

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011367.D
 Acq On : 19 Jul 2019 07:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:51:30 AM

Quant Time: Jul 19 08:56:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136582	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	110202	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.88	113	86602	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	10.32	98	343916	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	12.62	95	124892	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	54819	40.603	ug/l	97
3) Chloromethane	2.21	50	81235	46.694	ug/l	100
4) Vinyl Chloride	2.35	62	95660	42.010	ug/l	97
5) Bromomethane	2.75	94	48348	42.255	ug/l	97
6) Chloroethane	2.90	64	55255	45.052	ug/l	97
7) Trichlorofluoromethane	3.24	101	31971	39.523	ug/l	97
8) Diethyl Ether	3.67	74	55250	49.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	84561	43.642	ug/l	99
10) Methyl Iodide	4.26	142	126399	47.430	ug/l	99
11) Tert butyl alcohol	5.17	59	43408	257.747	ug/l	97
12) 1,1-Dichloroethene	4.03	96	90601	45.051	ug/l	93
13) Acrolein	3.89	56	16802	125.289	ug/l	97
14) Allyl chloride	4.65	41	166212	45.323	ug/l	98
15) Acrylonitrile	5.36	53	147352	258.497	ug/l	99
16) Acetone	4.11	43	124313	227.129	ug/l	100
17) Carbon Disulfide	4.38	76	260090	42.659	ug/l	99
18) Methyl Acetate	4.66	43	90407	58.320	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	152412	49.947	ug/l	99
20) Methylene Chloride	4.91	84	108941	50.455	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	100825	48.249	ug/l	97
22) Diisopropyl ether	6.31	45	395647	50.160	ug/l	97
23) Vinyl Acetate	6.25	43	1167516	239.175	ug/l	100
24) 1,1-Dichloroethane	6.21	63	204049	49.265	ug/l	100
25) 2-Butanone	7.16	43	222606	259.099	ug/l	97
26) 2,2-Dichloropropane	7.16	77	80349	37.319	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	112581	49.943	ug/l	99
28) Bromochloromethane	7.51	49	83040	44.092	ug/l	99
29) Tetrahydrofuran	7.52	42	146581	260.193	ug/l	100
30) Chloroform	7.67	83	189929	49.515	ug/l	98
31) Cyclohexane	7.95	56	186529	42.332	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	136410	46.750	ug/l	99
36) 1,1-Dichloropropene	8.08	75	147294	45.087	ug/l	100
37) Ethyl Acetate	7.24	43	98103	49.981	ug/l	99
38) Carbon Tetrachloride	8.06	117	122412	44.202	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	171145	43.223	ug/l	99
40) Benzene	8.32	78	431510	47.795	ug/l	99
41) Methacrylonitrile	7.48	41	61412	54.705	ug/l	91
42) 1,2-Dichloroethane	8.40	62	141699	48.382	ug/l	99
43) Isopropyl Acetate	8.42	43	183140	49.420	ug/l	99
44) Trichloroethene	9.09	130	102280	47.078	ug/l	97
45) 1,2-Dichloropropane	9.37	63	119228	48.767	ug/l	98
46) Dibromomethane	9.45	93	56916	49.558	ug/l	98
47) Bromodichloromethane	9.64	83	140570	47.837	ug/l	99
48) Methyl methacrylate	9.43	41	88683	49.743	ug/l	97
49) 1,4-Dioxane	9.44	88	19585	1021.656	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	497133	256.811	ug/l	99
52) Toluene	10.38	92	261123	47.679	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	134619	43.038	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	162506	44.139	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	80643	49.496	ug/l	98
56) Ethyl methacrylate	10.65	69	122093	49.220	ug/l	97
57) 1,3-Dichloropropane	10.93	76	152177	49.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	241835	210.296	ug/l	99
59) 2-Hexanone	10.97	43	335179	249.673	ug/l	100
60) Dibromochloromethane	11.13	129	87068	48.734	ug/l	99
61) 1,2-Dibromoethane	11.23	107	75645	49.015	ug/l	99
64) Tetrachloroethene	10.86	164	102179	54.807	ug/l	98
65) Chlorobenzene	11.66	112	266704	47.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	93701	47.375	ug/l	100
67) Ethyl Benzene	11.73	91	507416	47.186	ug/l	99
68) m/p-Xylenes	11.84	106	364375	93.644	ug/l	100
69) o-Xylene	12.16	106	173230	47.235	ug/l	98
70) Styrene	12.18	104	308629	48.762	ug/l	99
71) Bromoform	12.35	173	49584	47.152	ug/l #	98
73) Isopropylbenzene	12.46	105	468991	45.934	ug/l	100
74) N-amyl acetate	12.27	43	163972	46.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	99749	47.661	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83104m	52.651	ug/l	
77) Bromobenzene	12.74	156	108539	47.370	ug/l	97
78) n-propylbenzene	12.80	91	576013	45.798	ug/l	100
79) 2-Chlorotoluene	12.89	91	334256	46.183	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	403181	46.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25610	36.699	ug/l	98
82) 4-Chlorotoluene	12.99	91	354279	46.996	ug/l	100
83) tert-Butylbenzene	13.21	119	332746	45.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	409344	46.999	ug/l	99
85) sec-Butylbenzene	13.38	105	472559	45.272	ug/l	100
86) p-Isopropyltoluene	13.50	119	429030	45.825	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	208158	47.218	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	208062	46.869	ug/l	99
89) n-Butylbenzene	13.82	91	423802	45.377	ug/l	100
90) Hexachloroethane	14.10	117	76053	44.454	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	186527	46.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17560	47.302	ug/l	97

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QLast Update : Thu Jul 11 08:14:17 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	130586	47.405	ug/l	99
94) Hexachlorobutadiene	15.24	225	76782	45.401	ug/l	100
95) Naphthalene	15.37	128	264596	50.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117416	48.296	ug/l	99

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

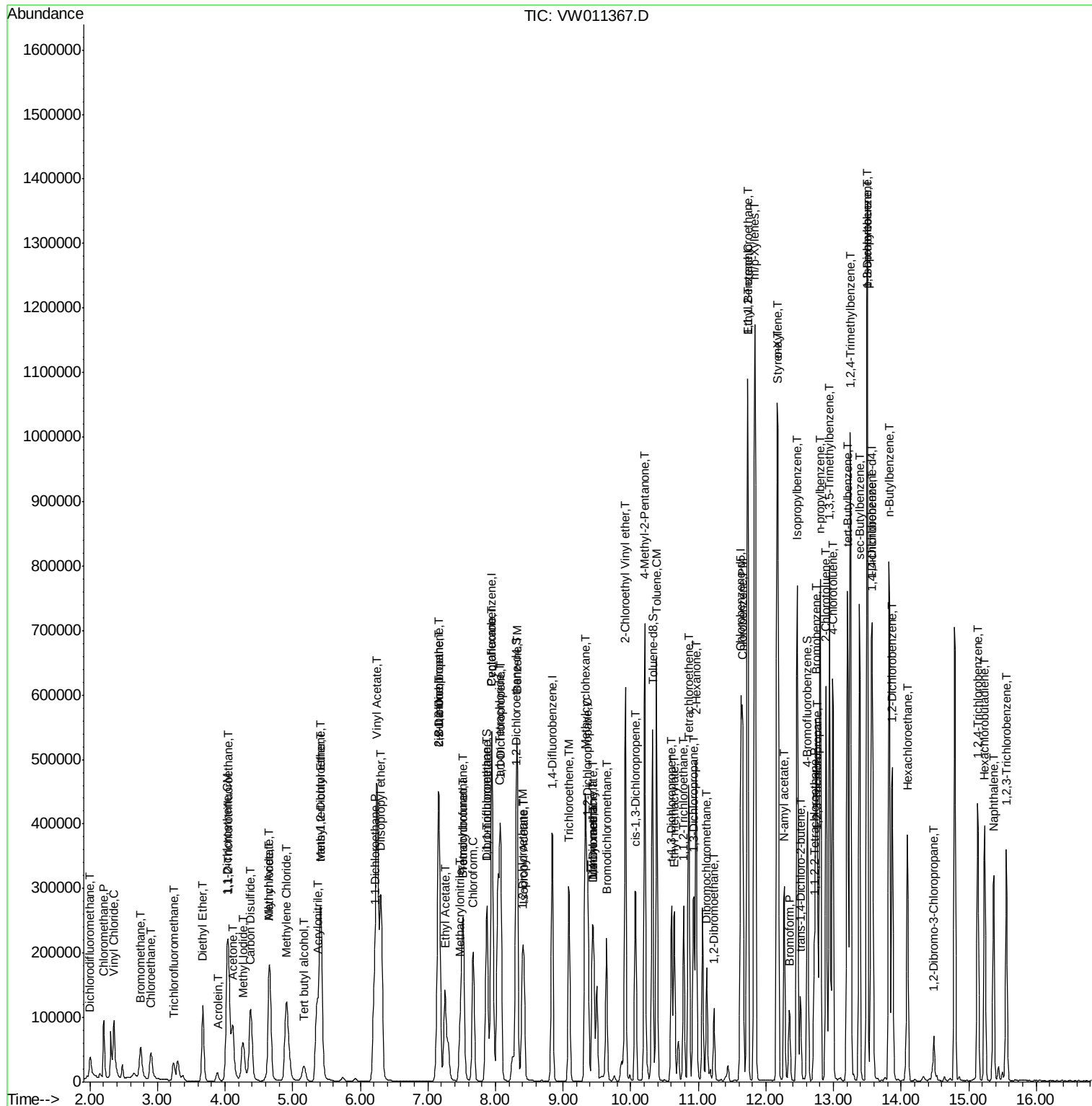
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
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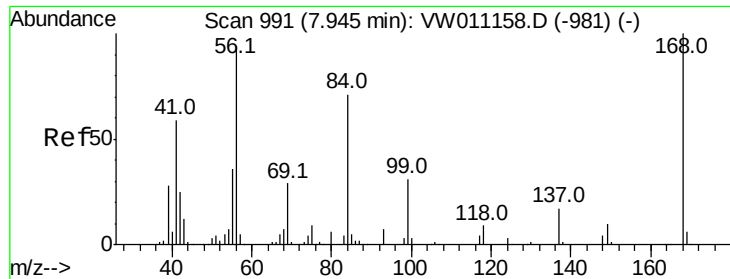
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 181031

Ion Ratio Lower Upper

168 100

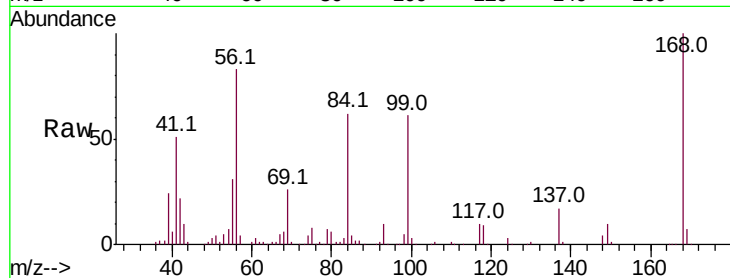
99 60.4 50.1 75.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

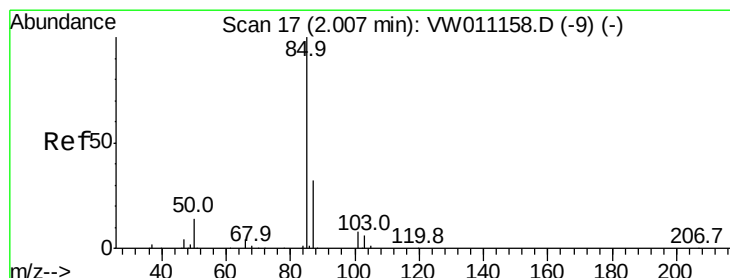
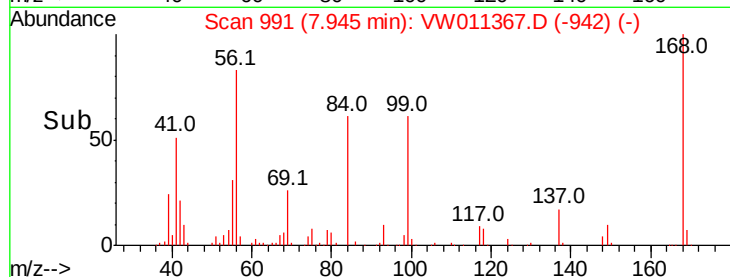
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.603 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW011367.D

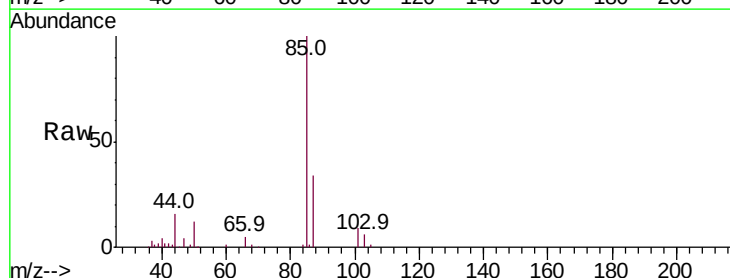
Acq: 19 Jul 2019 07:25

Tgt Ion: 85 Resp: 54819

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

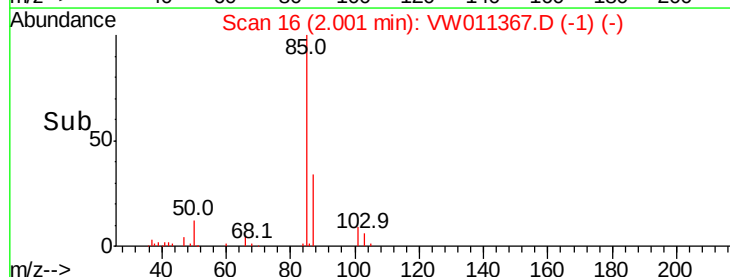
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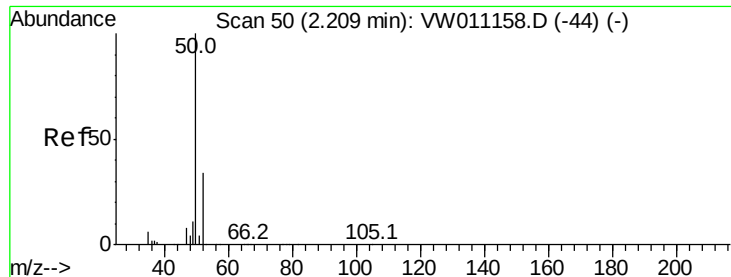
10000

5000

0

Time-->





#3

Chloromethane

Concen: 46.694 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 81235

Ion Ratio Lower Upper

50 100

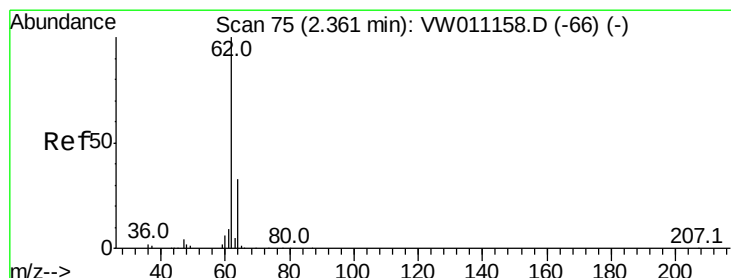
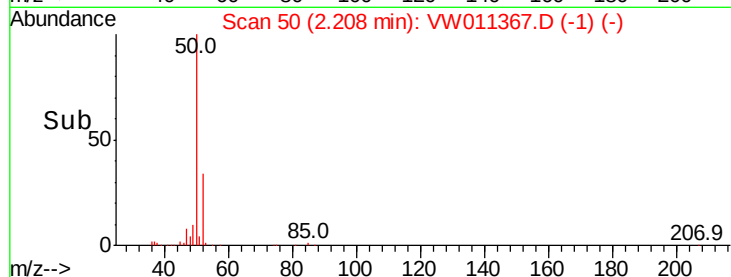
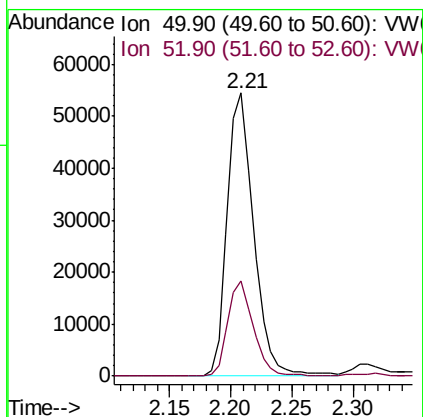
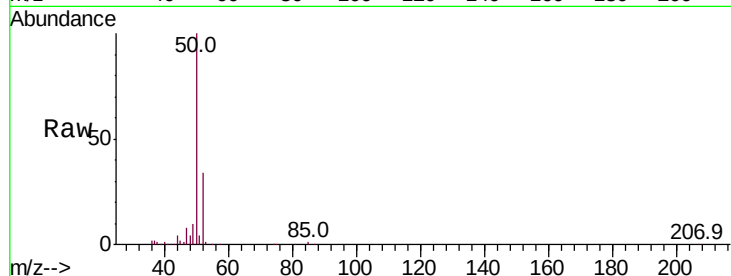
52 33.5 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.010 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011367.D

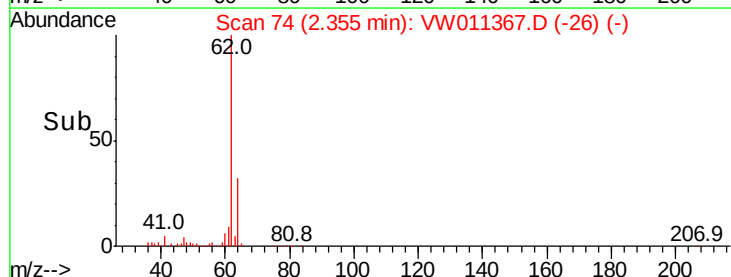
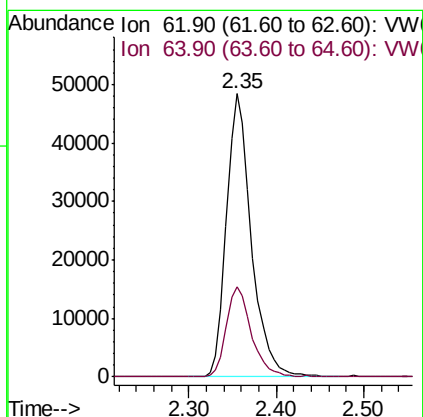
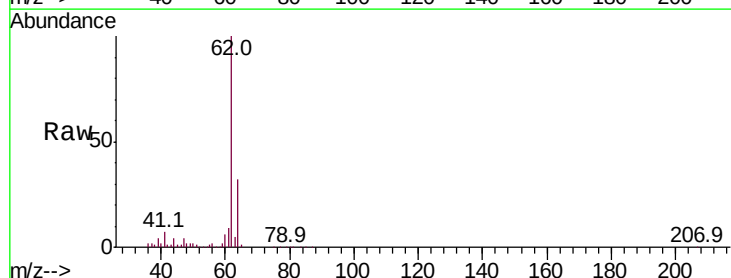
Acq: 19 Jul 2019 07:25

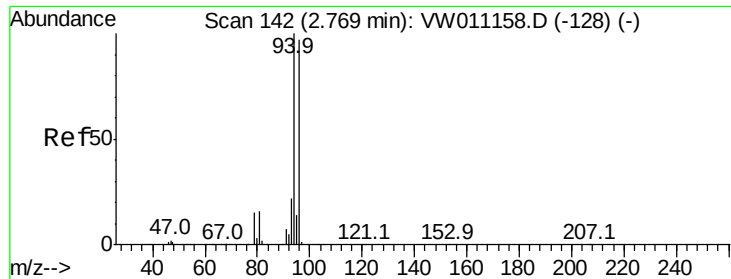
Tgt Ion: 62 Resp: 95660

Ion Ratio Lower Upper

62 100

64 31.6 26.6 40.0





#5

Bromomethane

Concen: 42.255 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 48348

Ion Ratio Lower Upper

94 100

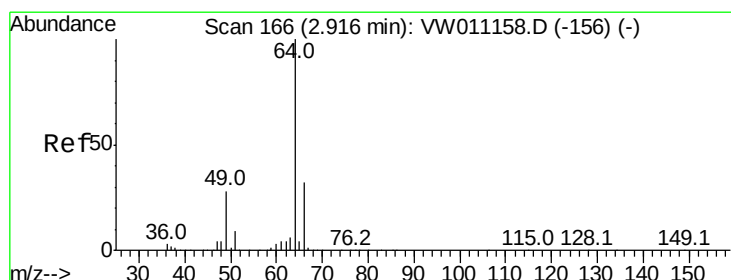
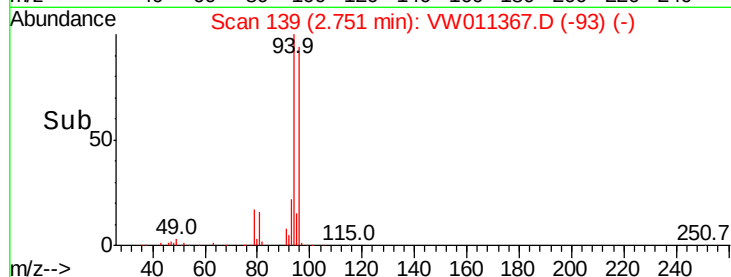
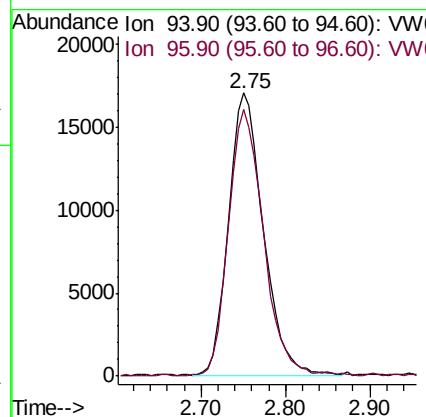
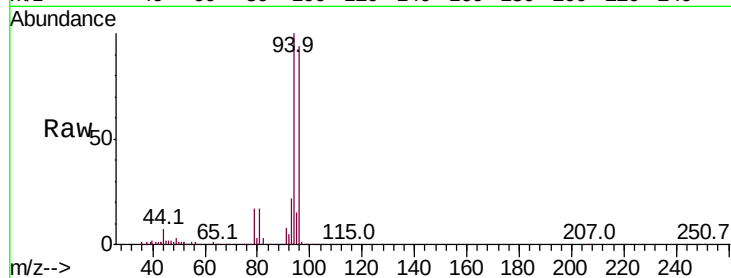
96 93.7 77.4 116.0

Manual Integrations

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#6

Chloroethane

Concen: 45.052 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW011367.D

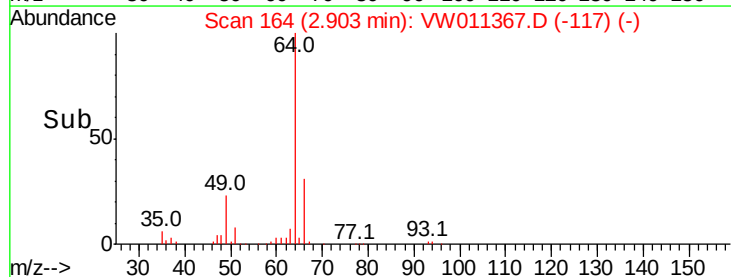
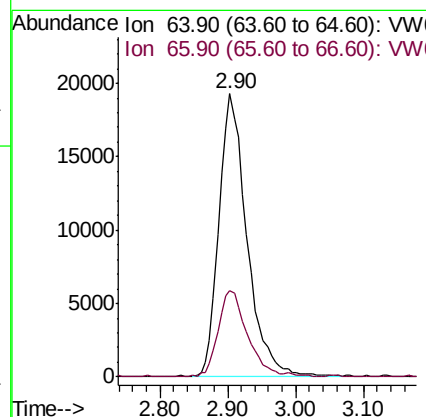
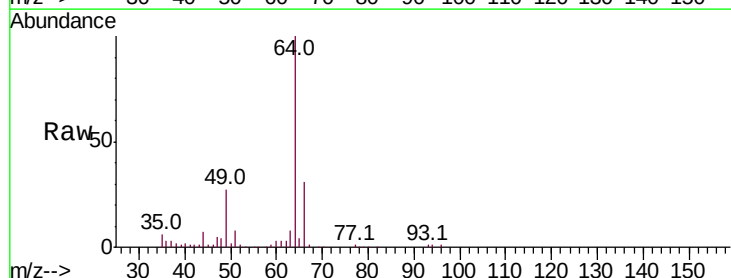
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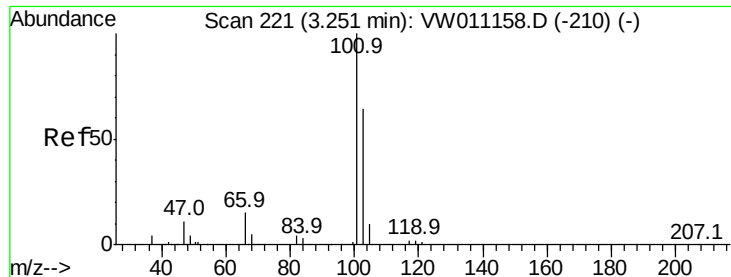
Tgt Ion: 64 Resp: 55255

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.8





#7

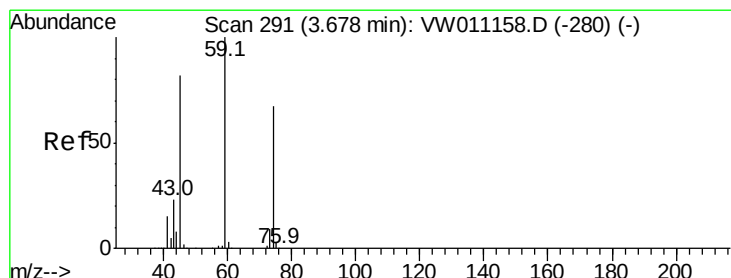
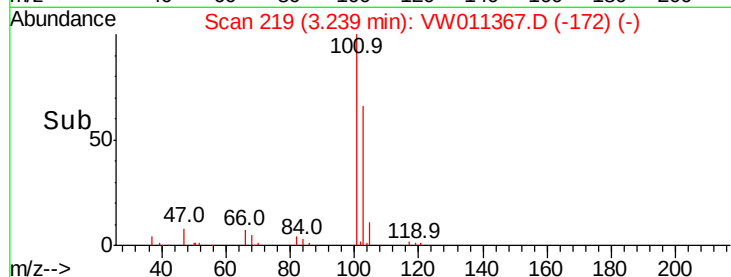
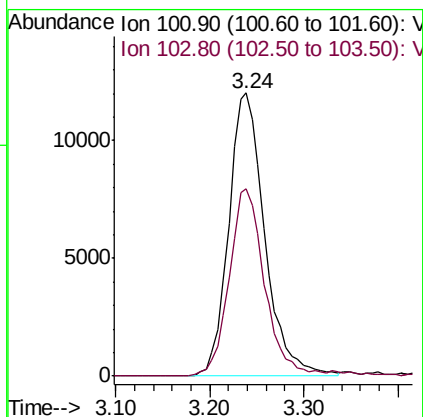
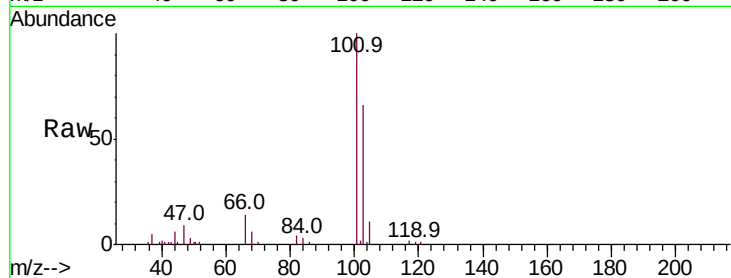
Trichlorofluoromethane
Concen: 39.523 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.3	76.9

Manual Integrations
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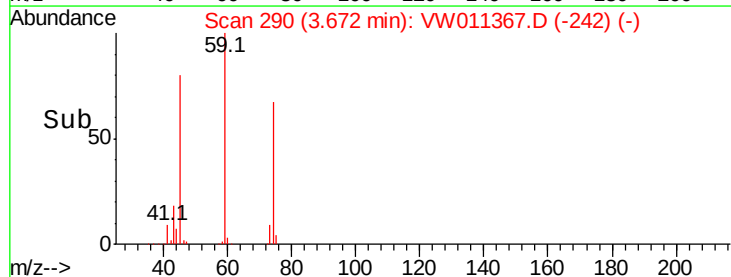
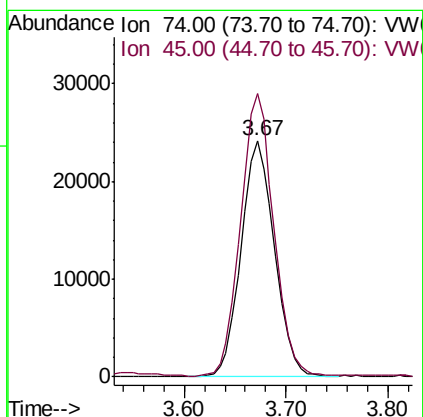
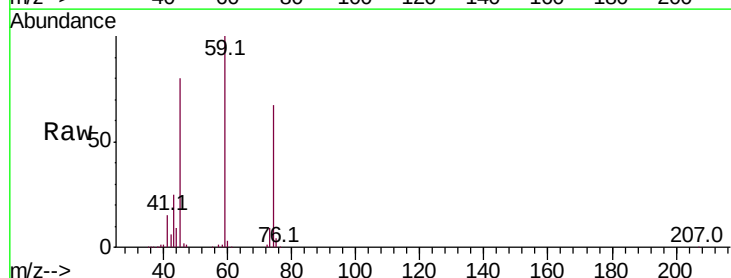
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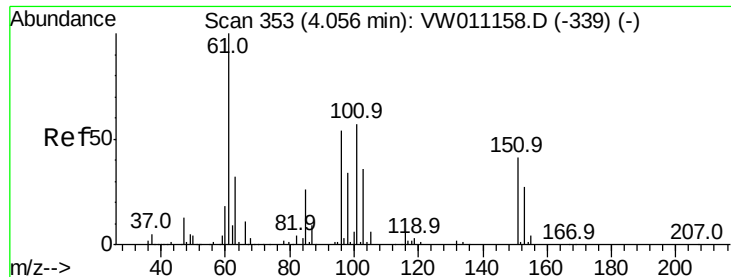


#8

Diethyl Ether
Concen: 49.363 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.2	59.9	179.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.642 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011367.D

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MSVOA_W

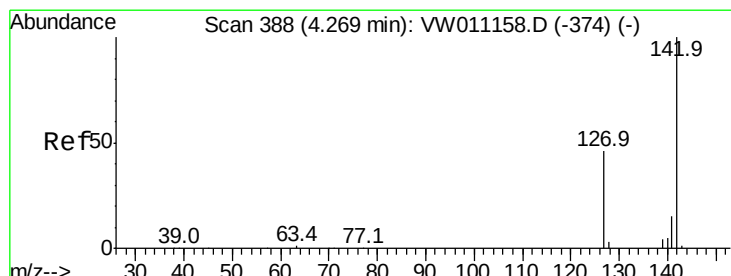
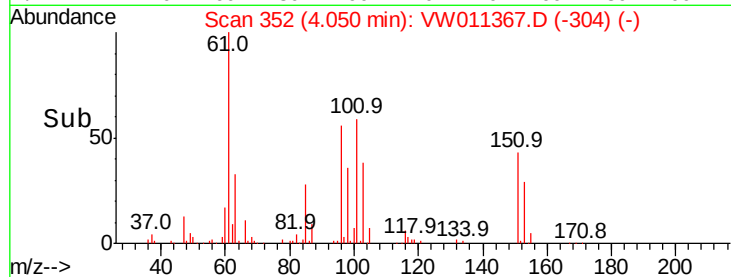
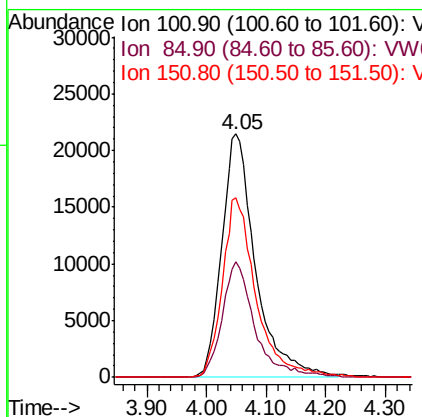
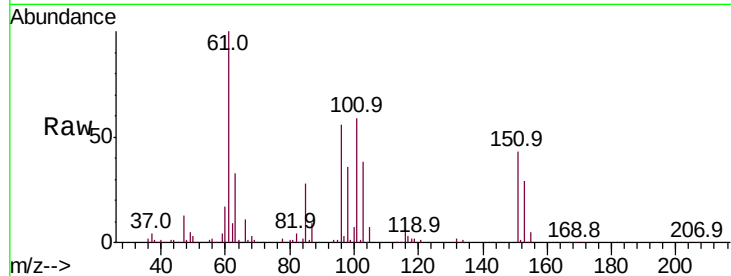
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	84561
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.5	54.7
151	73.6	59.1	88.7

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#10

Methyl Iodide

Concen: 47.430 ug/l

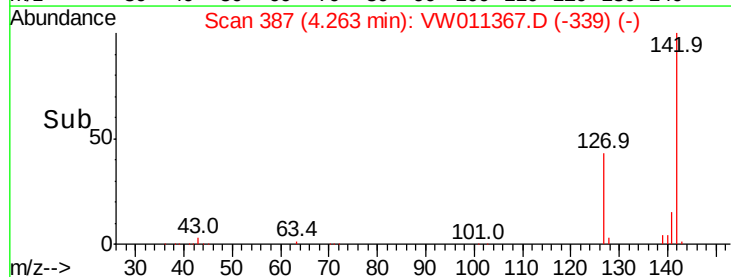
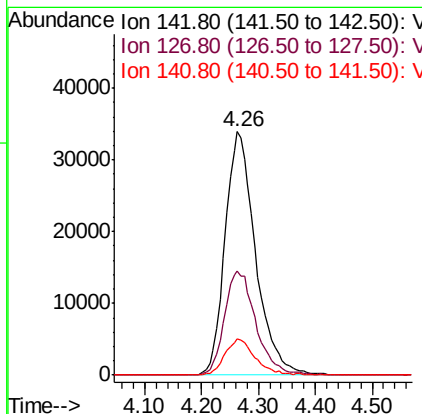
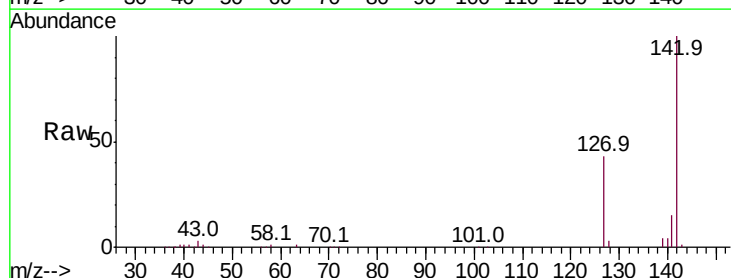
RT: 4.26 min Scan# 387

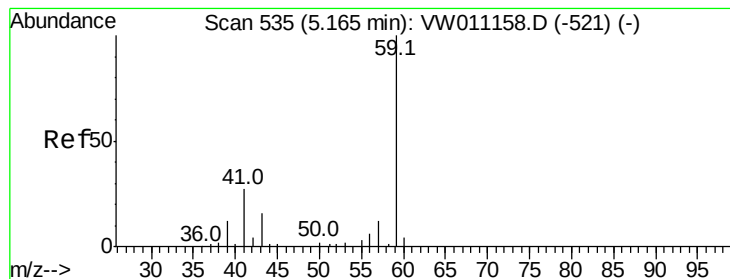
Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	142	Resp:	126399
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.7	53.5
141	14.8	11.5	17.3





#11

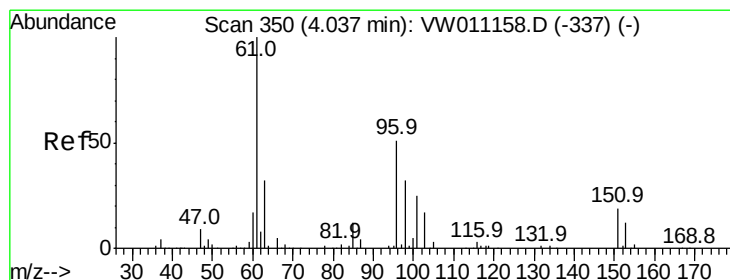
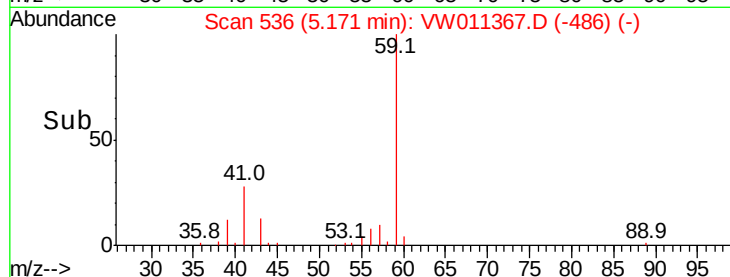
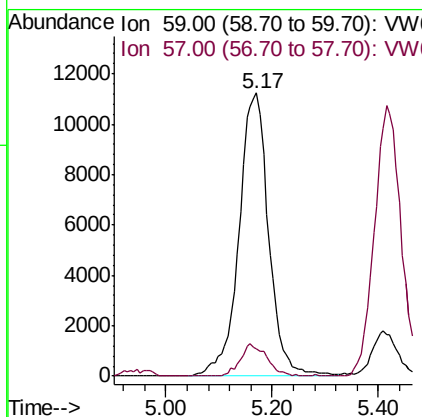
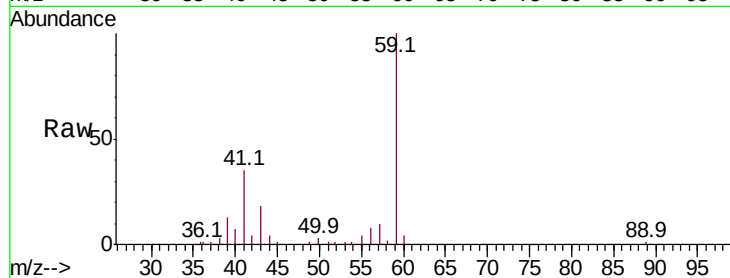
Tert butyl alcohol
 Concen: 257.747 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.2	Resp	43408	Lower	9.0	Upper	13.6
Ion	59	57	Ratio	100	10.2	Resp	43408	Lower	9.0	Upper	13.6

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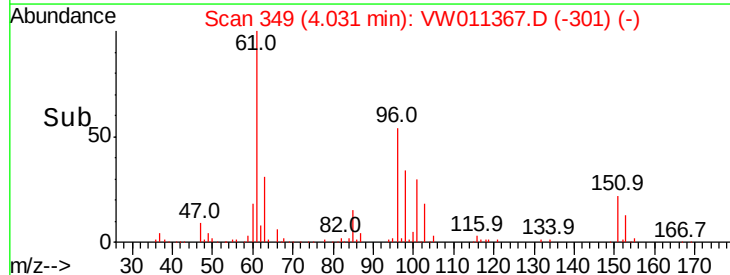
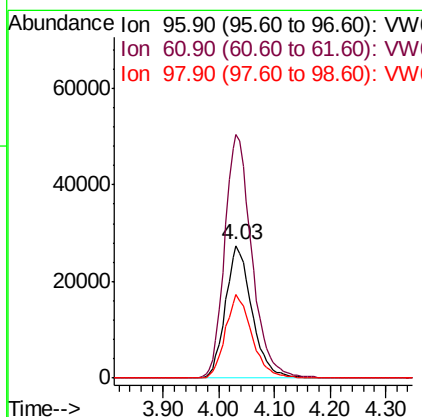
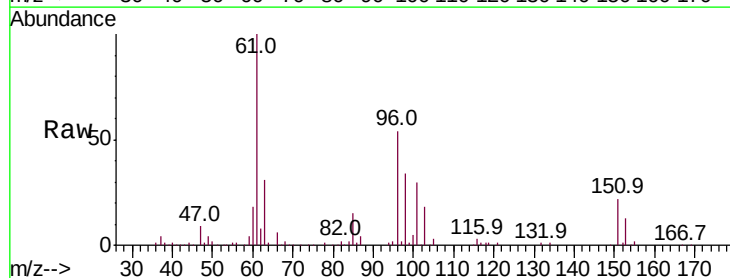
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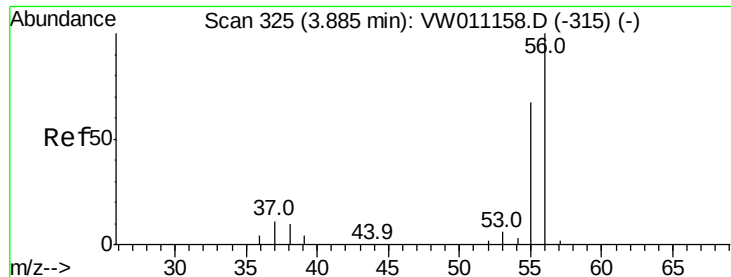


#12

1,1-Dichloroethene
 Concen: 45.051 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	96	61	98	Ratio	100	183.8	62.8	Resp	90601	Lower	157.7	50.9	Upper	236.5	76.3
Ion	96	61	98	Ratio	100	183.8	62.8	Resp	90601	Lower	157.7	50.9	Upper	236.5	76.3





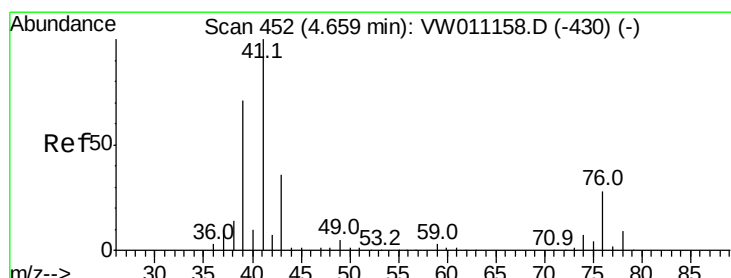
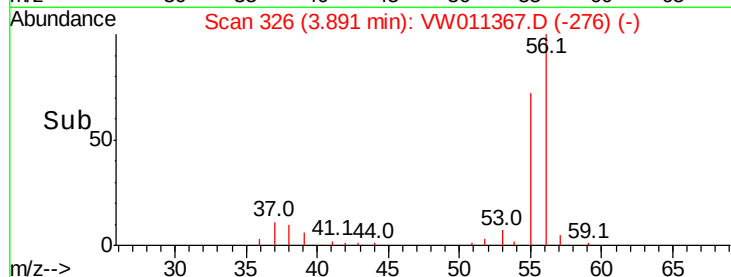
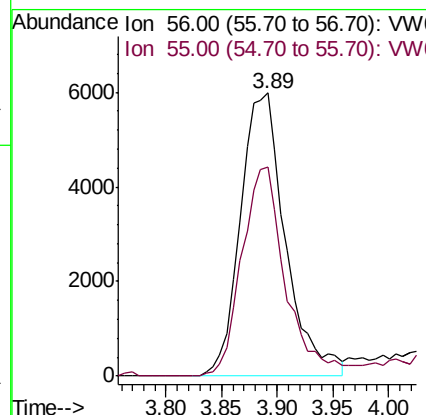
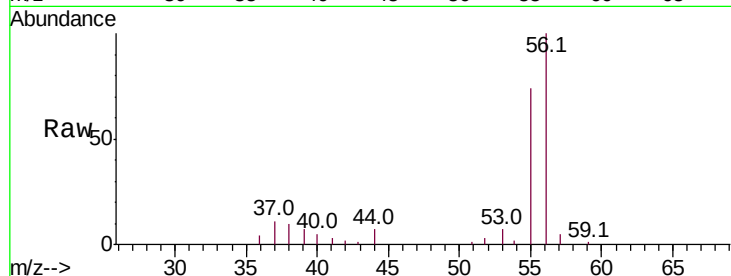
#13
Acrolein
Concen: 125.289 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	16802
Ion Ratio	Lower	Upper	
56	100		
55	72.9	56.4	84.6

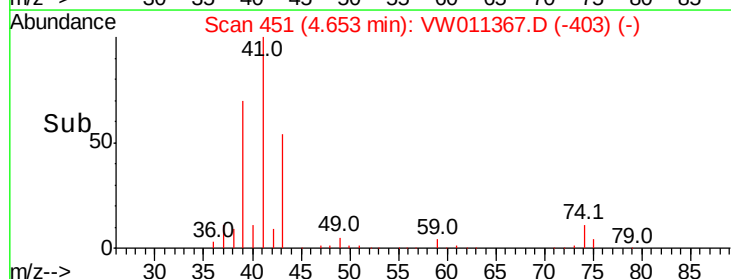
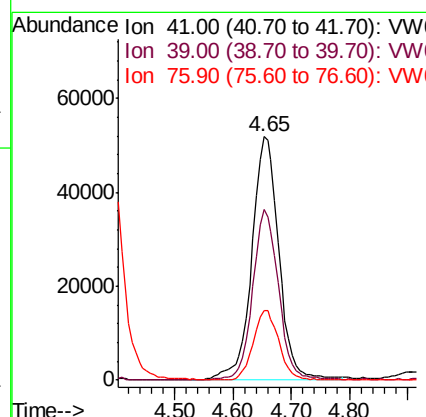
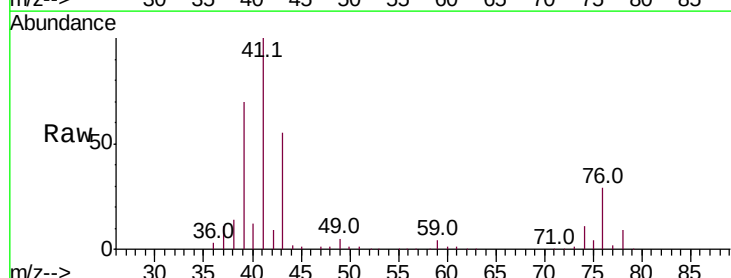
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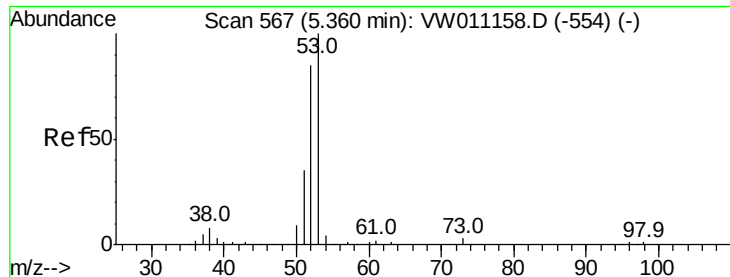
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#14
Allyl chloride
Concen: 45.323 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	41	Resp	166212
Ion Ratio	Lower	Upper	
41	100		
39	66.6	55.1	82.7
76	27.3	22.5	33.7





#15

Acrylonitrile

Concen: 258.497 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

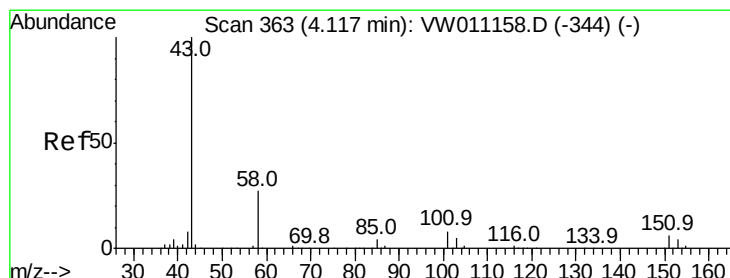
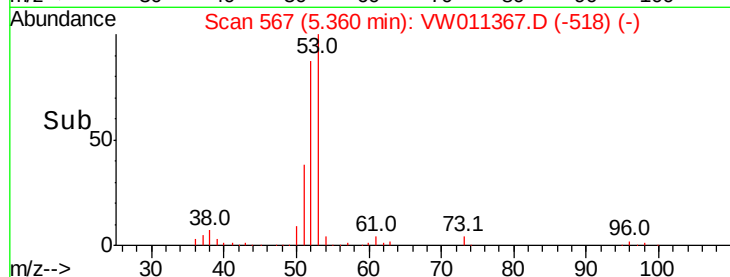
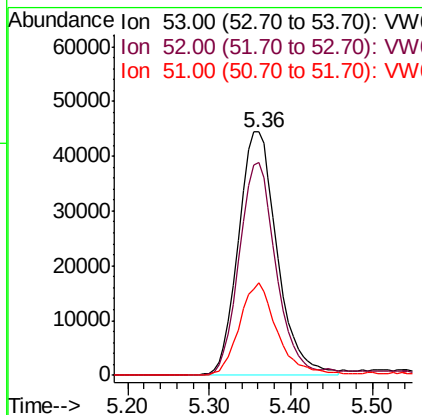
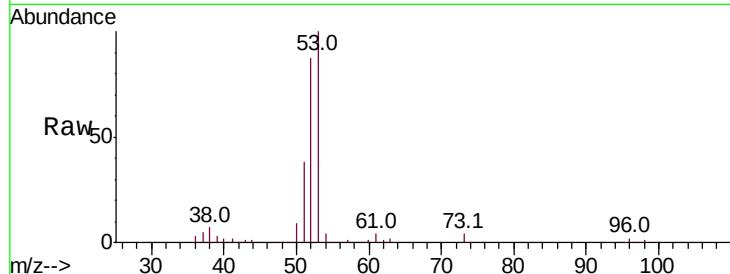
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	147352
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.2	99.4
51	37.2	29.1	43.7

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#16

Acetone

Concen: 227.129 ug/l

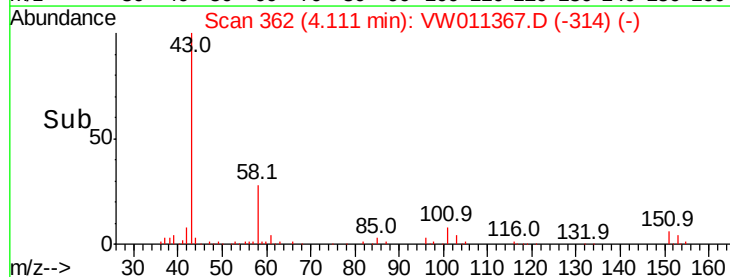
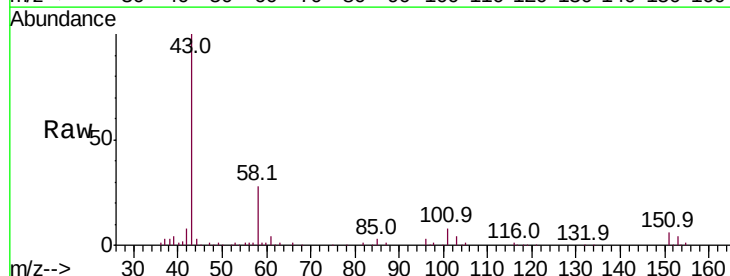
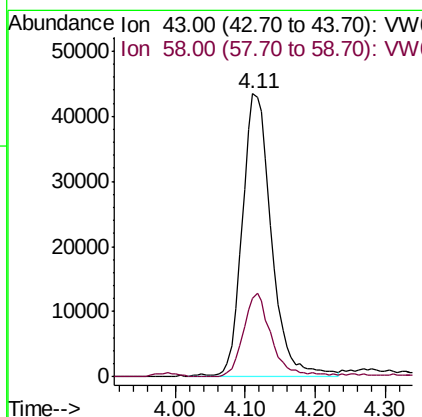
RT: 4.11 min Scan# 362

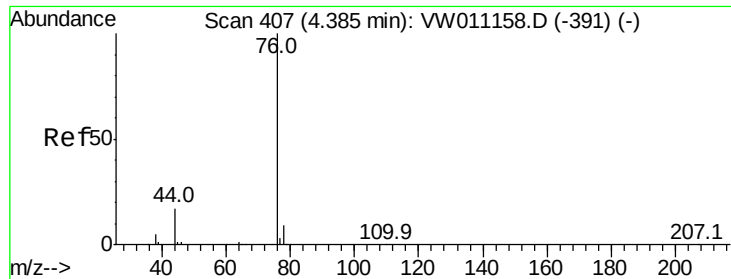
Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	43	Resp:	124313
Ion Ratio	Lower	Upper	
43	100		
58	27.4	21.8	32.6





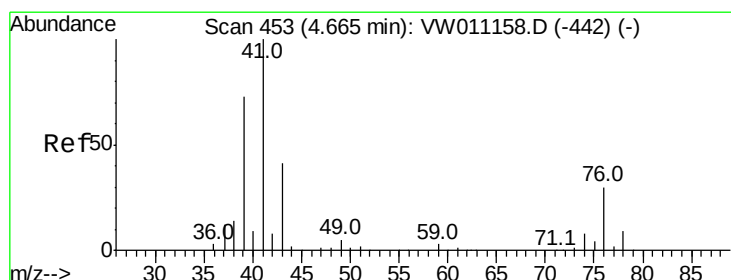
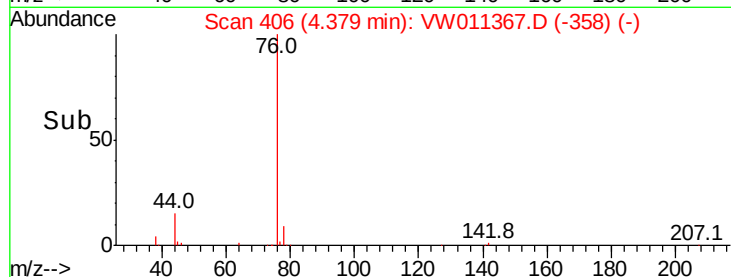
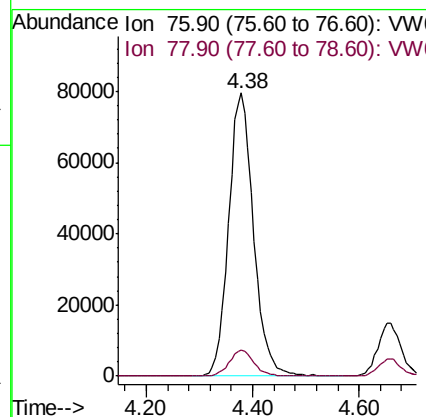
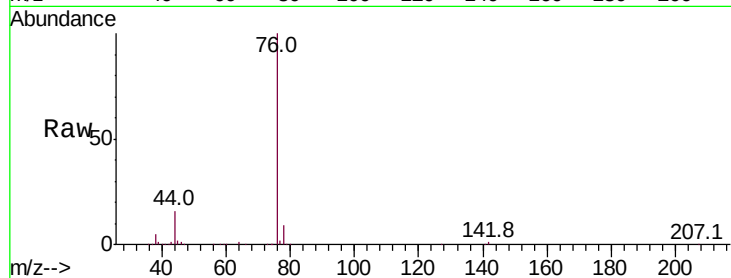
#17
Carbon Disulfide
Concen: 42.659 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

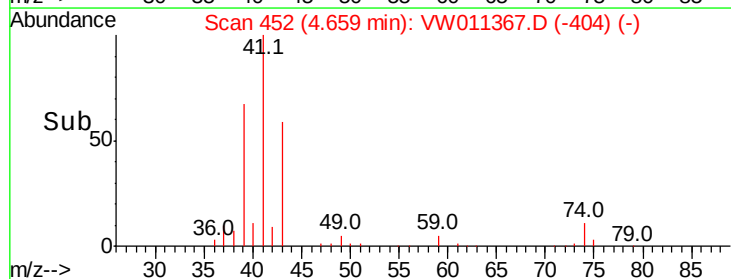
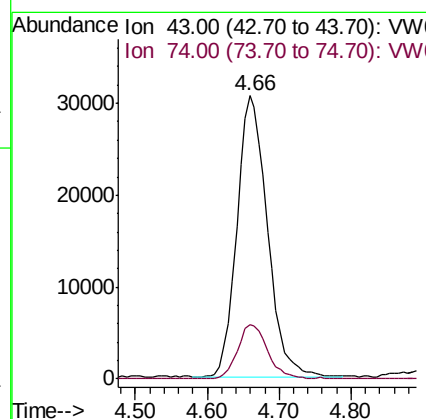
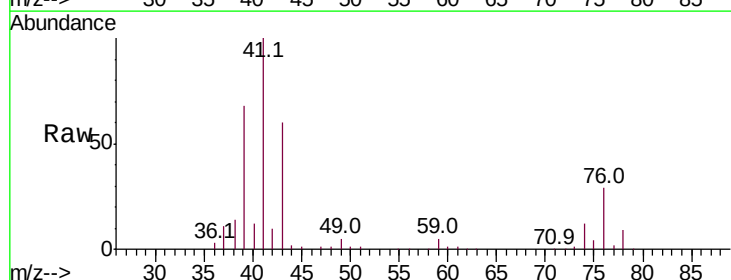
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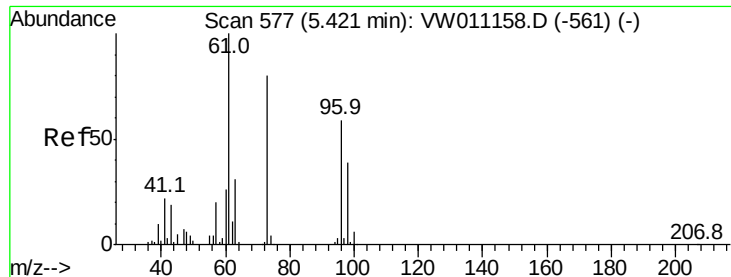
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#18
Methyl Acetate
Concen: 58.320 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	15.7	23.5





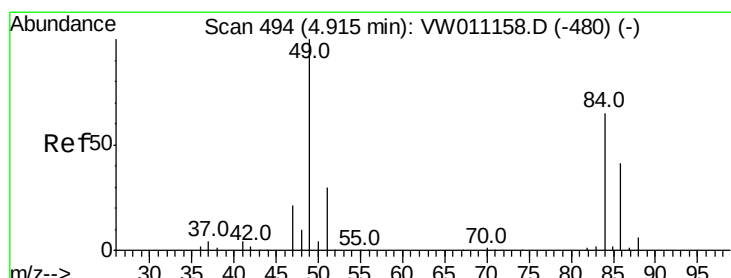
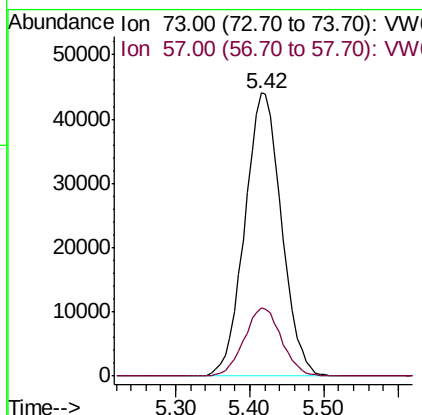
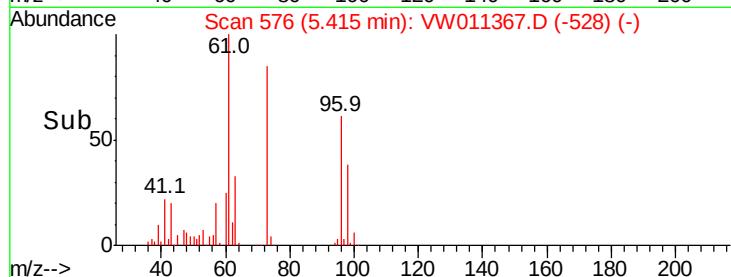
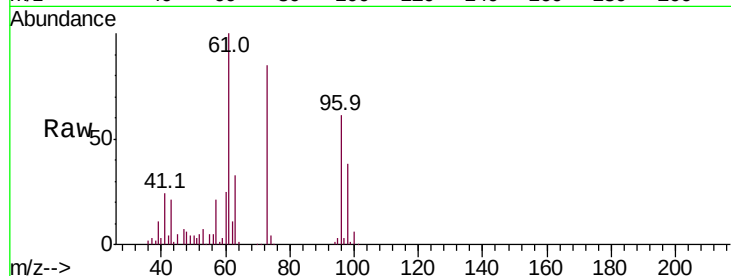
#19
Methyl tert-butyl Ether
Concen: 49.947 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 152412
Ion Ratio Lower Upper
73 100
57 24.3 19.7 29.5

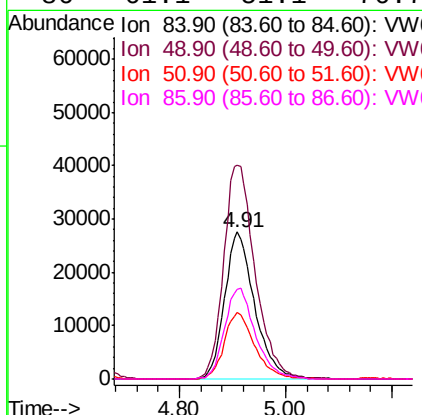
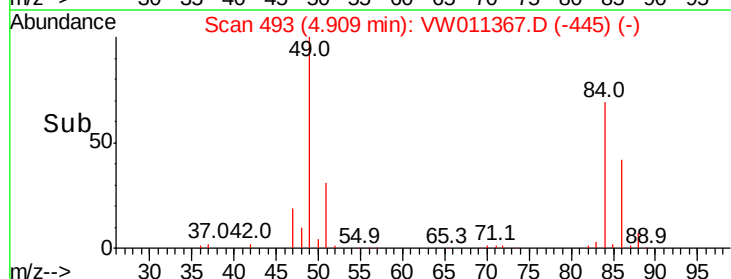
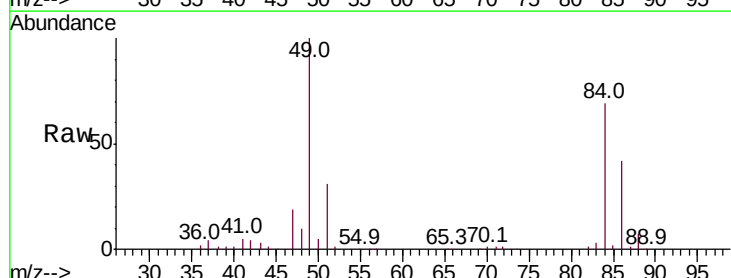
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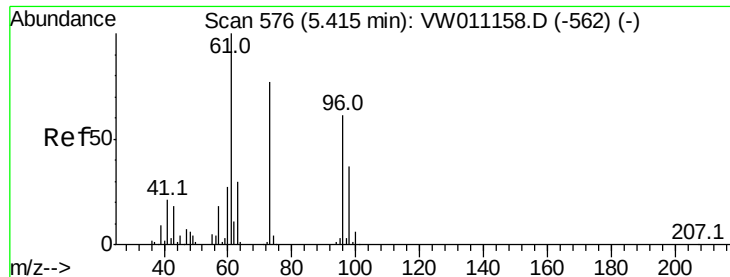
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#20
Methylene Chloride
Concen: 50.455 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 84 Resp: 108941
Ion Ratio Lower Upper
84 100
49 145.6 123.8 185.6
51 45.0 37.4 56.2
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.249 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

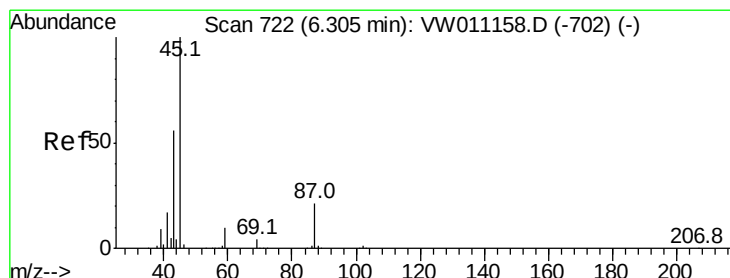
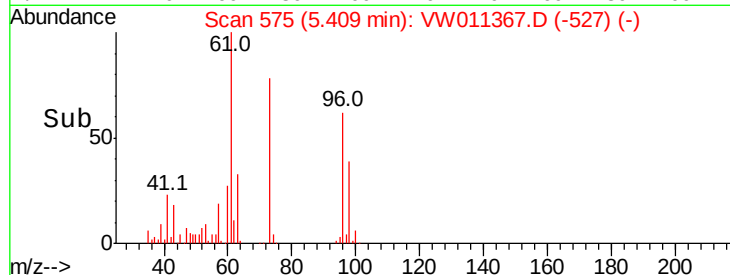
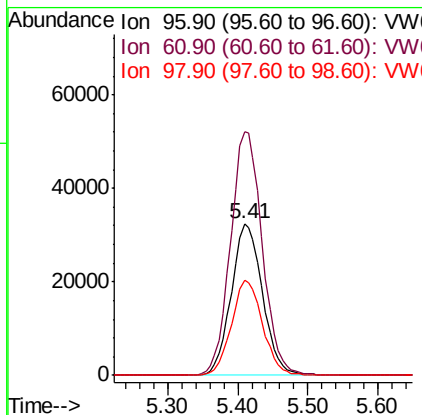
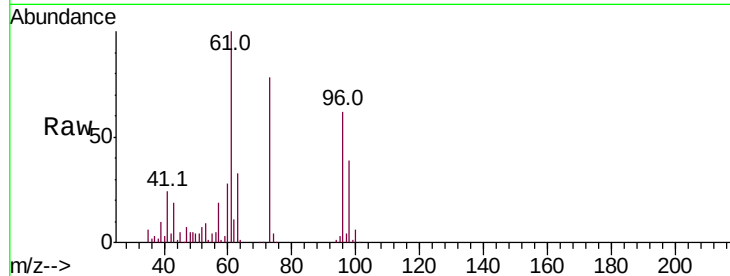
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	100825
Ion	Ratio	Lower	Upper
96	100		
61	160.4	132.2	198.2
98	63.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 50.160 ug/l

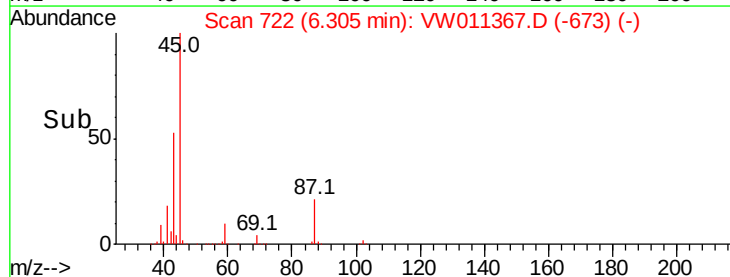
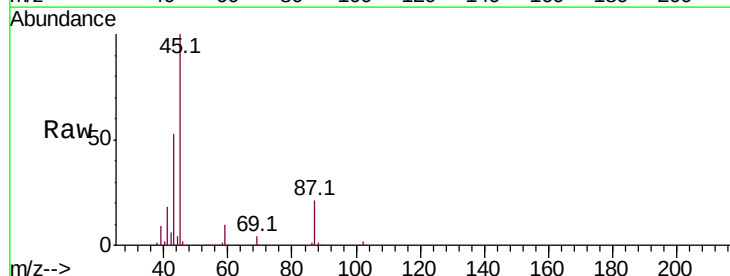
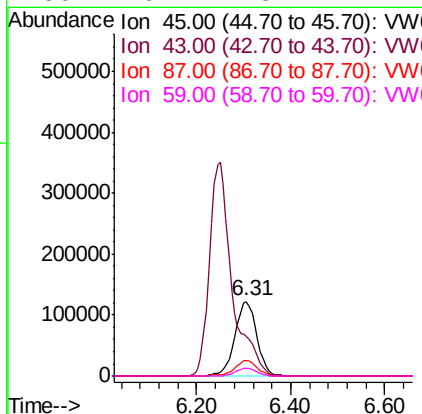
RT: 6.31 min Scan# 722

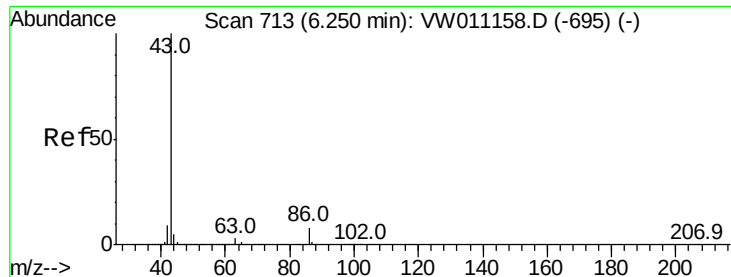
Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	45	Resp:	395647
Ion	Ratio	Lower	Upper
45	100		
43	52.6	44.6	66.8
87	20.9	17.3	25.9
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 239.175 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1167516

Ion Ratio Lower Upper

43 100

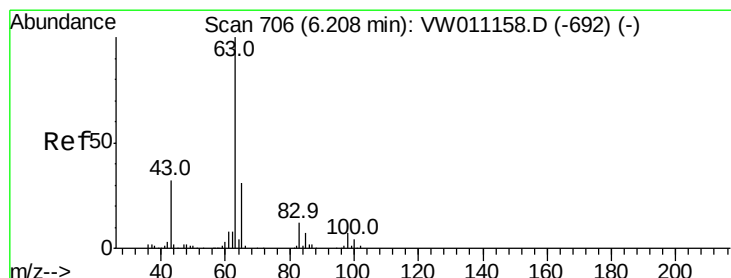
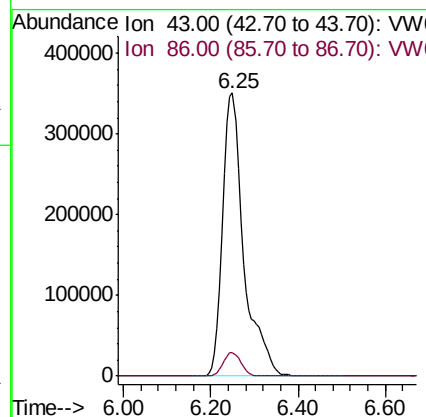
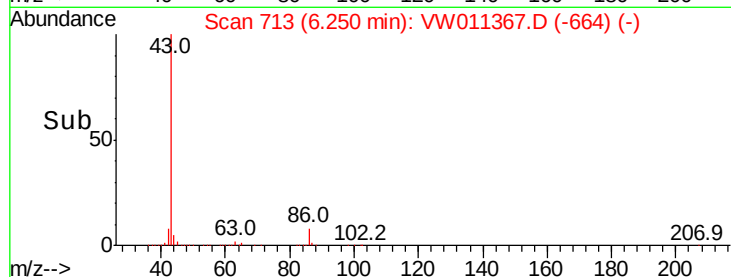
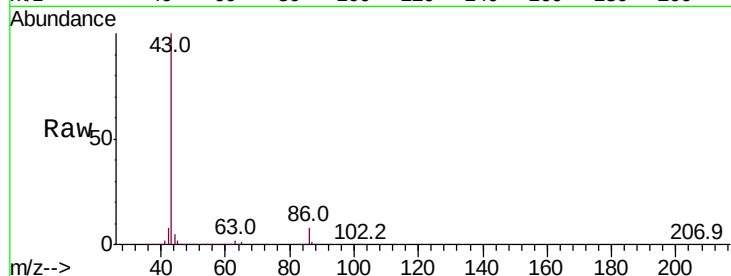
86 8.2 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 49.265 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

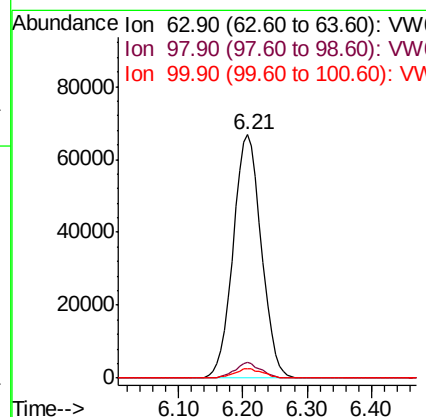
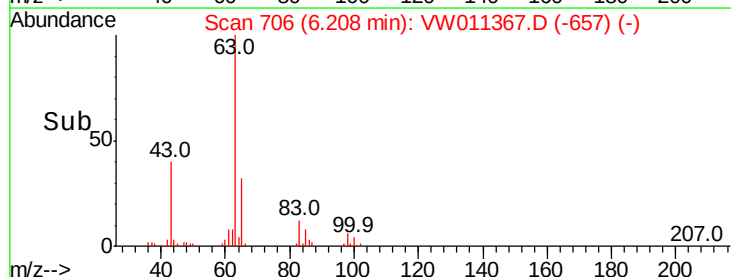
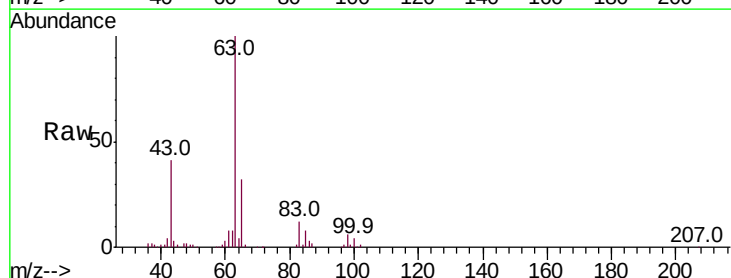
Tgt Ion: 63 Resp: 204049

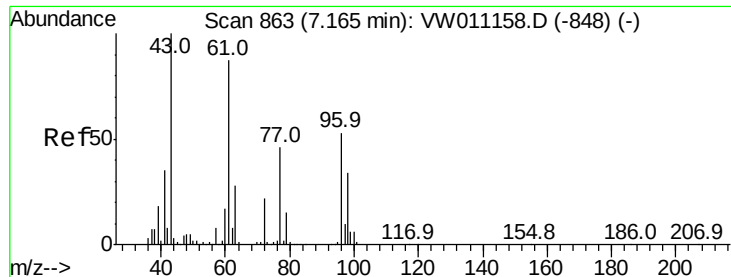
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 259.099 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 222606

Ion Ratio Lower Upper

43 100

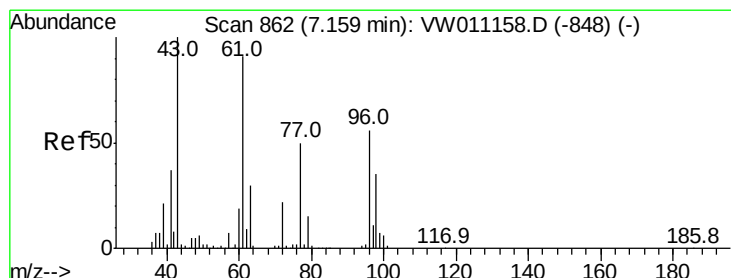
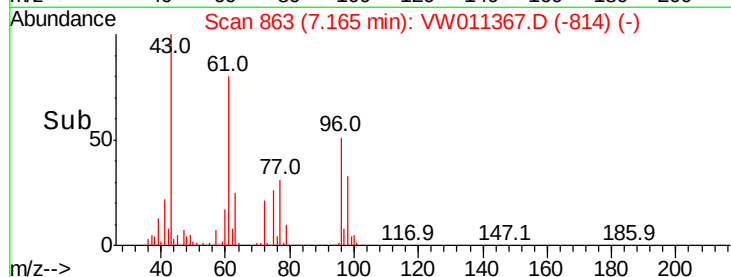
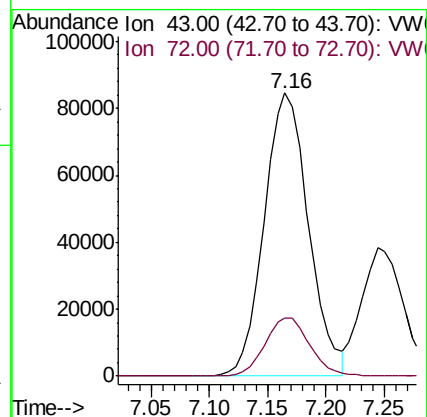
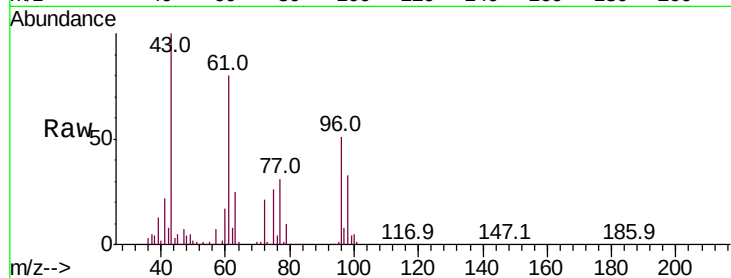
72 20.6 17.6 26.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.319 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW011367.D

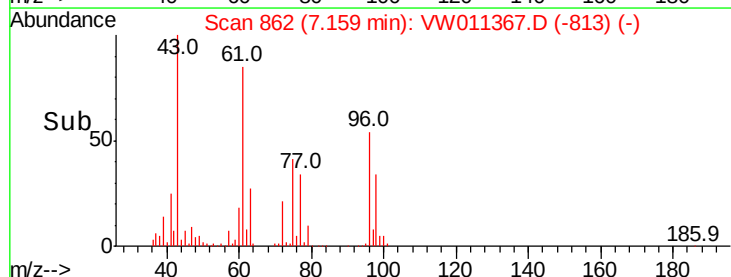
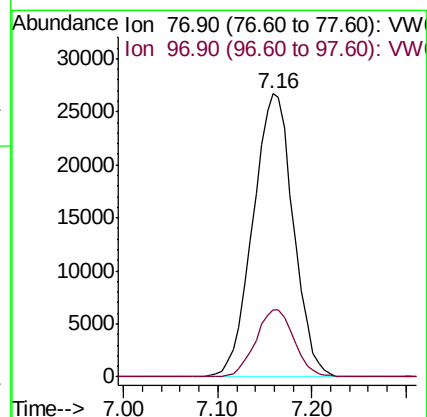
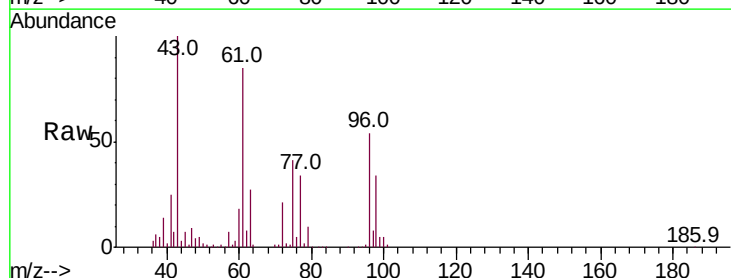
Acq: 19 Jul 2019 07:25

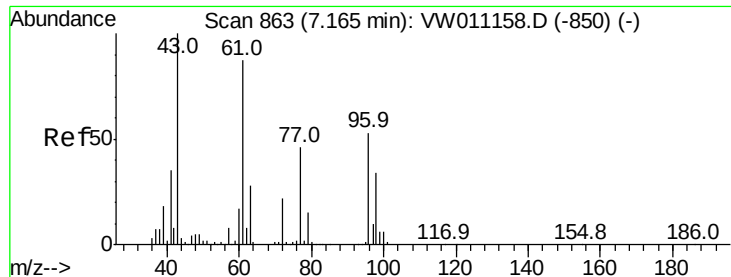
Tgt Ion: 77 Resp: 80349

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

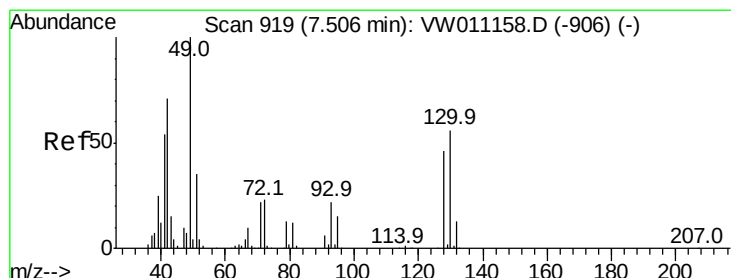
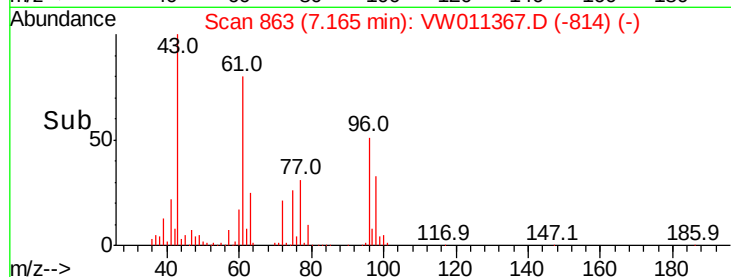
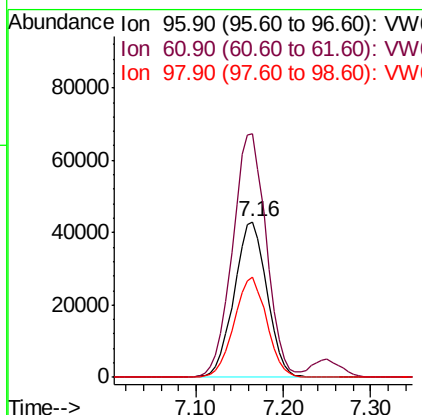
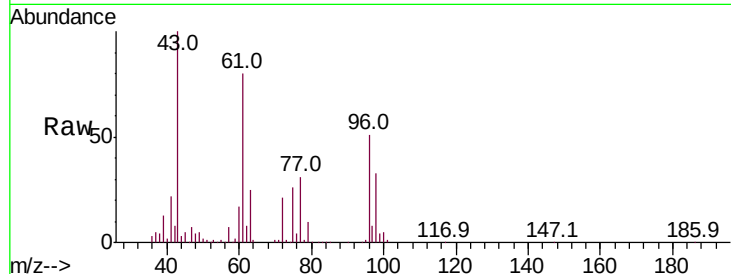
cis-1,2-Dichloroethene
Concen: 49.943 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	325.6
98	63.7	0.0	128.2

Manual Integrations
APPROVED

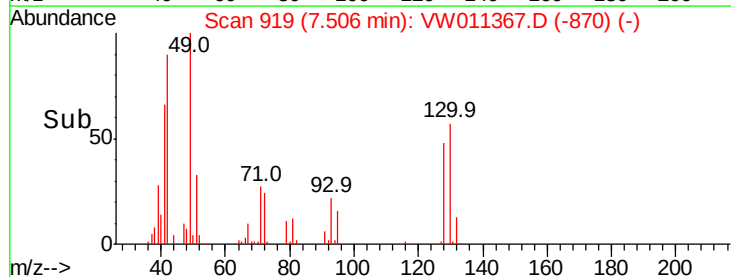
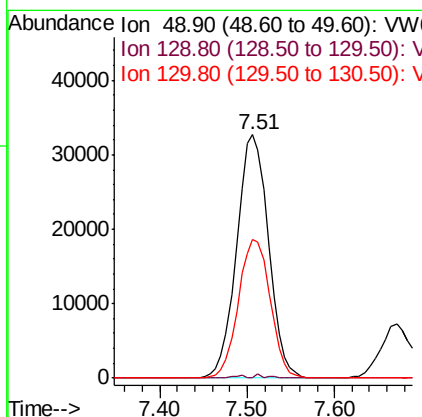
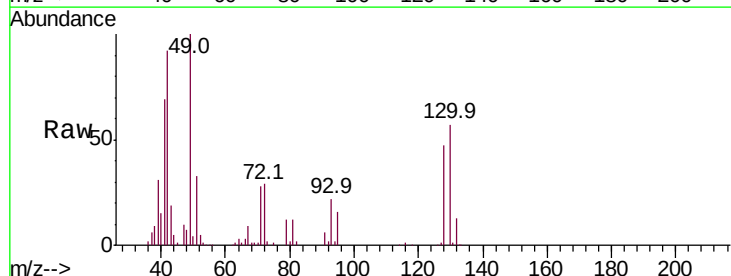
MMDadoda
7/19/2019 9:51:30 AM

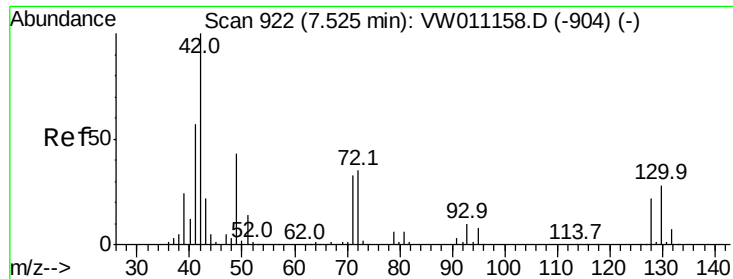


#28

Bromochloromethane
Concen: 44.092 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.4
130	56.7	45.8	68.8





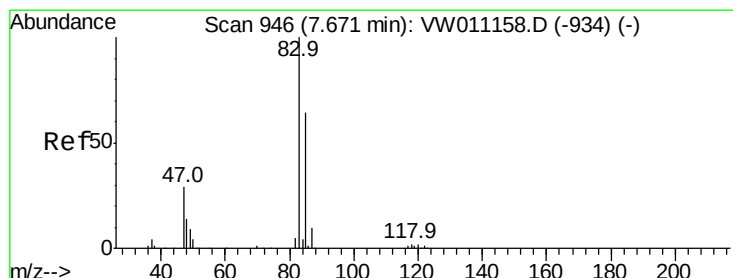
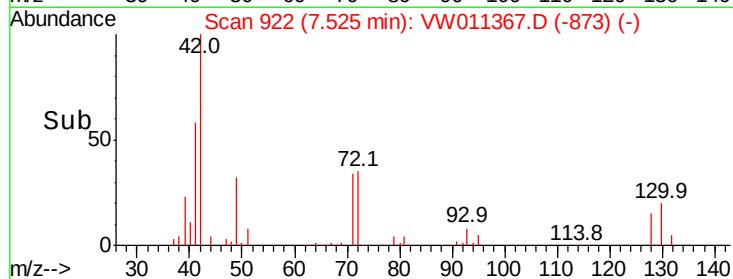
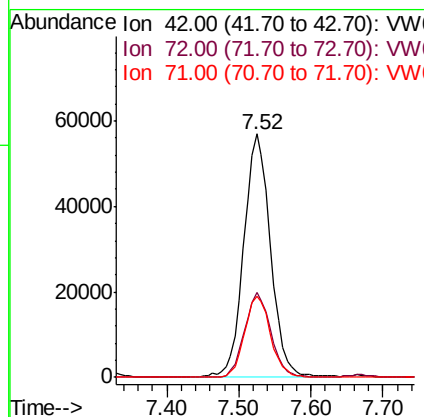
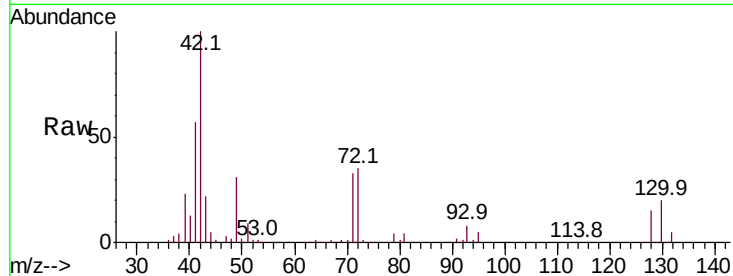
#29
Tetrahydrofuran
Concen: 260.193 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	146581
Ion Ratio		Lower	Upper
42	100		
72	34.1	27.4	41.2
71	32.5	25.9	38.9

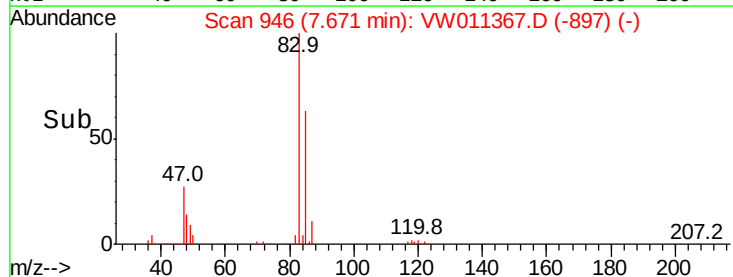
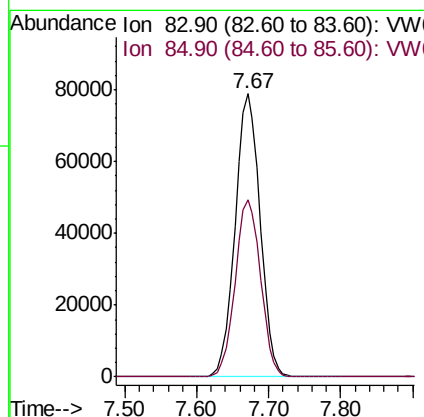
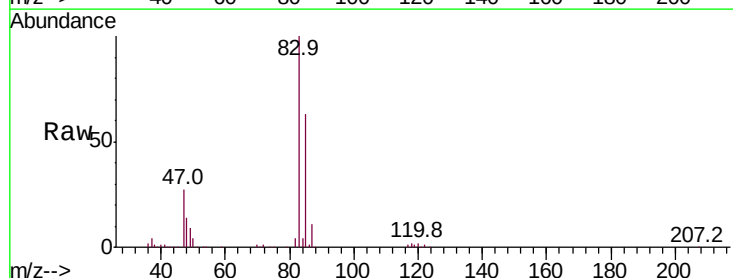
Manual Integrations
APPROVED

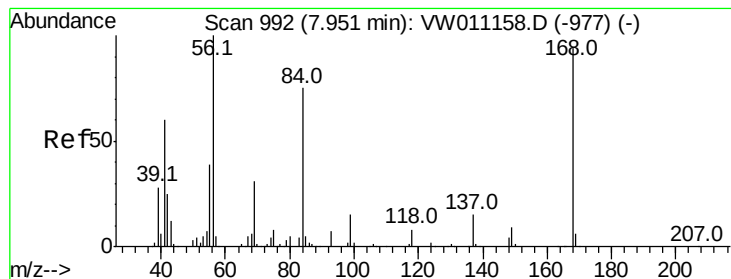
MMDadoda
7/19/2019 9:51:30 AM



#30
Chloroform
Concen: 49.515 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:	83	Resp:	189929
Ion Ratio		Lower	Upper
83	100		
85	62.8	51.4	77.2





#31

Cyclohexane

Concen: 42.332 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 186529

Ion Ratio Lower Upper

56 100

69 30.7 24.6 36.8

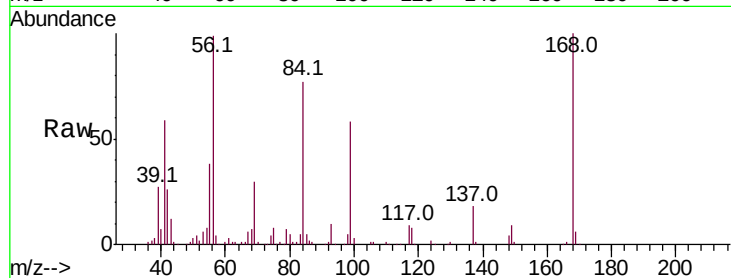
84 76.7 60.1 90.1

Manual Integrations

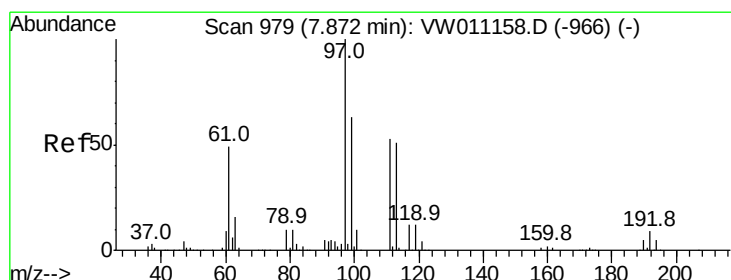
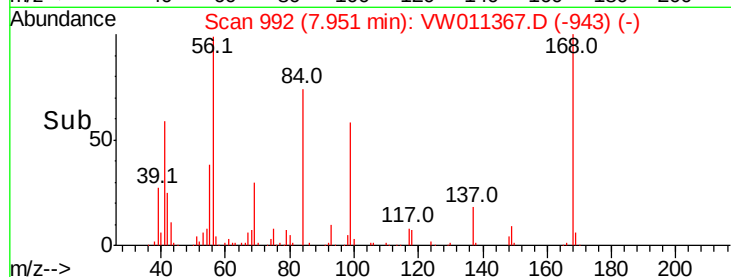
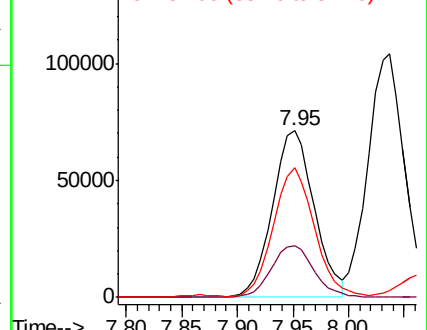
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7/19/2019 9:51:30 AM



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



#32

1,1,1-Trichloroethane

Concen: 46.750 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

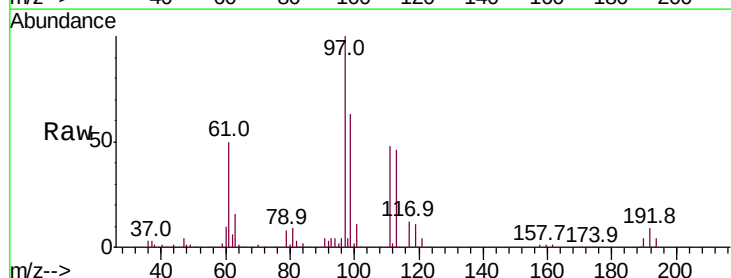
Tgt Ion: 97 Resp: 136410

Ion Ratio Lower Upper

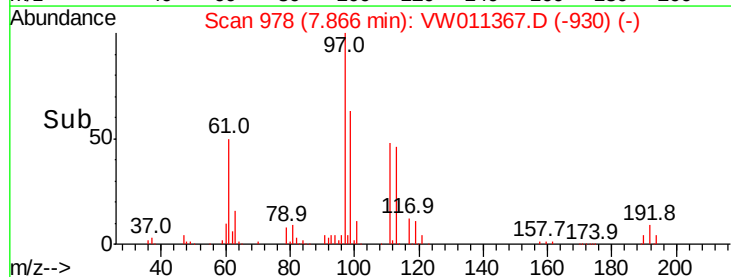
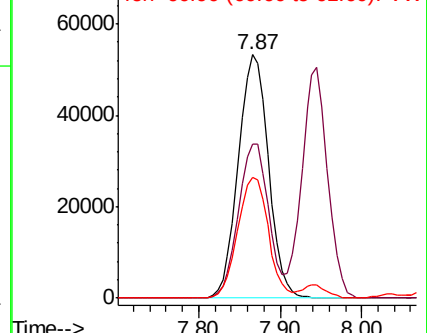
97 100

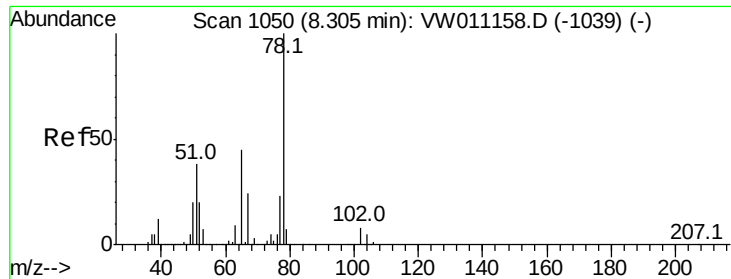
99 63.1 51.0 76.4

61 50.3 40.4 60.6



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





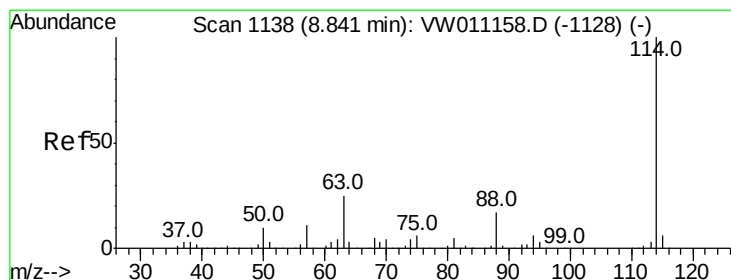
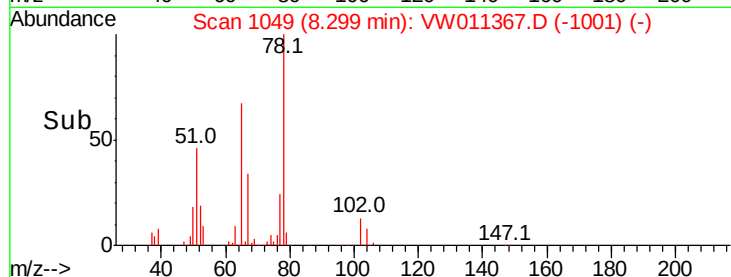
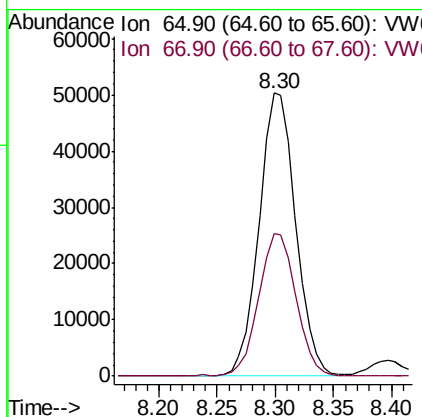
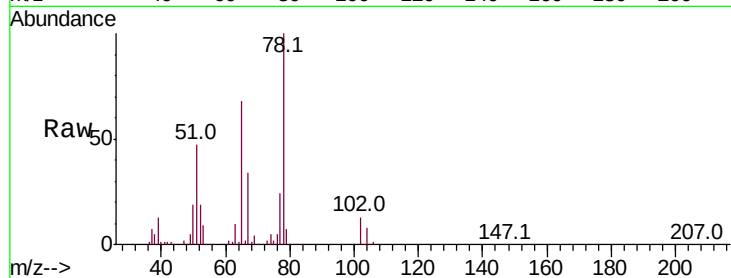
#33
 1,2-Dichloroethane-d4
 Concen: 48.446 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 110202
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4

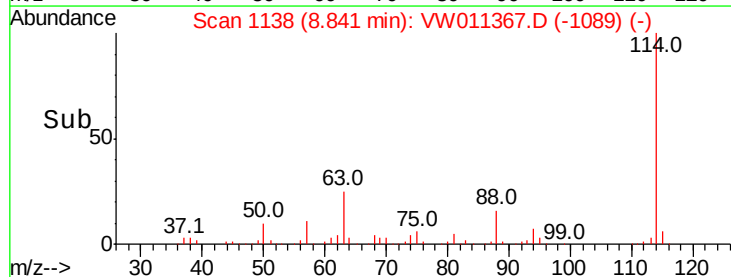
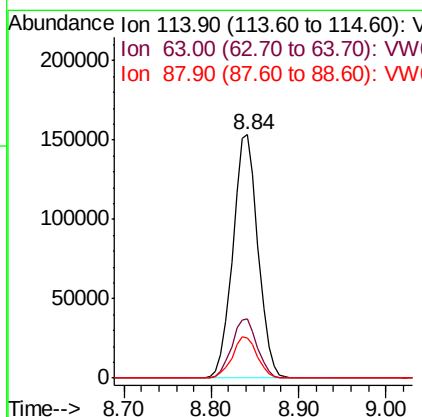
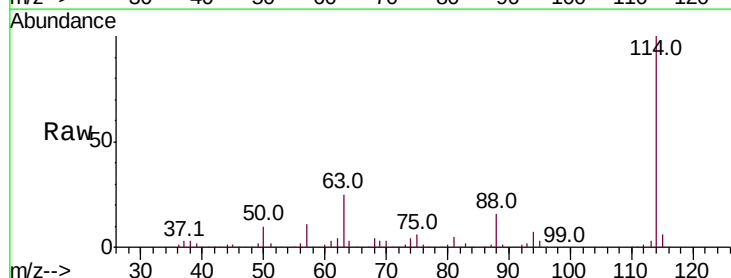
Manual Integrations
 APPROVED

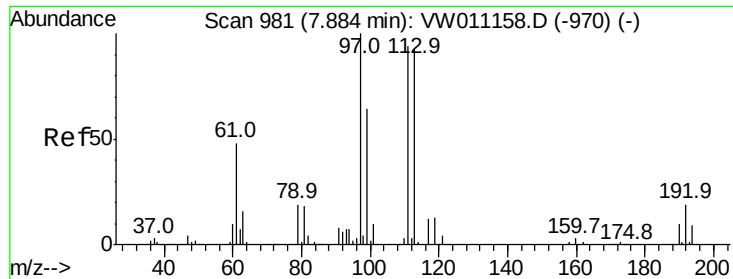
MMDadoda
 7/19/2019 9:51:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 114 Resp: 306774
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 16.3 0.0 34.2





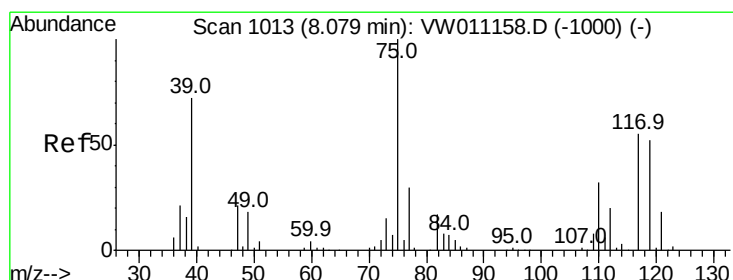
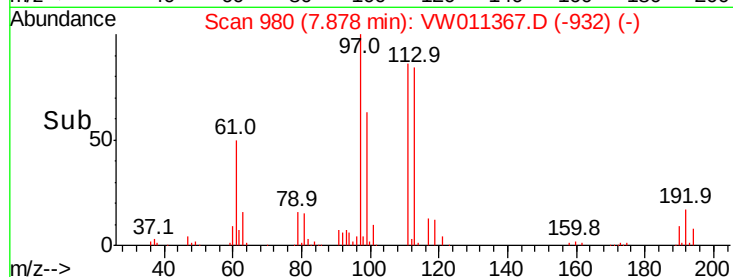
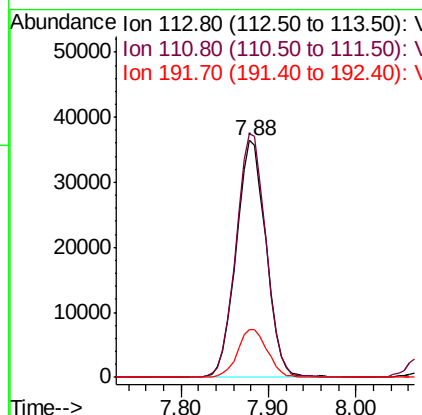
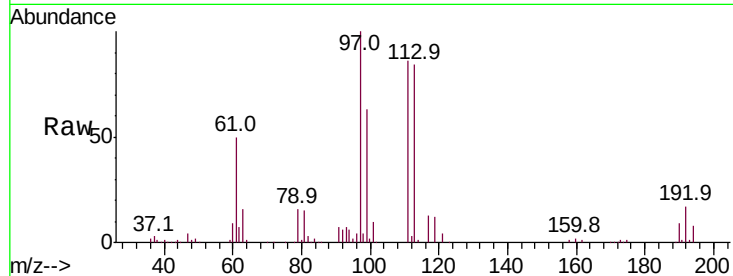
#35
 Dibromofluoromethane
 Concen: 47.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	20.1	15.8	23.8

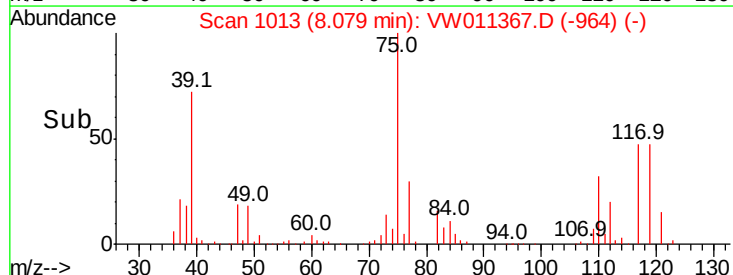
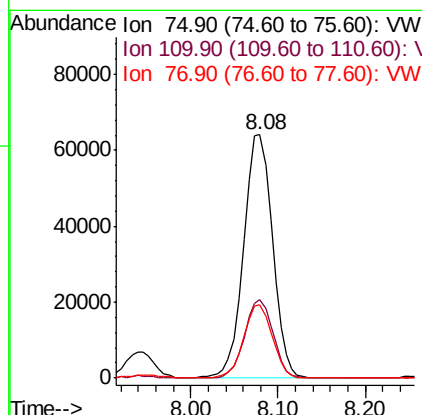
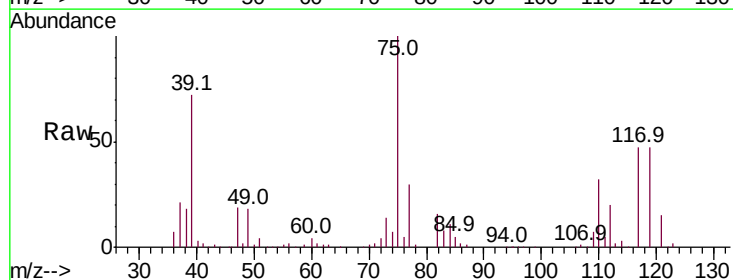
Manual Integrations
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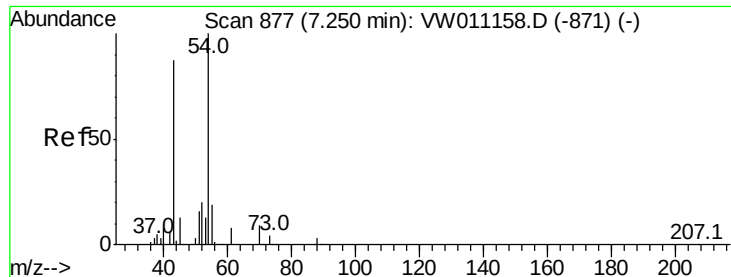
MMDadoda
 7/19/2019 9:51:30 AM



#36
 1,1-Dichloropropene
 Concen: 45.087 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.9	47.6
77	30.2	24.6	36.8





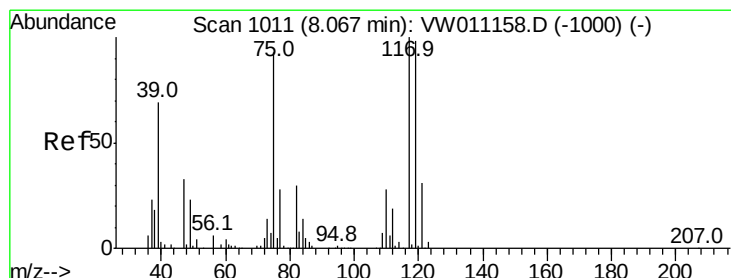
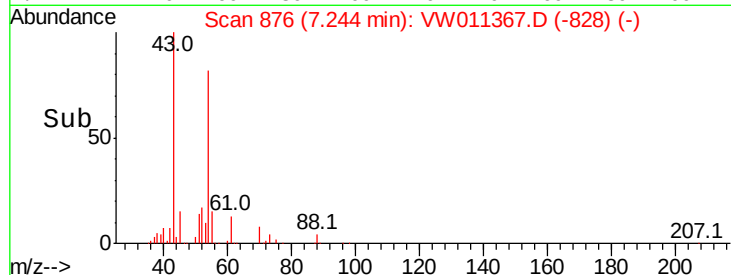
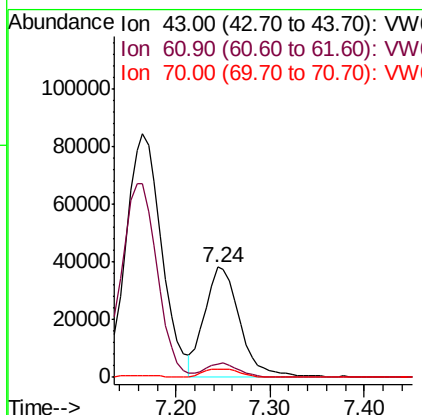
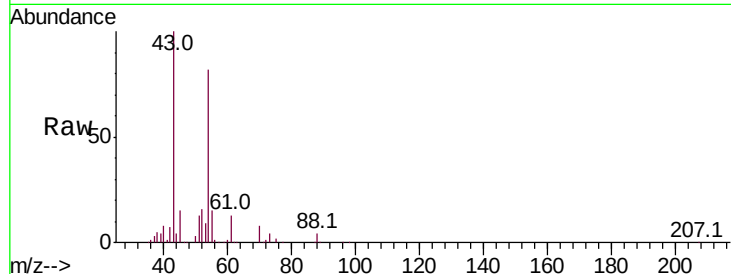
#37
Ethyl Acetate
Concen: 49.981 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.5	14.3
70	8.6	7.1	10.7

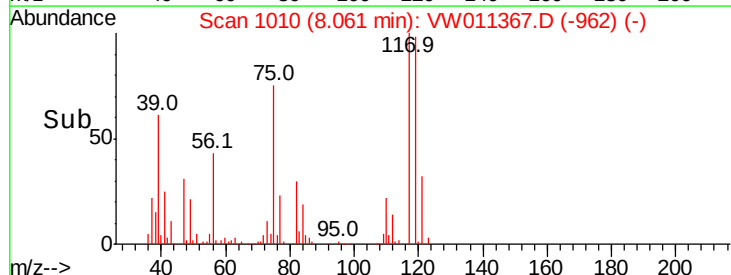
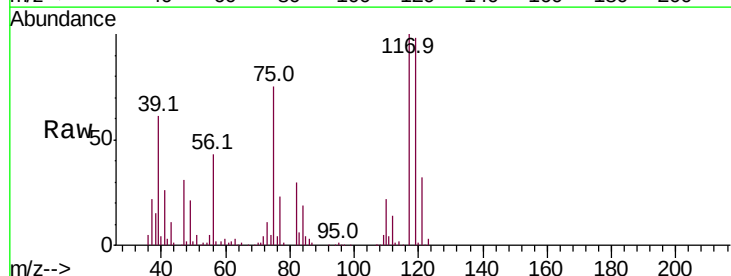
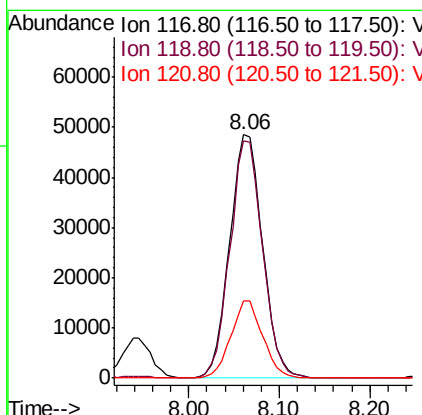
Manual Integrations
APPROVED

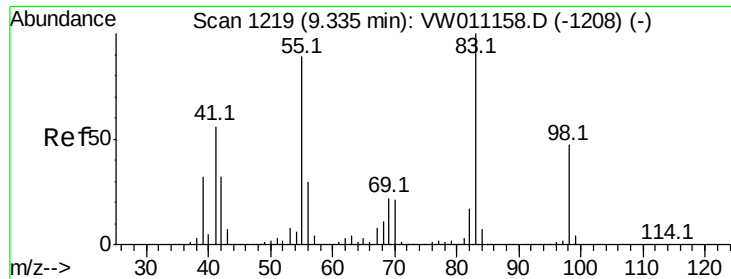
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#38
Carbon Tetrachloride
Concen: 44.202 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.1	117.1
121	31.9	25.1	37.7





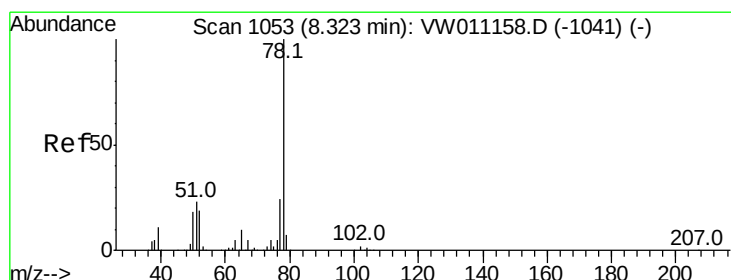
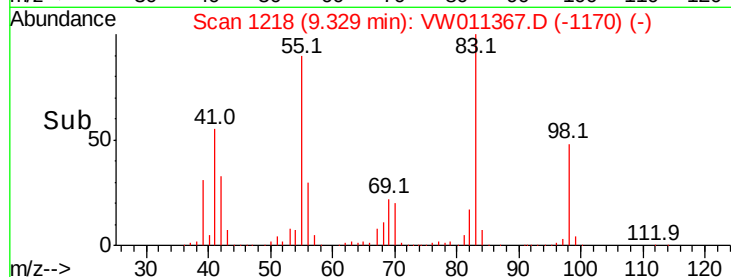
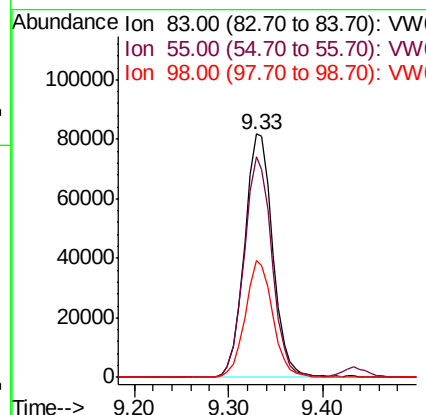
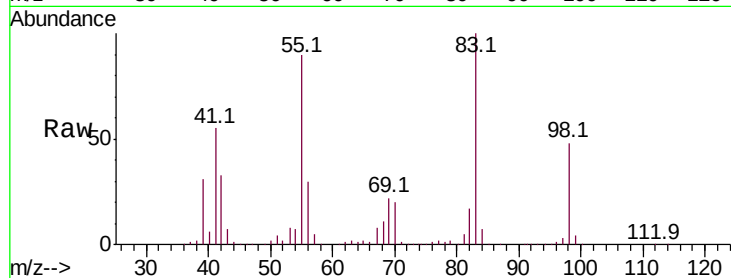
#39
Methylvlcyclohexane
Concen: 43.223 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.3	71.2	106.8
98	47.8	37.5	56.3

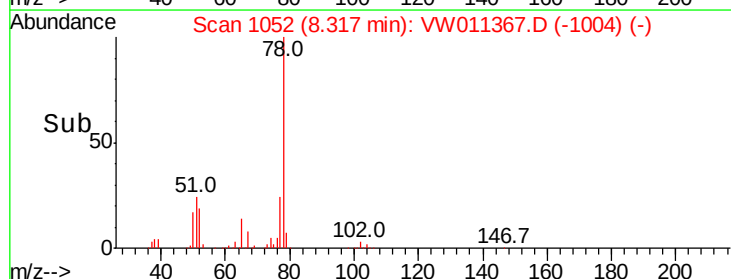
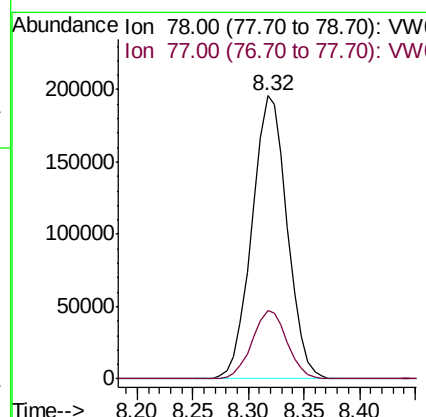
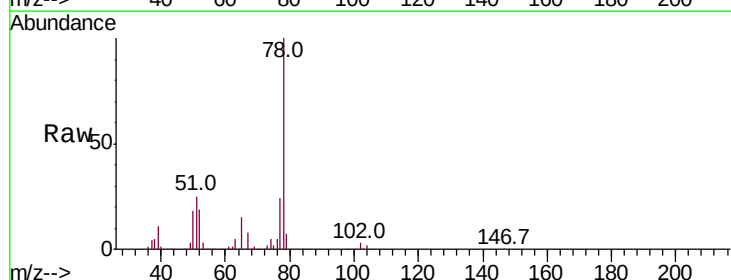
Manual Integrations
APPROVED

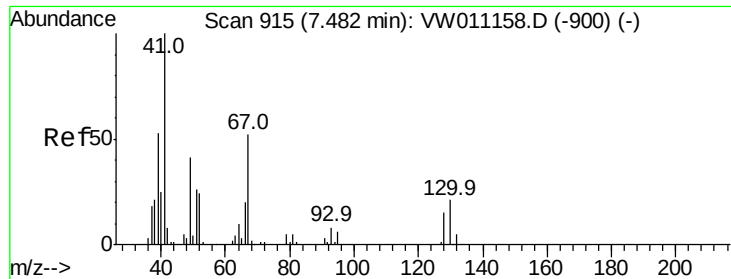
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#40
Benzene
Concen: 47.795 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





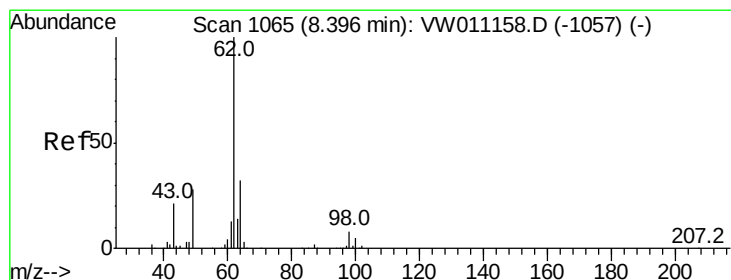
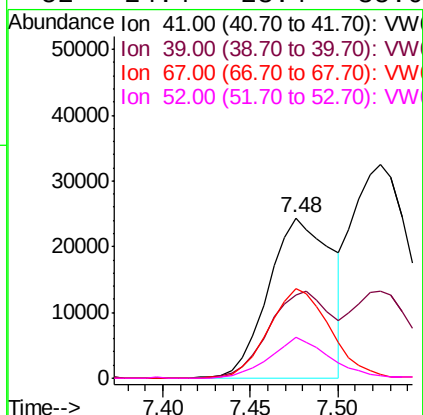
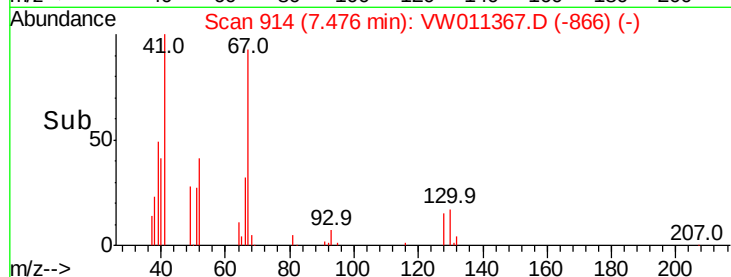
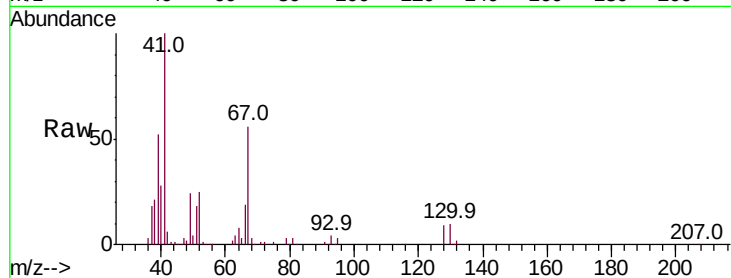
#41
Methacrylonitrile
Concen: 54.705 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	61412
Ion	Ratio	Lower	Upper
41	100		
39	53.6	48.0	72.0
67	55.4	49.7	74.5
52	24.4	23.4	35.0

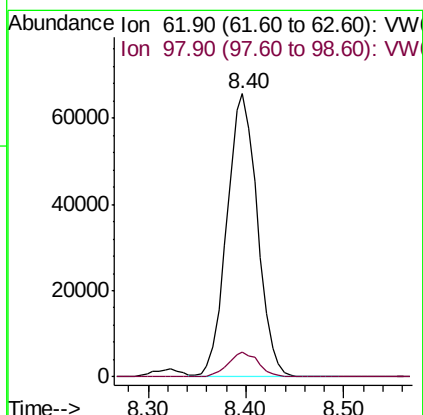
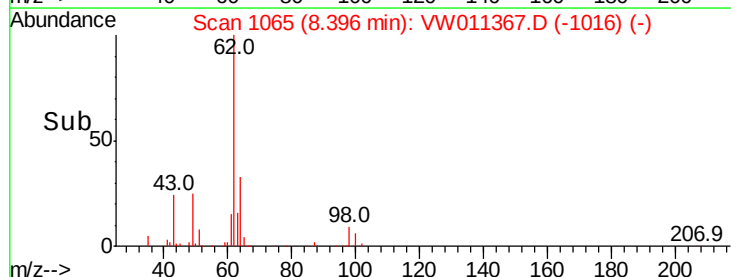
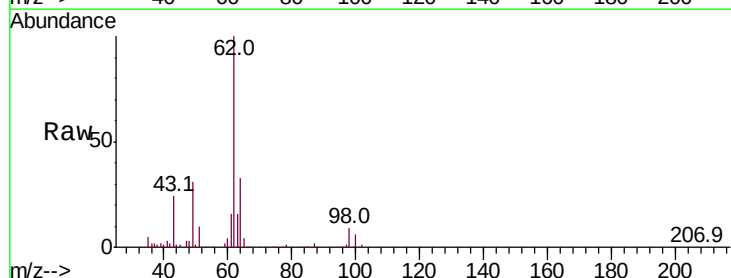
Manual Integrations
APPROVED

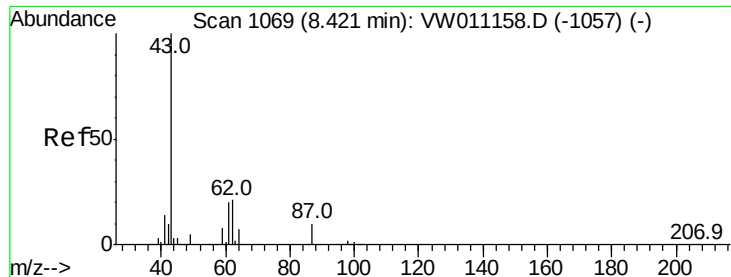
MMDadoda
7/19/2019 9:51:30 AM



#42
1,2-Dichloroethane
Concen: 48.382 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:	62	Resp:	141699
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.8





#43

Isopropyl Acetate

Concen: 49.420 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

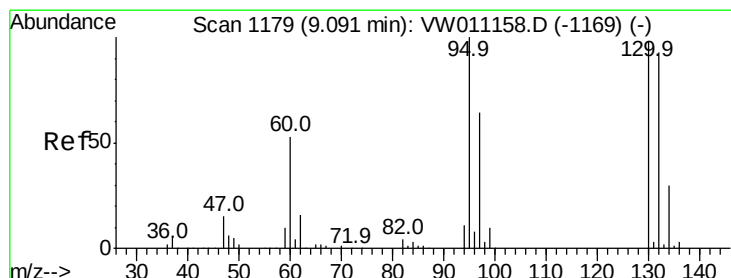
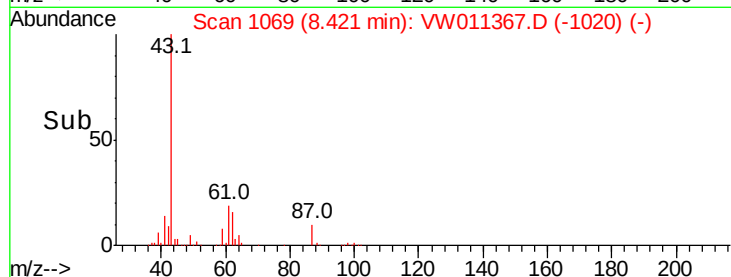
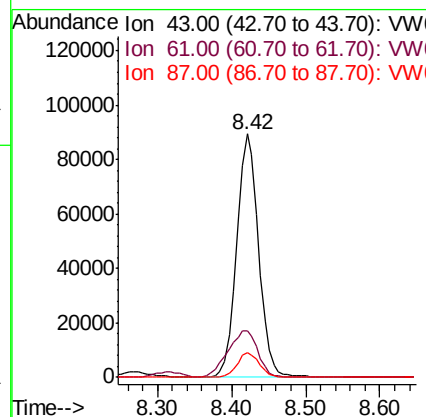
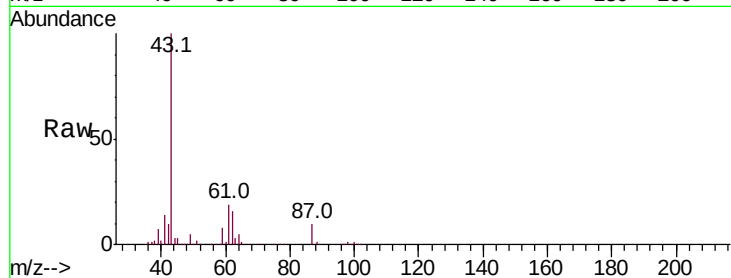
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	183140
Ion	Ratio	Lower	Upper
43	100		
61	26.3	20.7	31.1
87	10.3	8.1	12.1

Manual Integrations
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#44

Trichloroethene

Concen: 47.078 ug/l

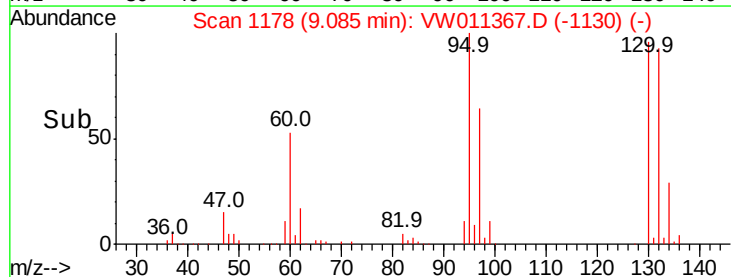
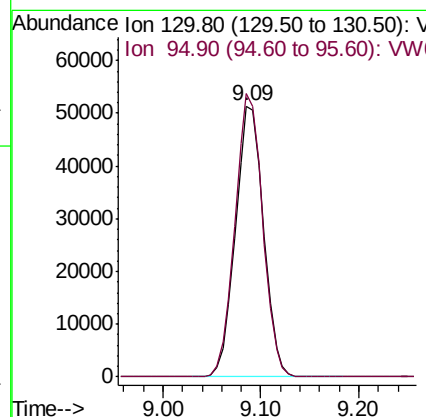
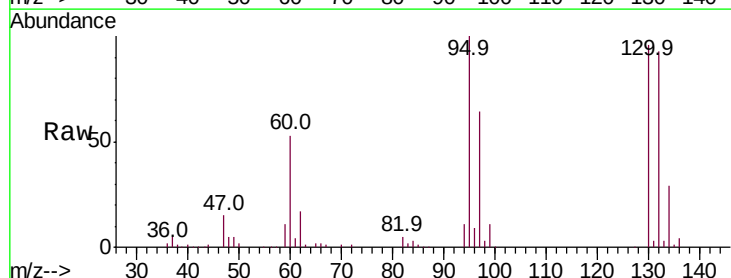
RT: 9.09 min Scan# 1178

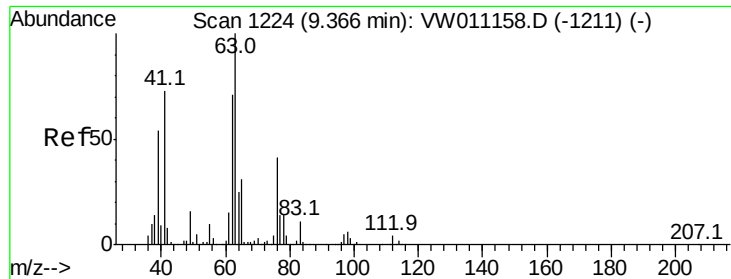
Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	130	Resp:	102280
Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	203.6





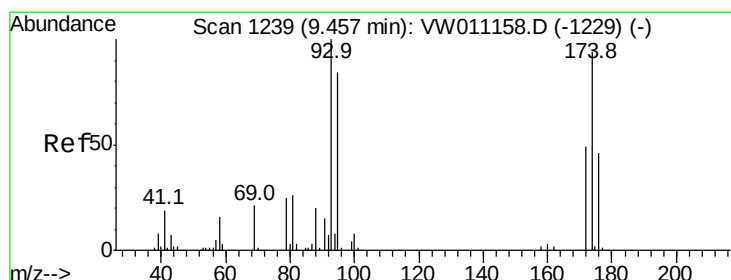
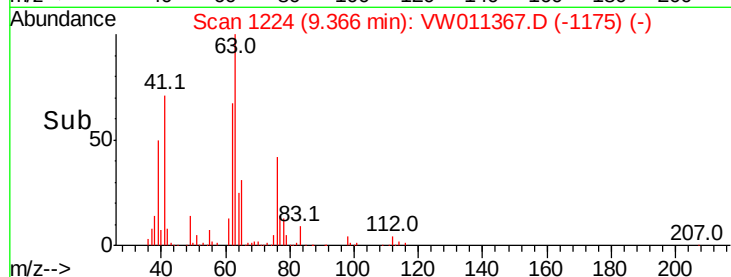
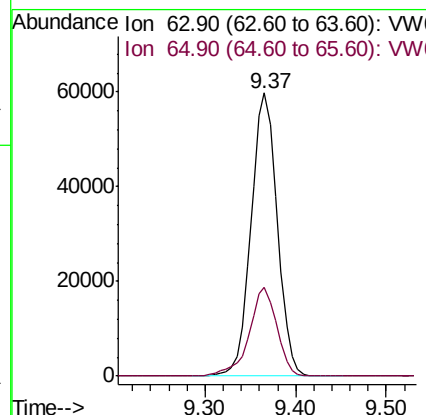
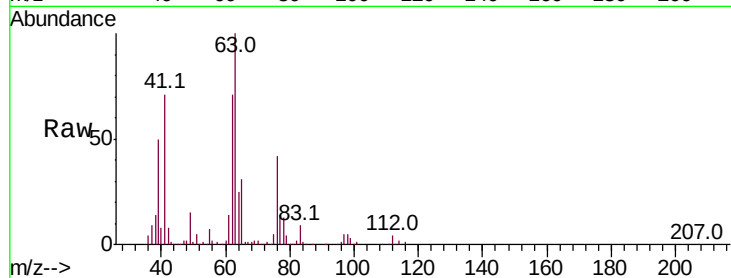
#45
 1,2-Dichloropropane
 Concen: 48.767 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119228
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.4 36.6

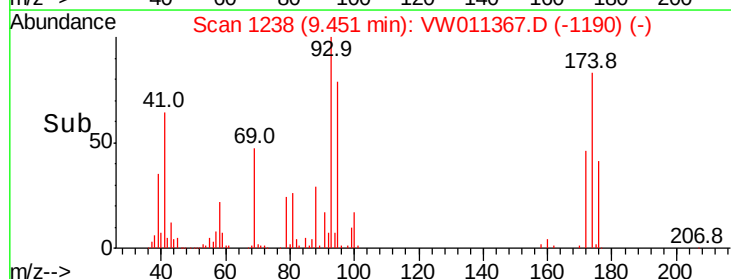
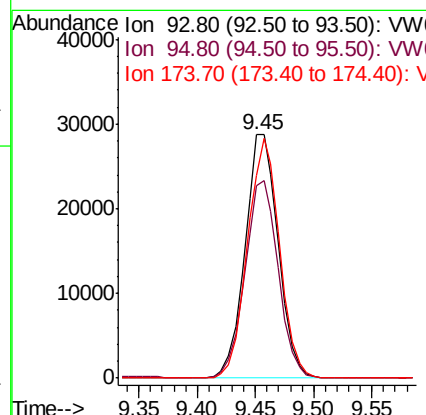
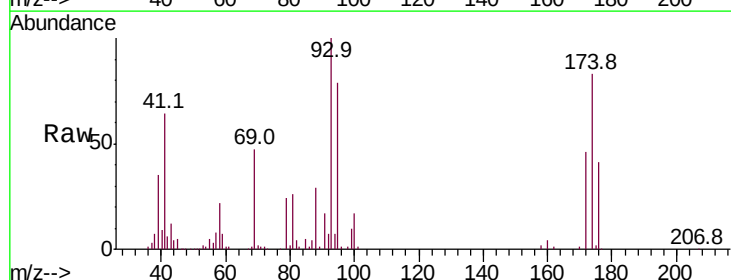
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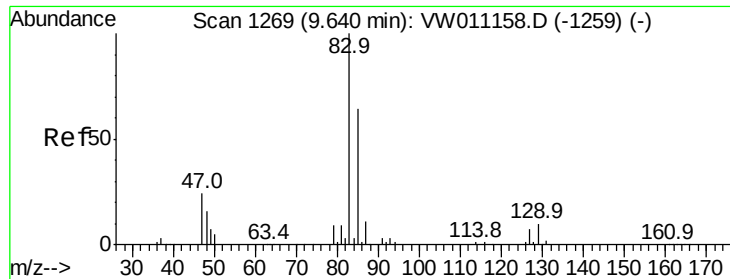
MMDadoda
 7/19/2019 9:51:30 AM



#46
 Dibromomethane
 Concen: 49.558 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion: 93 Resp: 56916
 Ion Ratio Lower Upper
 93 100
 95 81.1 67.2 100.8
 174 95.3 76.3 114.5





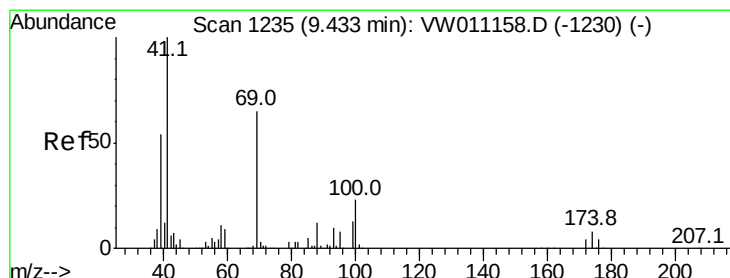
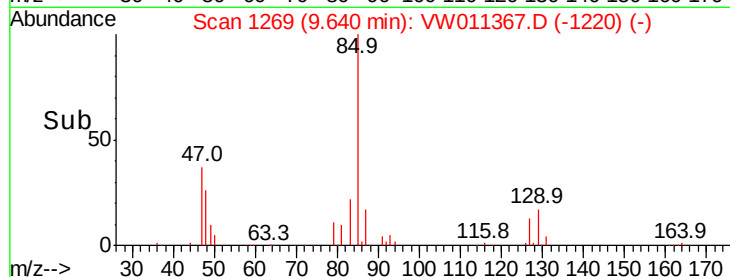
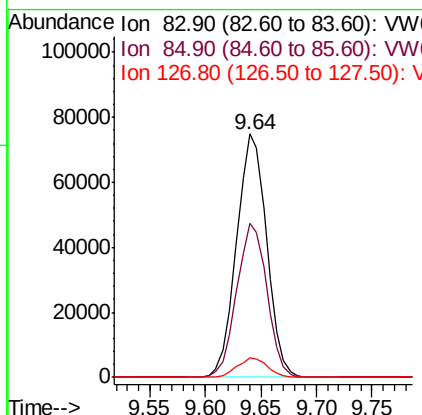
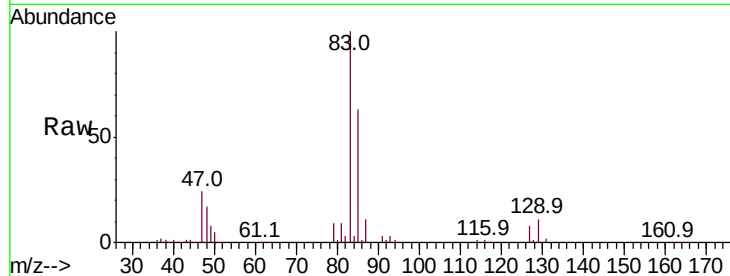
#47
 Bromodichloromethane
 Concen: 47.837 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.2	51.0	76.4	
127	7.9	6.0	9.0	

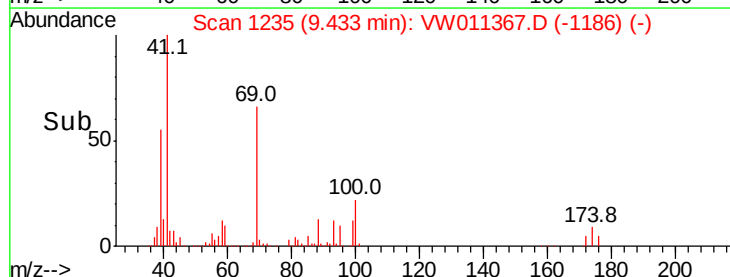
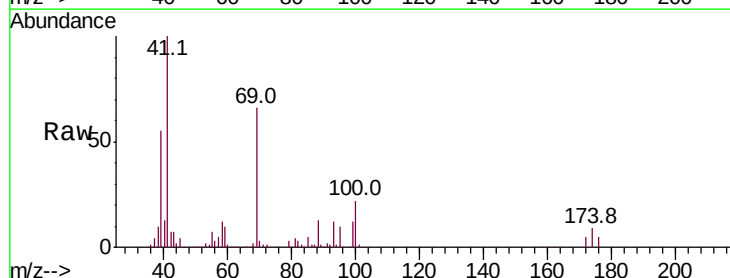
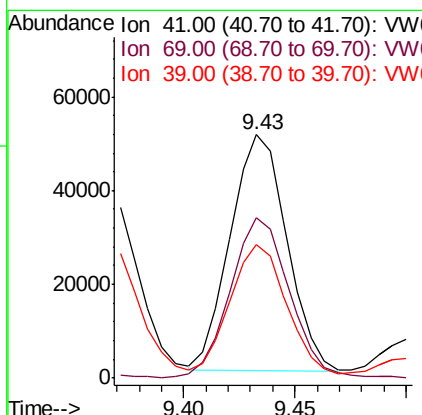
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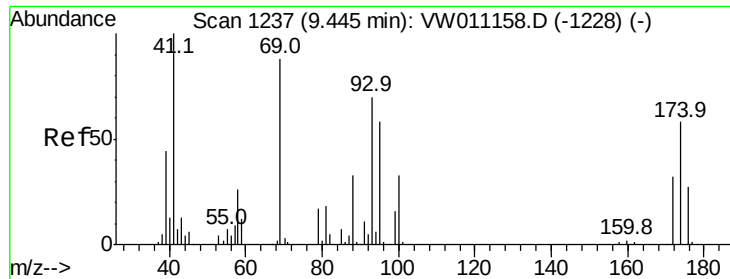
MMDadoda
 7/19/2019 9:51:30 AM



#48
 Methyl methacrylate
 Concen: 49.743 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	71.6	56.0	84.0	
39	58.0	43.5	65.3	





#49

1,4-Dioxane

Concen: 1021.656 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

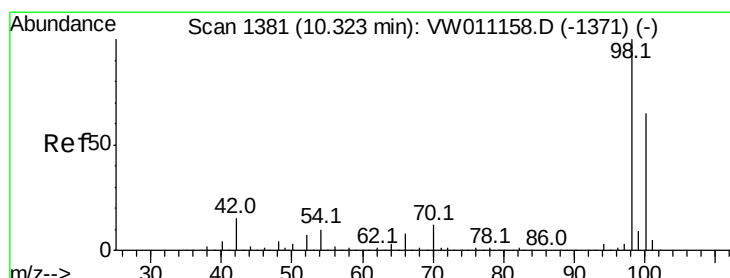
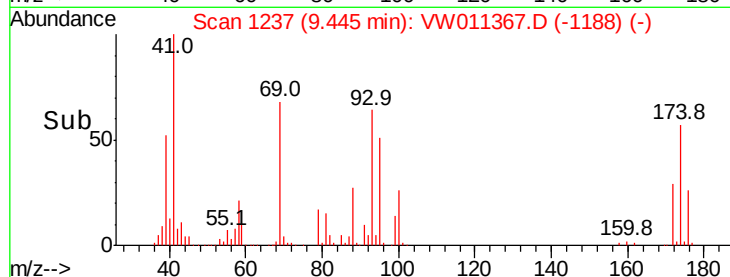
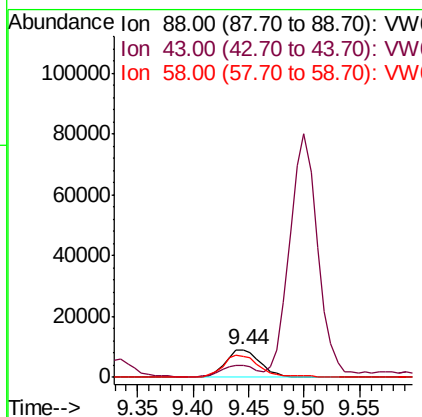
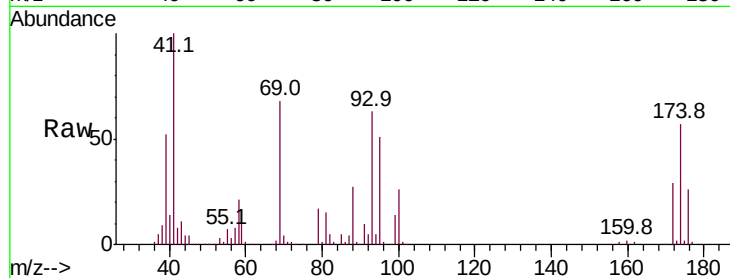
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	19585
Ion	Ratio	Lower	Upper
88	100		
43	42.1	33.4	50.0
58	87.5	64.5	96.7

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#50

Toluene-d8

Concen: 46.531 ug/l

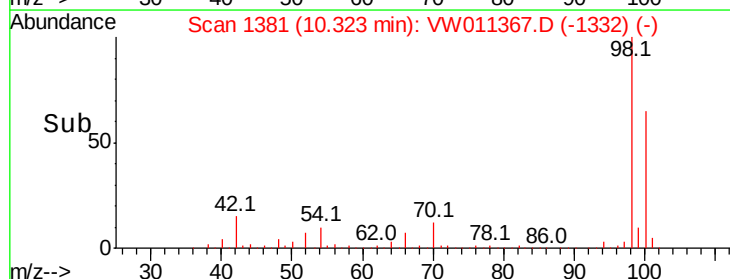
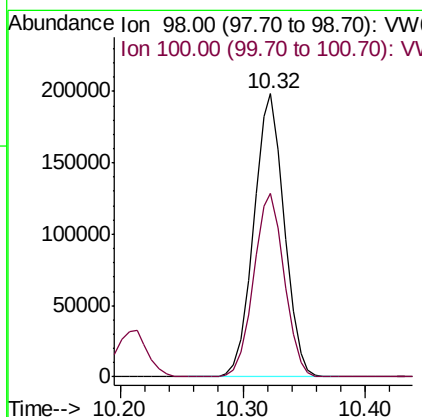
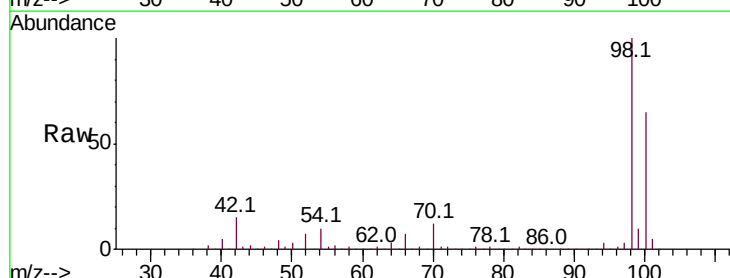
RT: 10.32 min Scan# 1381

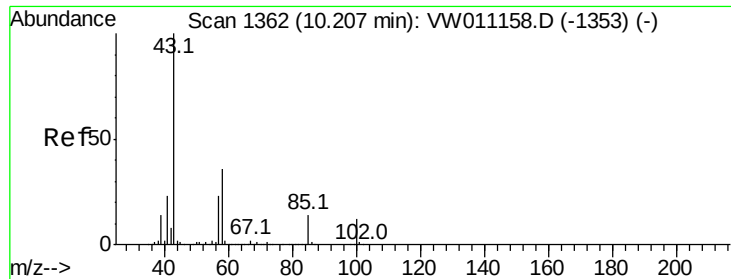
Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	98	Resp:	343916
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 256.811 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 497133

Ion Ratio Lower Upper

43 100

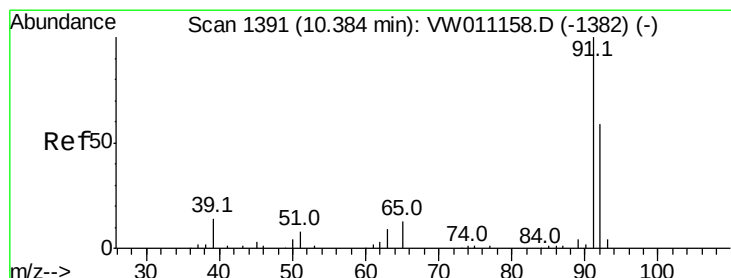
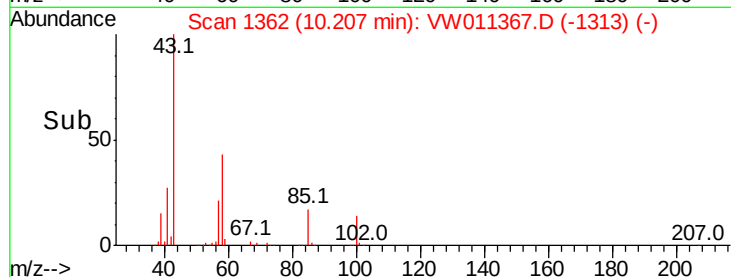
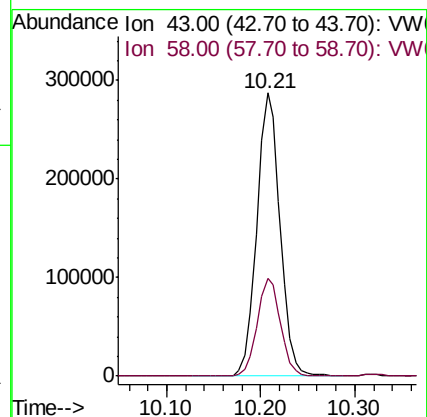
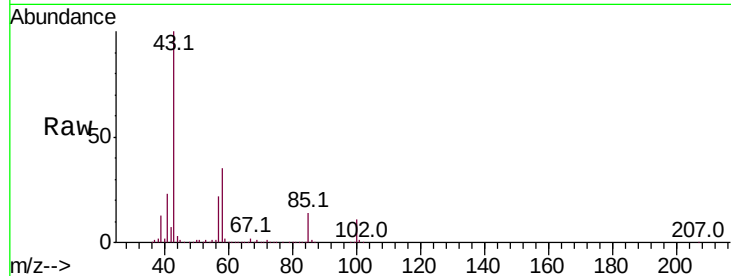
58 34.7 28.2 42.2

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#52

Toluene

Concen: 47.679 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011367.D

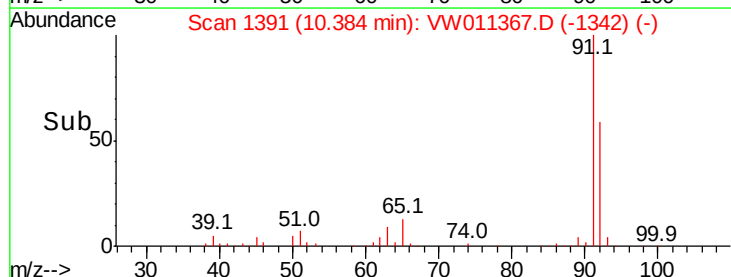
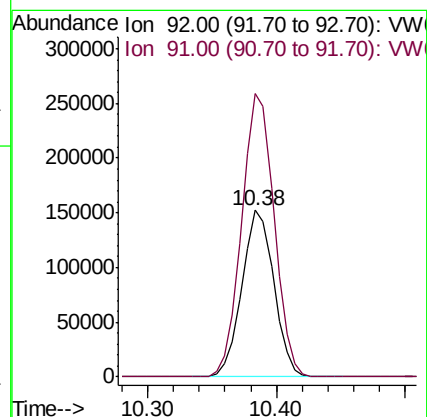
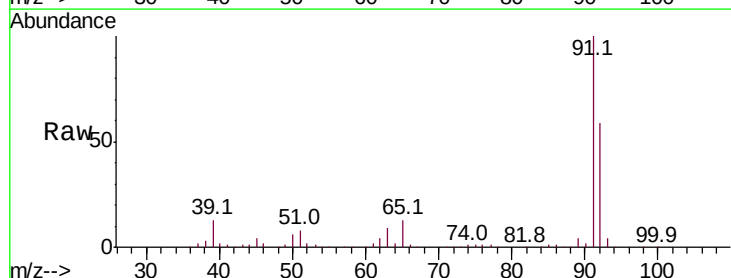
Acq: 19 Jul 2019 07:25

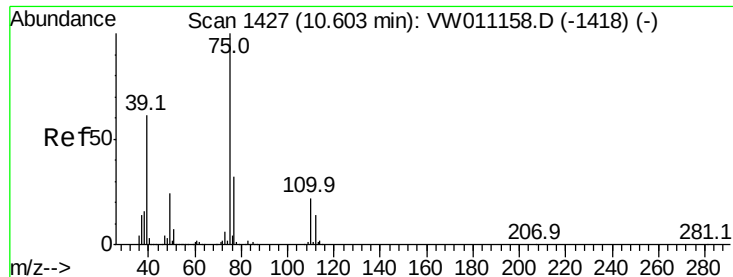
Tgt Ion: 92 Resp: 261123

Ion Ratio Lower Upper

92 100

91 173.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 43.038 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W

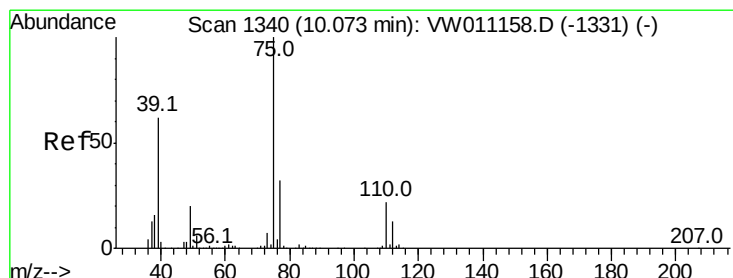
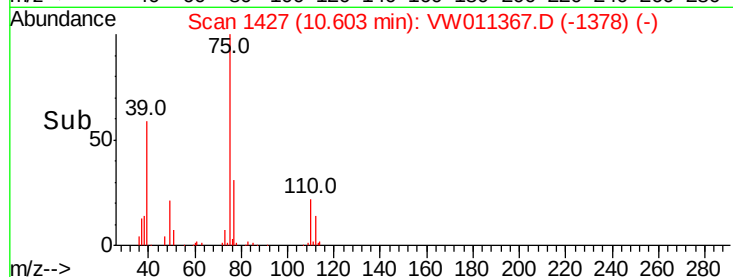
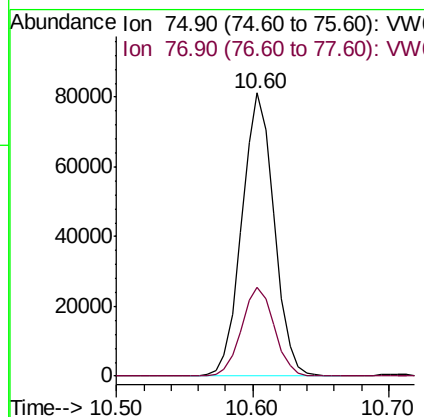
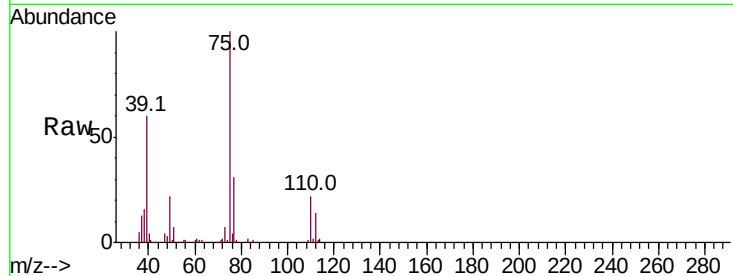
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 134619

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 44.139 ug/l

RT: 10.07 min Scan# 1340

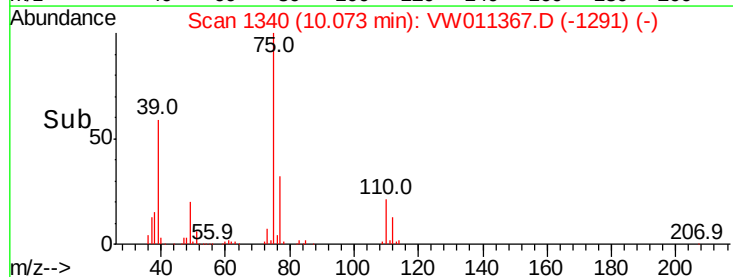
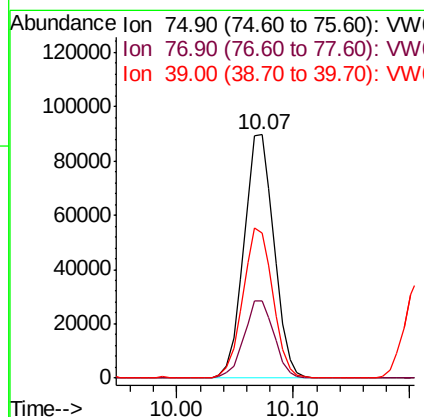
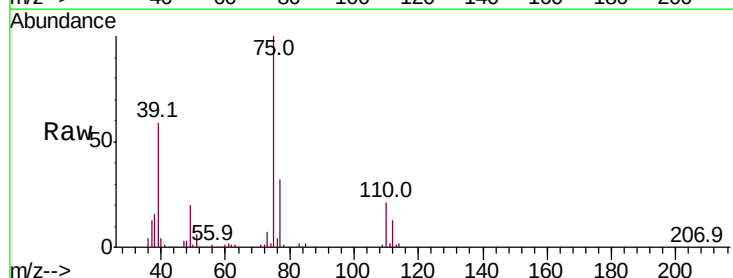
Delta R.T. -0.00 min

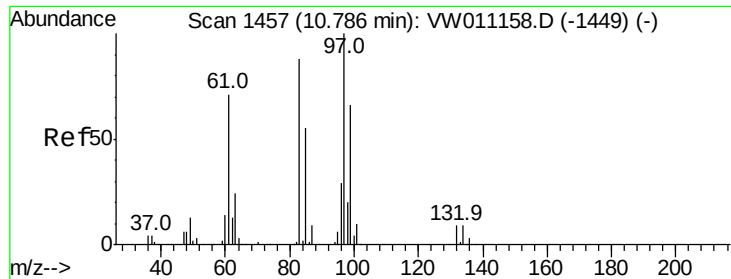
Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion: 75 Resp: 162506

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5
39	59.3	49.8	74.8





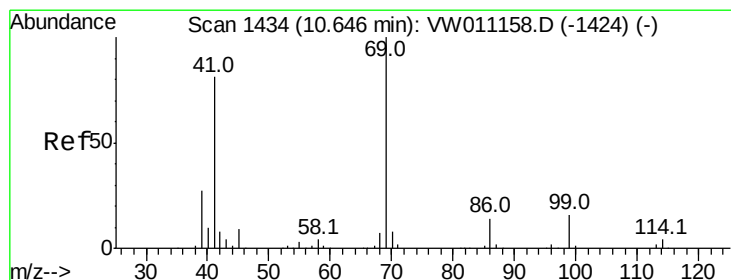
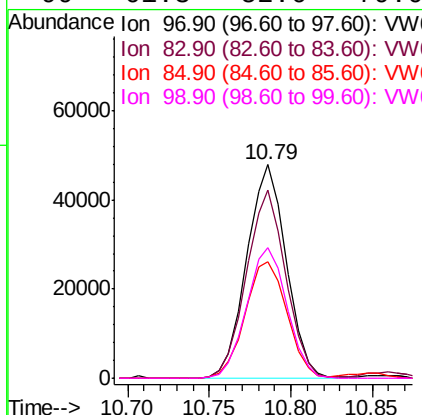
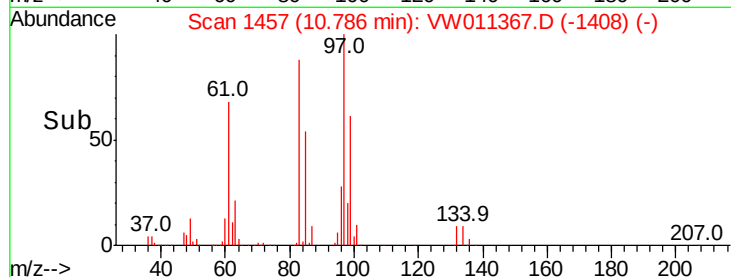
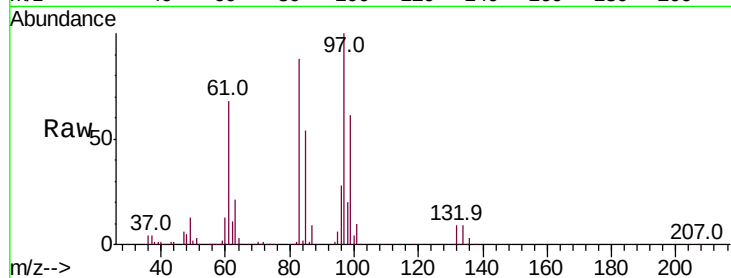
#55
 1,1,2-Trichloroethane
 Concen: 49.496 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	80643
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.2	105.4
85	54.4	44.2	66.2
99	61.3	52.6	79.0

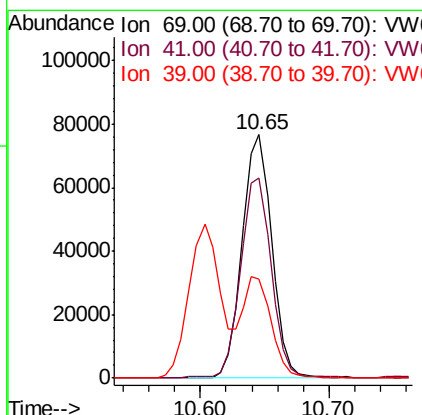
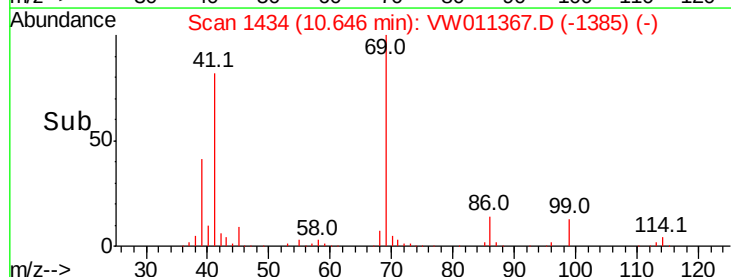
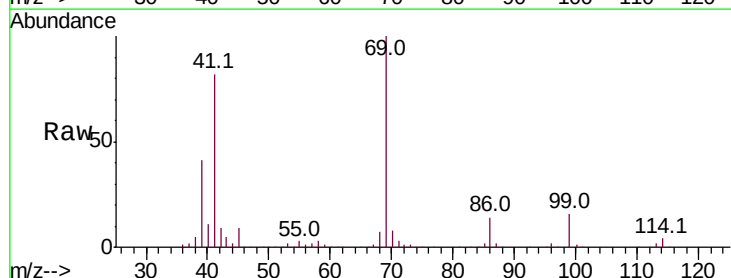
Manual Integrations
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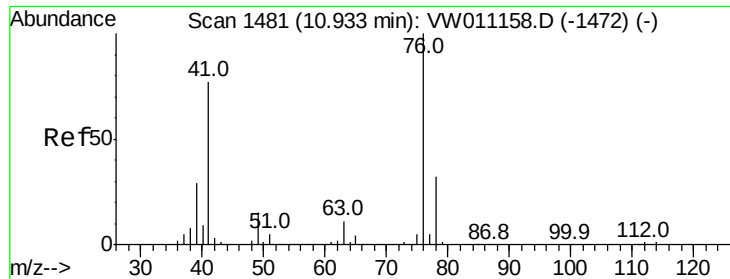
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#56
 Ethyl methacrylate
 Concen: 49.220 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion:	69	Resp:	122093
Ion	Ratio	Lower	Upper
69	100		
41	84.9	66.5	99.7
39	38.3	32.5	48.7





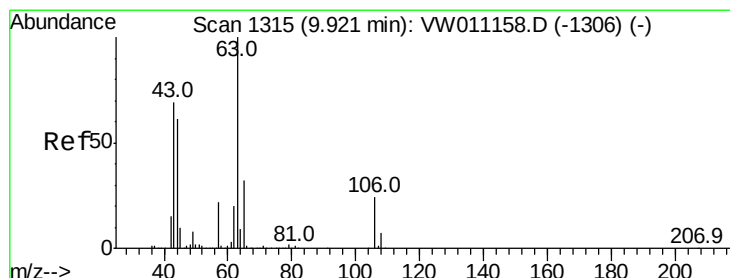
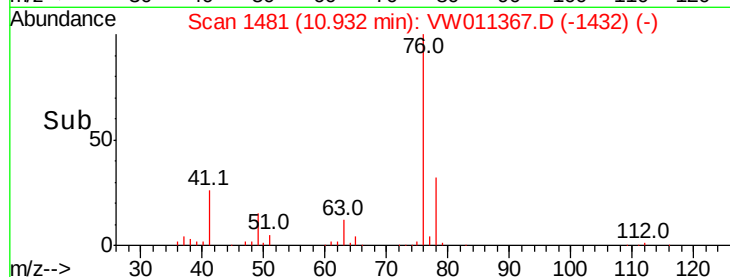
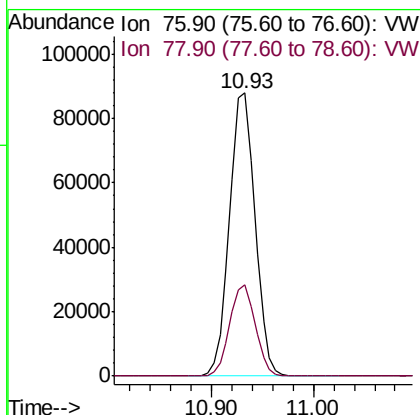
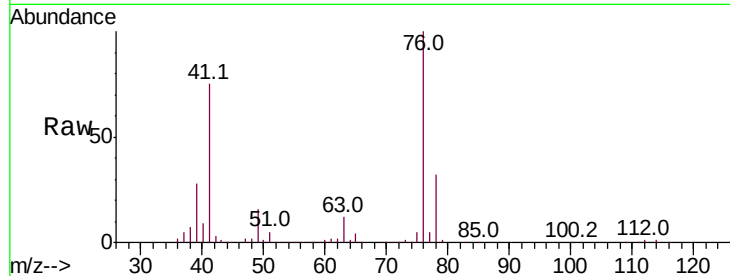
#57
 1,3-Dichloropropane
 Concen: 49.393 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.2

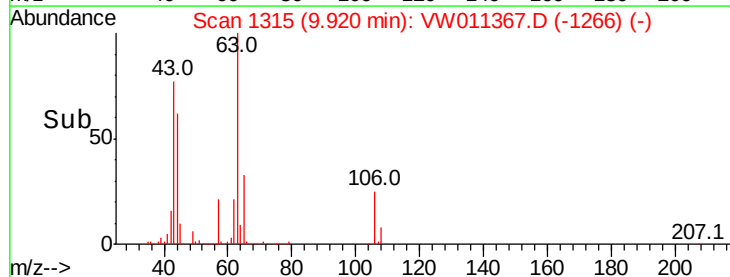
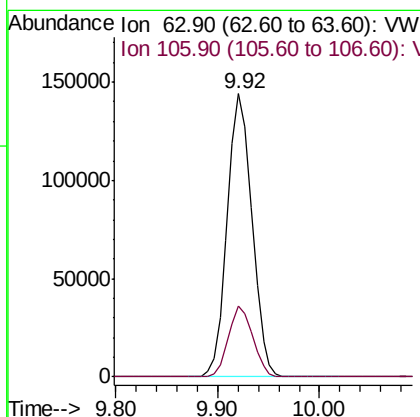
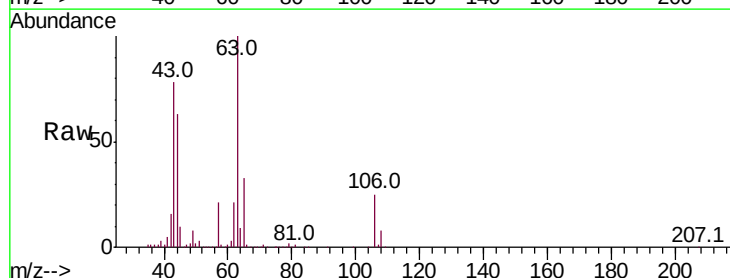
Manual Integrations
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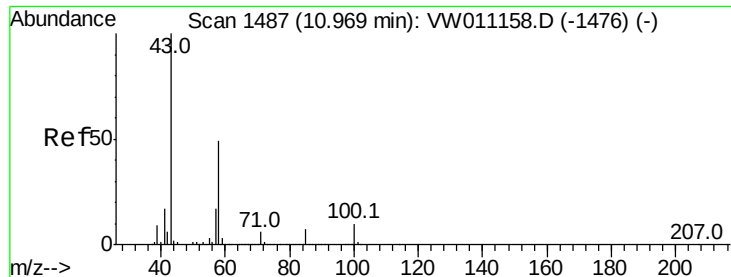
MMDadoda
 7/19/2019 9:51:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 210.296 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	19.4	29.0





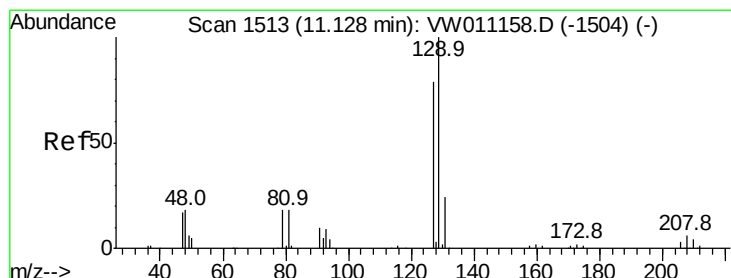
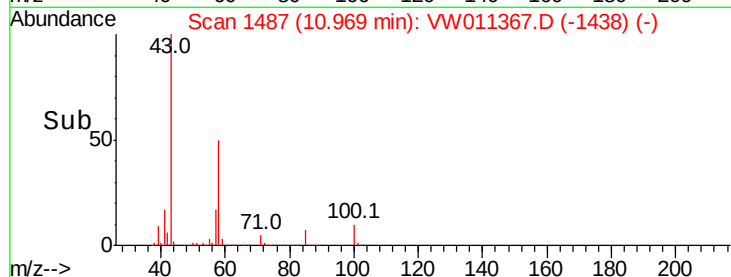
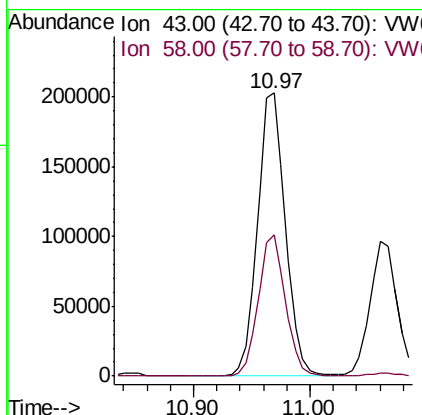
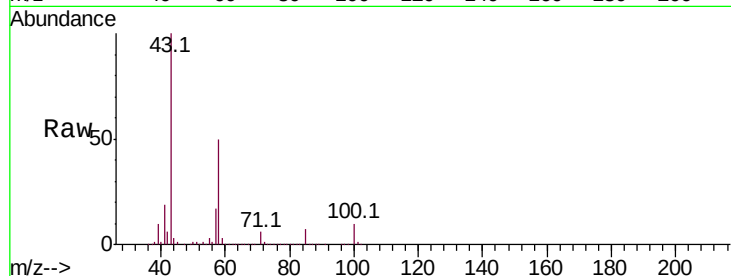
#59
2-Hexanone
Concen: 249.673 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 335179
Ion Ratio Lower Upper
43 100
58 48.8 24.4 73.4

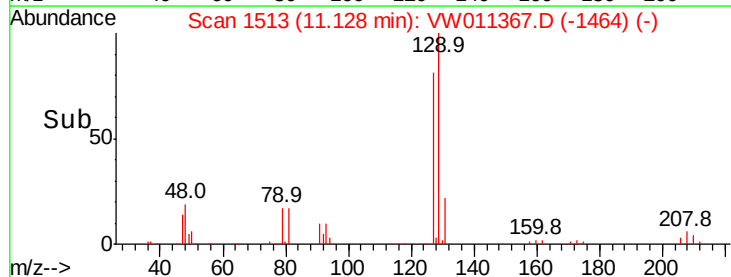
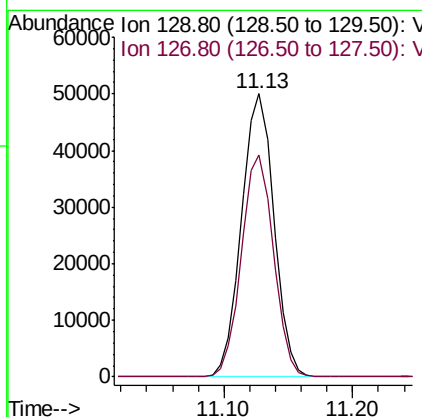
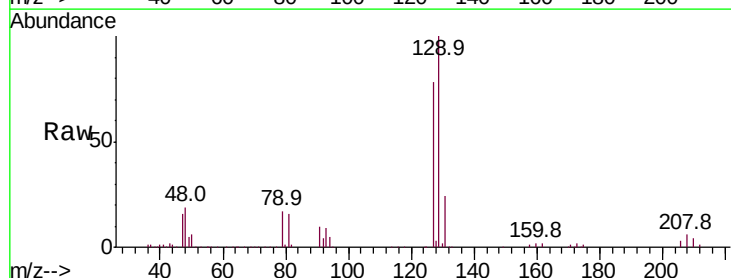
Manual Integrations
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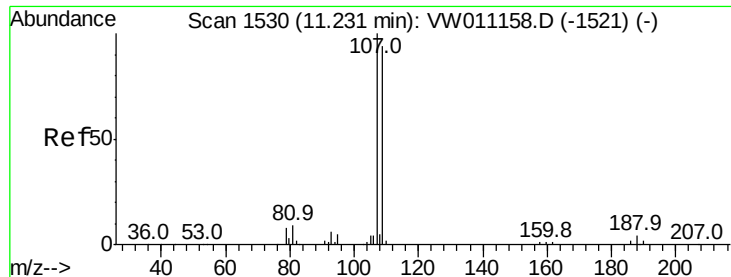
MMDadoda
7/19/2019 9:51:30 AM



#60
Dibromochloromethane
Concen: 48.734 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 129 Resp: 87068
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 49.015 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 75645

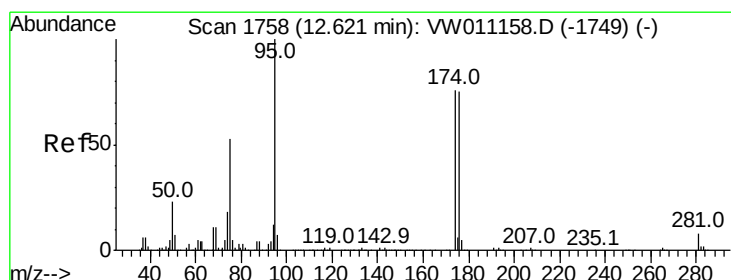
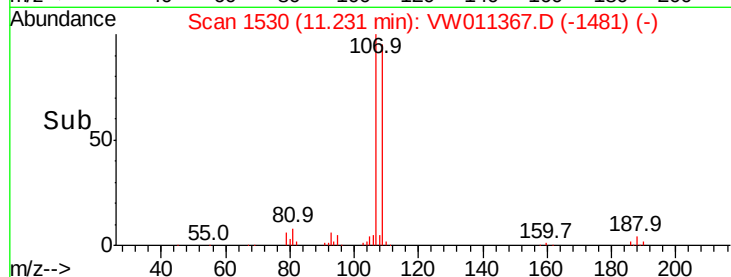
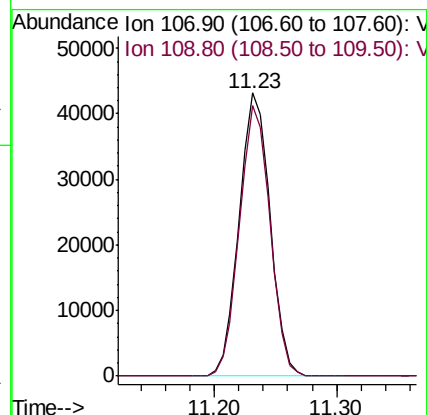
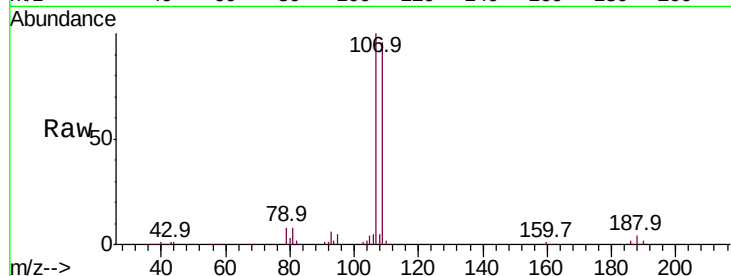
Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8

Manual Integrations
APPROVED

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7/19/2019 9:51:30 AM



#62

4-Bromofluorobenzene

Concen: 46.101 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

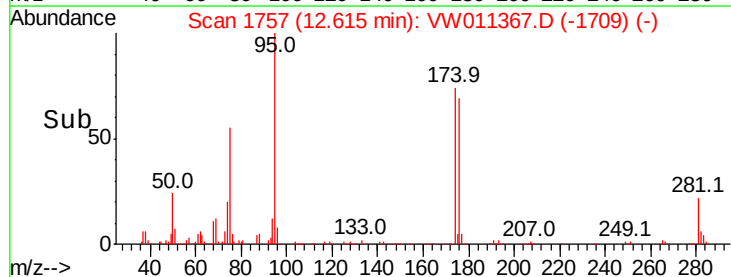
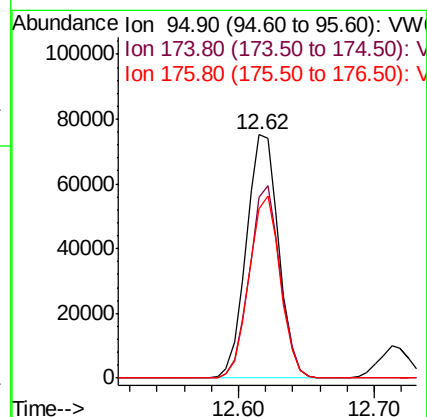
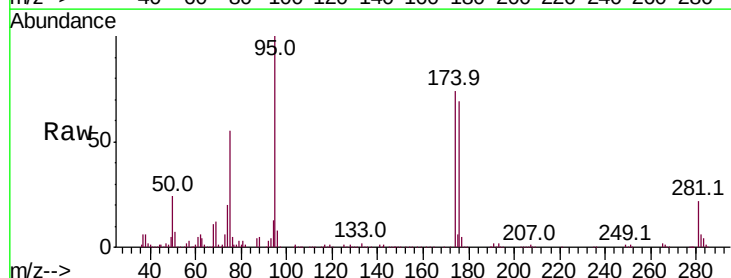
Tgt Ion: 95 Resp: 124892

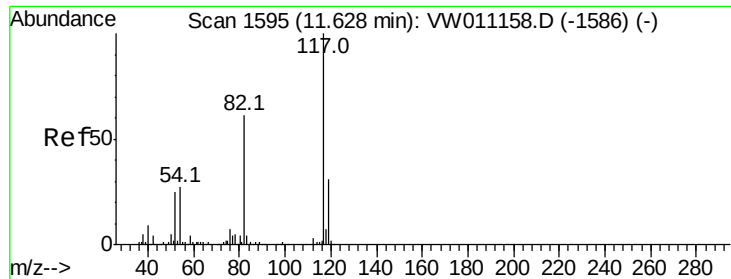
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

176 72.5 0.0 144.6





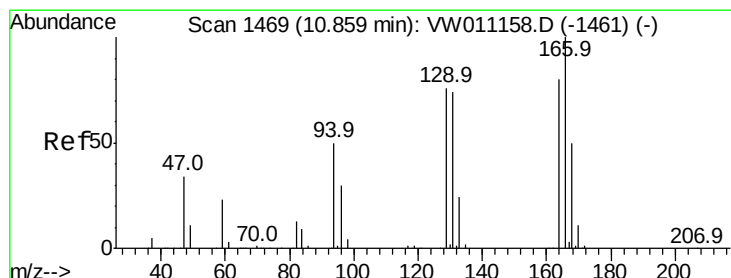
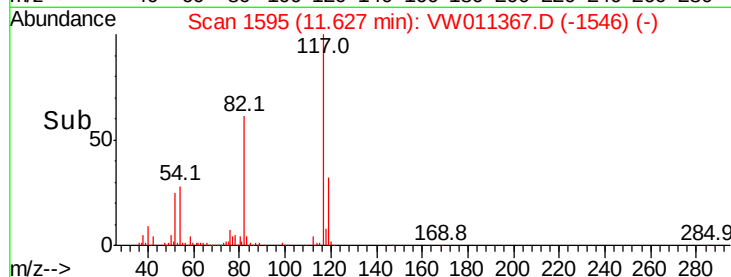
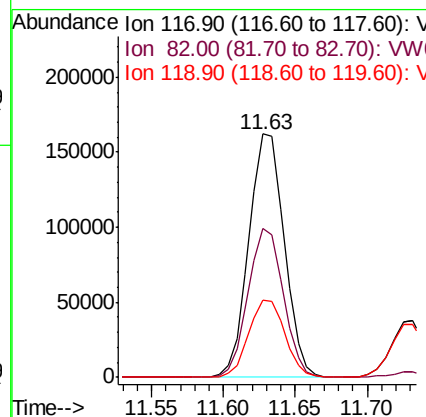
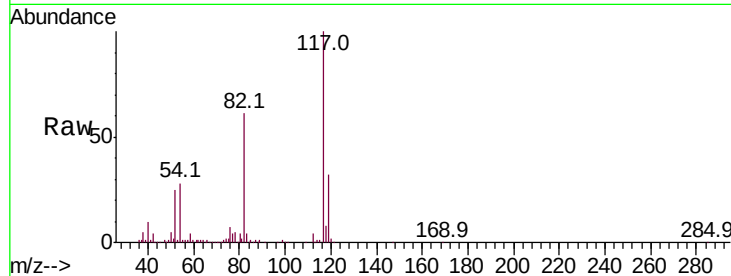
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	276289		
82	61.0		48.9	73.3
119	31.7		25.0	37.6

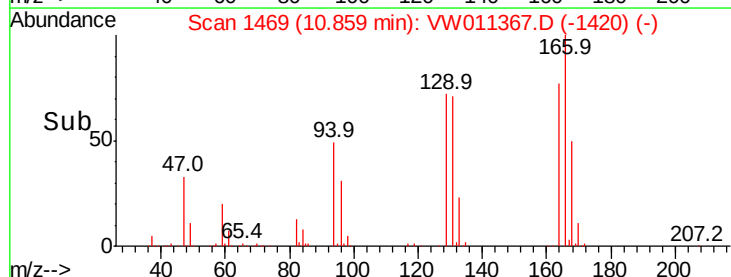
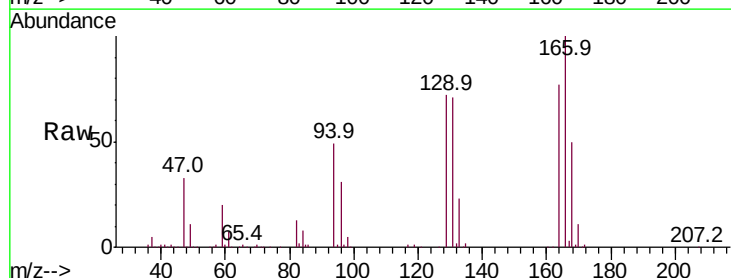
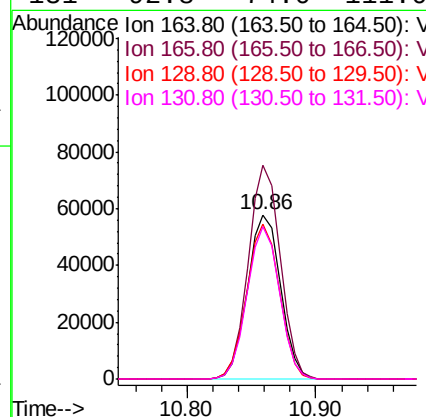
Manual Integrations
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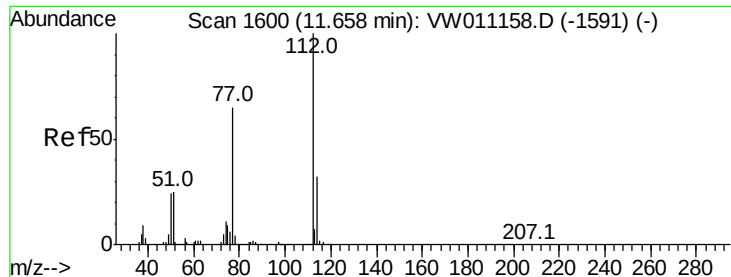
MMDadoda
7/19/2019 9:51:30 AM



#64
Tetrachloroethene
Concen: 54.807 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102179		
166	130.3		99.7	149.5
129	94.2		76.2	114.2
131	92.8		74.0	111.0





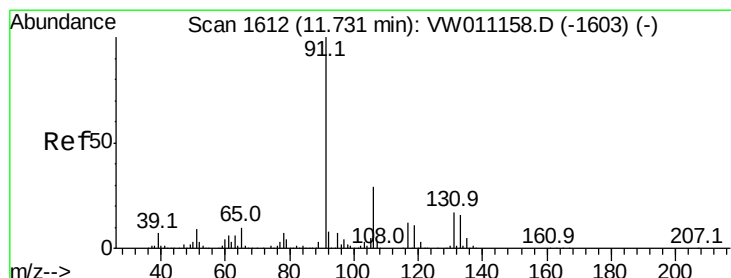
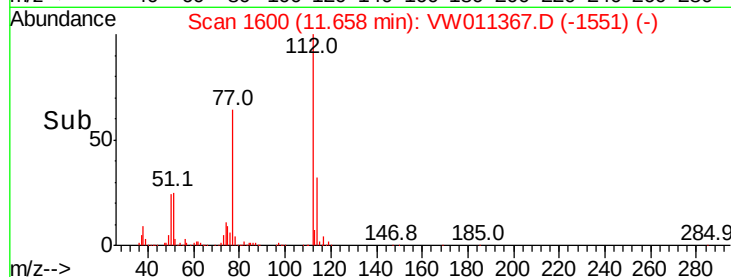
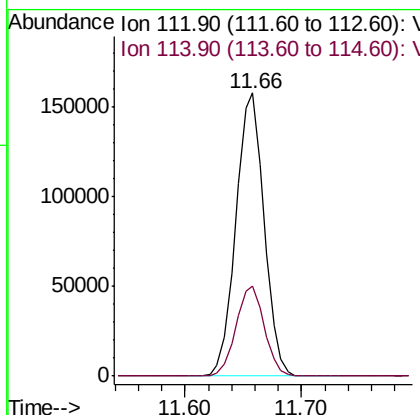
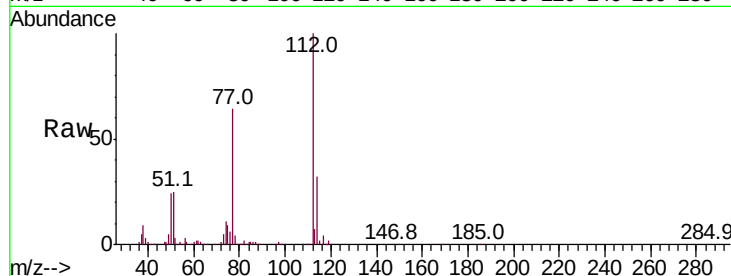
#65
Chlorobenzene
Concen: 47.479 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.5	38.3

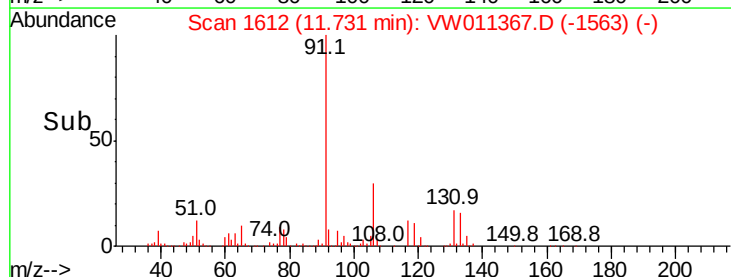
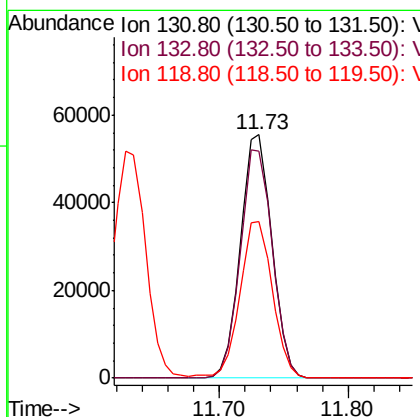
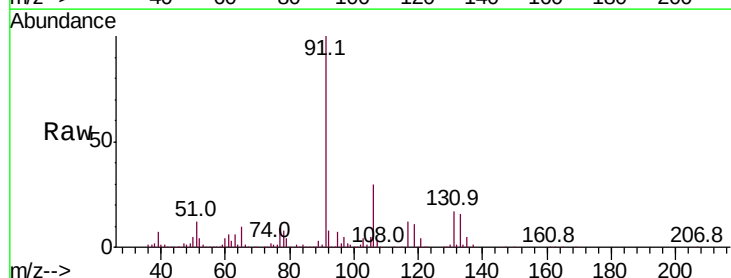
Manual Integrations
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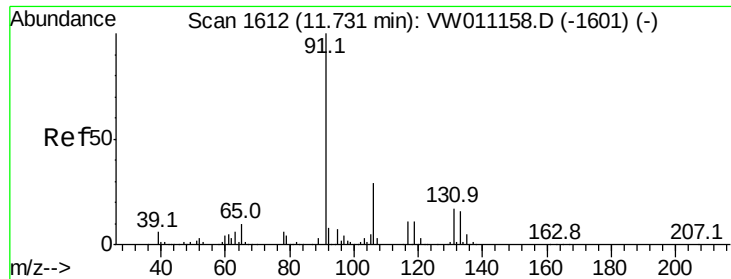
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7/19/2019 9:51:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.375 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.9	143.8
119	66.4	33.1	99.2





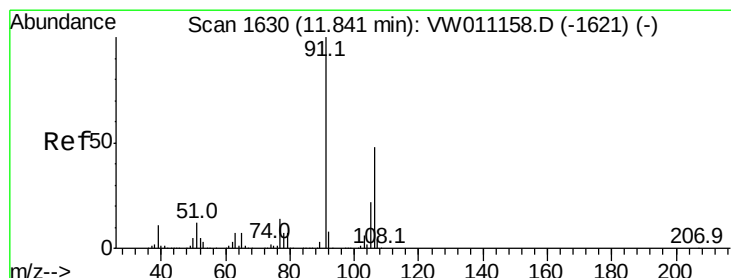
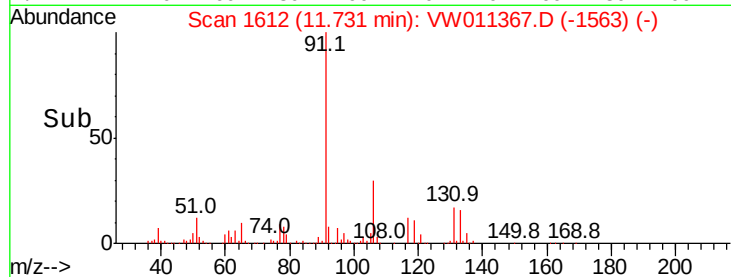
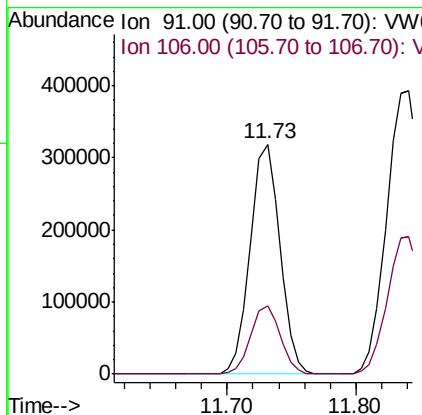
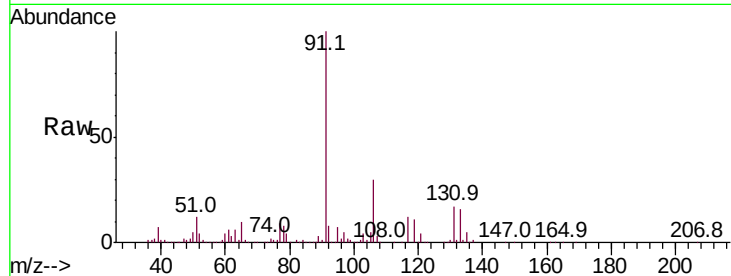
#67
Ethyl Benzene
Concen: 47.186 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 507416
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3

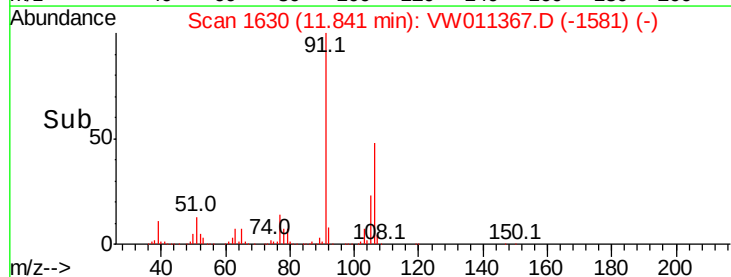
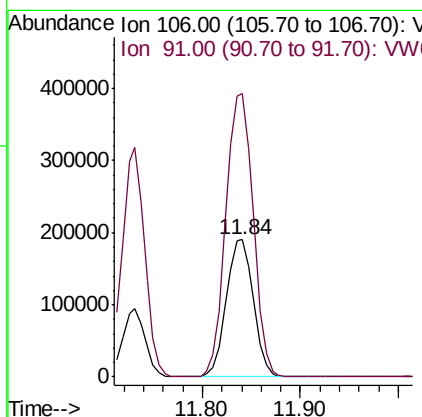
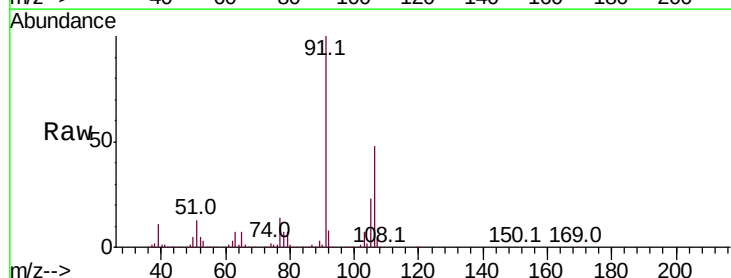
Manual Integrations
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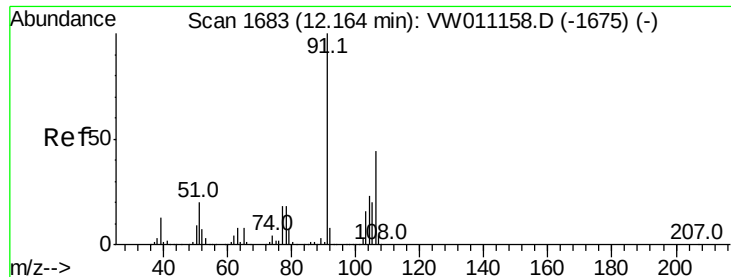
MMDadoda
7/19/2019 9:51:30 AM



#68
m/p-Xylenes
Concen: 93.644 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion: 106 Resp: 364375
Ion Ratio Lower Upper
106 100
91 209.4 167.7 251.5





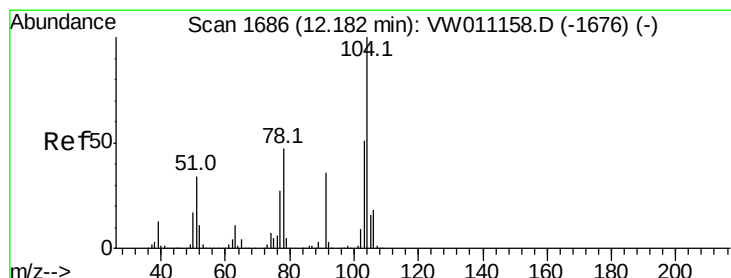
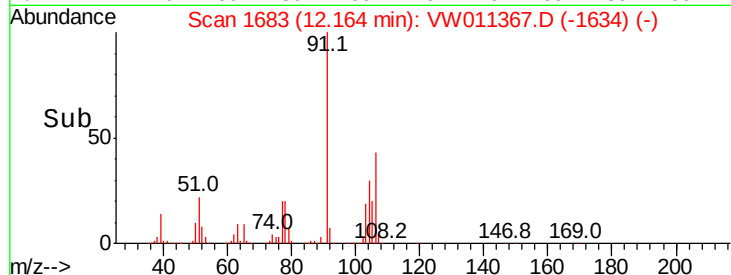
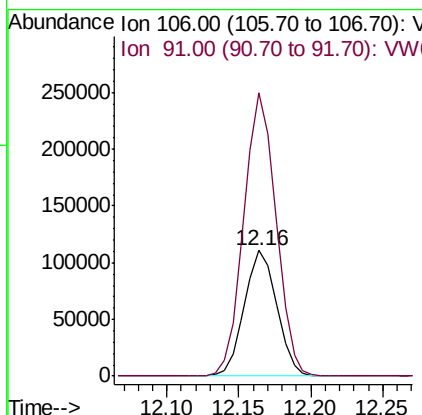
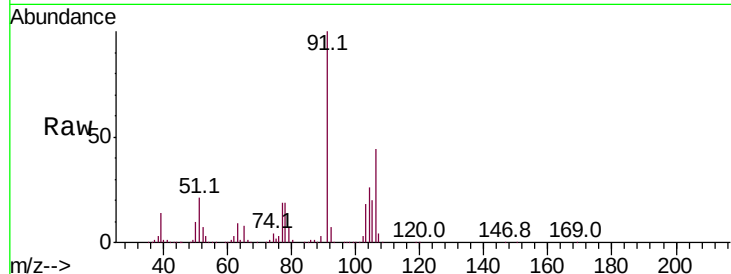
#69
o-Xylene
Concen: 47.235 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 173230
Ion Ratio Lower Upper
106 100
91 223.9 110.7 332.1

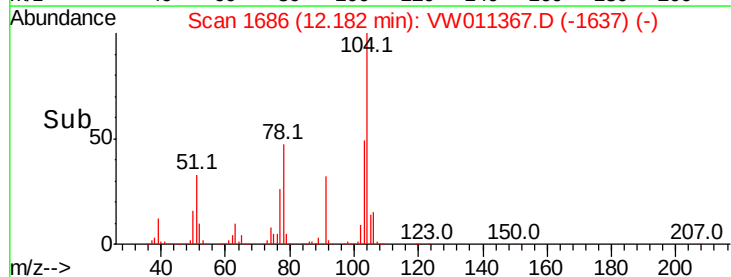
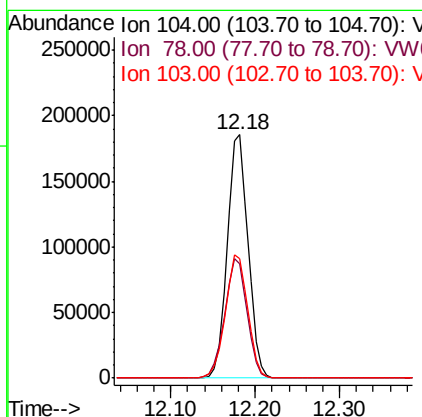
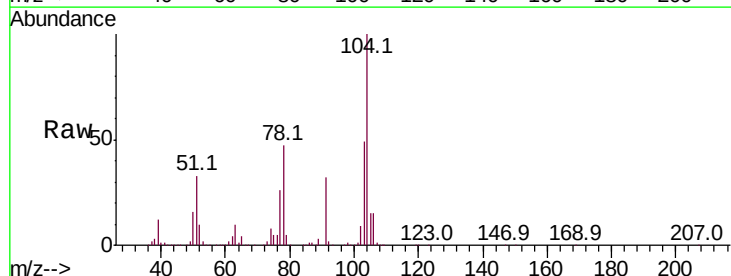
Manual Integrations
APPROVED

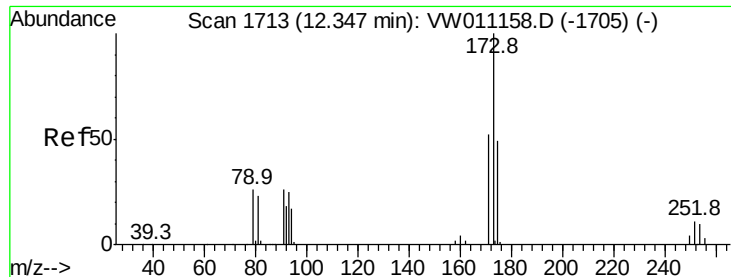
MMDadoda
7/19/2019 9:51:30 AM



#70
Styrene
Concen: 48.762 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion:104 Resp: 308629
Ion Ratio Lower Upper
104 100
78 52.9 43.1 64.7
103 54.4 44.1 66.1





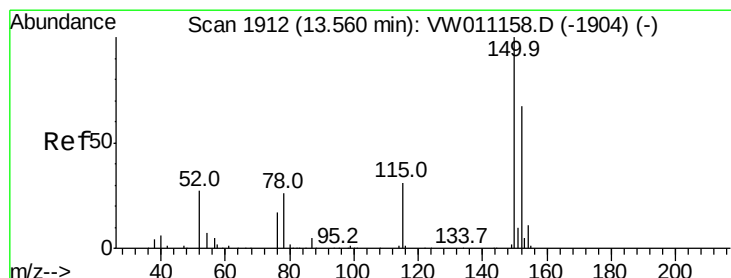
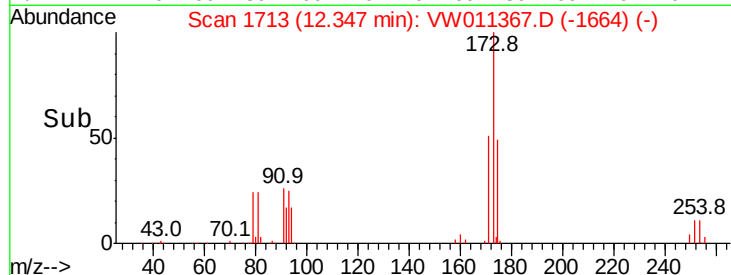
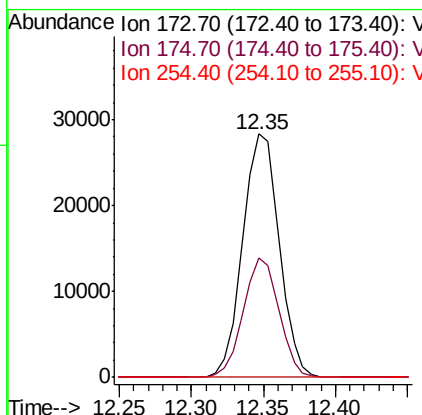
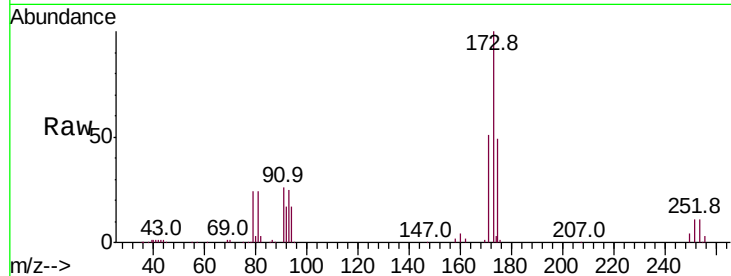
#71
Bromoform
Concen: 47.152 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.8	74.3
254	0.2	0.0	0.0

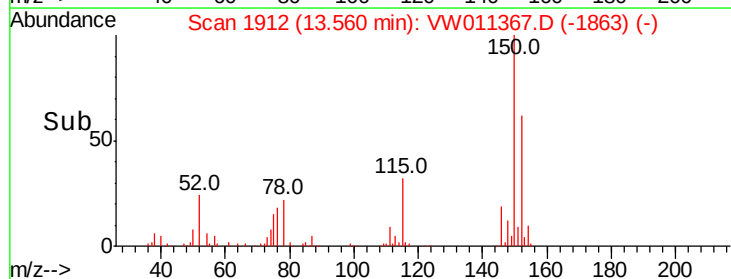
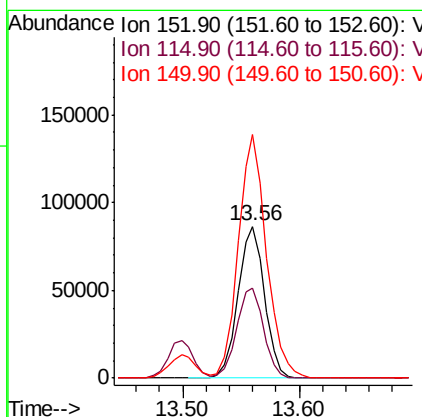
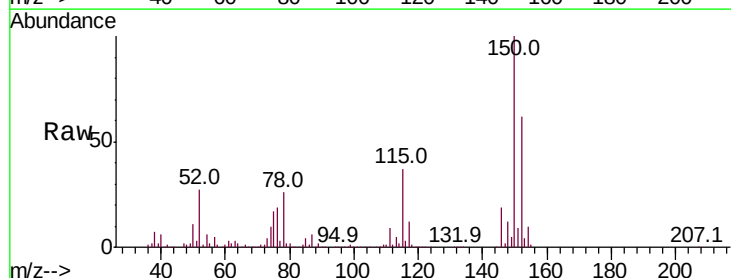
Manual Integrations
APPROVED

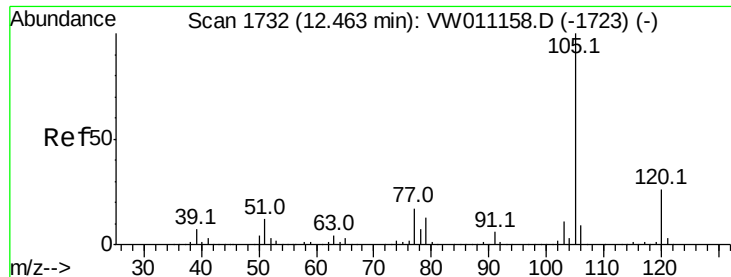
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.3
150	170.9	0.0	346.0





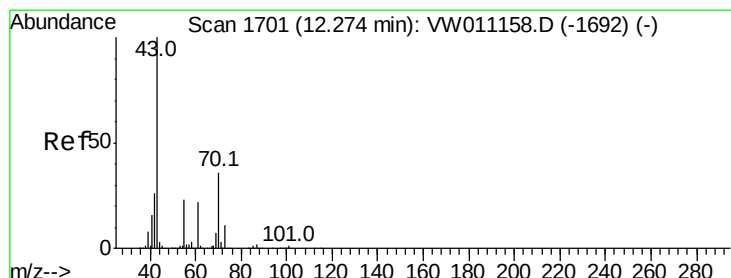
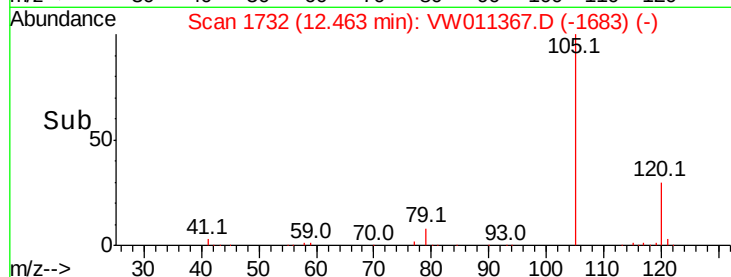
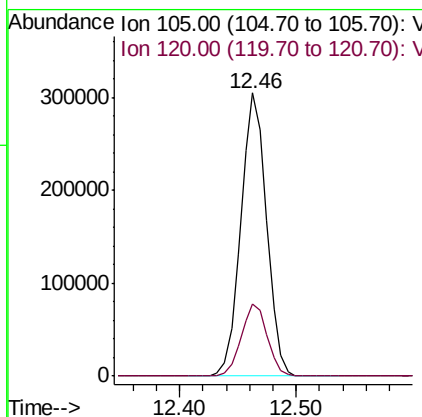
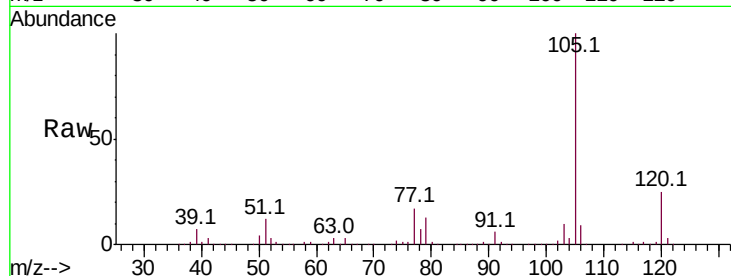
#73
Isopropylbenzene
Concen: 45.934 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.3

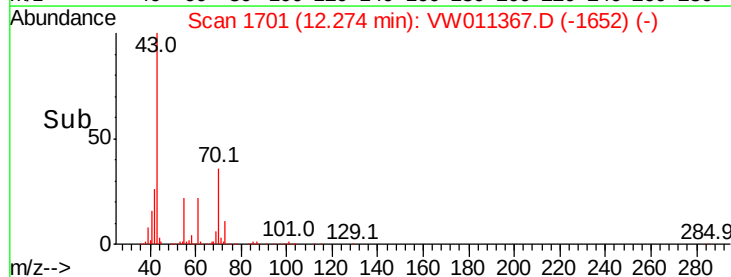
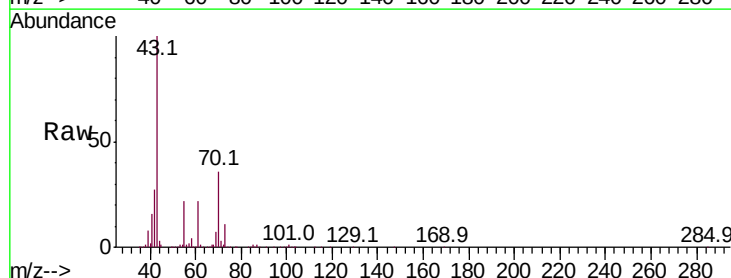
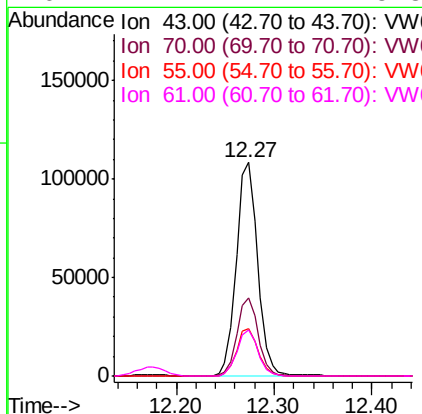
Manual Integrations
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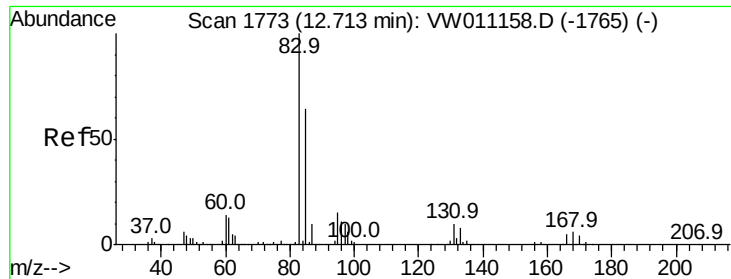
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7/19/2019 9:51:30 AM



#74
N-ethyl acetate
Concen: 46.113 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.4	28.5	42.7
55	23.0	18.1	27.1
61	21.2	17.2	25.8





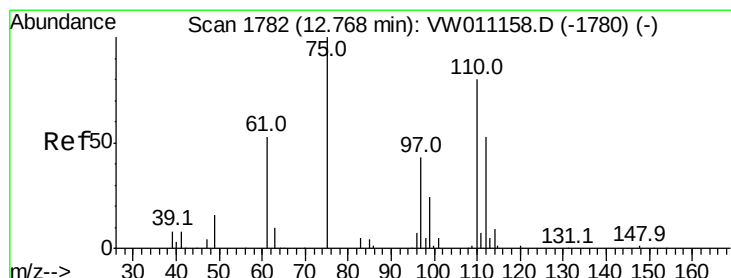
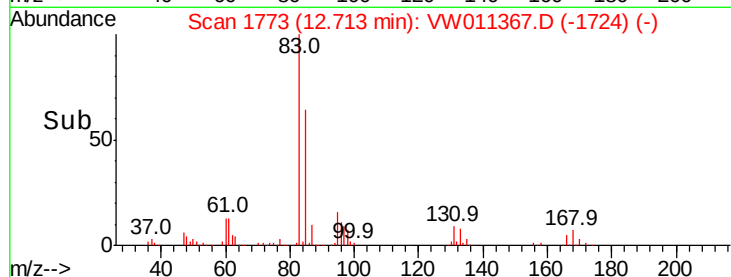
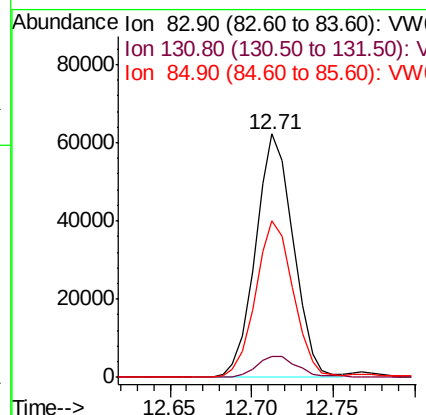
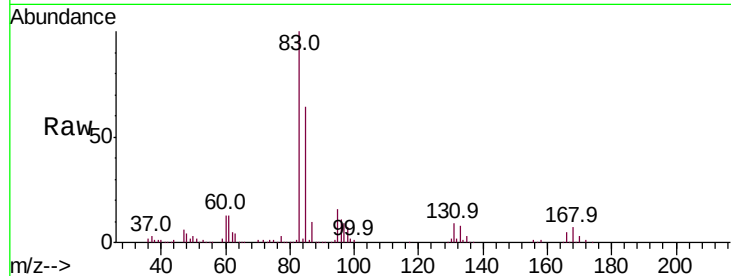
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.661 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	99749
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	5.0	15.0
85	64.1	31.6	94.8

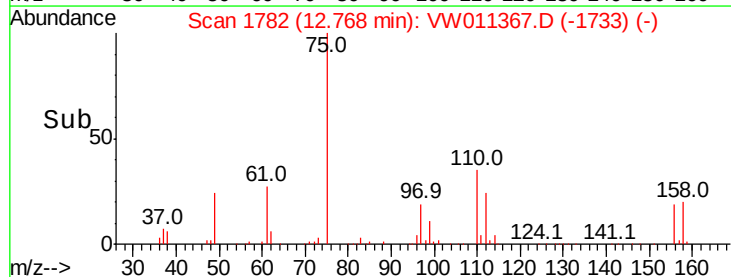
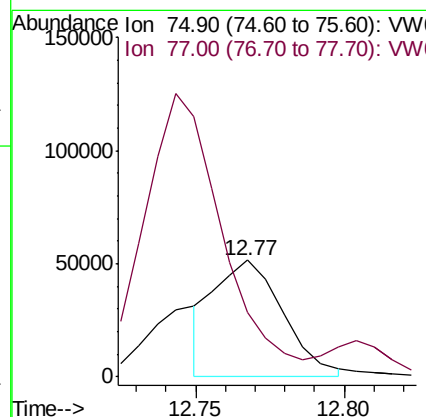
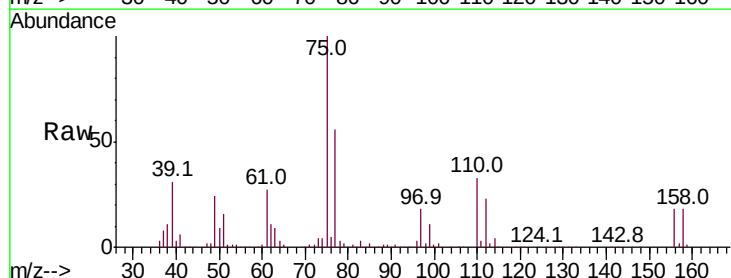
Manual Integrations
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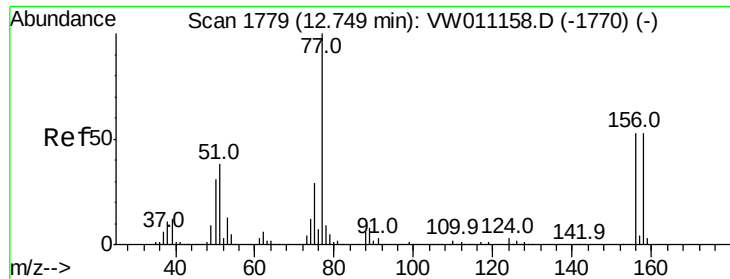
MMDadoda
 7/19/2019 9:51:30 AM



#76
 1,2,3-Trichloropropane
 Concen: 52.651 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	75	Resp	83104
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





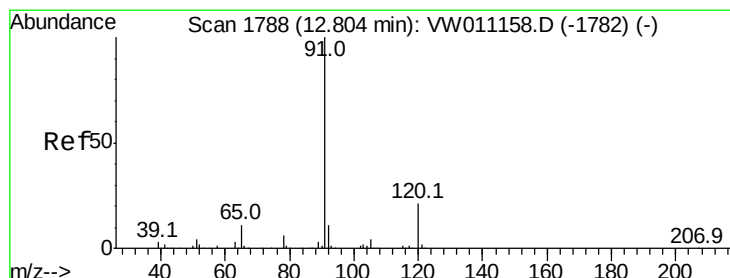
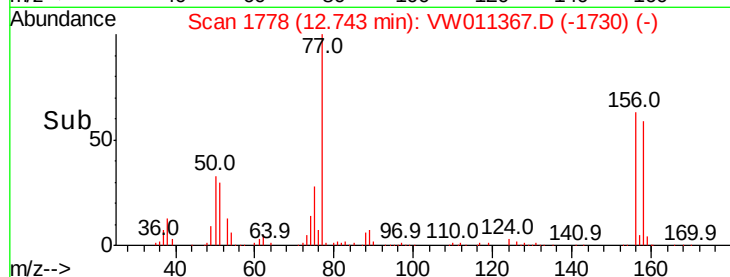
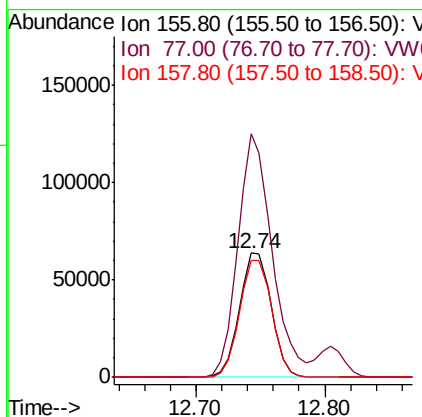
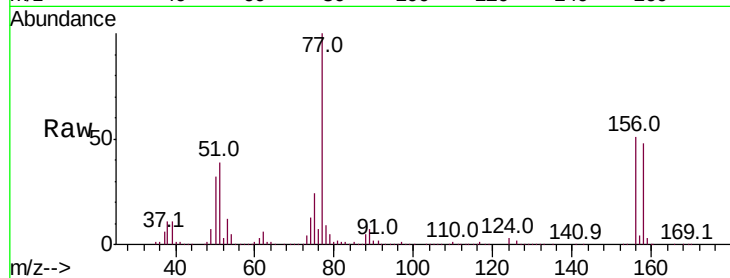
#77
Bromobenzene
Concen: 47.370 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.0	109.0	327.0
158	95.9	48.8	146.3

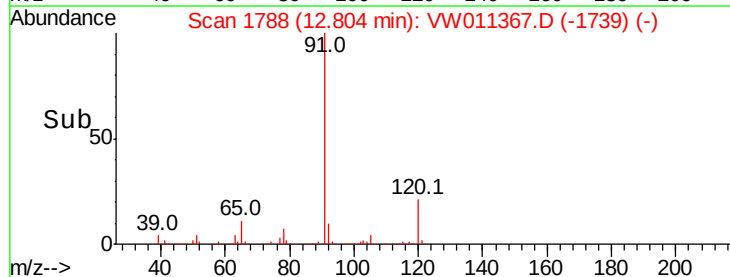
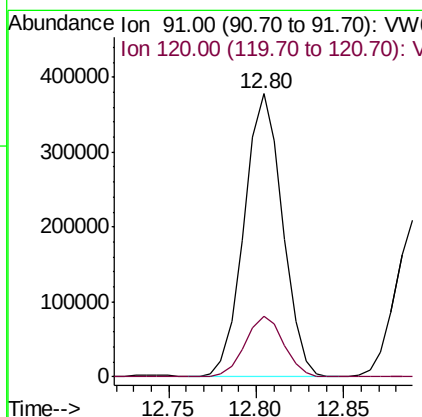
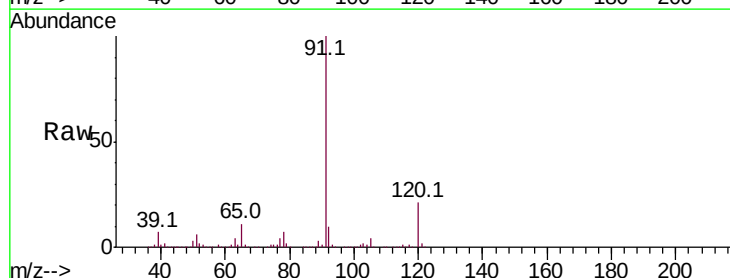
Manual Integrations
APPROVED

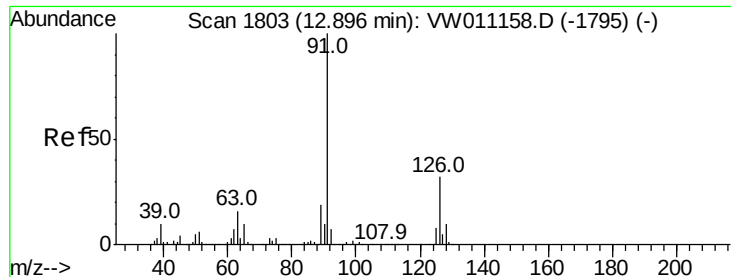
MMDadoda
7/19/2019 9:51:30 AM



#78
n-propylbenzene
Concen: 45.798 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79

2-Chlorotoluene

Concen: 46.183 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 334256

Ion Ratio Lower Upper

91 100

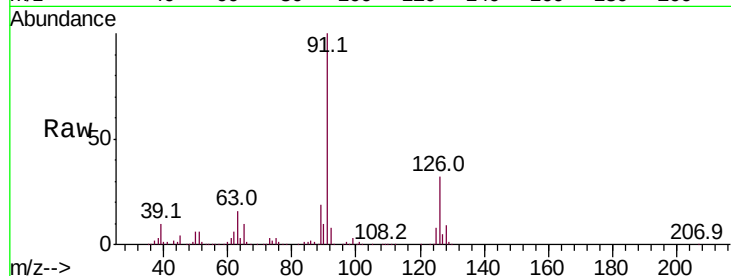
126 31.4 15.8 47.3

Manual Integrations

APPROVED

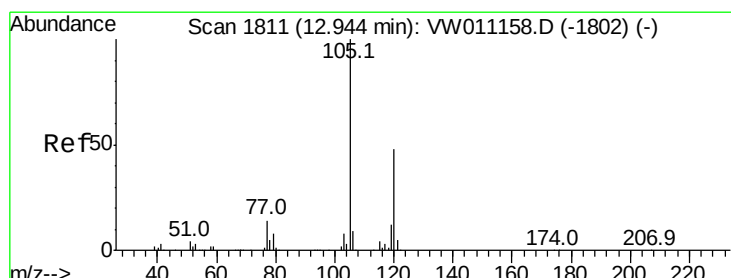
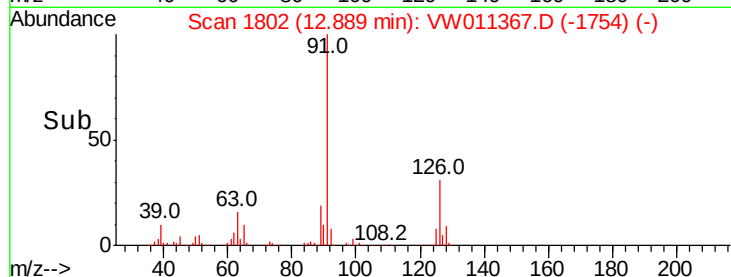
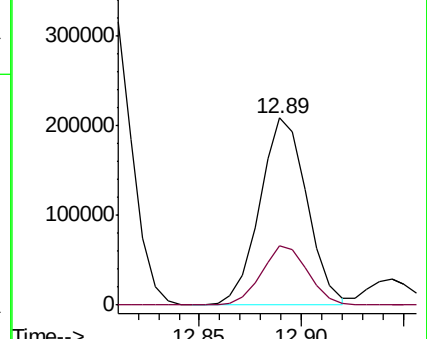
MMDadoda

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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: 46.482 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011367.D

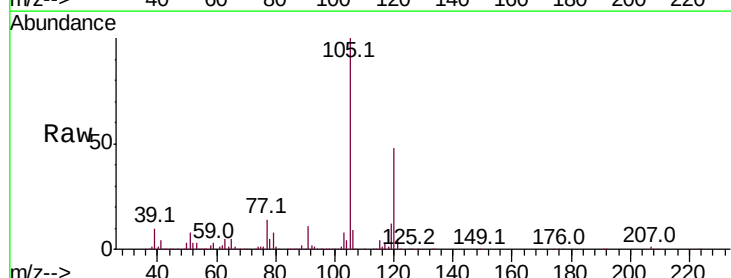
Acq: 19 Jul 2019 07:25

Tgt Ion:105 Resp: 403181

Ion Ratio Lower Upper

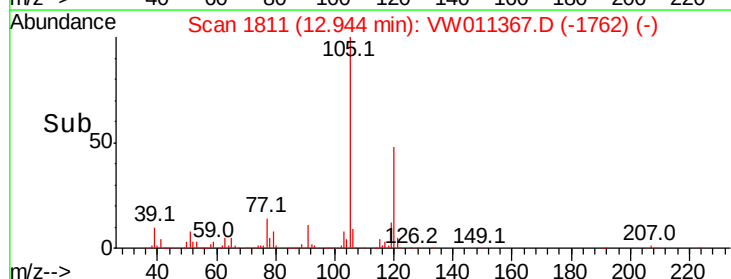
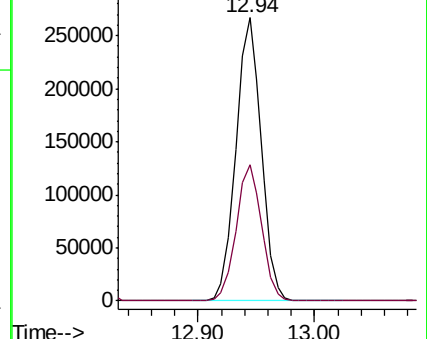
105 100

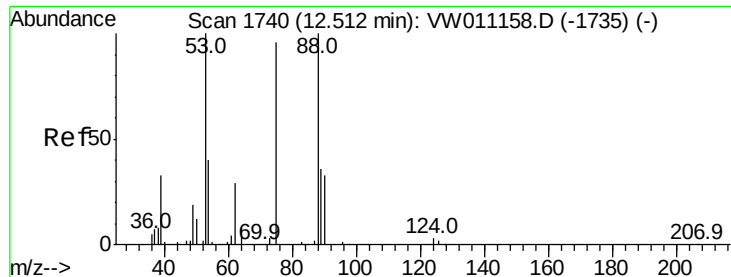
120 48.3 24.1 72.2



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: 36.699 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 25610

Ion Ratio Lower Upper

75 100

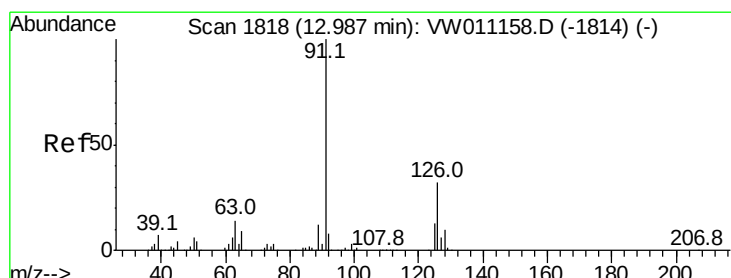
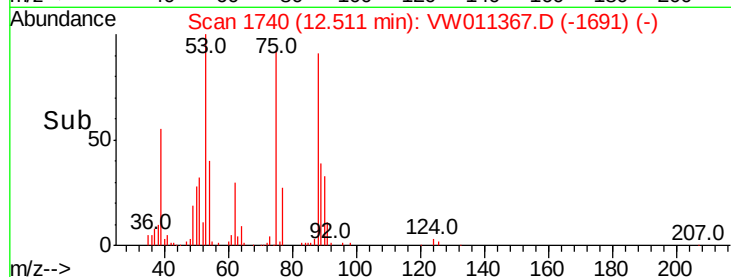
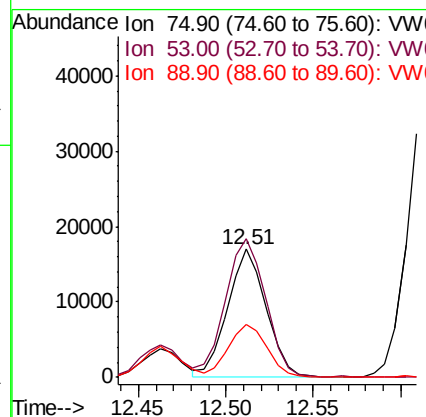
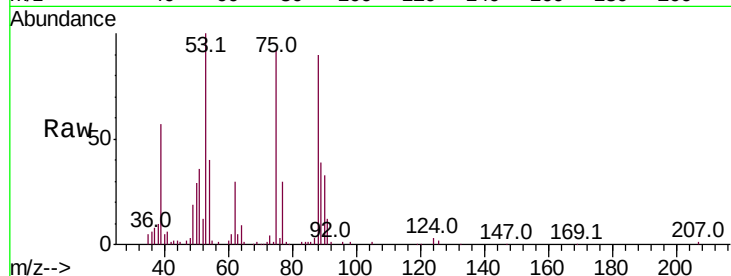
53 114.4 89.8 134.6

89 42.6 34.3 51.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.996 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW011367.D

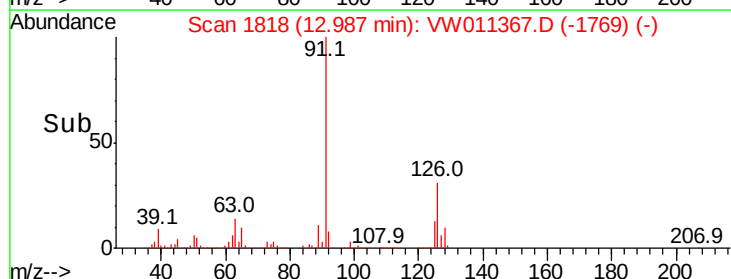
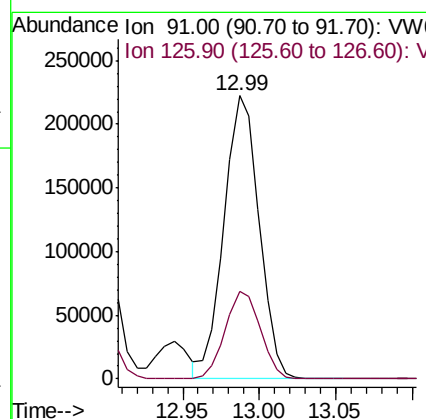
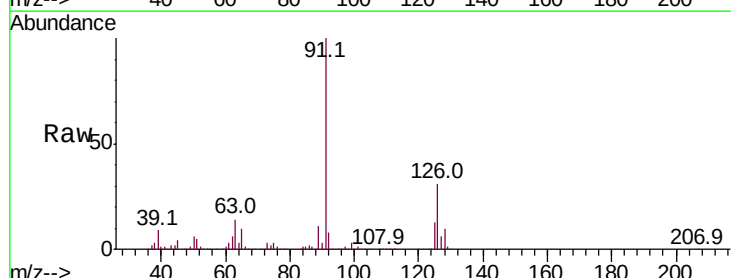
Acq: 19 Jul 2019 07:25

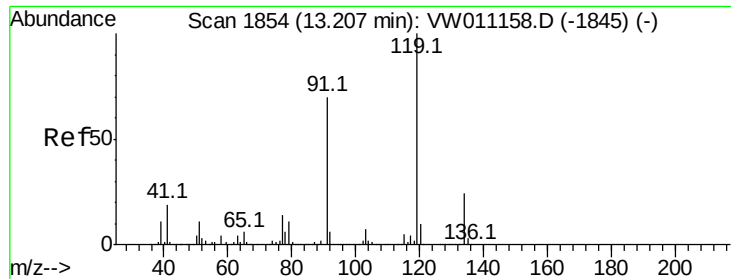
Tgt Ion: 91 Resp: 354279

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.1





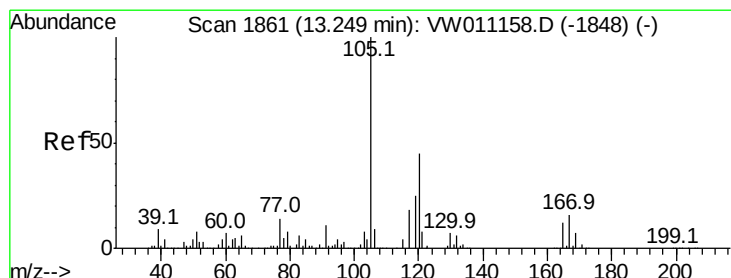
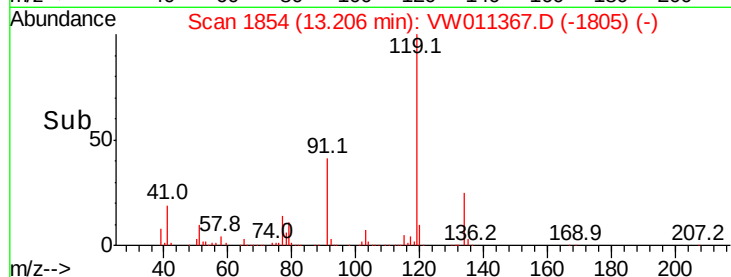
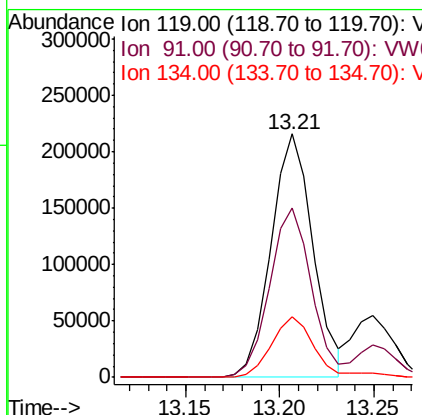
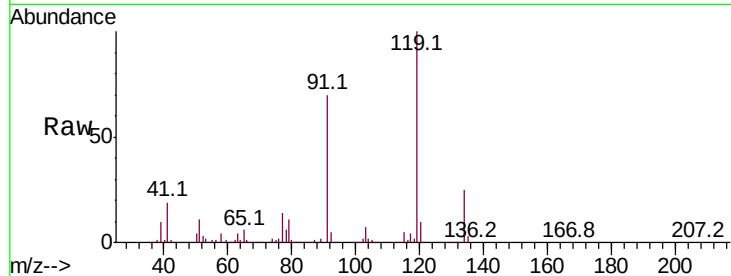
#83
tert-Butylbenzene
Concen: 45.997 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	35.4	106.3
134	24.7	13.4	40.2

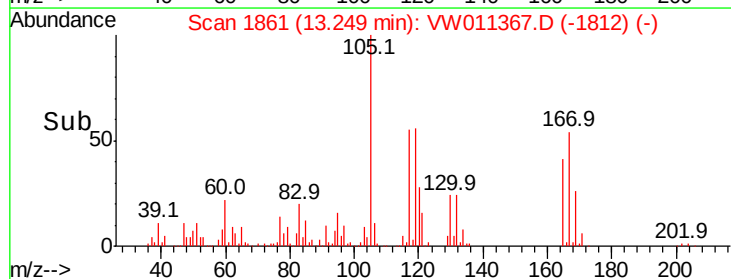
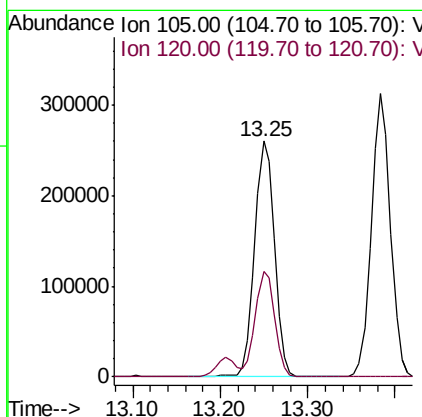
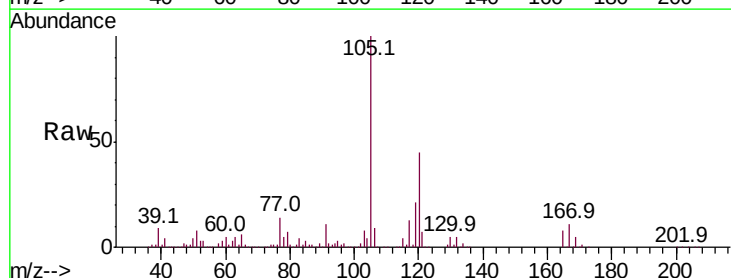
Manual Integrations
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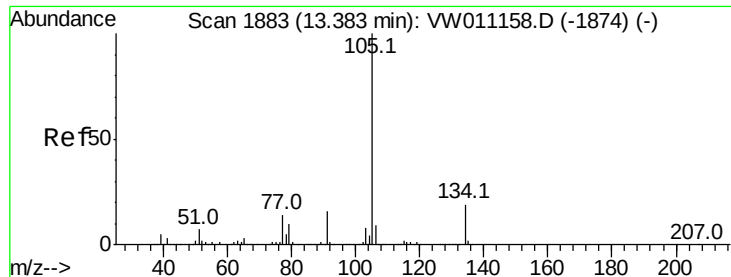
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#84
1,2,4-Trimethylbenzene
Concen: 46.999 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.3	66.9





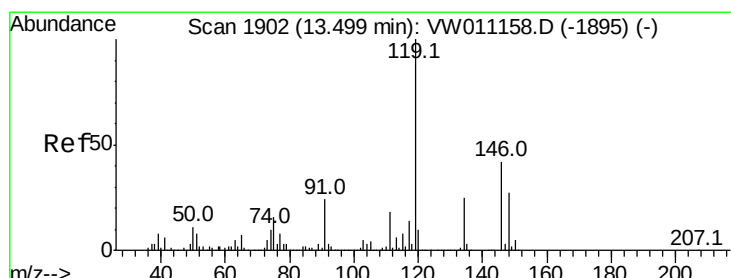
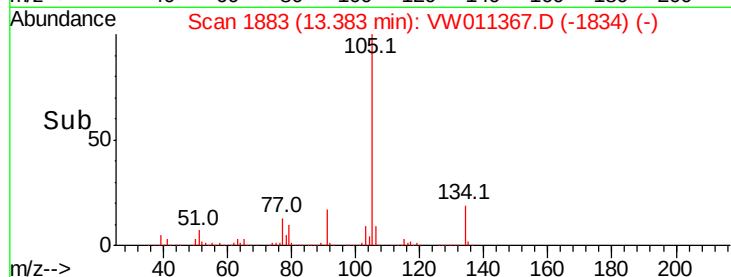
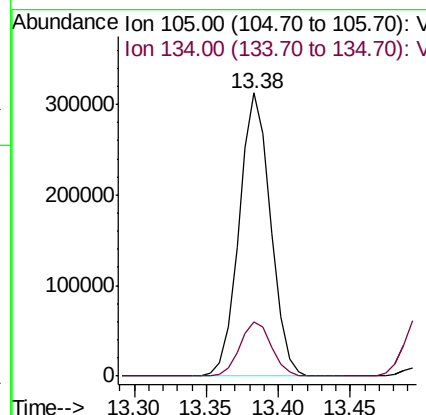
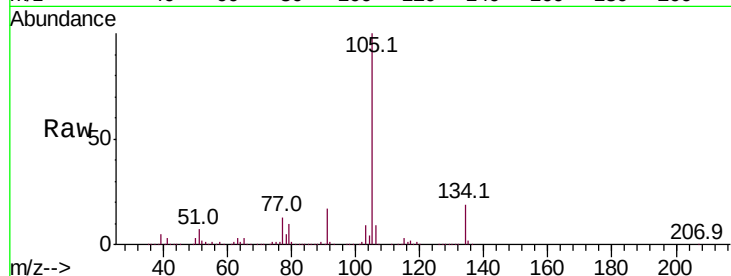
#85
 sec-Butylbenzene
 Concen: 45.272 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 472559
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

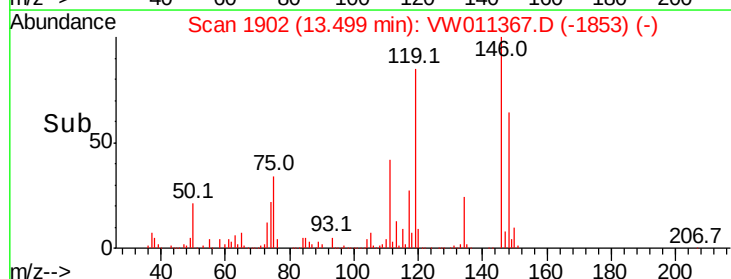
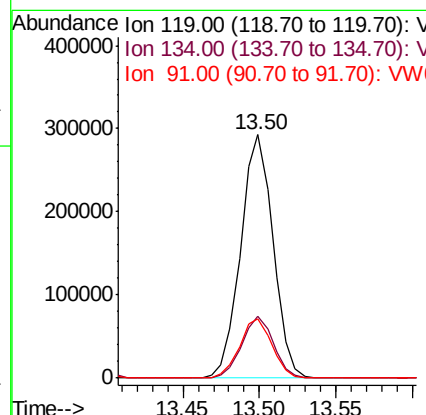
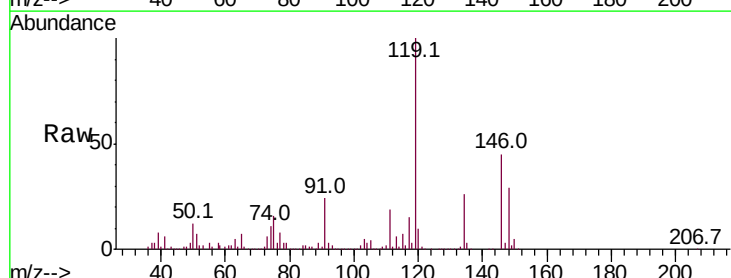
Manual Integrations
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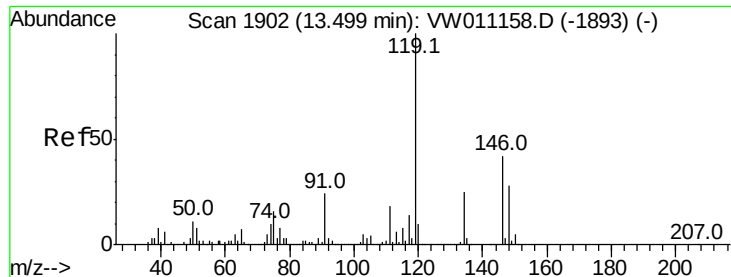
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#86
 p-Isopropyltoluene
 Concen: 45.825 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion:119 Resp: 429030
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 24.3 12.3 36.8





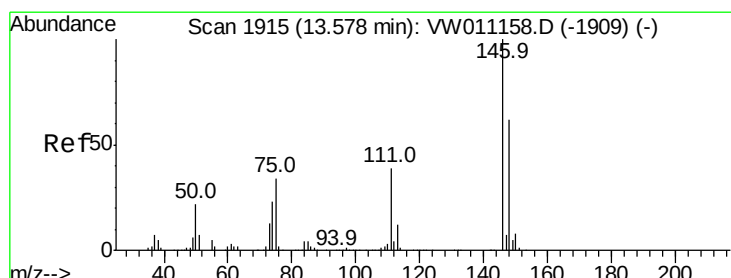
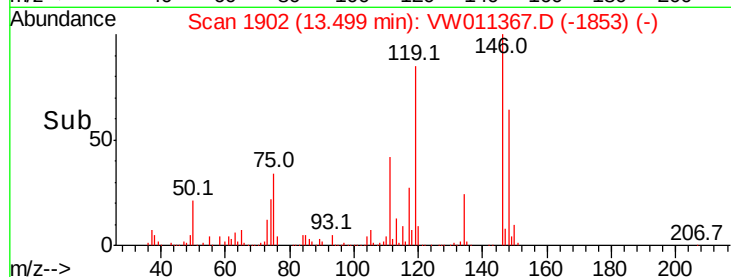
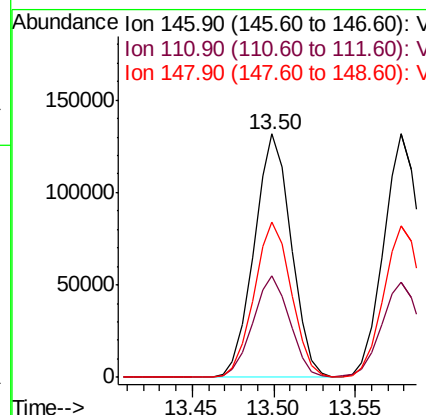
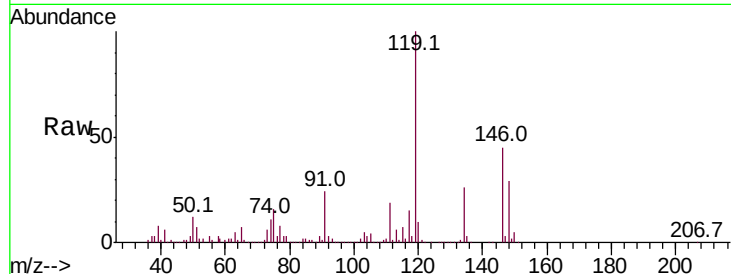
#87
1,3-Dichlorobenzene
Concen: 47.218 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208158		
111	41.4	21.1	63.1	
148	63.9	32.6	97.7	

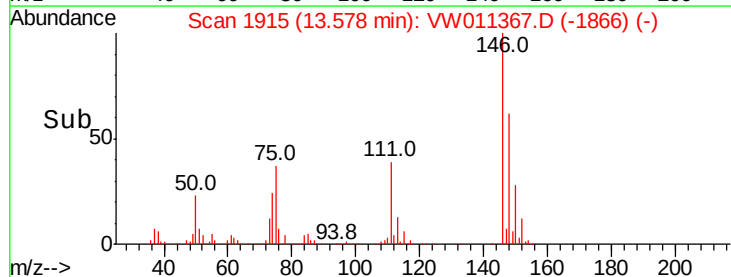
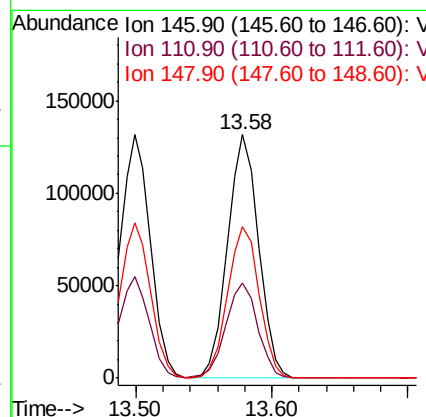
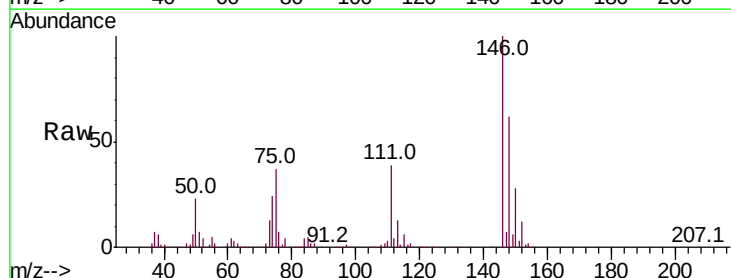
Manual Integrations
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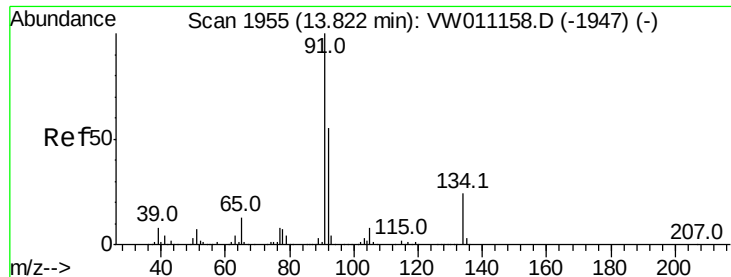
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#88
1,4-Dichlorobenzene
Concen: 46.869 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	208062		
111	40.1	19.9	59.7	
148	63.6	31.5	94.5	





#89

n-Butylbenzene

Concen: 45.377 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Instrument :

MSVOA_W

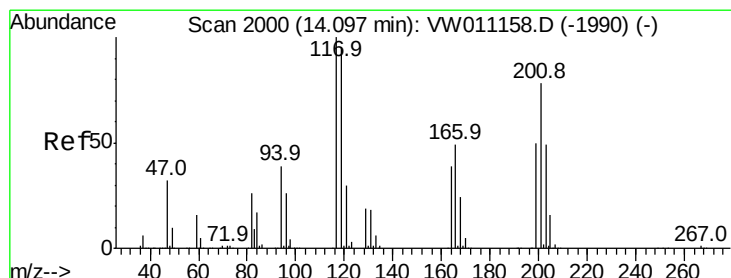
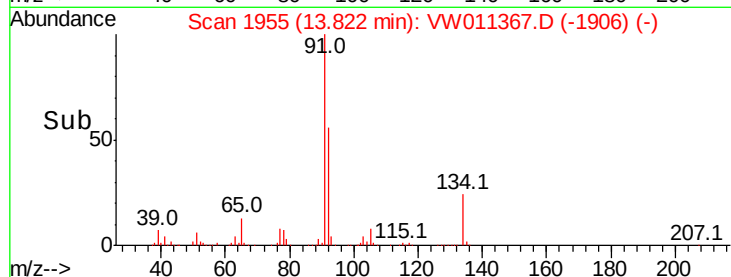
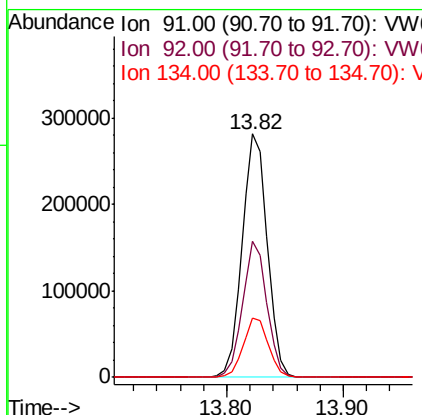
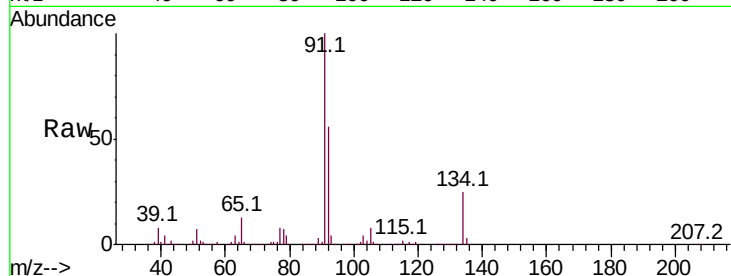
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	423802
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.7
134	24.3	12.2	36.4

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#90

Hexachloroethane

Concen: 44.454 ug/l

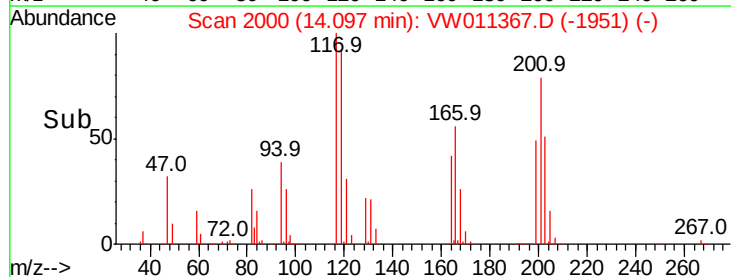
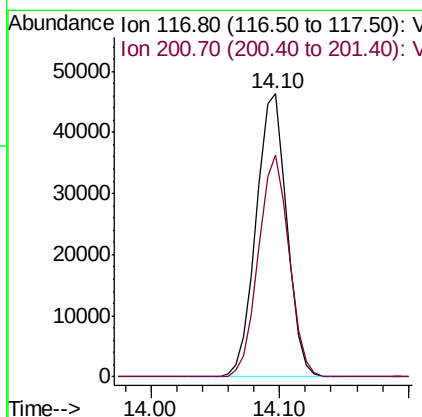
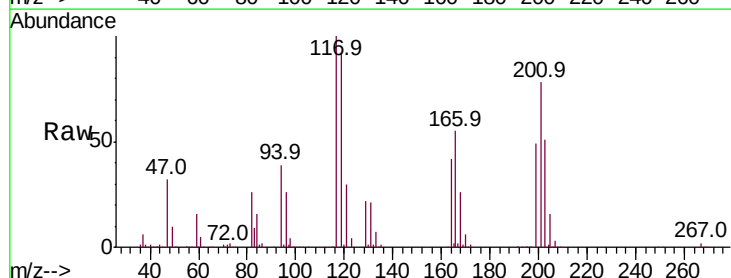
RT: 14.10 min Scan# 2000

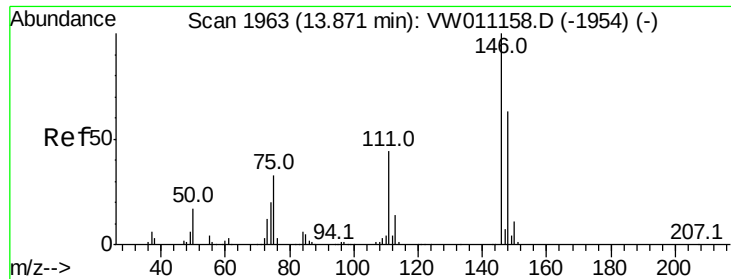
Delta R.T. -0.00 min

Lab File: VW011367.D

Acq: 19 Jul 2019 07:25

Tgt Ion:	117	Resp:	76053
Ion	Ratio	Lower	Upper
117	100		
201	78.5	38.3	114.8





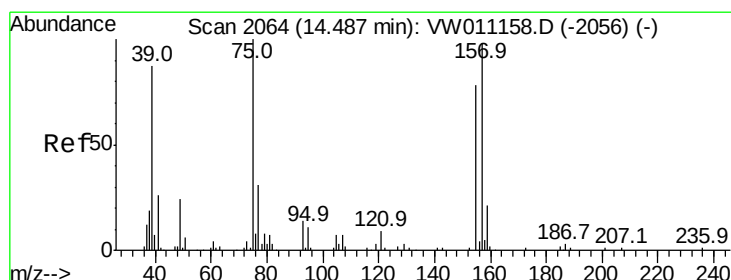
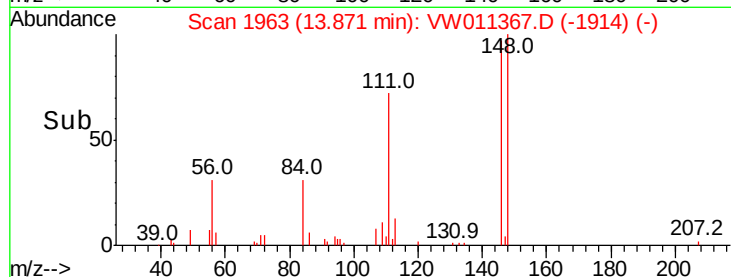
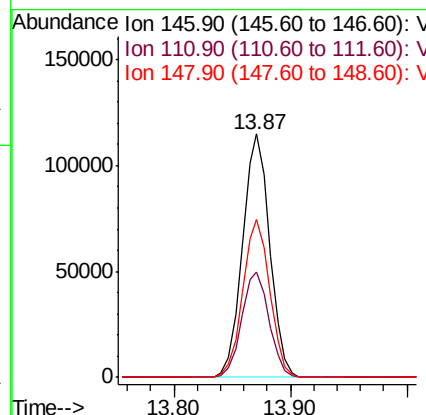
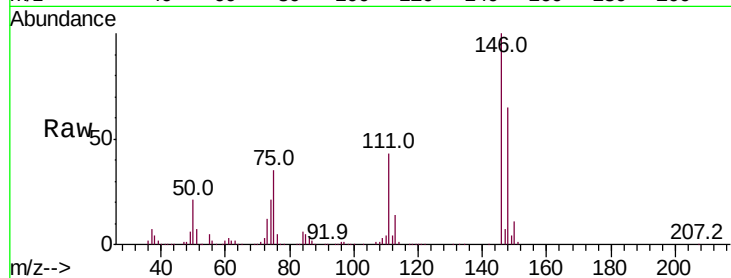
#91
 1,2-Dichlorobenzene
 Concen: 46.638 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.6	65.0
148	64.7	31.9	95.5

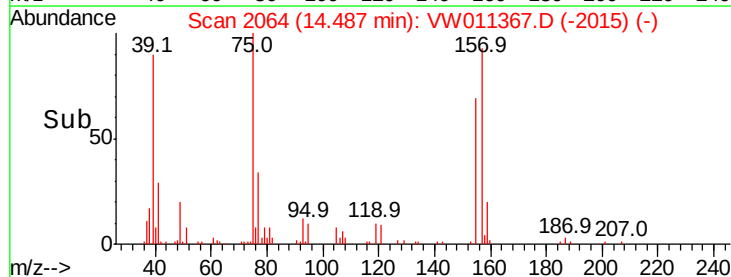
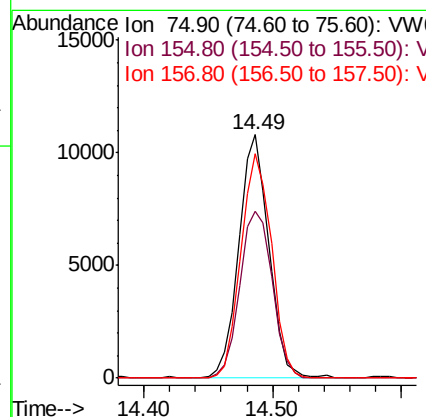
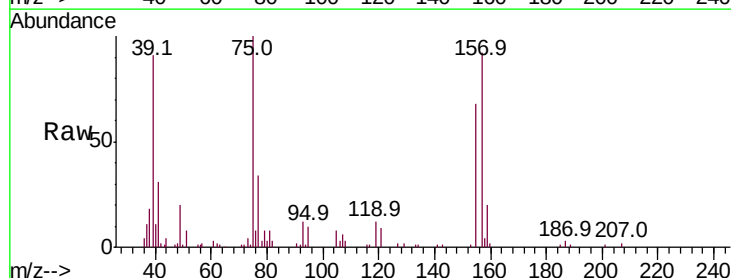
Manual Integrations
 APPROVED

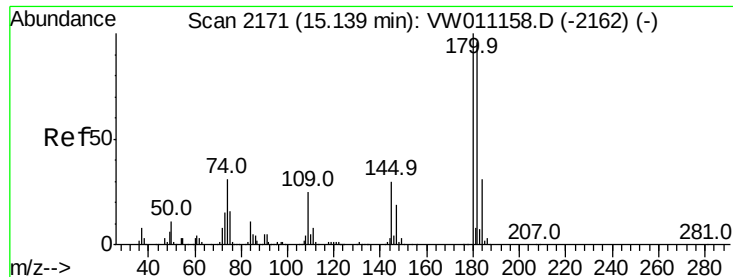
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.302 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.1	37.1	111.3
157	93.1	48.5	145.6





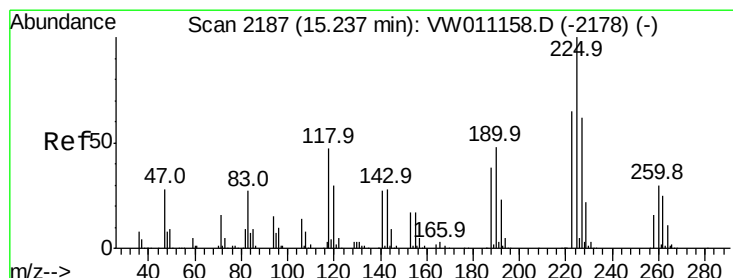
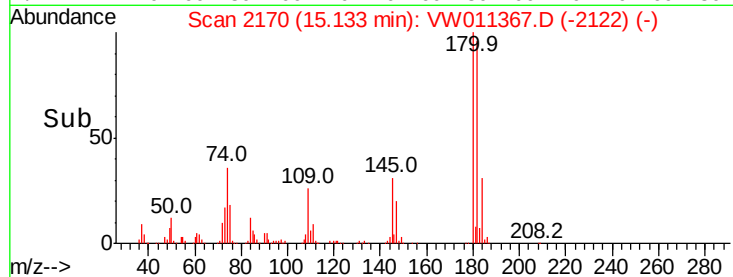
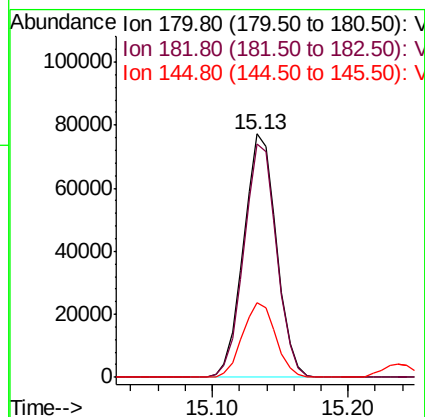
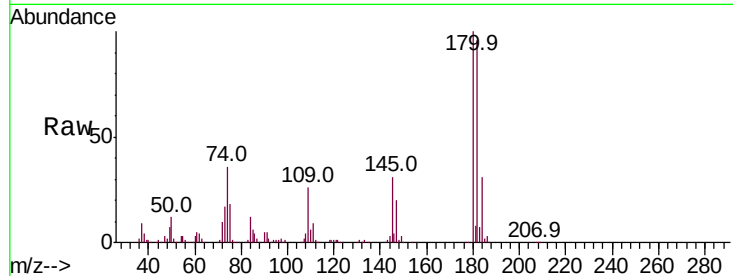
#93
 1,2,4-Trichlorobenzene
 Concen: 47.405 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	48.3	144.9	
145	30.8	15.5	46.5	

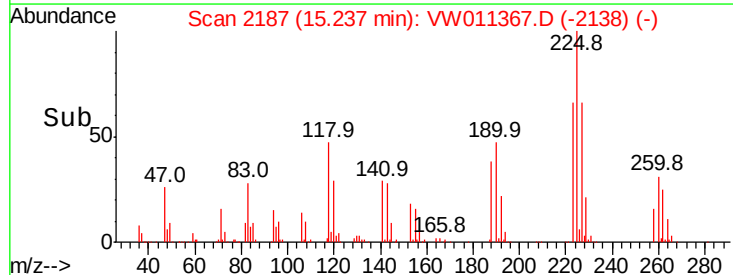
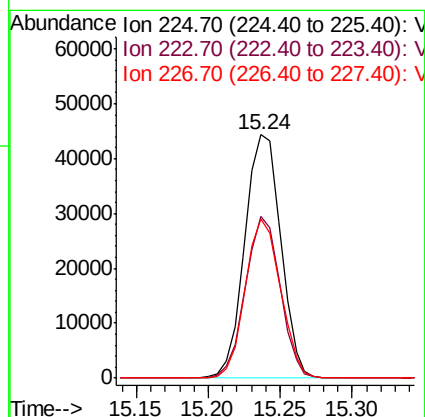
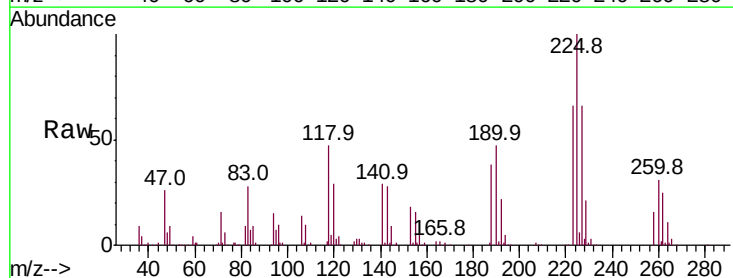
Manual Integrations
 APPROVED

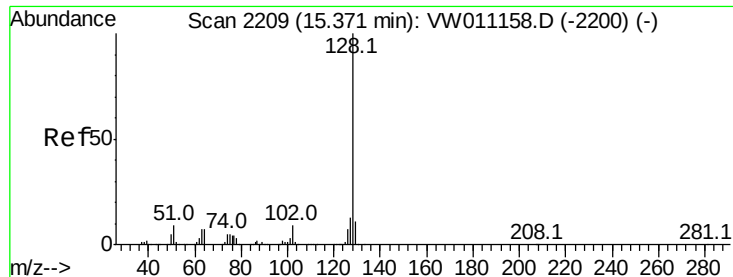
MMDadoda
 7/19/2019 9:51:30 AM



#94
 Hexachlorobutadiene
 Concen: 45.401 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011367.D
 Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	31.6	95.0	
227	64.0	32.0	96.0	





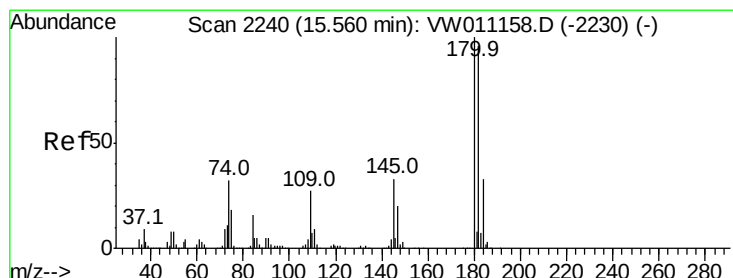
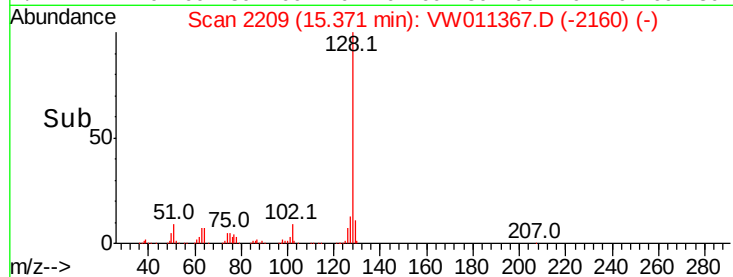
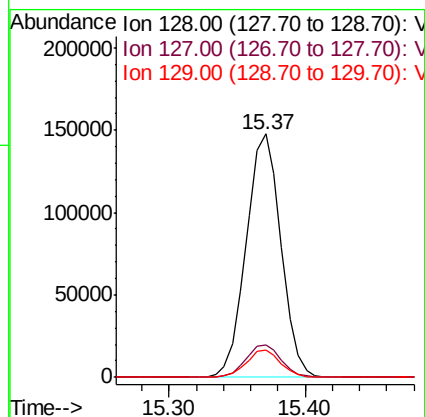
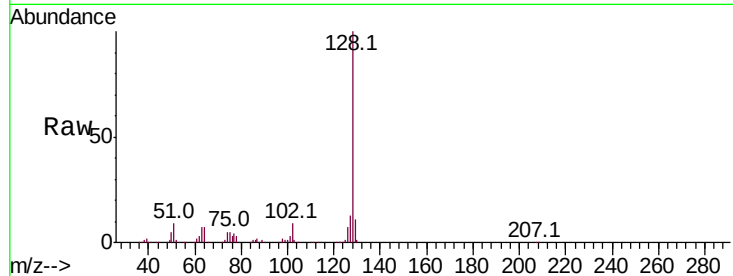
#95
Naphthalene
Concen: 50.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	264596		
127	13.4	10.6	16.0	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
7/19/2019 9:51:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.296 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011367.D
Acq: 19 Jul 2019 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117416		
182	96.9	47.6	142.8	
145	32.7	16.5	49.5	

