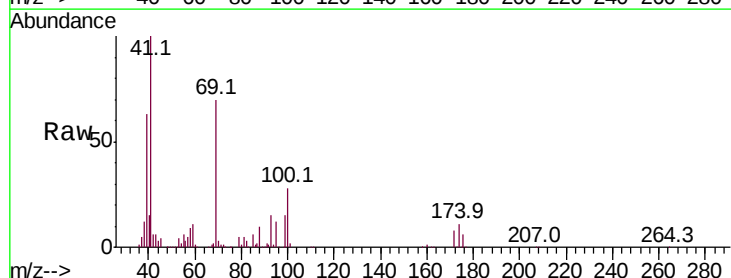
RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

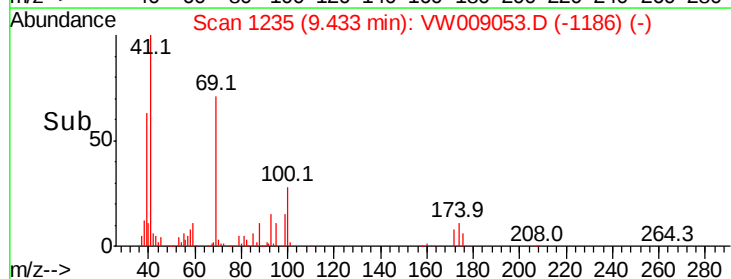
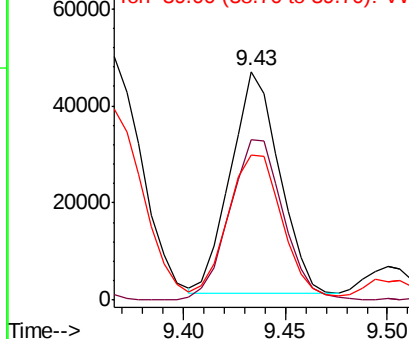
Lab File: VW009053.D

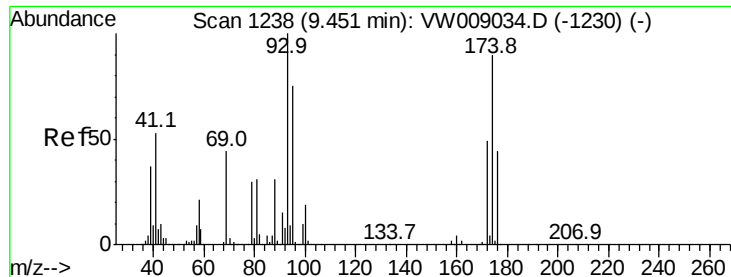
Acq: 08 Mar 2019 14:15

Tgt Ion:	41	Resp:	76284
Ion Ratio	Lower	Upper	
41	100		
69	79.3	59.1	88.7
39	68.5	48.9	73.3



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





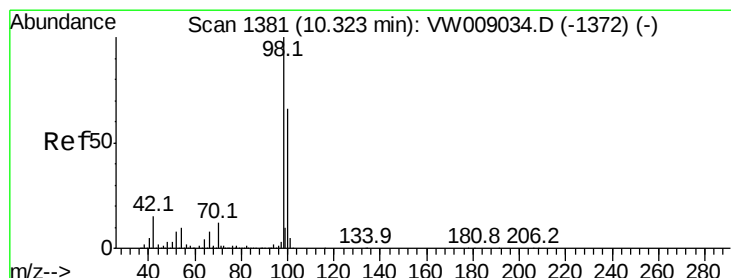
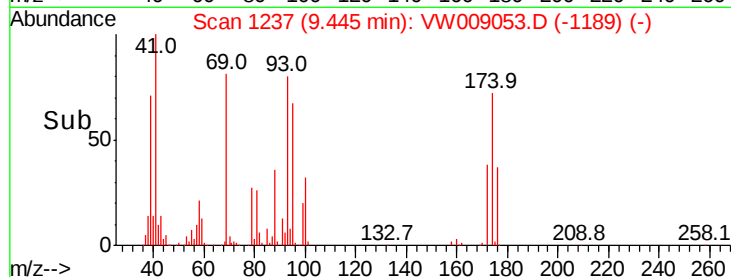
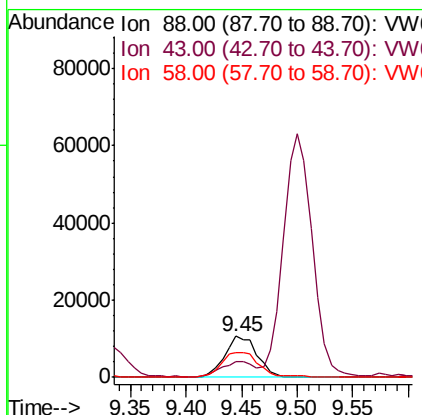
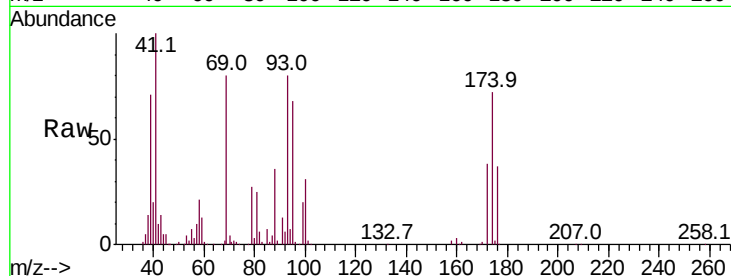
#49
1,4-Dioxane
Concen: 1001.554 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	21530
Ion Ratio	Lower	Upper	
88	100		
43	37.6	29.0	43.4
58	71.3	59.2	88.8

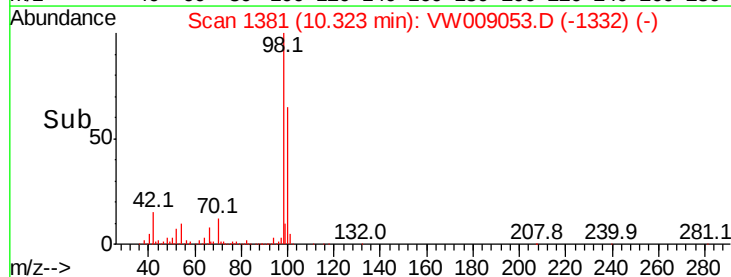
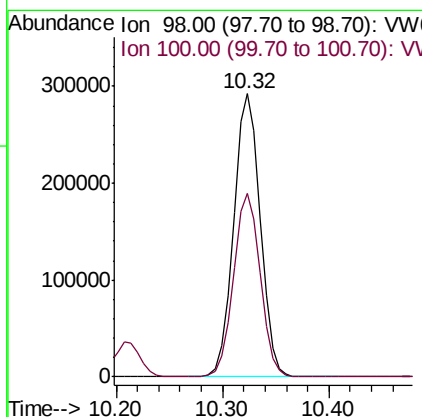
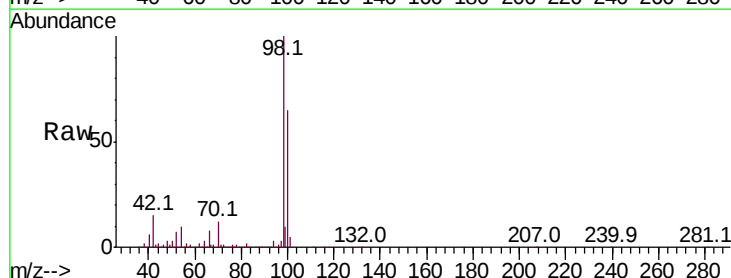
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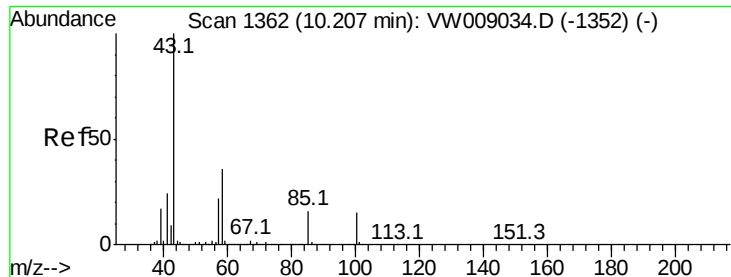
MMDadoda
3/11/2019 2:53:18 PM



#50
Toluene-d8
Concen: 52.589 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	98	Resp	511329
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 225.239 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 411265

Ion Ratio Lower Upper

43 100

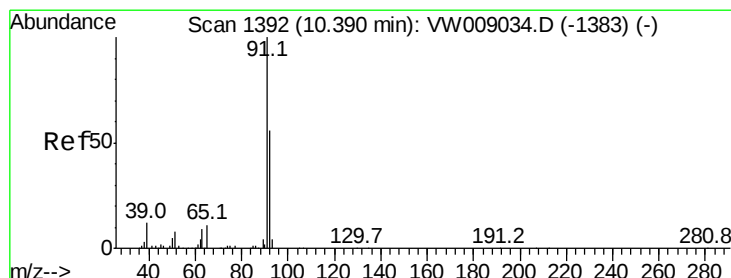
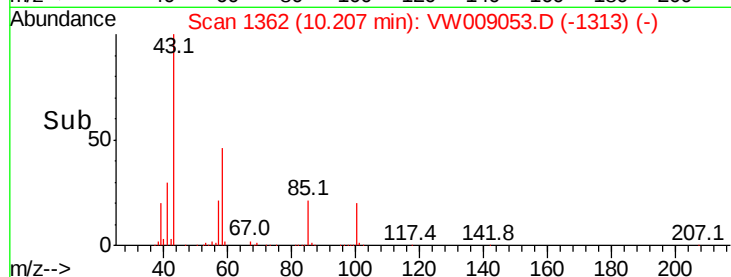
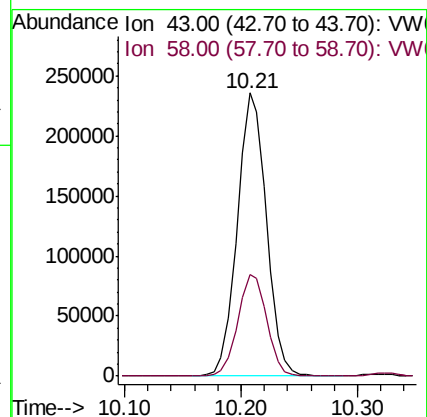
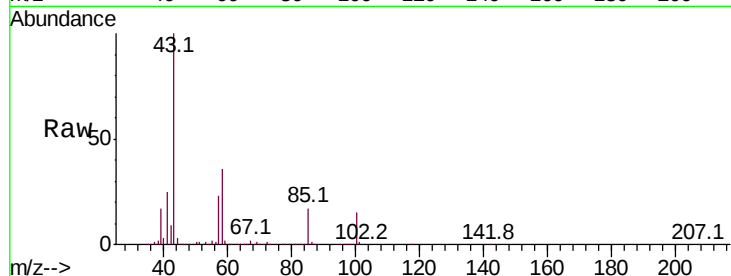
58 35.8 28.8 43.2

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3/11/2019 2:53:18 PM



#52

Toluene

Concen: 51.637 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW009053.D

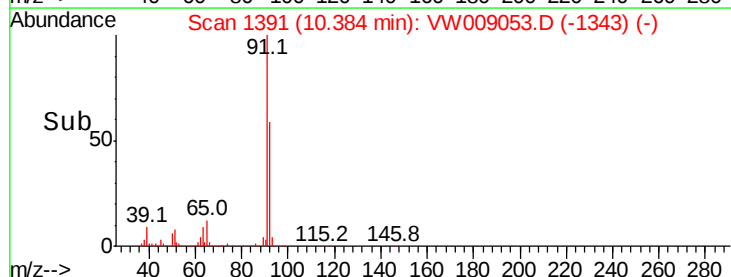
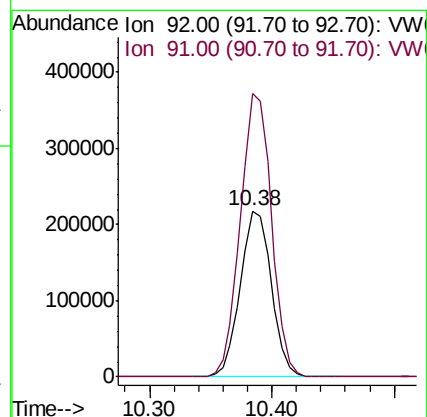
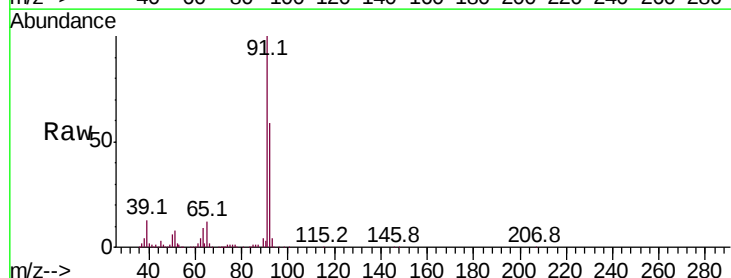
Acq: 08 Mar 2019 14:15

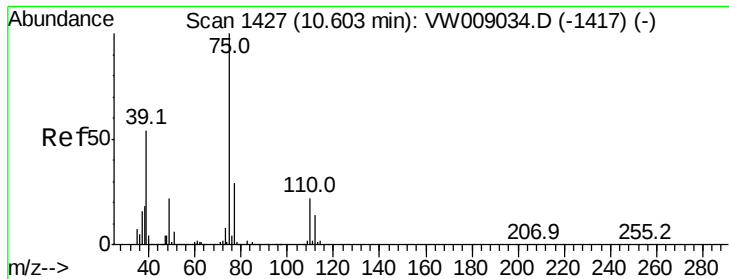
Tgt Ion: 92 Resp: 384330

Ion Ratio Lower Upper

92 100

91 171.2 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 48.045 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 180570

Ion Ratio Lower Upper

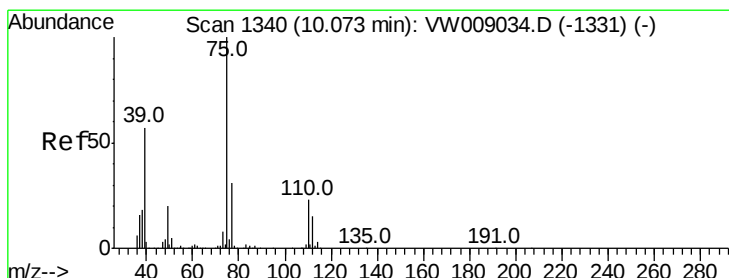
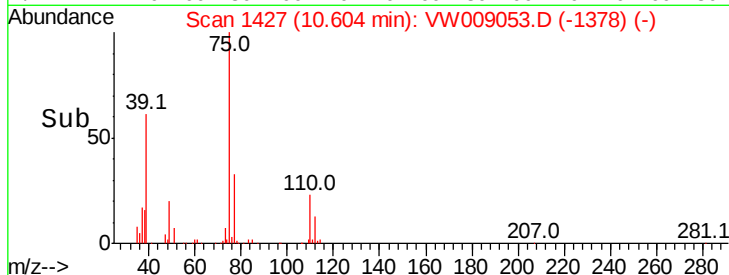
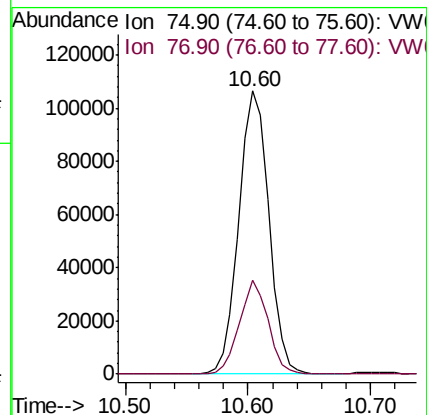
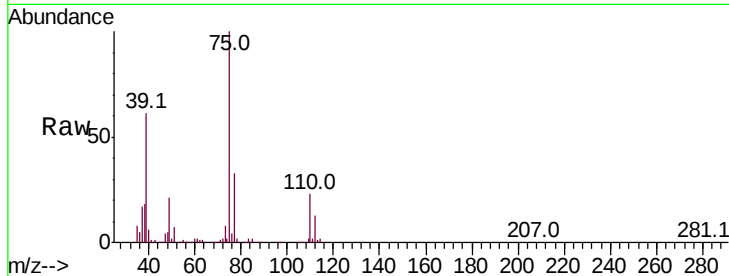
75 100

77 32.8 23.6 35.4

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3/11/2019 2:53:18 PM



#54

cis-1,3-Dichloropropene

Concen: 48.914 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

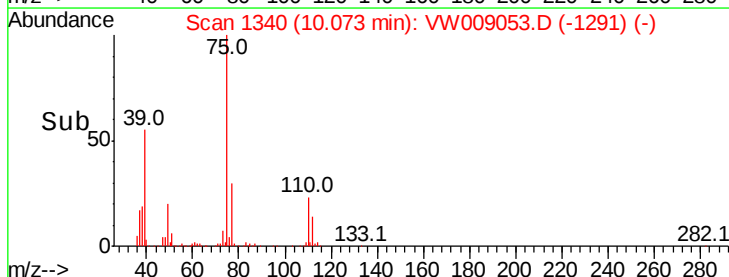
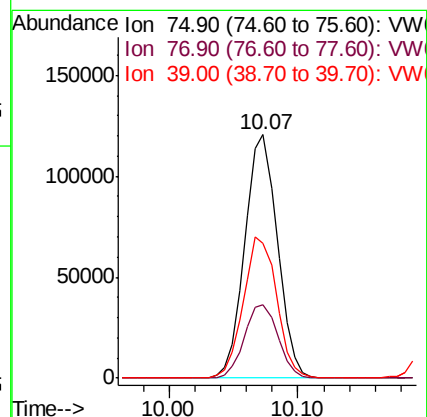
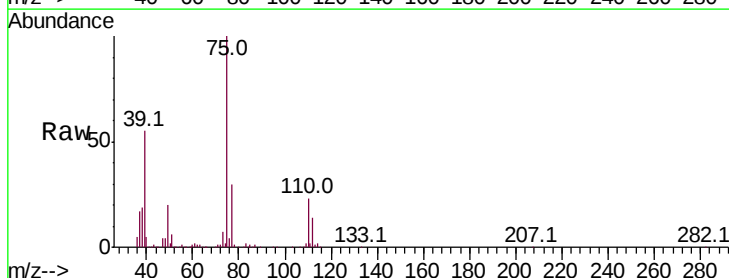
Tgt Ion: 75 Resp: 211261

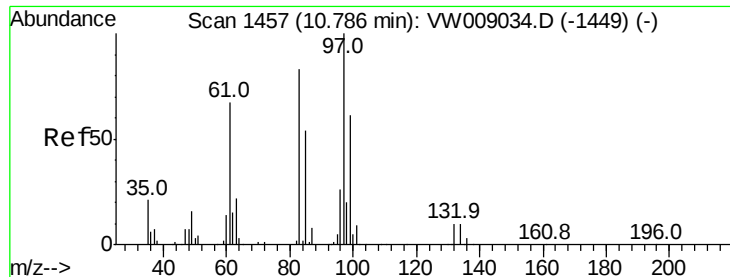
Ion Ratio Lower Upper

75 100

77 30.1 24.6 36.8

39 55.3 45.9 68.9





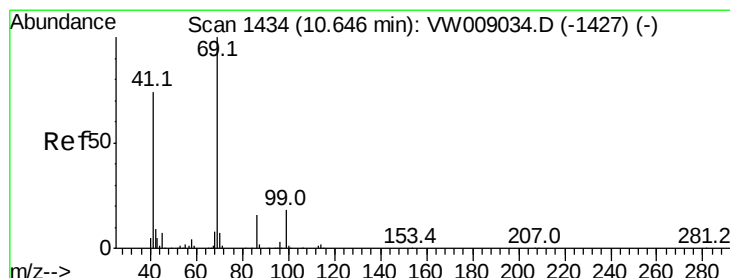
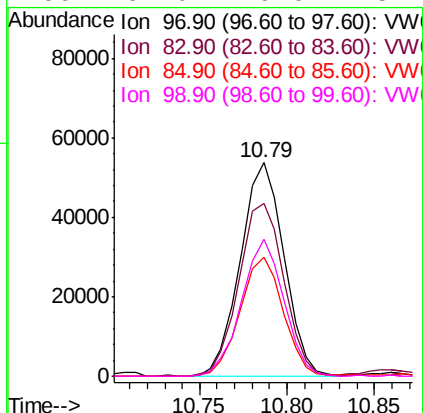
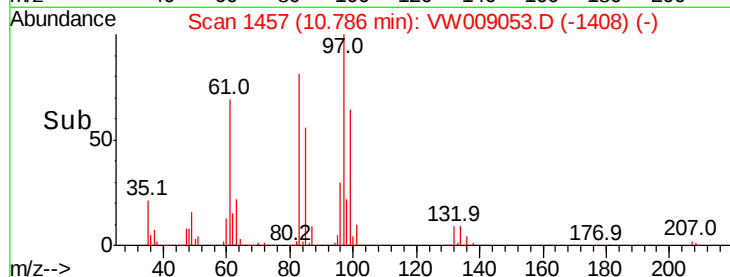
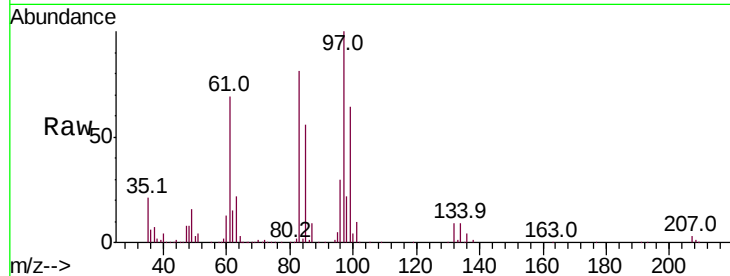
#55
 1,1,2-Trichloroethane
 Concen: 45.886 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		93364		
83	80.7	66.2	99.2		
85	55.5	43.6	65.4		
99	64.0	49.0	73.4		

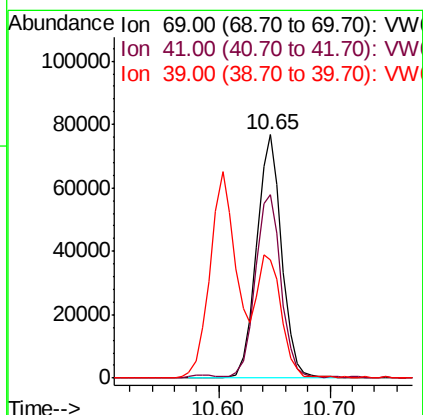
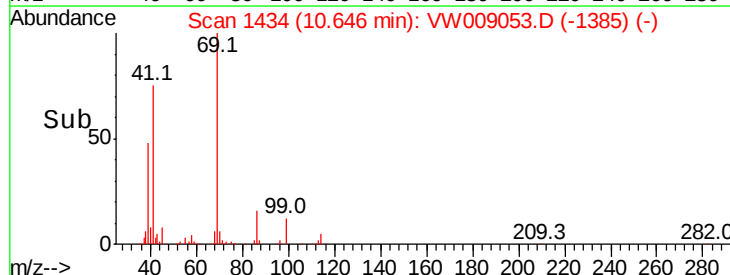
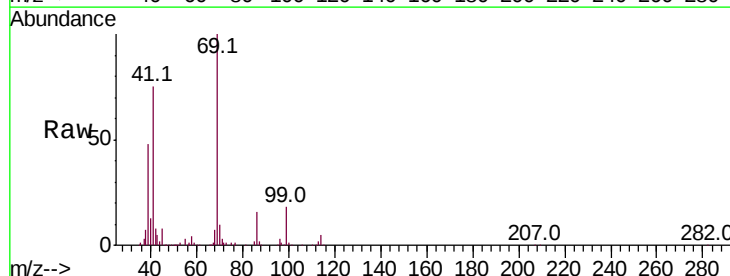
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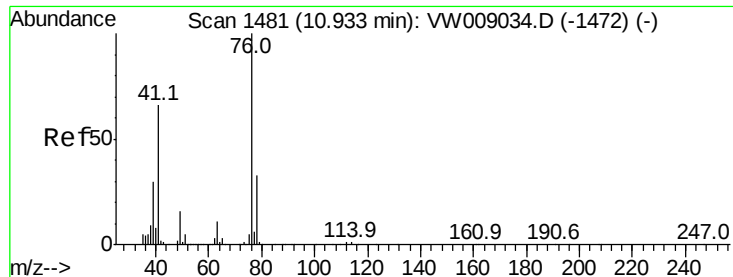
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#56
 Ethyl methacrylate
 Concen: 47.590 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		120175		
41	76.8	59.4	89.2		
39	48.5	38.5	57.7		





#57

1,3-Dichloropropane

Concen: 45.523 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 164086

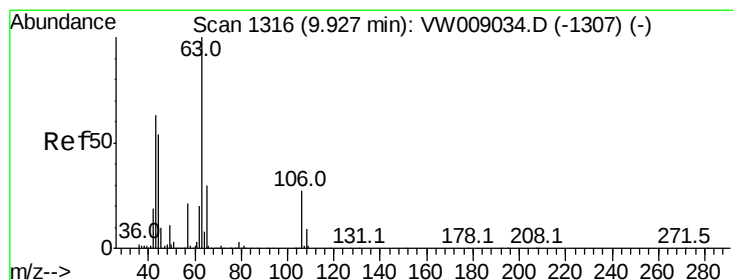
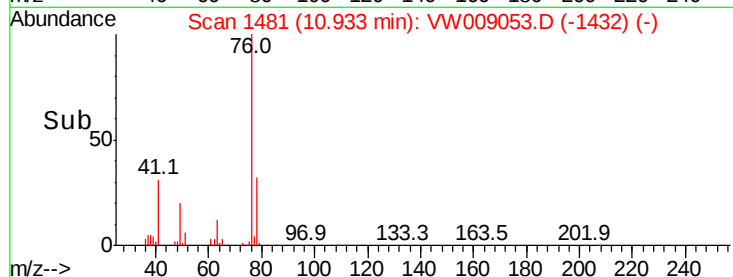
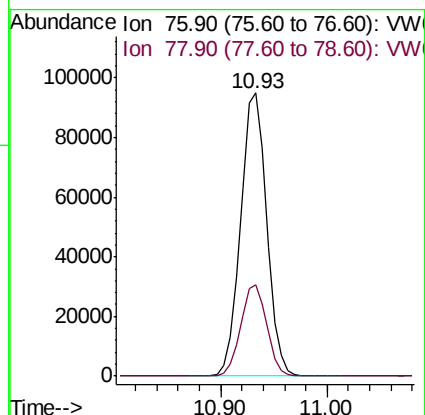
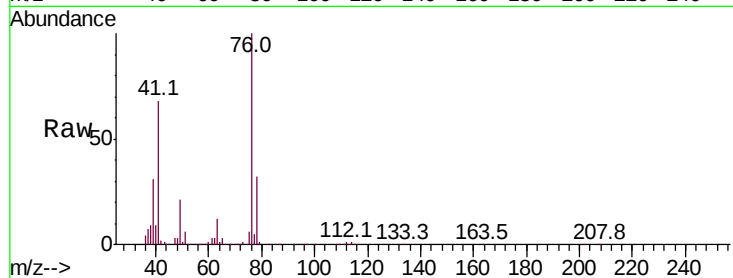
Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5

Manual Integrations
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3/11/2019 2:53:18 PM



#58

2-Chloroethyl Vinyl ether

Concen: 229.057 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW009053.D

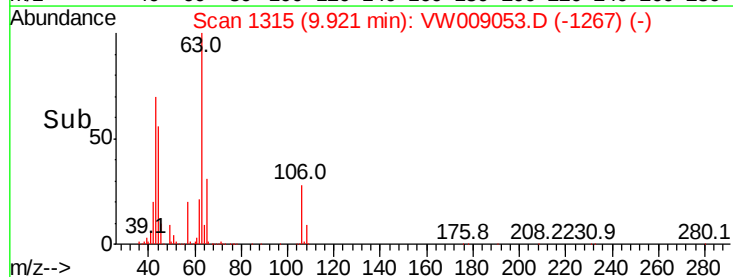
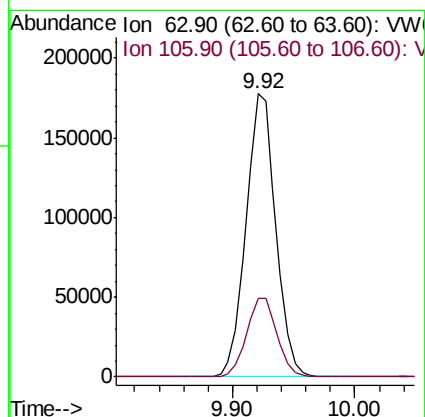
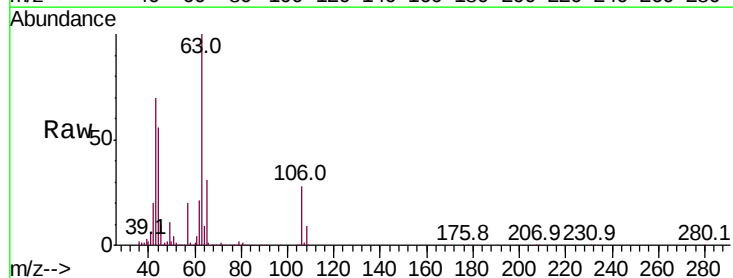
Acq: 08 Mar 2019 14:15

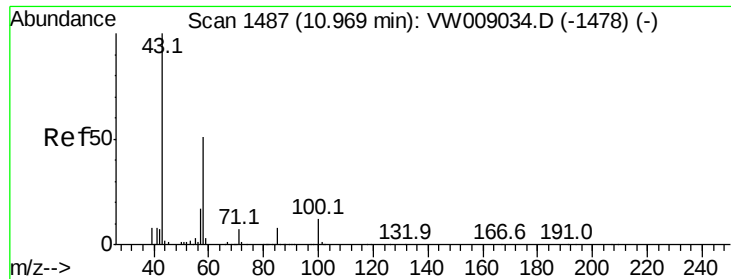
Tgt Ion: 63 Resp: 299856

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6





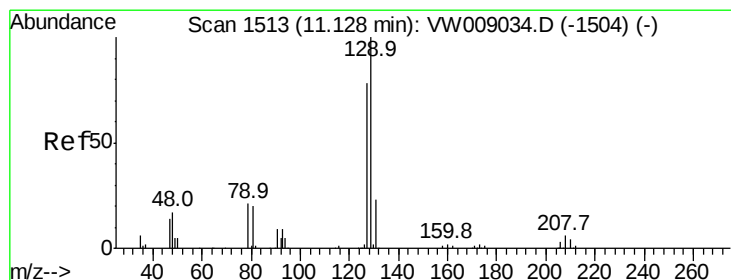
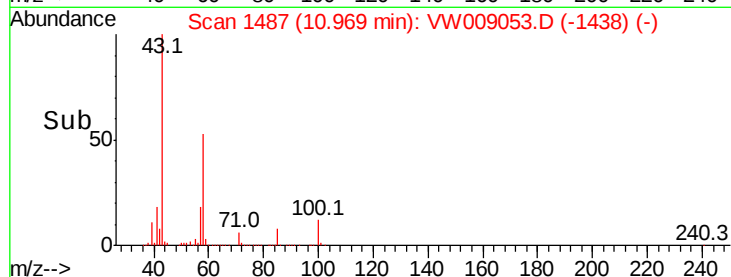
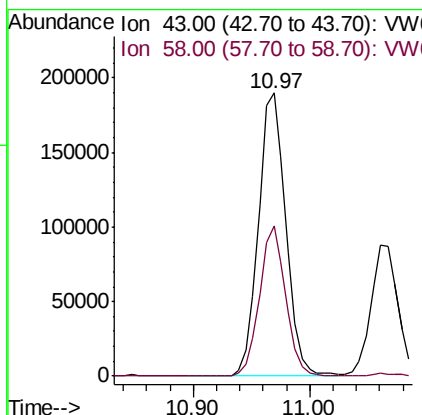
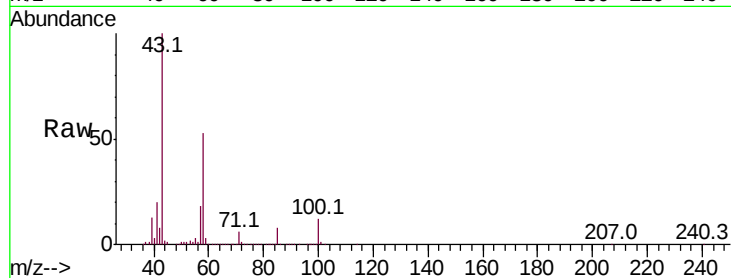
#59
2-Hexanone
Concen: 242.405 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 311191
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.9

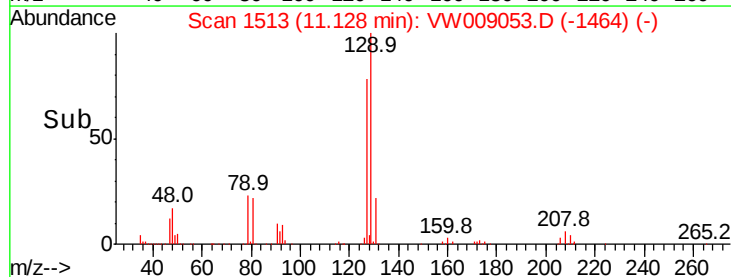
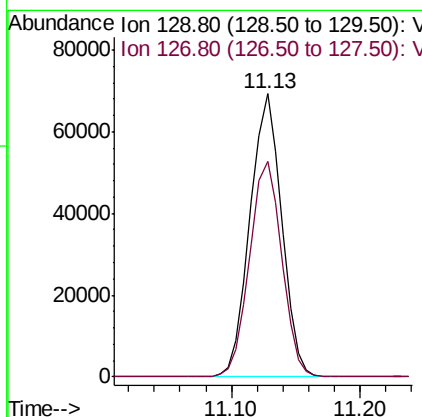
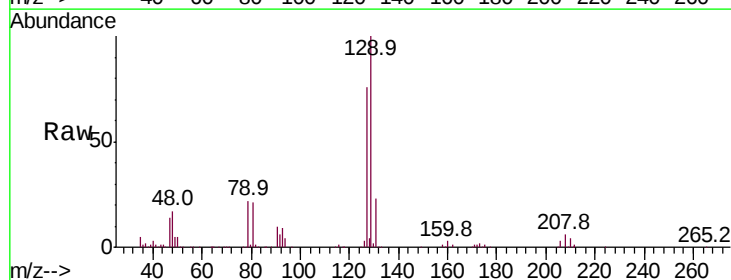
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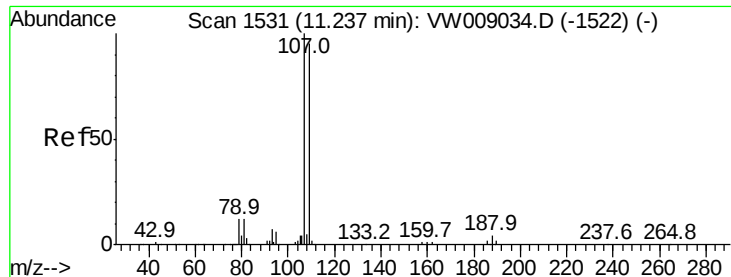
MMDadoda
3/11/2019 2:53:18 PM



#60
Dibromochloromethane
Concen: 46.740 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion: 129 Resp: 117692
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





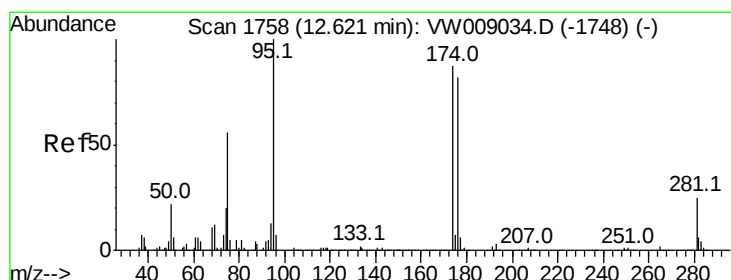
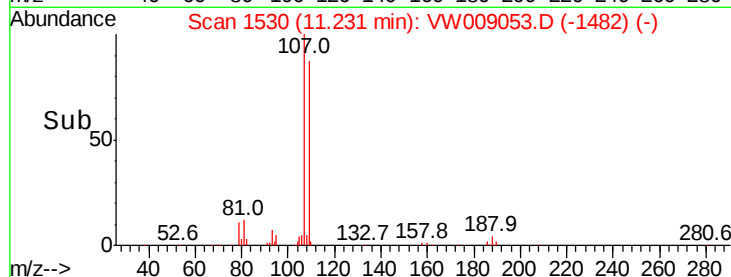
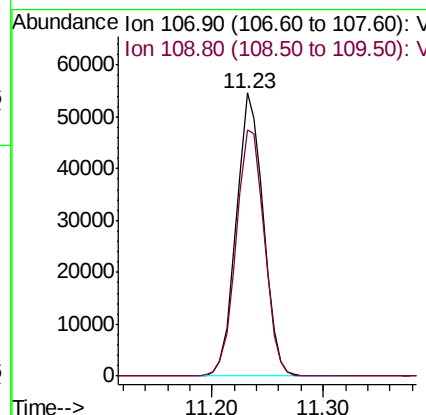
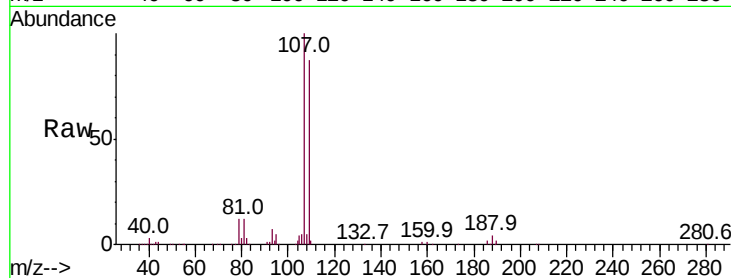
#61
 1,2-Dibromoethane
 Concen: 45.927 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 91609
 Ion Ratio Lower Upper
 107 100
 109 91.4 74.7 112.1

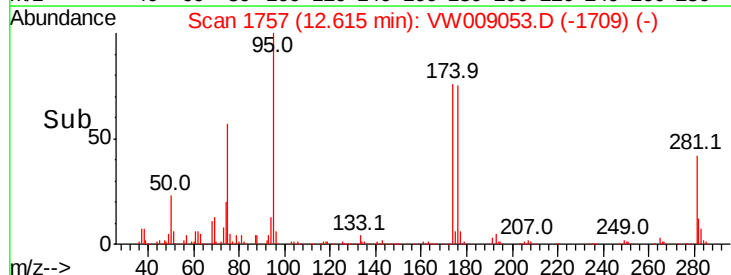
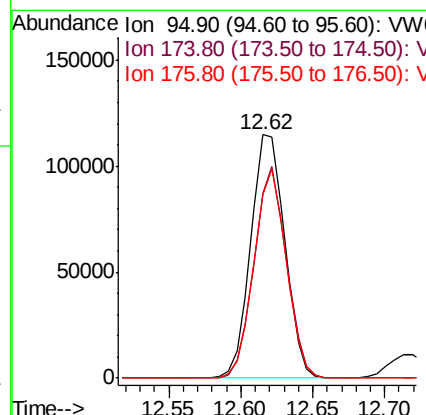
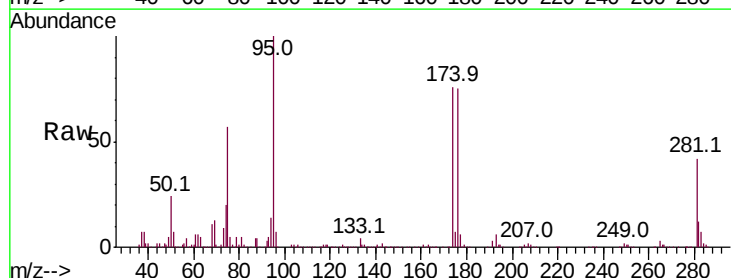
Manual Integrations
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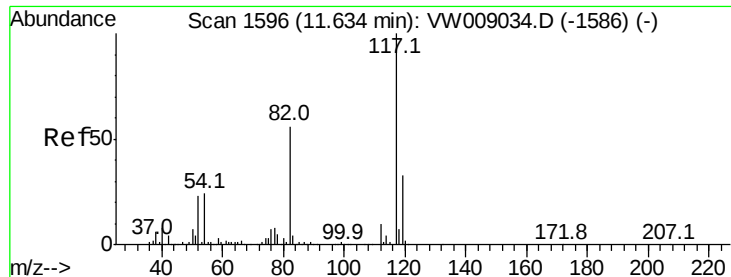
MMDadoda
 3/11/2019 2:53:18 PM



#62
 4-Bromofluorobenzene
 Concen: 48.927 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion: 95 Resp: 187273
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 167.0
 176 81.6 0.0 159.4





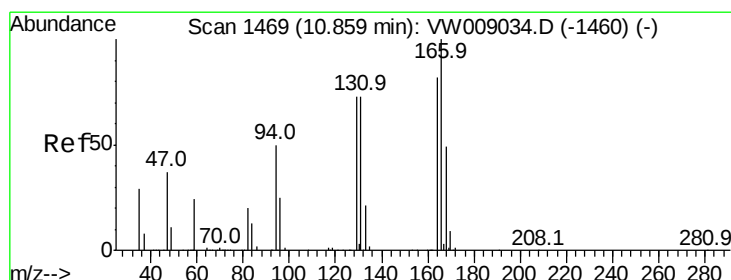
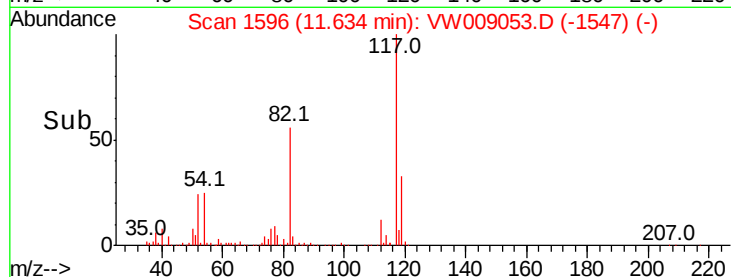
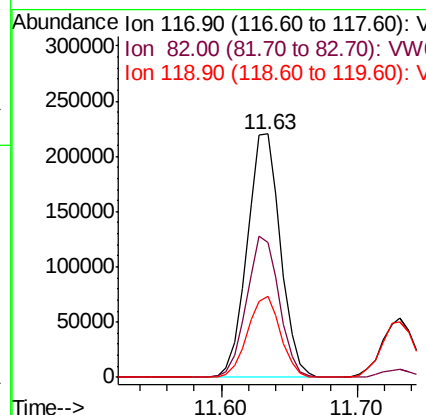
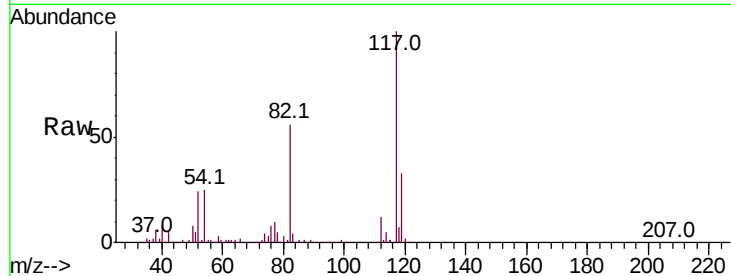
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	55.6	45.0	67.6	
119	33.5	26.6	39.8	

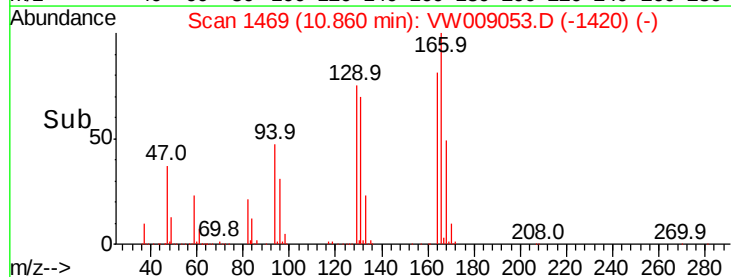
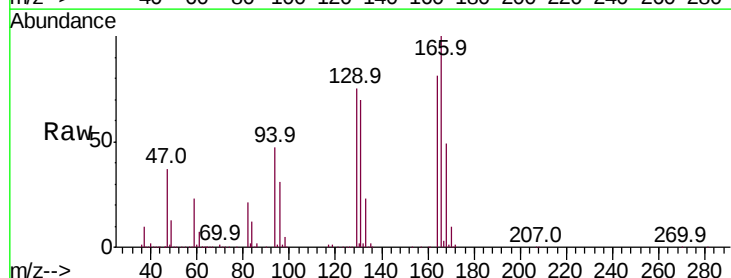
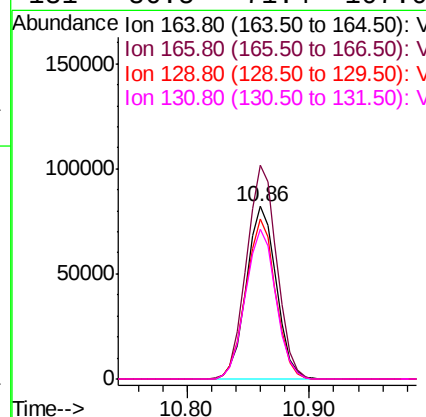
Manual Integrations
APPROVED

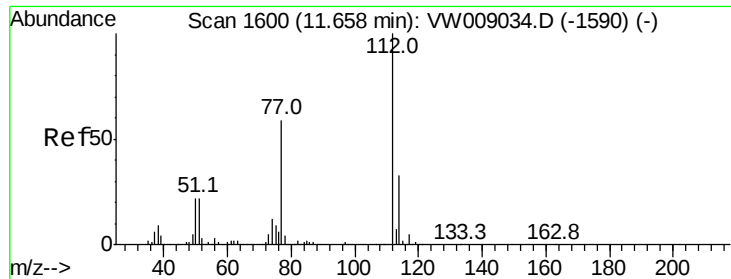
MMDadoda
3/11/2019 2:53:18 PM



#64
Tetrachloroethene
Concen: 51.078 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	123.7	97.8	146.6	
129	92.4	71.6	107.4	
131	86.5	71.4	107.0	





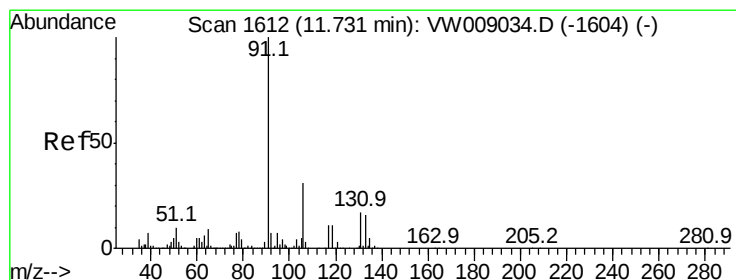
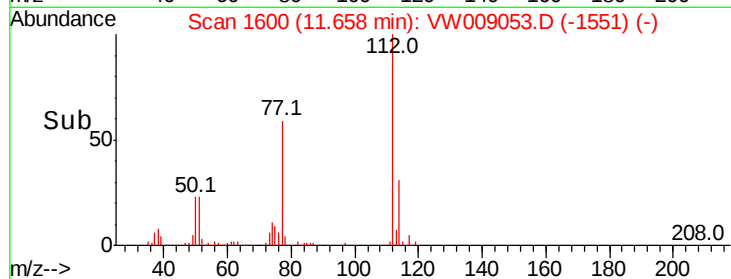
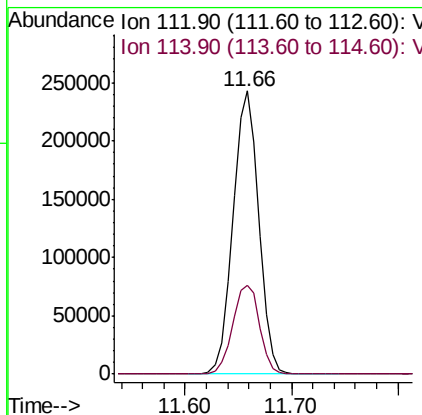
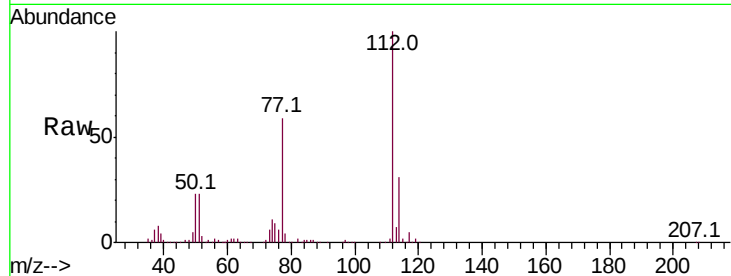
#65
Chlorobenzene
Concen: 49.939 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.6	40.0

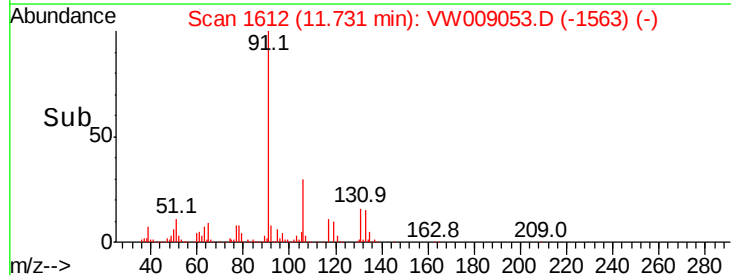
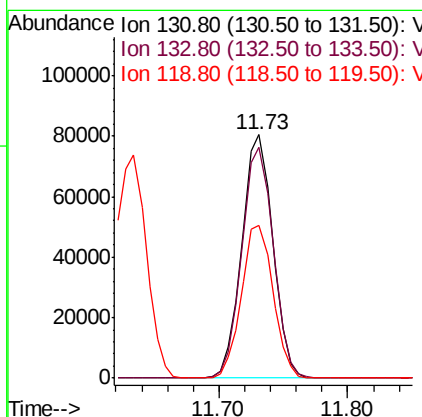
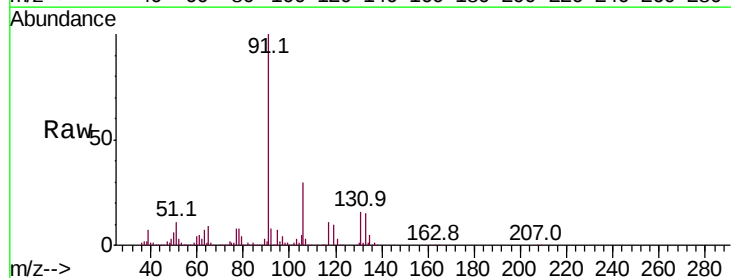
Manual Integrations
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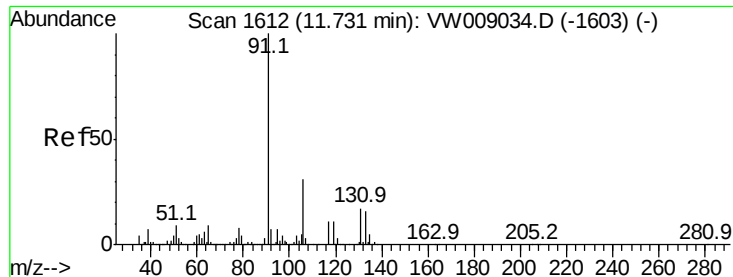
MMDadoda
3/11/2019 2:53:18 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.632 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.6	142.8
119	64.5	31.3	93.8





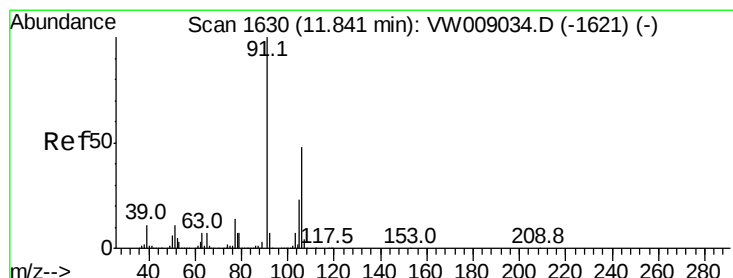
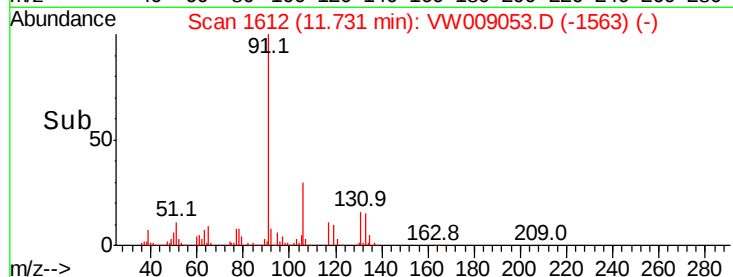
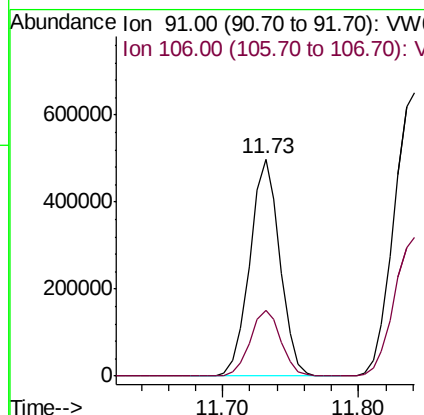
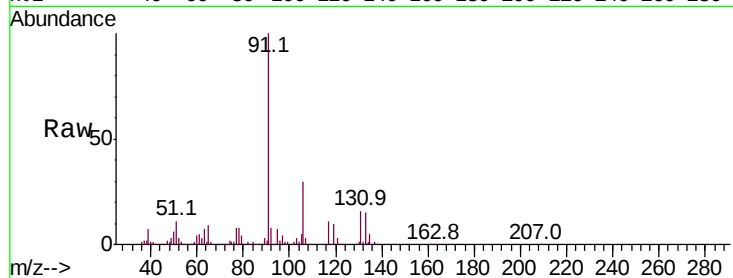
#67
Ethyl Benzene
Concen: 52.038 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	91	106	Resp	773440
Ion Ratio	100	30.4	Lower	Upper
		25.0		37.4

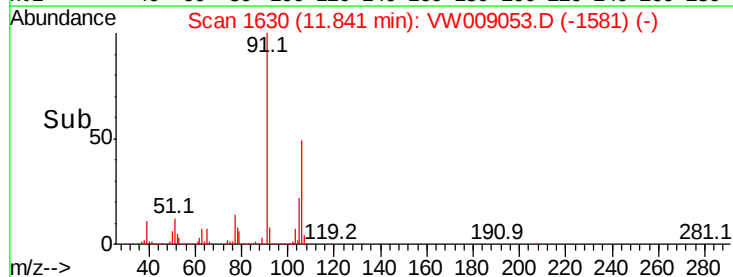
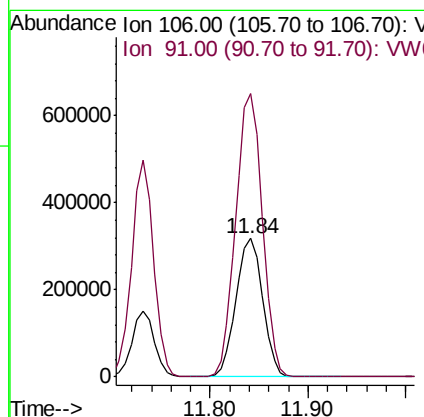
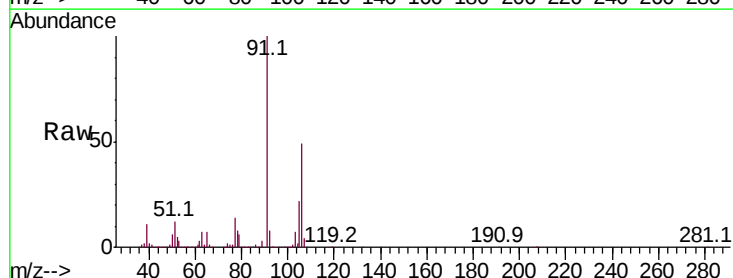
Manual Integrations
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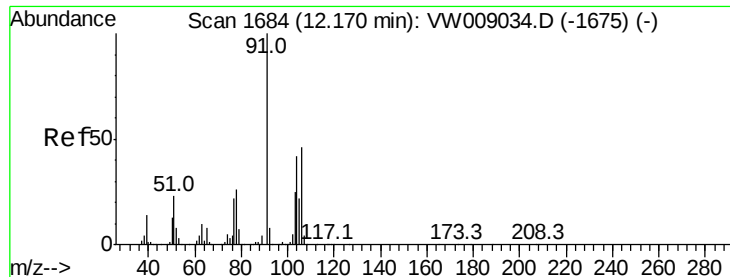
MMDadoda
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#68
m/p-Xylenes
Concen: 103.025 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	106	91	Resp	604408
Ion Ratio	100	204.1	Lower	Upper
		163.2		244.8





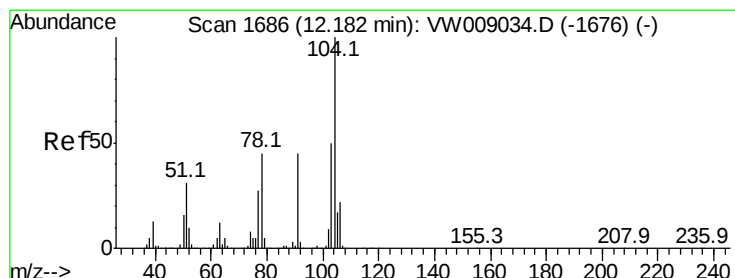
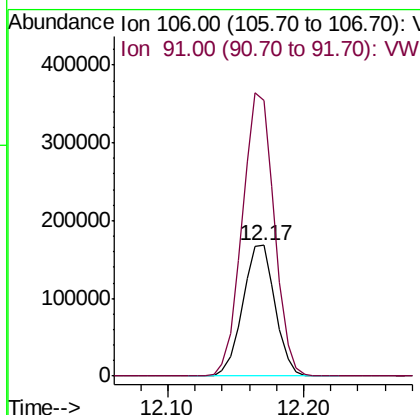
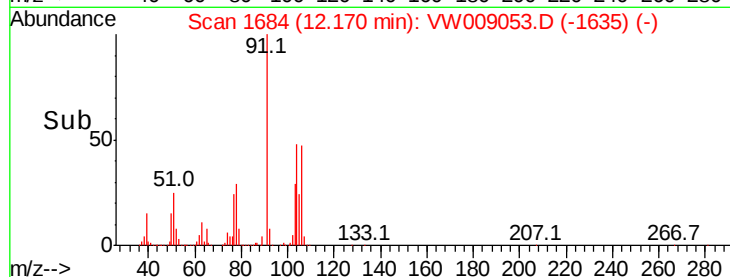
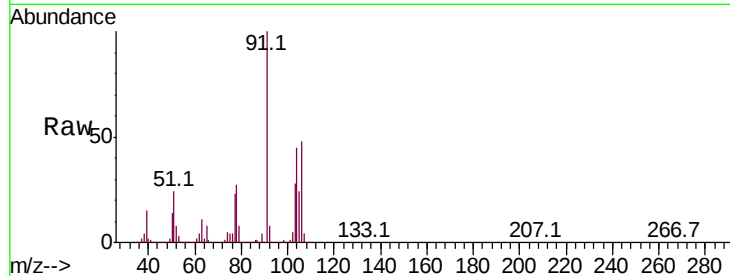
#69
o-Xylene
Concen: 51.389 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.5	108.6	325.6

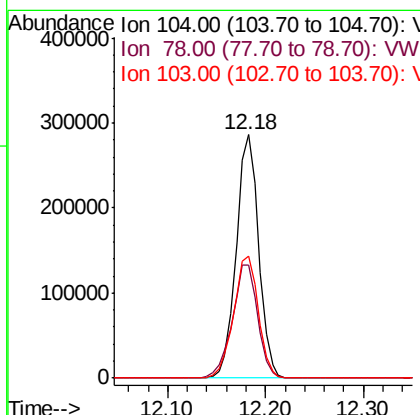
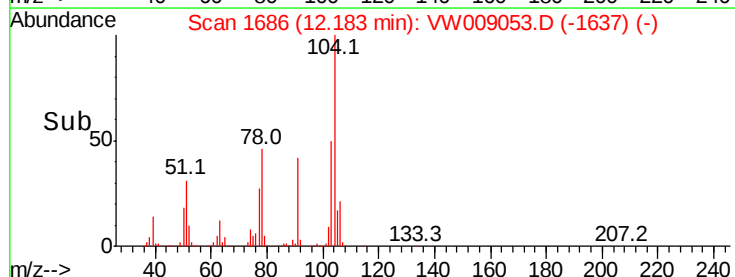
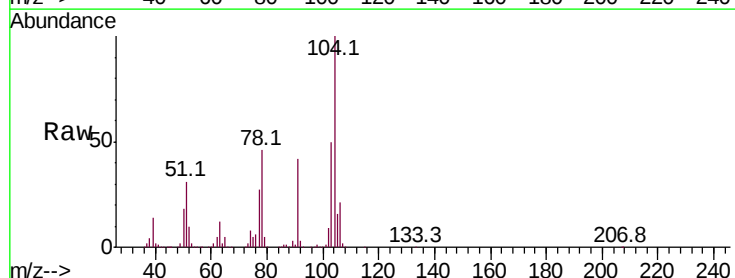
Manual Integrations
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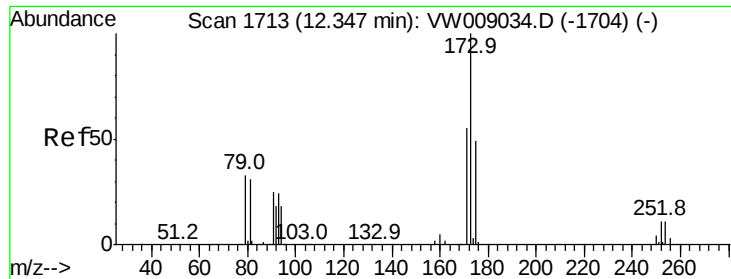
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#70
Styrene
Concen: 51.587 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	42.1	63.1
103	55.5	43.9	65.9





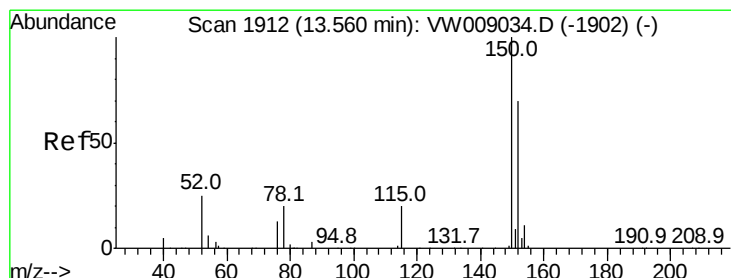
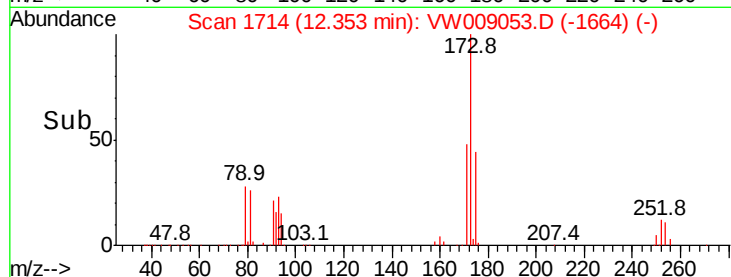
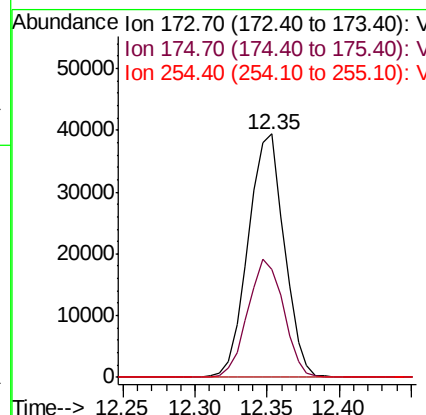
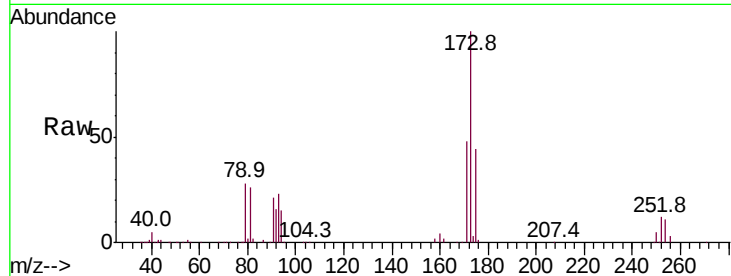
#71
Bromoform
Concen: 46.355 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	74.0
254	0.1	0.0	0.0#

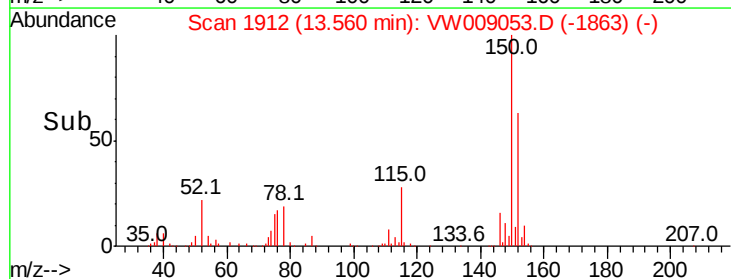
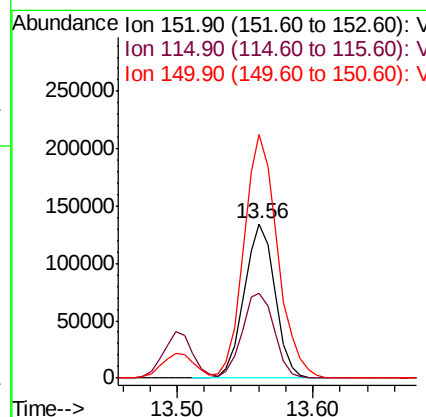
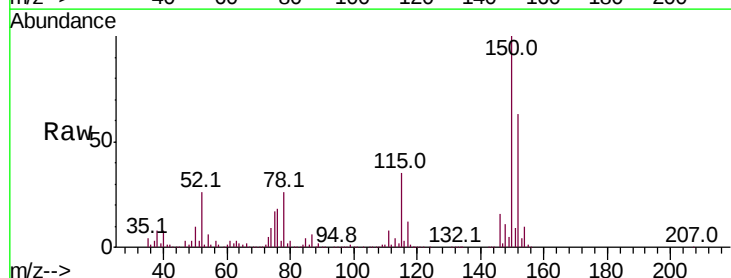
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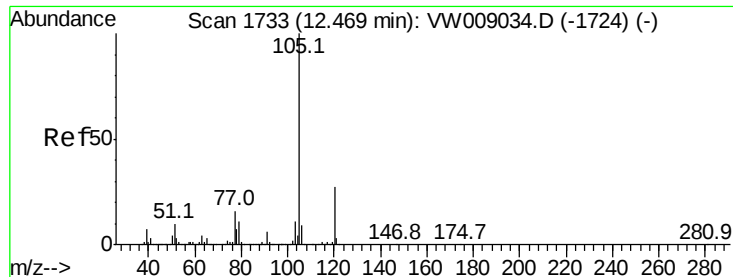
MMDadoda
3/11/2019 2:53:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.9	86.7
150	172.8	0.0	349.2





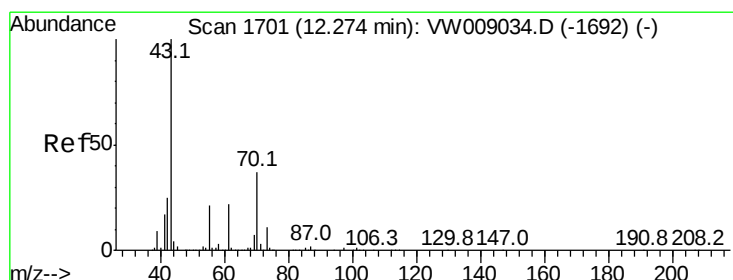
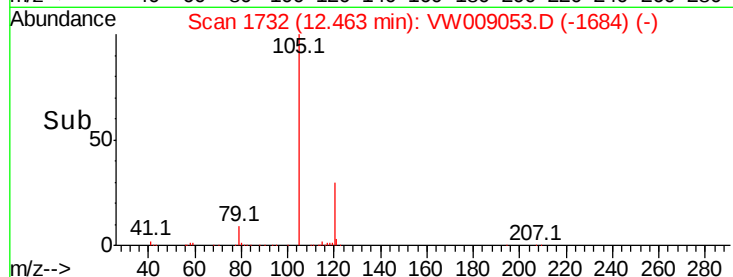
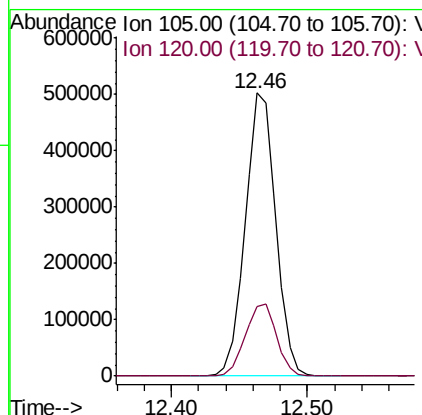
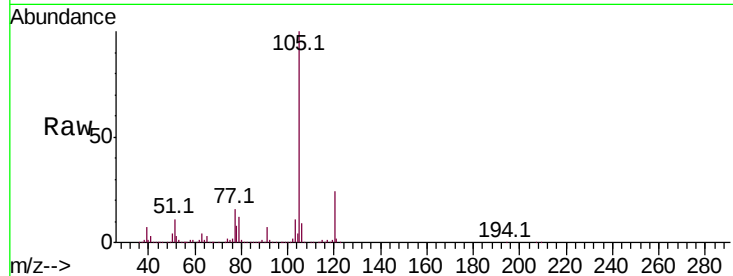
#73
Isopropylbenzene
Concen: 51.728 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

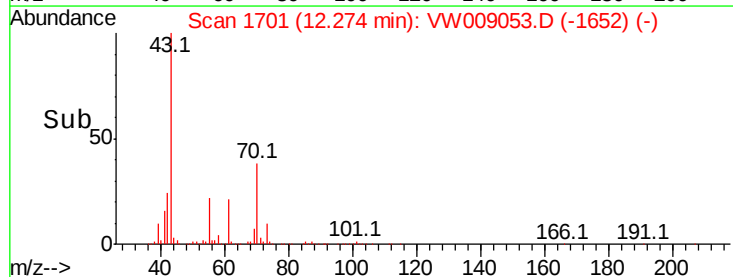
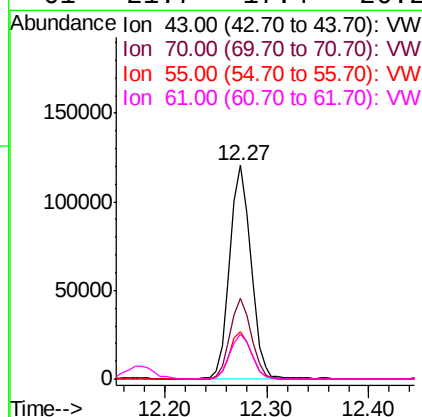
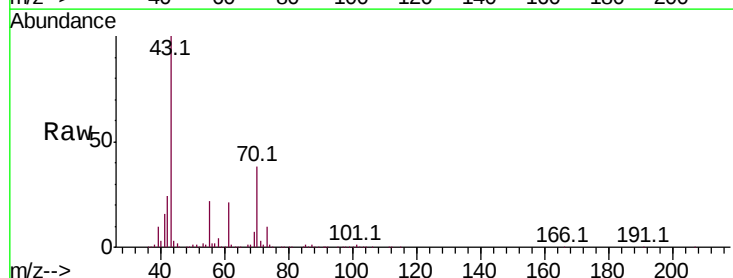
Manual Integrations
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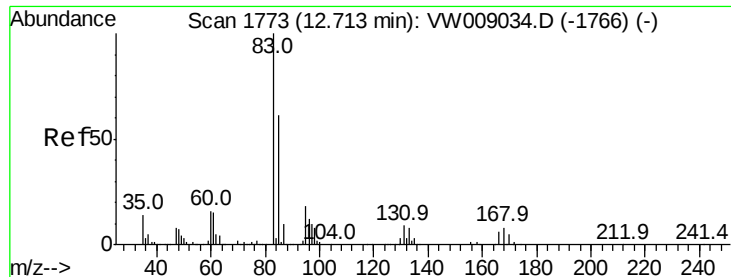
MMDadoda
3/11/2019 2:53:18 PM



#74
N-ethyl acetate
Concen: 48.337 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.9	30.8	46.2
55	22.6	17.8	26.8
61	21.7	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.053 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

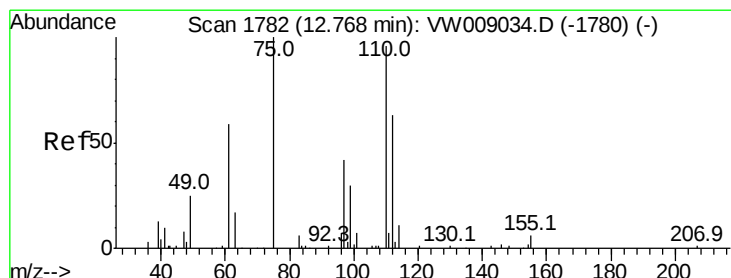
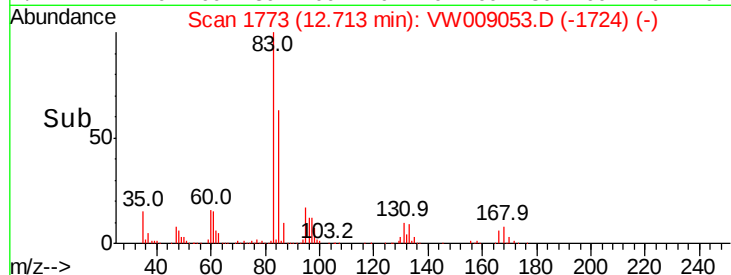
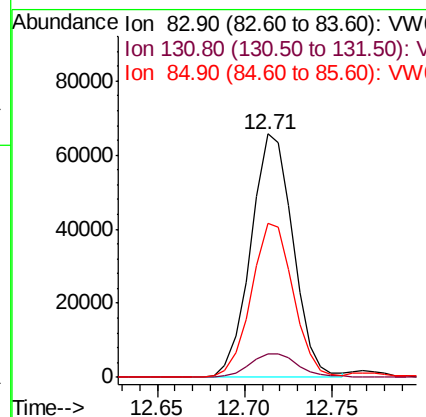
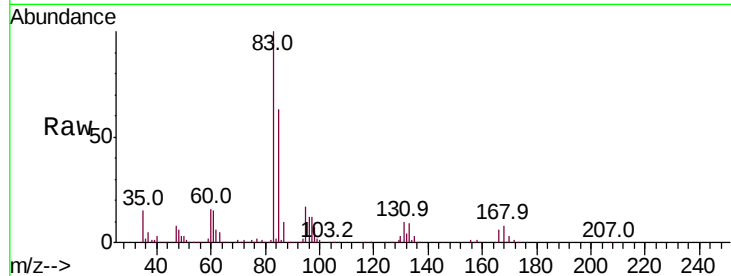
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	110355
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.7
85	63.0	31.7	95.1

Manual Integrations
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MMDadoda
3/11/2019 2:53:18 PM



#76

1,2,3-Trichloropropane

Concen: 47.782 ug/l m

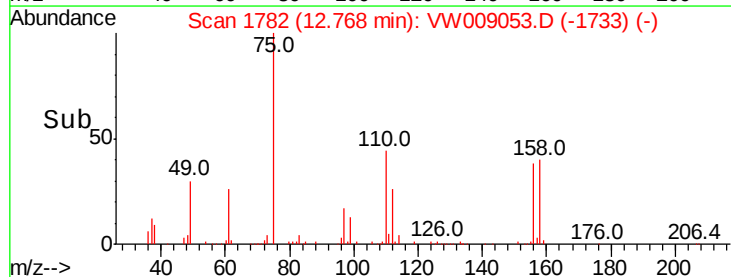
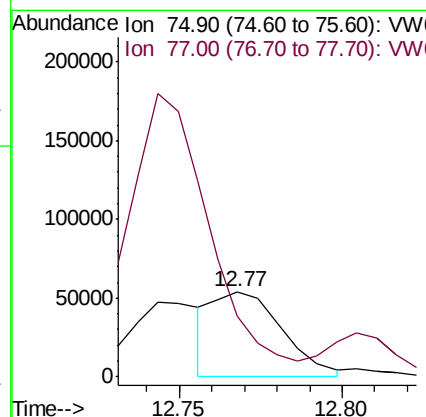
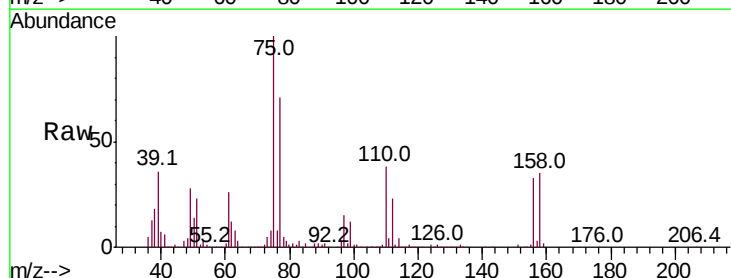
RT: 12.77 min Scan# 1782

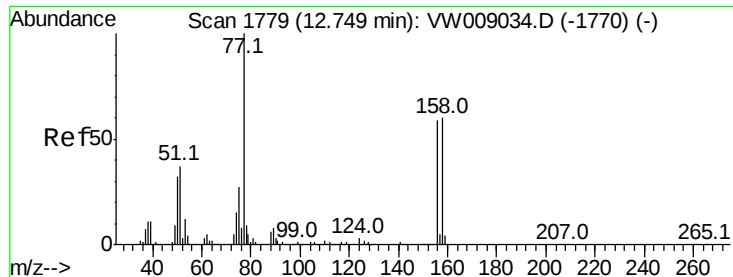
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion:	75	Resp:	80084
Ion Ratio	Lower	Upper	
75	100		
77	0.0	186.7	560.0#





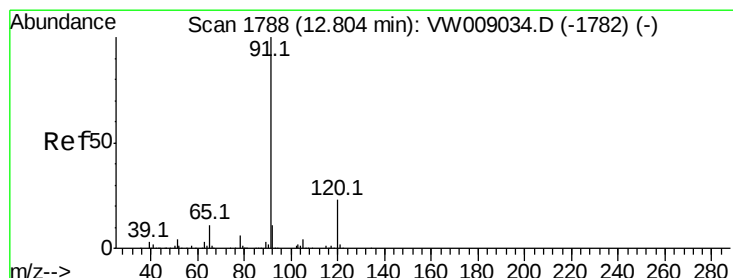
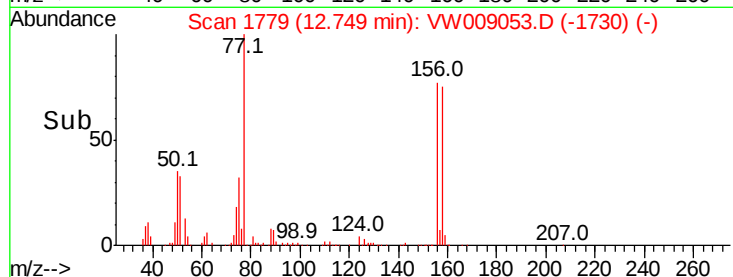
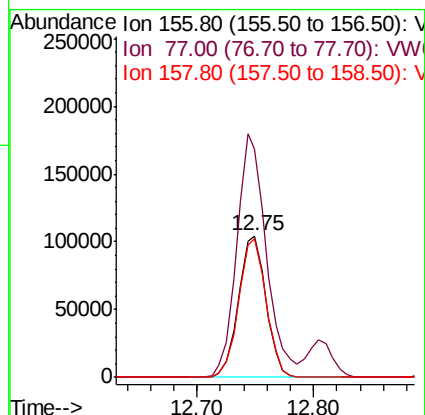
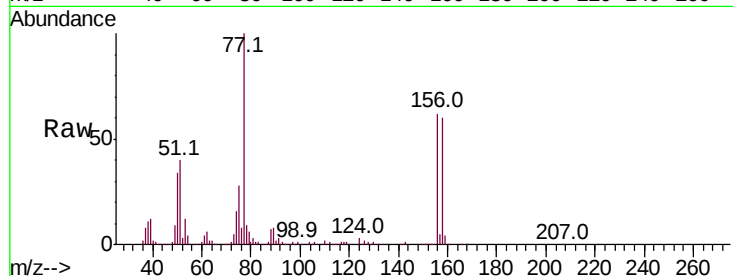
#77
Bromobenzene
Concen: 49.546 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.9	93.0	279.2
158	97.3	50.0	149.8

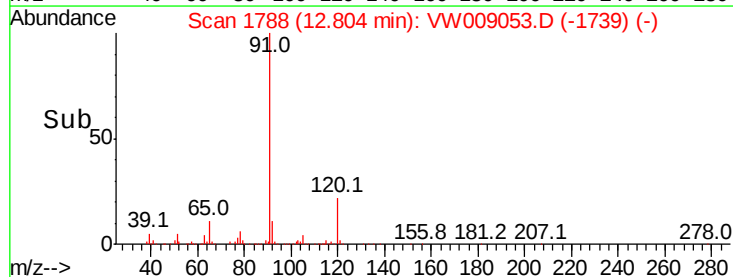
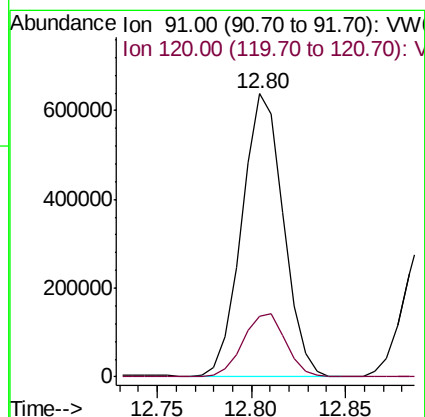
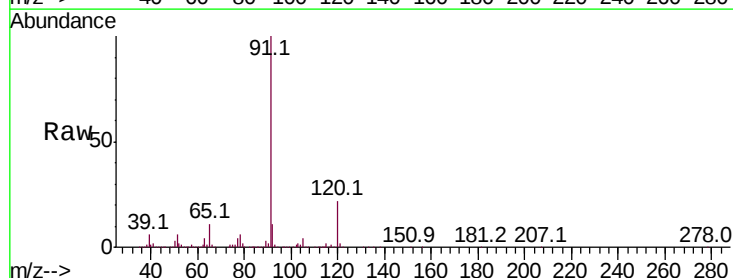
Manual Integrations
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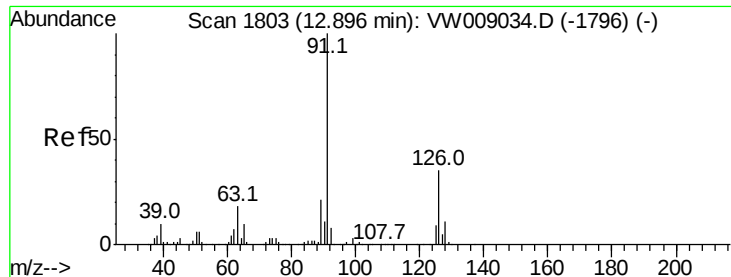
MMDadoda
3/11/2019 2:53:18 PM



#78
n-propylbenzene
Concen: 52.158 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 50.979 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 535939

Ion Ratio Lower Upper

91 100

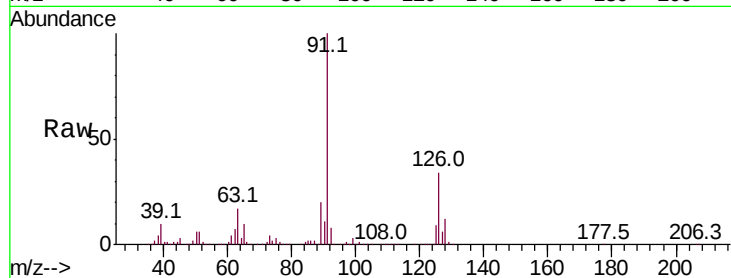
126 33.6 16.8 50.4

Manual Integrations

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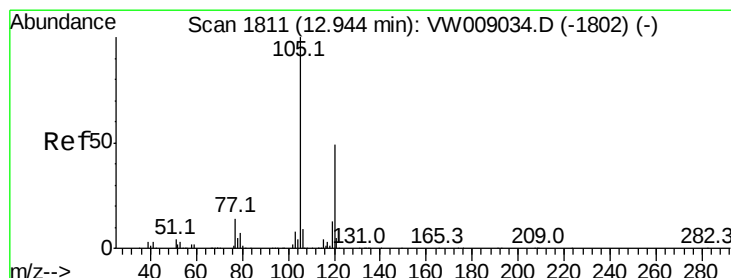
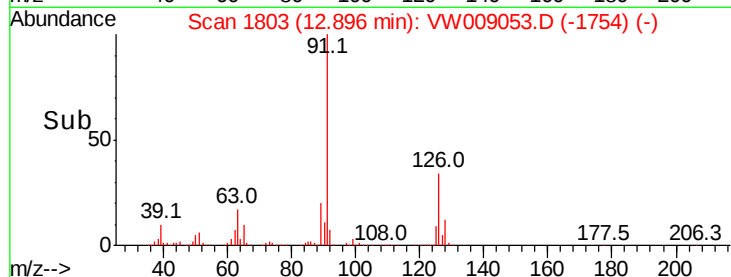
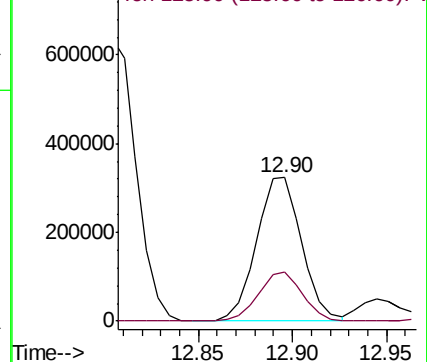
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.622 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009053.D

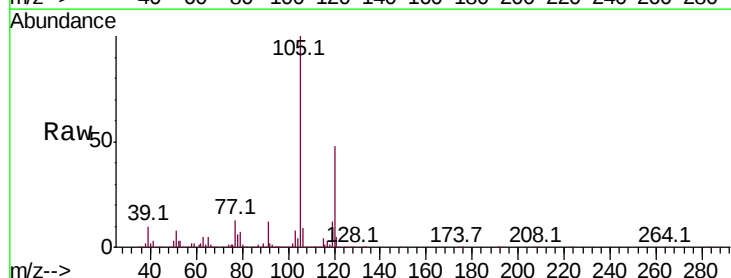
Acq: 08 Mar 2019 14:15

Tgt Ion:105 Resp: 675966

Ion Ratio Lower Upper

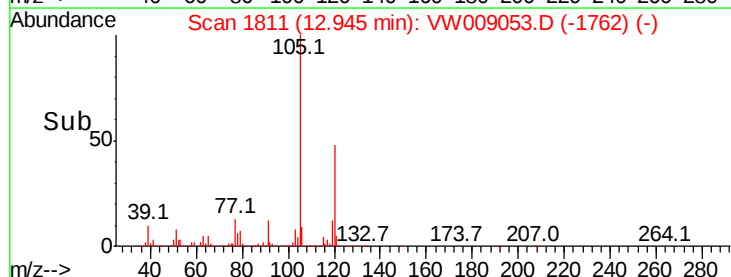
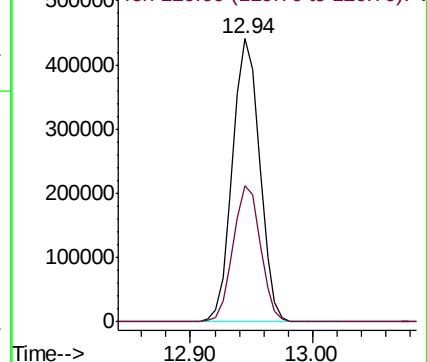
105 100

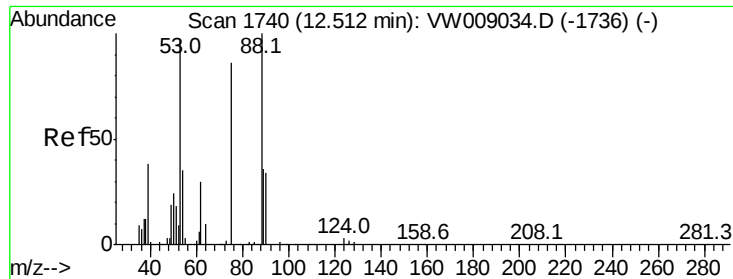
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.824 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

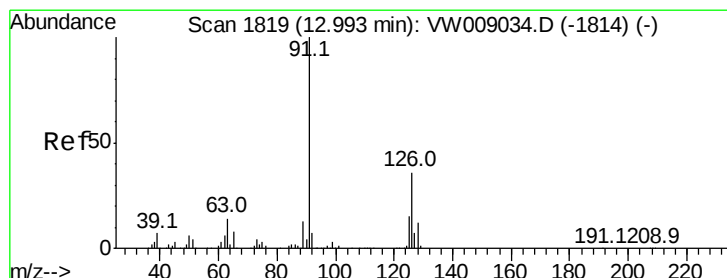
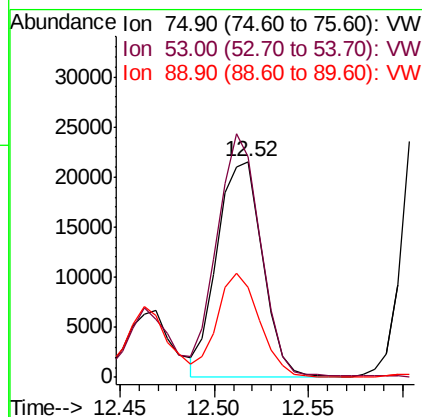
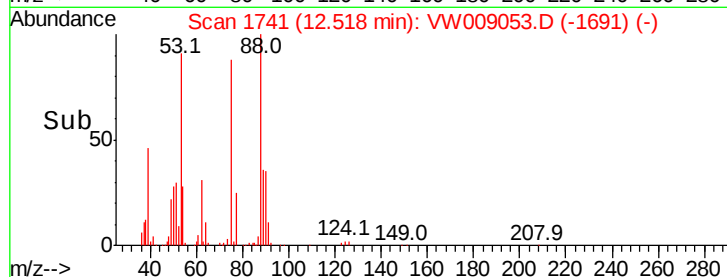
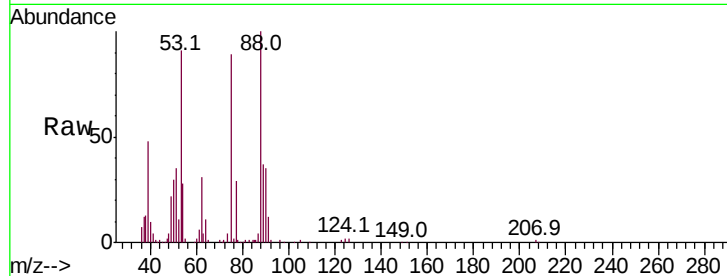
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	35835
Ion Ratio	Lower	Upper	
75	100		
53	107.6	90.5	135.7
89	45.9	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.494 ug/l

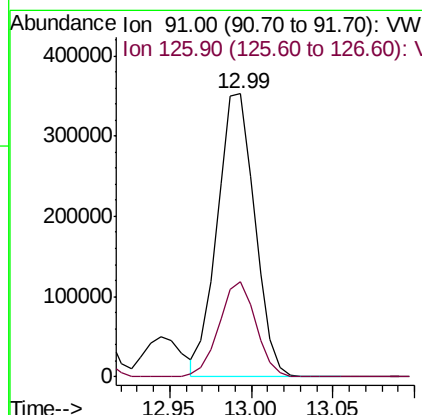
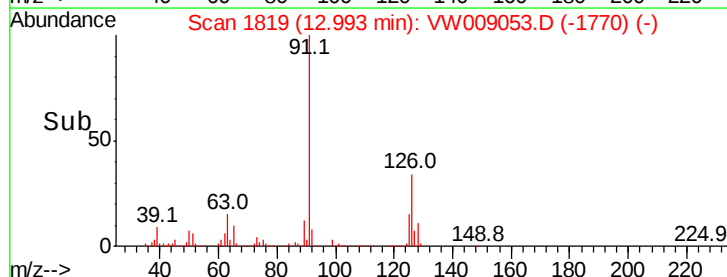
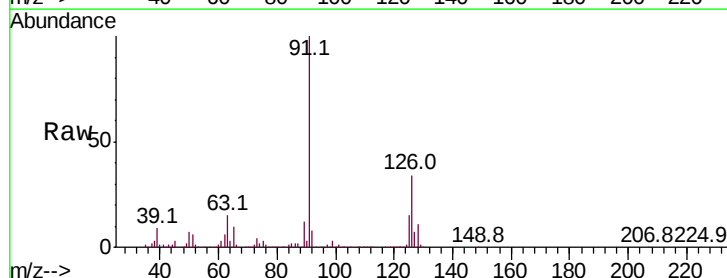
RT: 12.99 min Scan# 1819

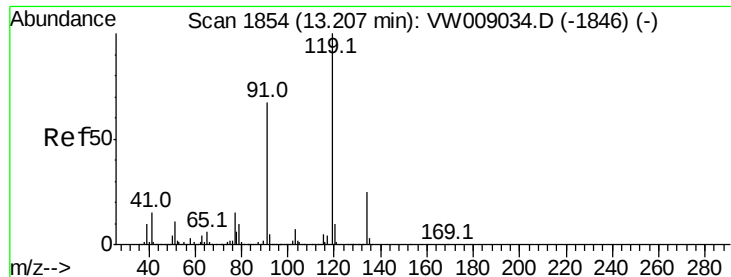
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion:	91	Resp:	565860
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.6	49.8





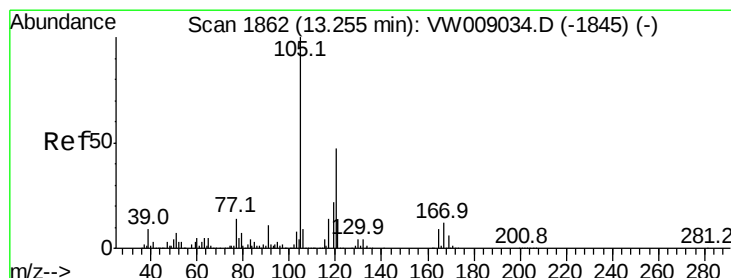
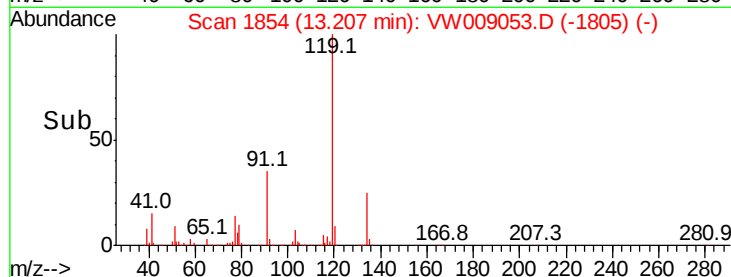
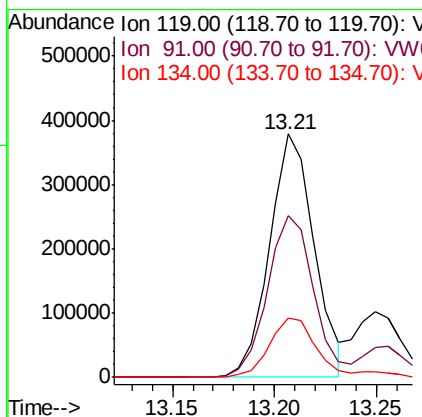
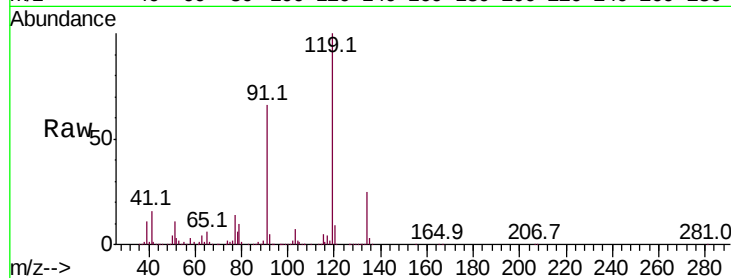
#83
tert-Butylbenzene
Concen: 52.363 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.2	102.5
134	27.0	13.9	41.6

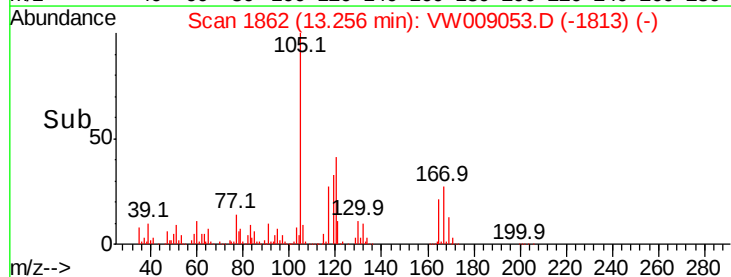
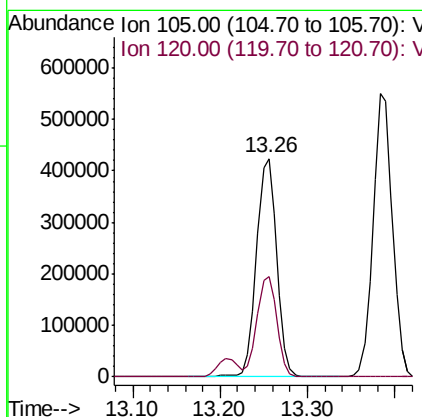
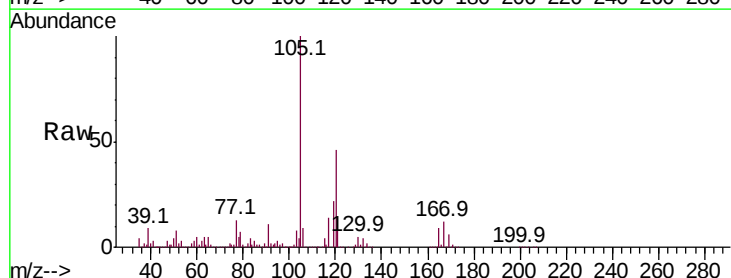
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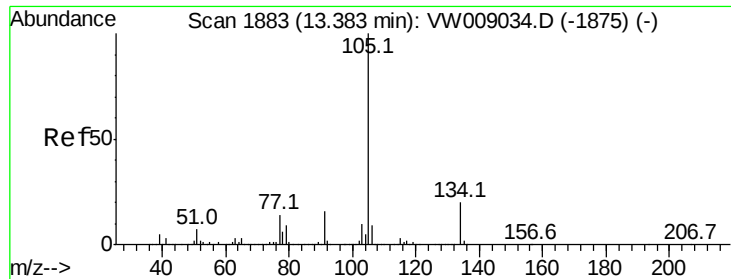
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#84
1,2,4-Trimethylbenzene
Concen: 51.305 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4





#85

sec-Butylbenzene

Concen: 51.853 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 848442

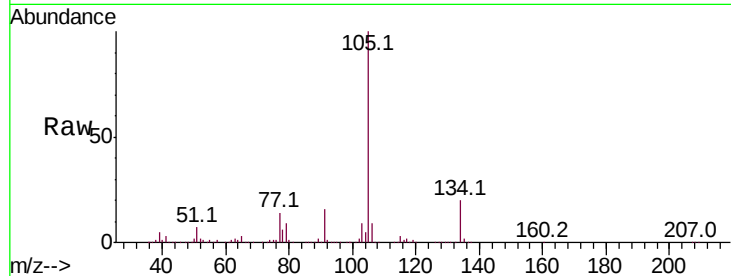
Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0

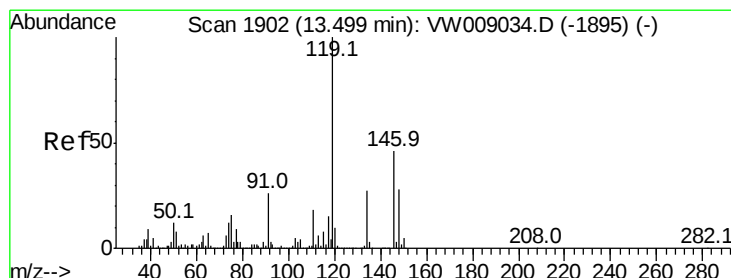
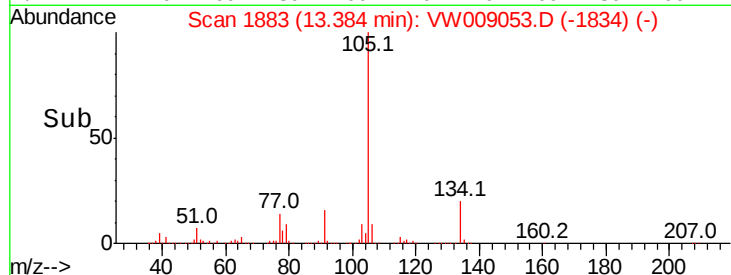
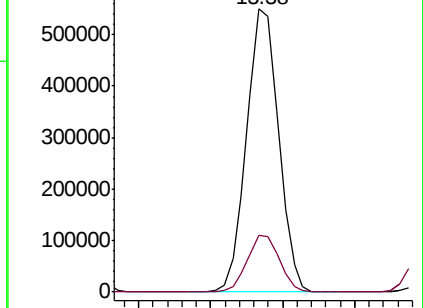
Manual Integrations
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3/11/2019 2:53:18 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.582 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

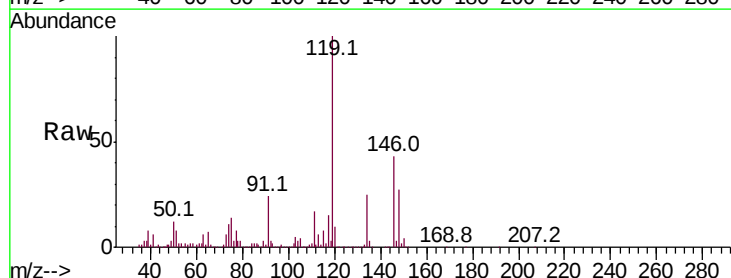
Tgt Ion:119 Resp: 769667

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

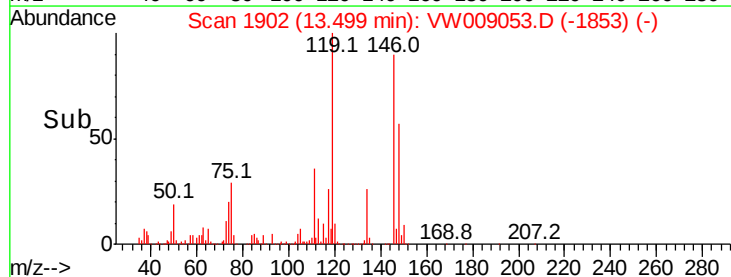
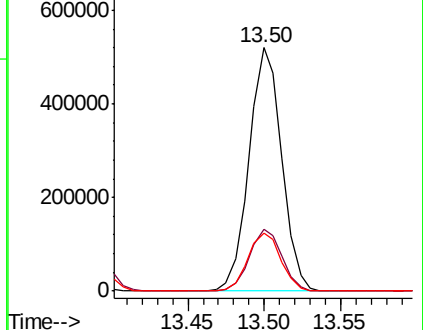
91 24.0 12.3 36.9

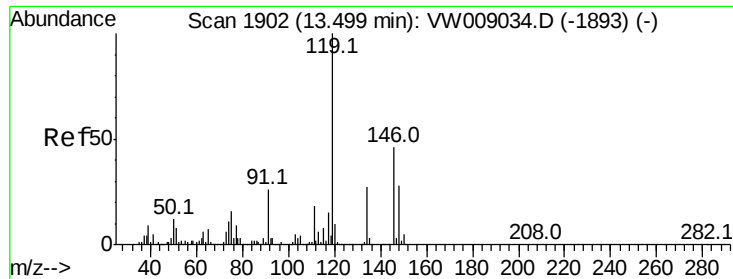


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.767 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

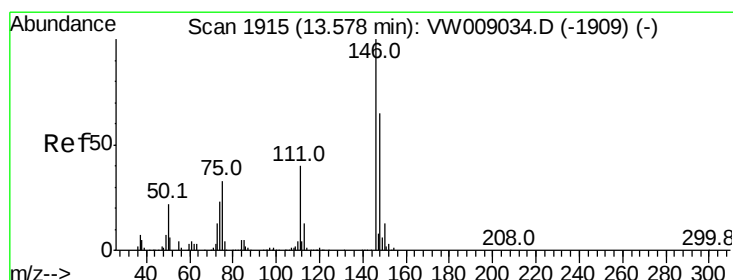
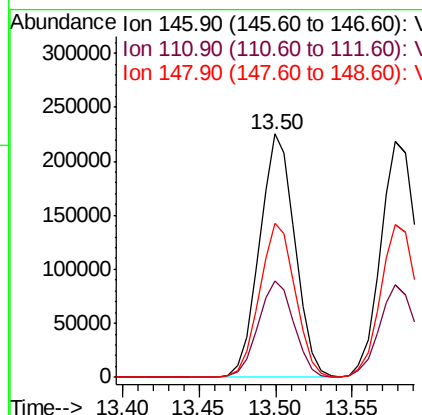
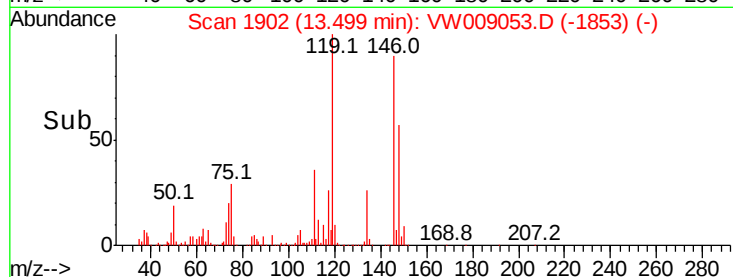
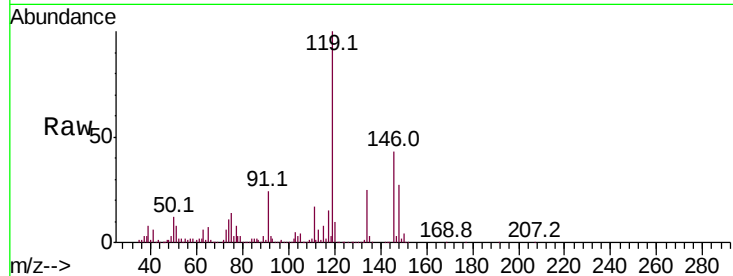
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	63.5	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.446 ug/l

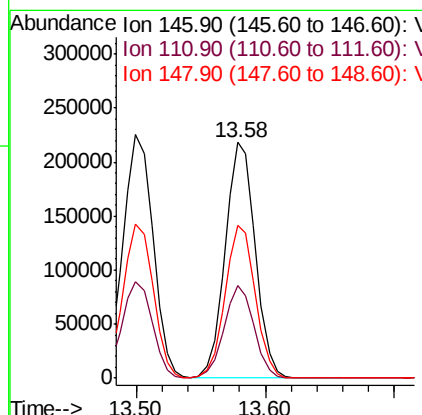
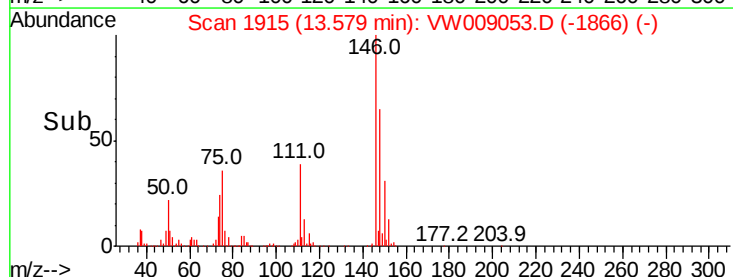
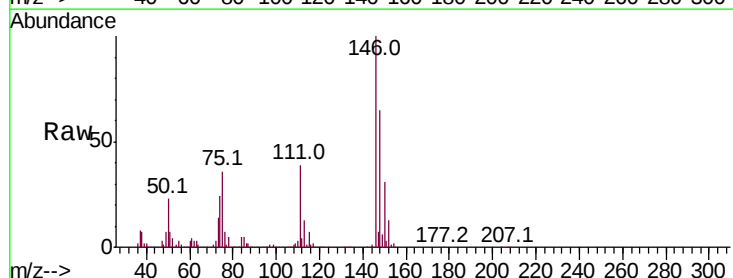
RT: 13.58 min Scan# 1915

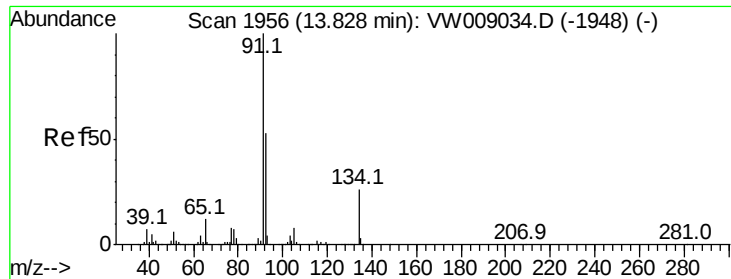
Delta R.T. 0.00 min

Lab File: VW009053.D

Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.0
148	65.0	32.2	96.6





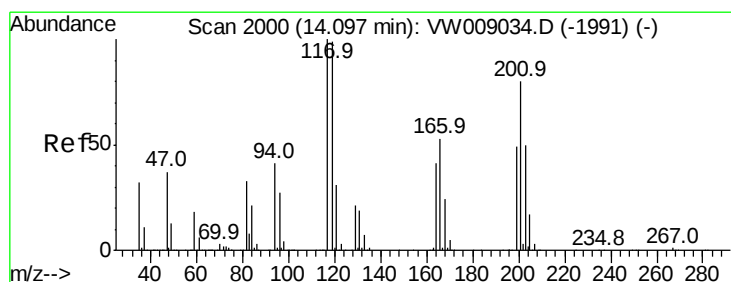
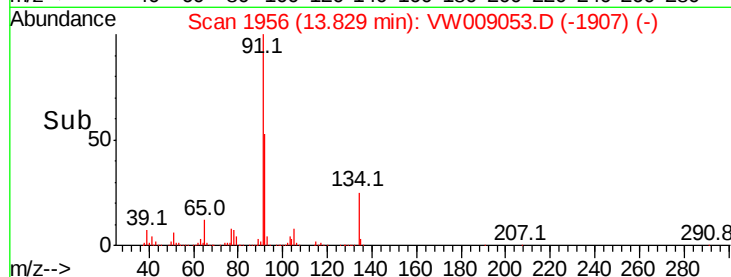
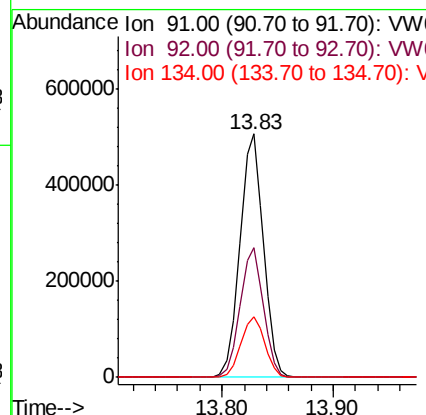
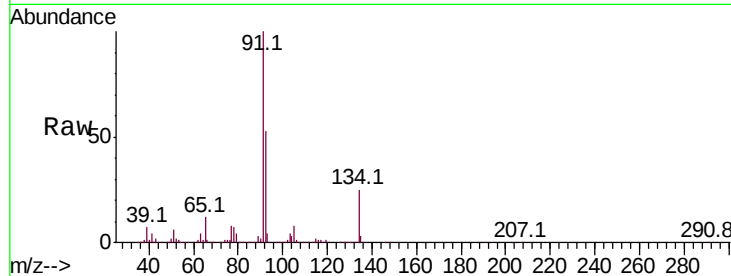
#89
n-Butylbenzene
Concen: 52.841 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	25.4	12.9	38.7

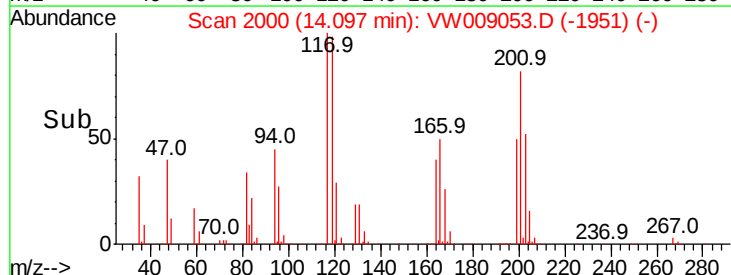
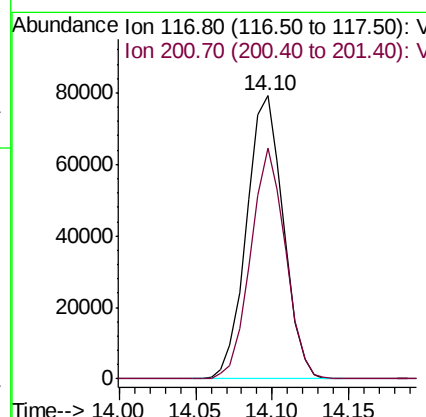
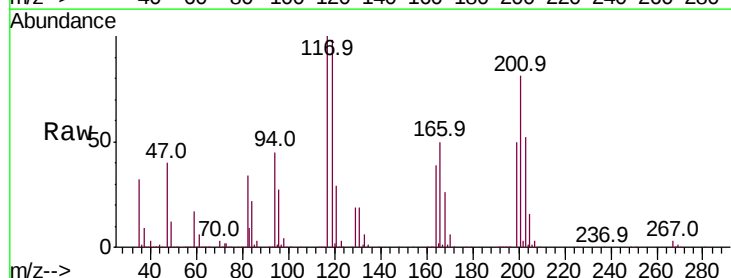
Manual Integrations
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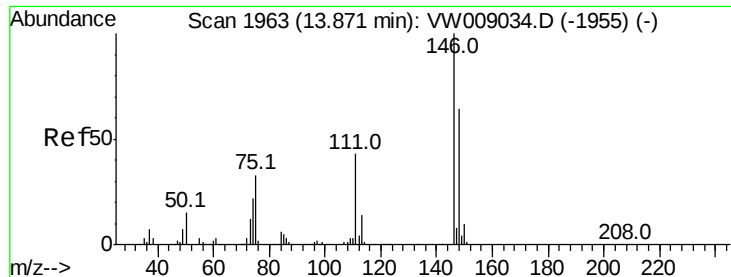
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#90
Hexachloroethane
Concen: 52.475 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.0	39.1	117.5





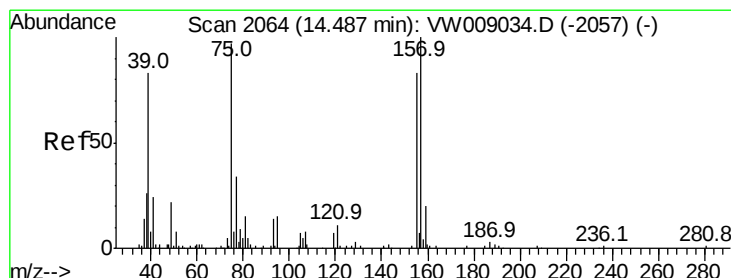
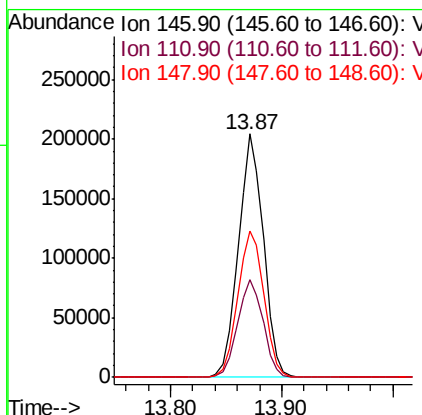
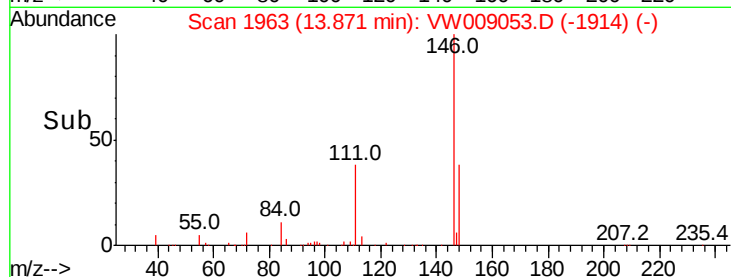
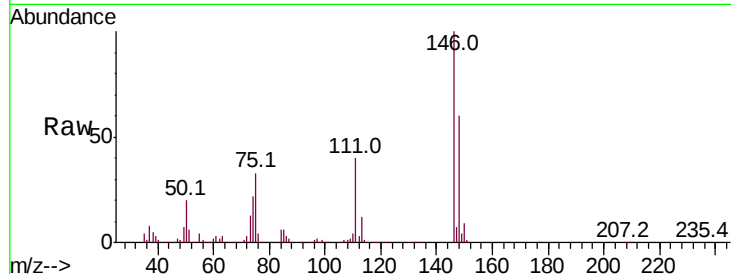
#91
 1,2-Dichlorobenzene
 Concen: 49.142 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.1	63.1
148	62.8	32.3	96.9

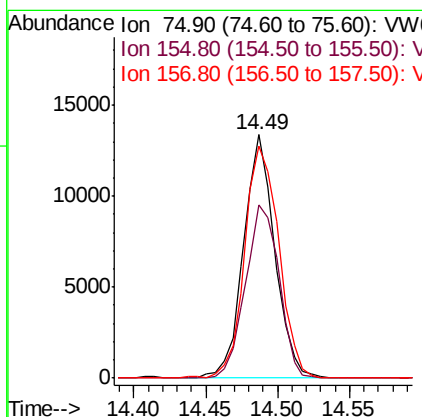
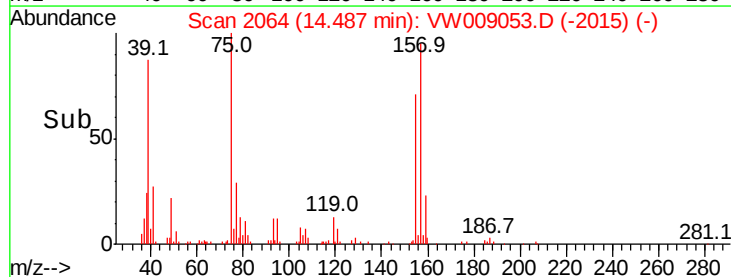
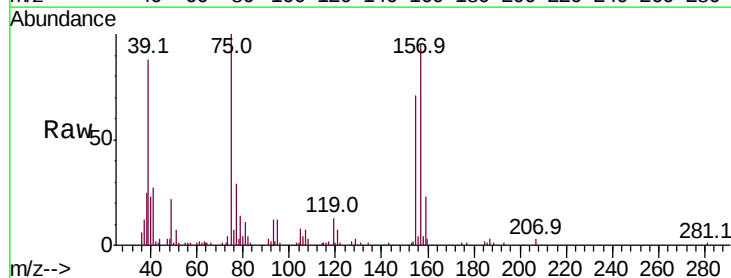
Manual Integrations
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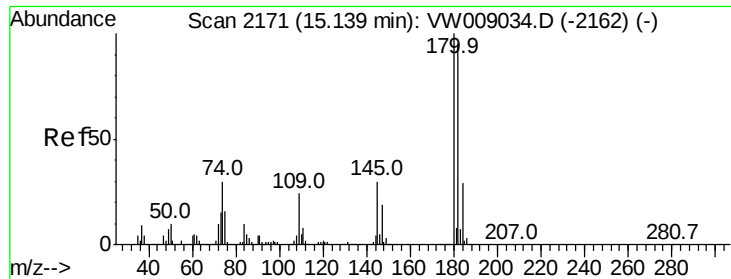
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.925 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	40.8	122.4
157	104.4	52.4	157.3





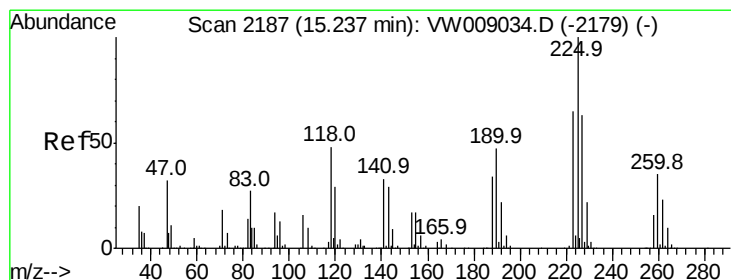
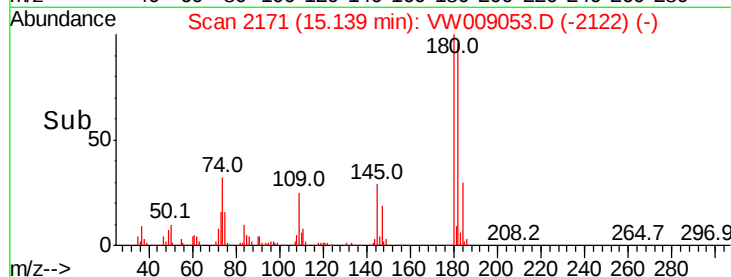
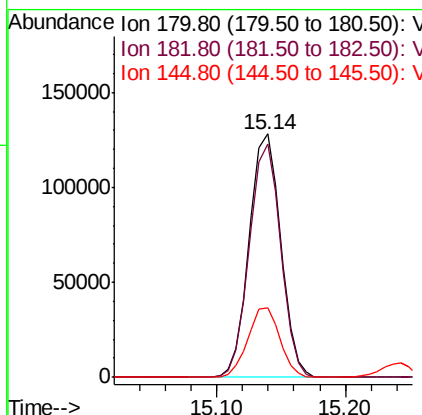
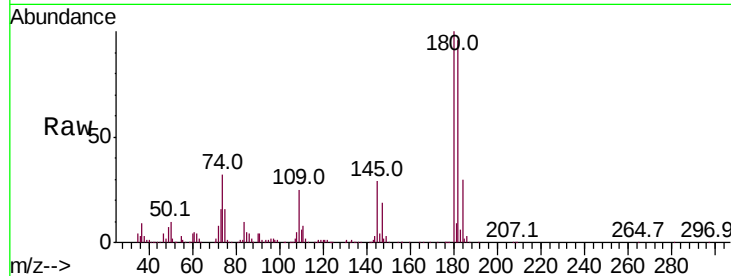
#93
 1,2,4-Trichlorobenzene
 Concen: 49.793 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	216423		
182	94.9	48.1	144.3	
145	29.1	15.4	46.1	

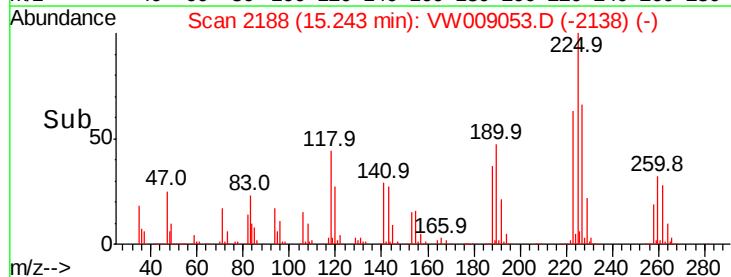
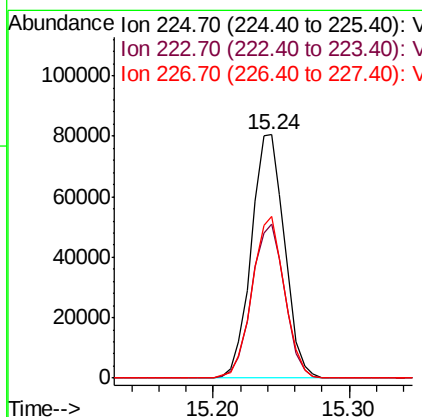
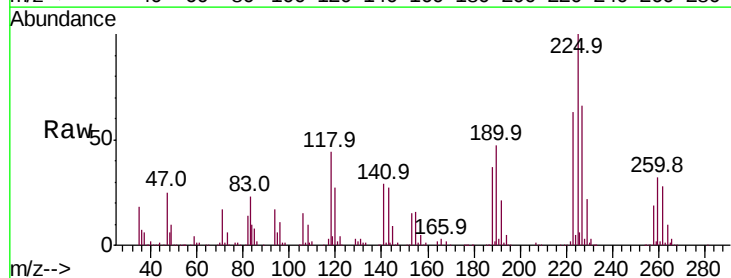
Manual Integrations
 APPROVED

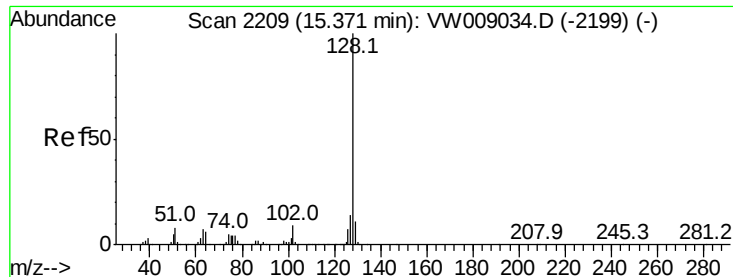
MMDadoda
 3/11/2019 2:53:18 PM



#94
 Hexachlorobutadiene
 Concen: 50.652 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009053.D
 Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137898		
223	62.8	31.6	94.8	
227	64.8	32.0	96.2	





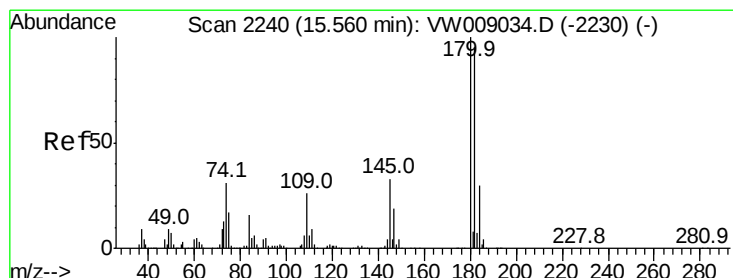
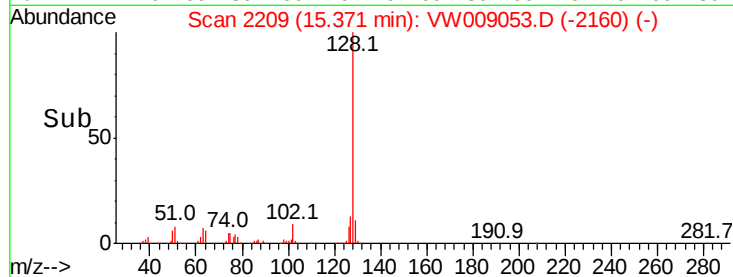
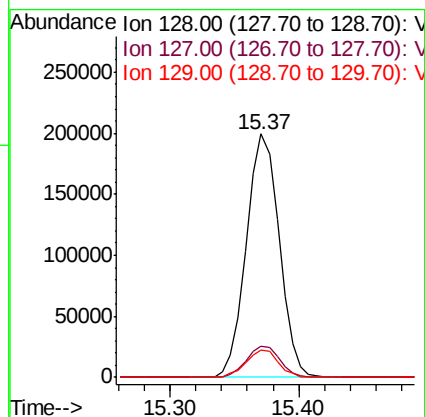
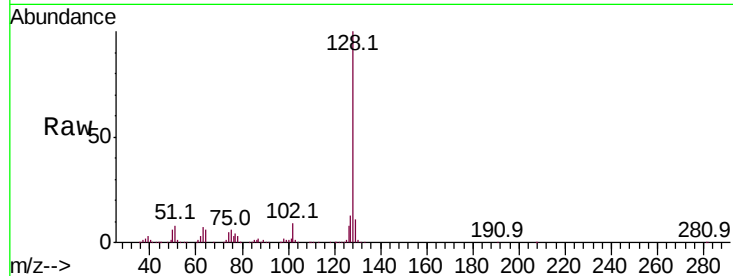
#95
Naphthalene
Concen: 49.430 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
3/11/2019 2:53:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.457 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009053.D
Acq: 08 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	32.0	15.8	47.3

