

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011865.D
 Acq On : 12 Aug 2019 21:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:36:25 PM

Quant Time: Aug 13 09:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136320	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.88	113	108296	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
50) Toluene-d8	10.32	98	435166	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.62	95	154475	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57976	52.899	ug/l	99
3) Chloromethane	2.21	50	93285	49.086	ug/l	98
4) Vinyl Chloride	2.36	62	121221	52.981	ug/l	99
5) Bromomethane	2.78	94	66898	52.824	ug/l	95
6) Chloroethane	2.92	64	72652	55.589	ug/l	97
7) Trichlorofluoromethane	3.25	101	62561	61.182	ug/l	99
8) Diethyl Ether	3.68	74	62606	54.000	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109835	56.624	ug/l	100
10) Methyl Iodide	4.28	142	156654	57.148	ug/l	99
11) Tert butyl alcohol	5.17	59	43095	259.257	ug/l	98
12) 1,1-Dichloroethene	4.04	96	110452	53.930	ug/l	99
13) Acrolein	3.89	56	30030	185.339	ug/l	97
14) Allyl chloride	4.67	41	247583	56.837	ug/l	98
15) Acrylonitrile	5.37	53	162379	280.572	ug/l	100
16) Acetone	4.12	43	158778	221.046	ug/l	98
17) Carbon Disulfide	4.39	76	343889	53.648	ug/l	98
18) Methyl Acetate	4.67	43	90798	56.268	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	185973	57.222	ug/l	98
20) Methylene Chloride	4.92	84	129642	52.332	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	122141	55.317	ug/l	97
22) Diisopropyl ether	6.31	45	467164	56.883	ug/l	100
23) Vinyl Acetate	6.25	43	1448542	280.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250476	56.946	ug/l	99
25) 2-Butanone	7.17	43	230509	245.243	ug/l	100
26) 2,2-Dichloropropane	7.17	77	134117	49.581	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	132943	54.706	ug/l	99
28) Bromochloromethane	7.51	49	108726	55.691	ug/l	99
29) Tetrahydrofuran	7.52	42	146778	273.194	ug/l	99
30) Chloroform	7.68	83	227929	56.170	ug/l	97
31) Cyclohexane	7.96	56	220848	52.307	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	180190	58.307	ug/l	99
36) 1,1-Dichloropropene	8.08	75	185633	54.649	ug/l	100
37) Ethyl Acetate	7.26	43	103843	53.136	ug/l	98
38) Carbon Tetrachloride	8.07	117	161738	55.620	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	205686	54.992	ug/l	98
40) Benzene	8.32	78	516825	54.319	ug/l	99
41) Methacrylonitrile	7.48	41	63195	54.095	ug/l	96
42) 1,2-Dichloroethane	8.40	62	163861	55.007	ug/l	100
43) Isopropyl Acetate	8.43	43	194858	54.217	ug/l	100
44) Trichloroethene	9.09	130	123018	53.794	ug/l	100
45) 1,2-Dichloropropane	9.37	63	142042	55.794	ug/l	100
46) Dibromomethane	9.46	93	63479	54.631	ug/l	99
47) Bromodichloromethane	9.65	83	171364	56.223	ug/l	99
48) Methyl methacrylate	9.43	41	95493	55.312	ug/l	98
49) 1,4-Dioxane	9.45	88	20763	1234.104	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	504549	269.892	ug/l	99
52) Toluene	10.39	92	313766	54.607	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	174978	54.957	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208515	55.080	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	89204	54.108	ug/l	98
56) Ethyl methacrylate	10.65	69	132512	54.928	ug/l	99
57) 1,3-Dichloropropane	10.93	76	171730	55.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	344805	314.785	ug/l	100
59) 2-Hexanone	10.97	43	342439	259.433	ug/l	100
60) Dibromochloromethane	11.13	129	103120	56.349	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84124	53.920	ug/l	100
64) Tetrachloroethene	10.86	164	101985	54.863	ug/l	97
65) Chlorobenzene	11.66	112	312416	54.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	113398	56.718	ug/l	99
67) Ethyl Benzene	11.73	91	607591	55.580	ug/l	99
68) m/p-Xylenes	11.84	106	438651	110.337	ug/l	99
69) o-Xylene	12.16	106	205226	55.552	ug/l	98
70) Styrene	12.18	104	361151	56.540	ug/l	99
71) Bromoform	12.35	173	57534	56.440	ug/l #	98
73) Isopropylbenzene	12.46	105	566657	55.552	ug/l	100
74) N-amyl acetate	12.27	43	177399	55.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	105972	55.231	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75935m	52.486	ug/l	
77) Bromobenzene	12.75	156	124703	55.310	ug/l	99
78) n-propylbenzene	12.80	91	700736	56.447	ug/l	99
79) 2-Chlorotoluene	12.89	91	399695	55.888	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	483082	56.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33874	53.960	ug/l	97
82) 4-Chlorotoluene	12.99	91	409626	54.590	ug/l	99
83) tert-Butylbenzene	13.21	119	407667	57.014	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	483982	56.189	ug/l	99
85) sec-Butylbenzene	13.38	105	580851	56.932	ug/l	100
86) p-Isopropyltoluene	13.50	119	520093	56.184	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	240830	54.477	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	235845	53.630	ug/l	99
89) n-Butylbenzene	13.82	91	515300	55.781	ug/l	99
90) Hexachloroethane	14.09	117	94525	57.746	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	214816	54.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18889	57.731	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	148721	53.970	ug/l	100
94) Hexachlorobutadiene	15.24	225	95638	55.653	ug/l	96
95) Naphthalene	15.37	128	276354	51.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130664	54.094	ug/l	98

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

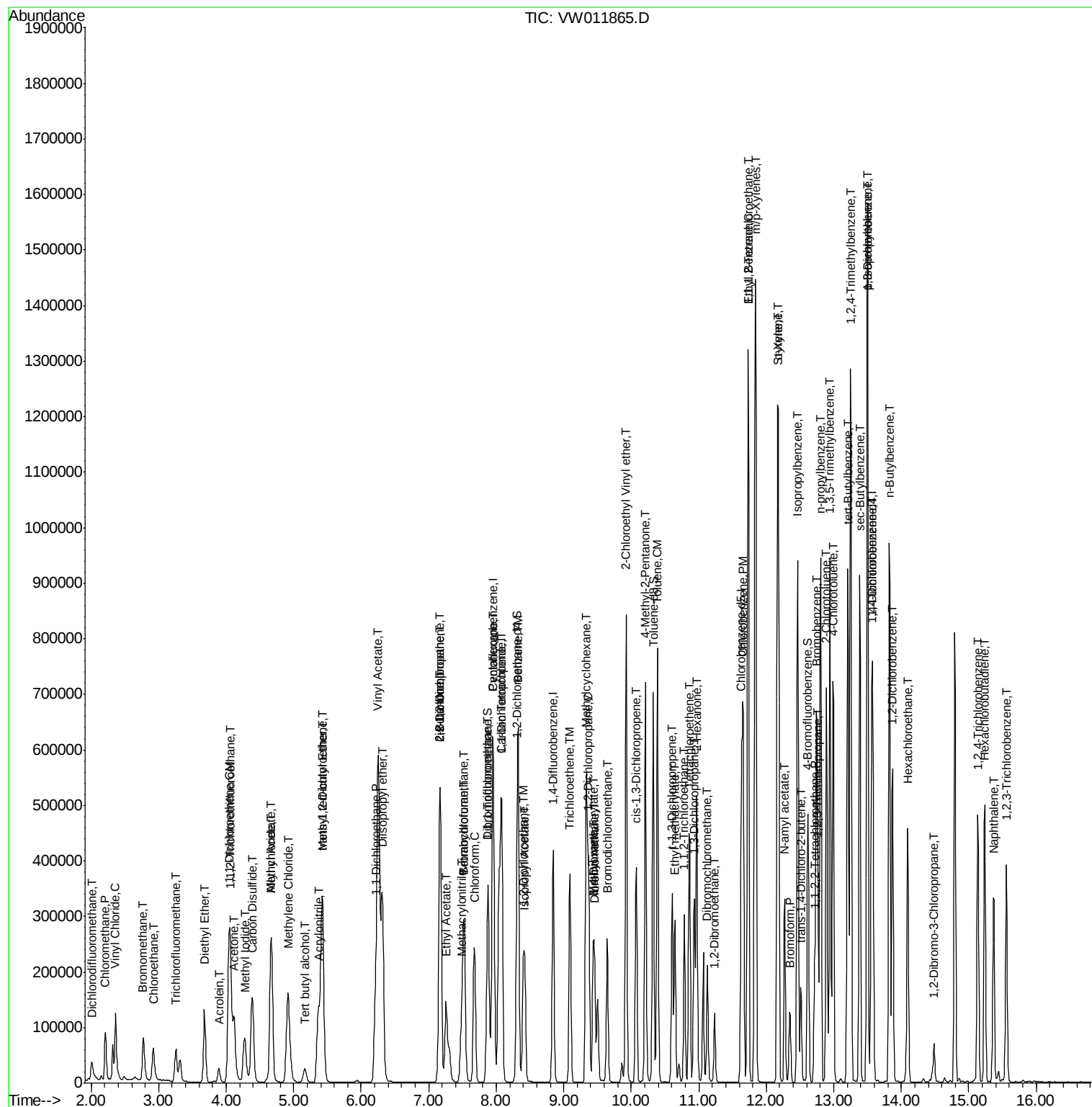
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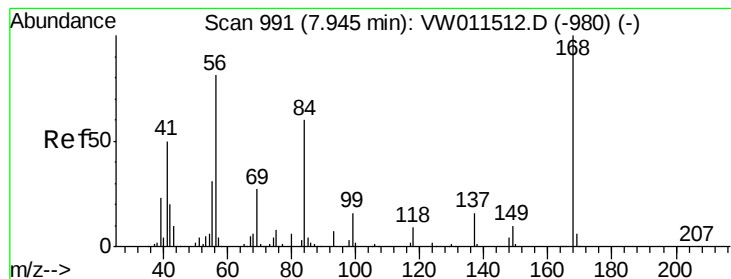
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 196653

Ion Ratio Lower Upper

168 100

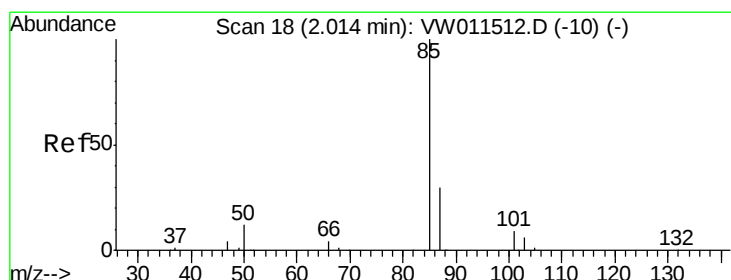
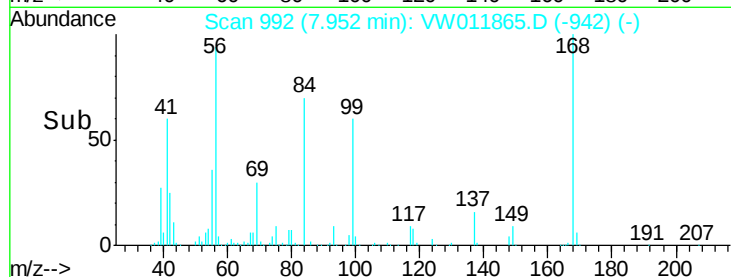
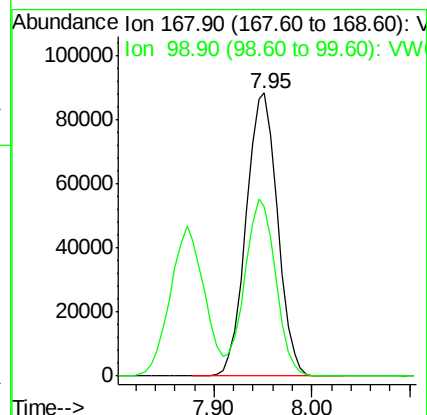
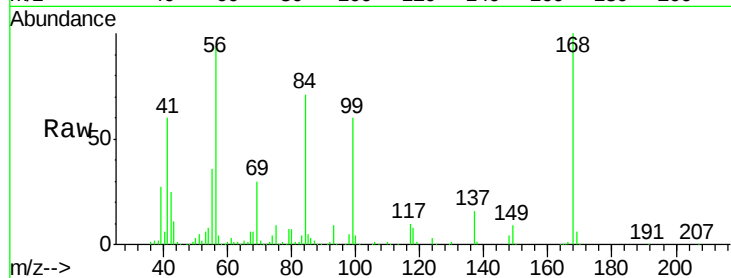
99 59.6 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.899 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011865.D

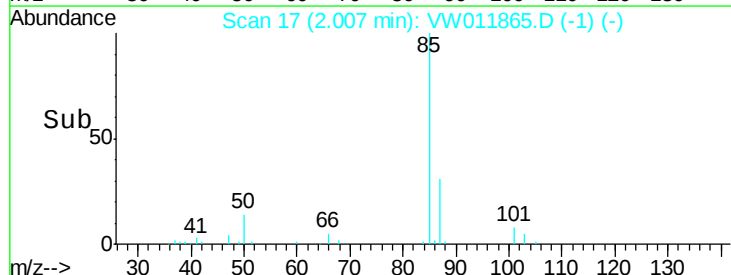
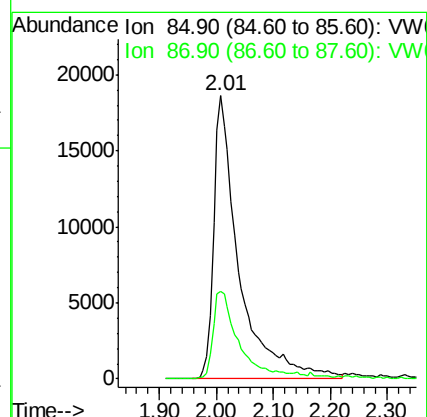
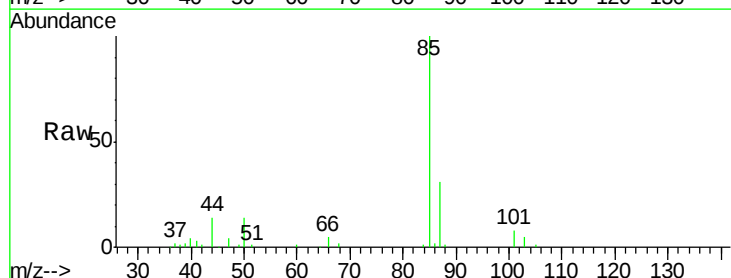
Acq: 12 Aug 2019 21:43

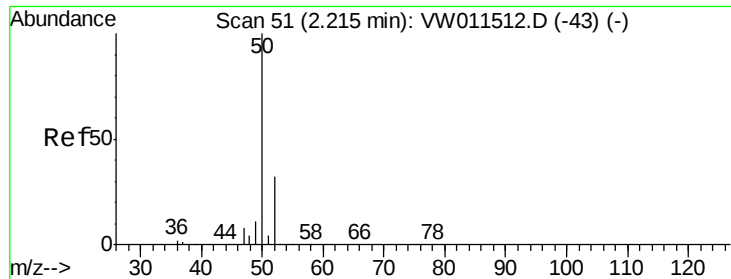
Tgt Ion: 85 Resp: 57976

Ion Ratio Lower Upper

85 100

87 30.9 15.2 45.6





#3

Chloromethane

Concen: 49.086 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93285

Ion Ratio Lower Upper

50 100

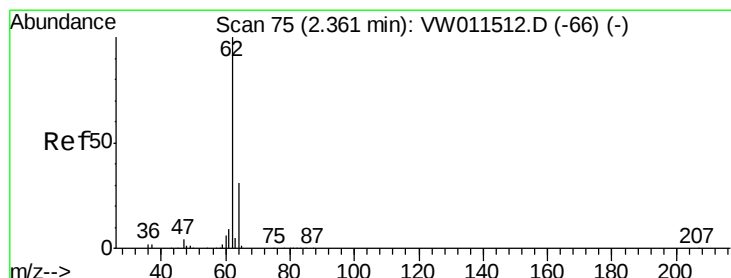
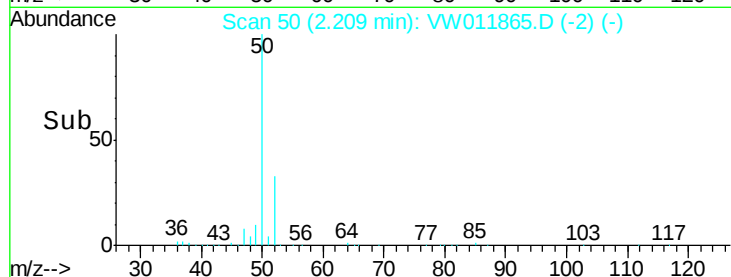
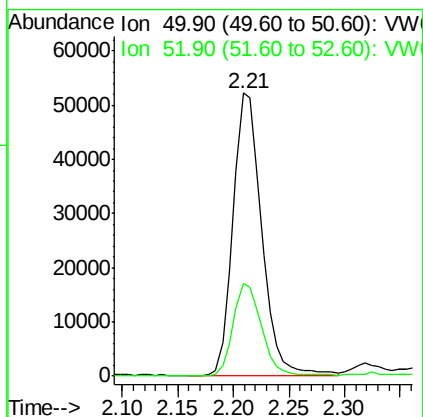
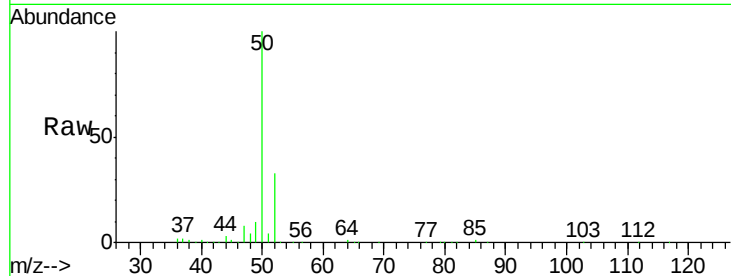
52 32.8 25.4 38.2

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#4

Vinyl Chloride

Concen: 52.981 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011865.D

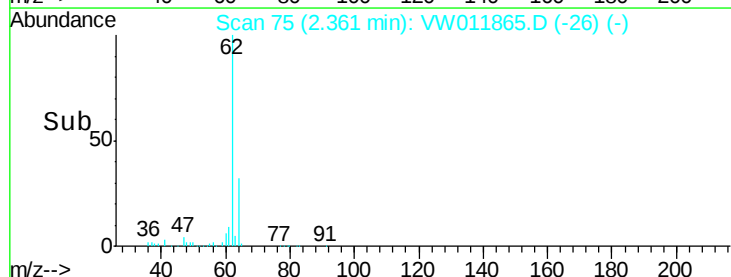
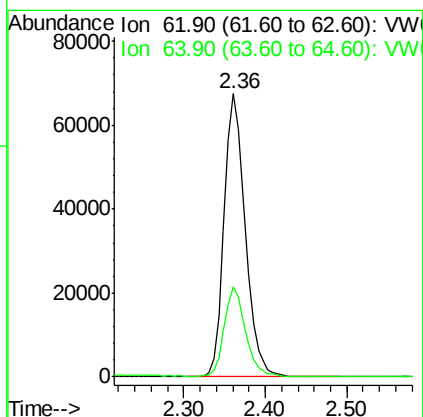
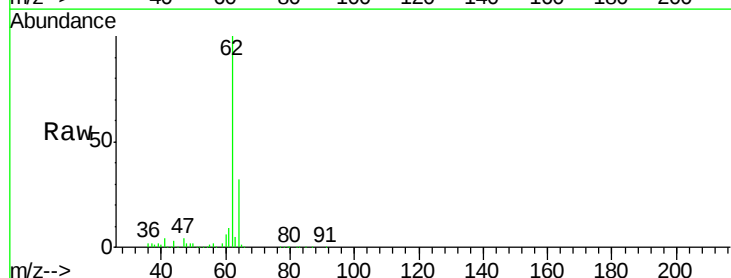
Acq: 12 Aug 2019 21:43

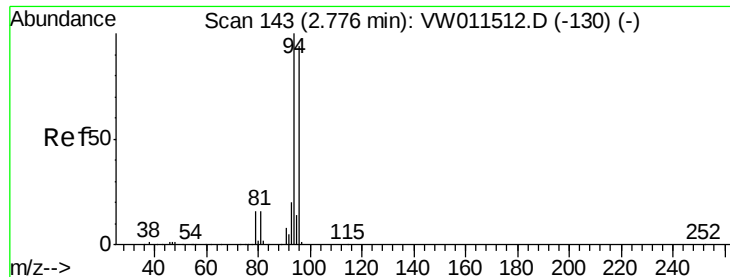
Tgt Ion: 62 Resp: 121221

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 52.824 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66898

Ion Ratio Lower Upper

94 100

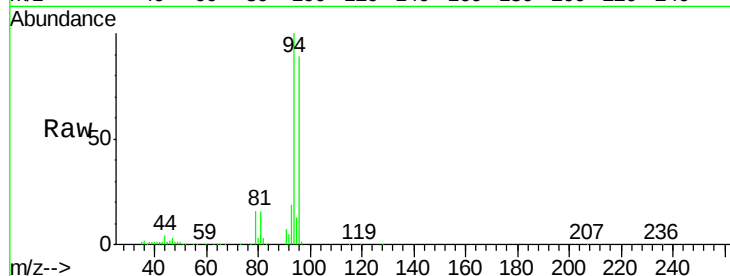
96 88.5 75.0 112.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

30000

25000

20000

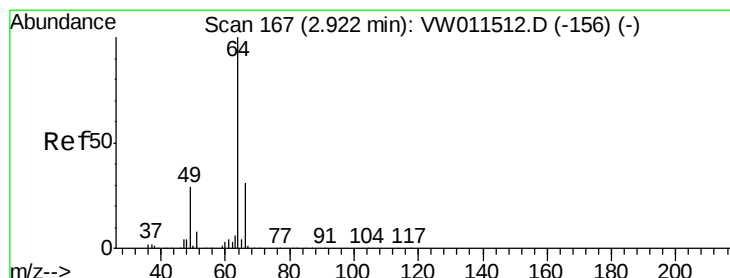
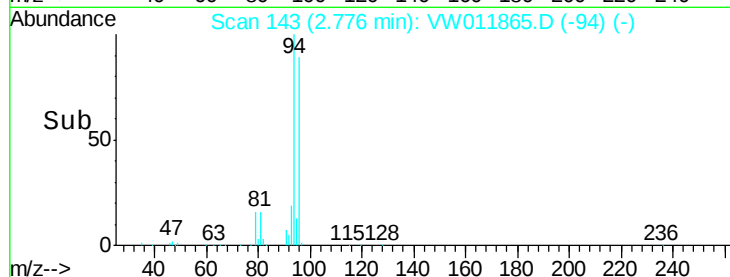
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 55.589 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW011865.D

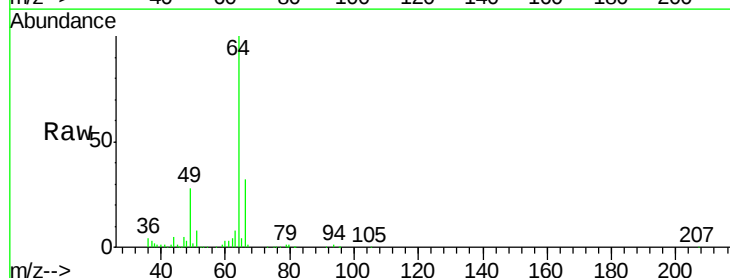
Acq: 12 Aug 2019 21:43

Tgt Ion: 64 Resp: 72652

Ion Ratio Lower Upper

64 100

66 32.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

30000

25000

20000

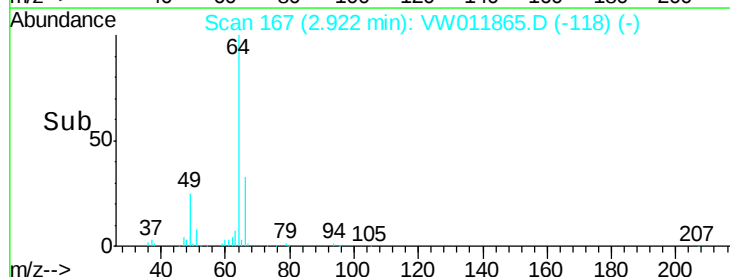
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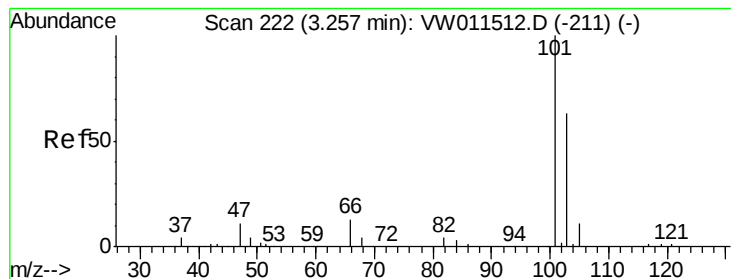
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Time-->





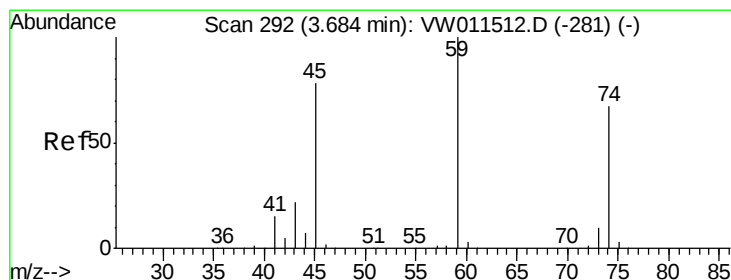
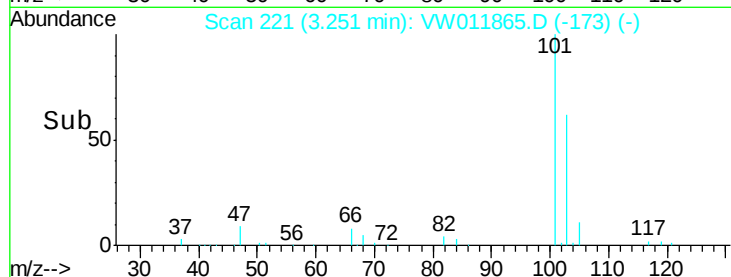
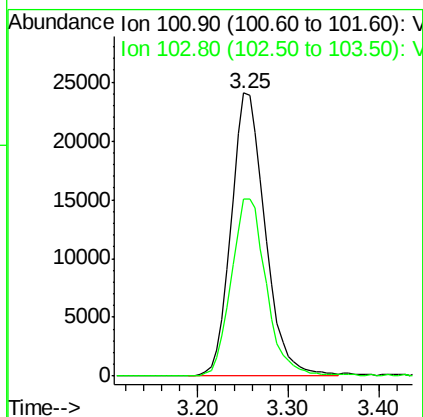
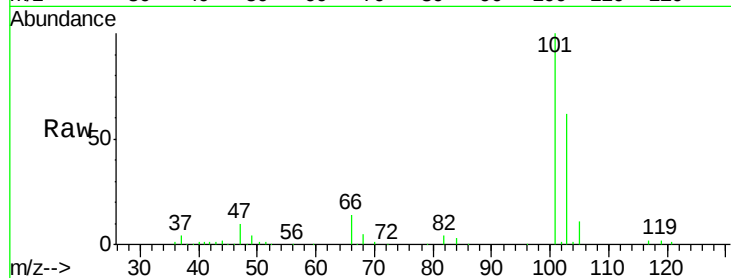
#7
 Trichlorofluoromethane
 Concen: 61.182 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 101 Resp: 62561
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.2 75.4

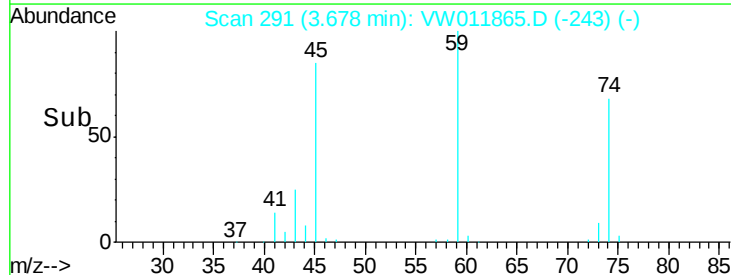
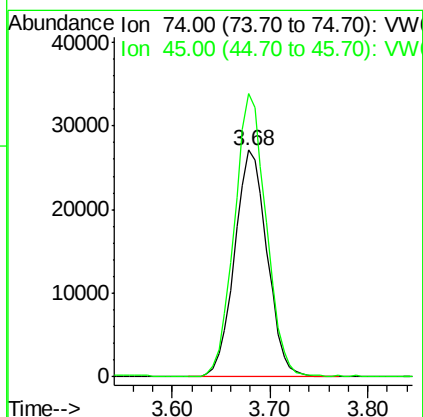
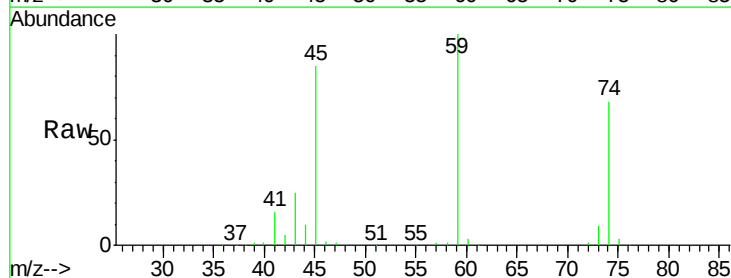
Manual Integrations
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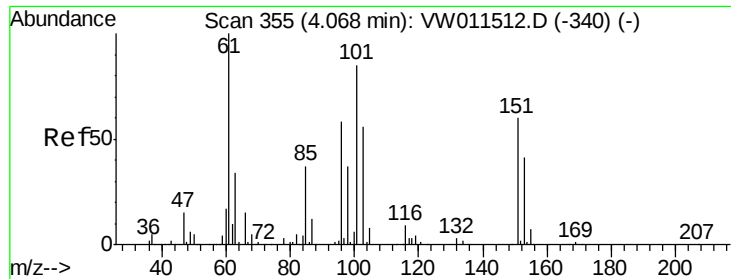
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#8
 Diethyl Ether
 Concen: 54.000 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 74 Resp: 62606
 Ion Ratio Lower Upper
 74 100
 45 122.8 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.624 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

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MSVOA_W

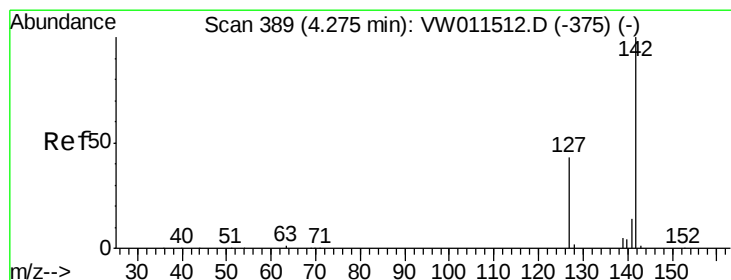
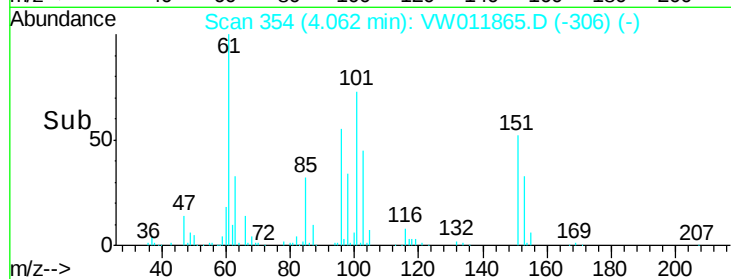
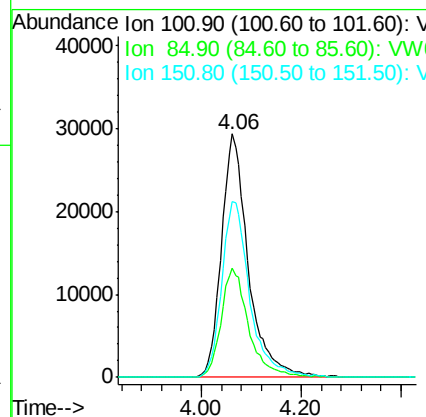
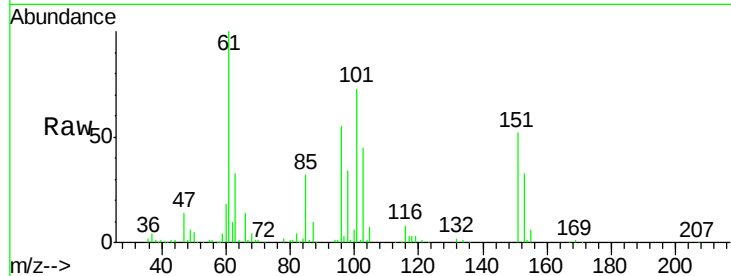
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	109835
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.6	54.8
151	75.2	60.2	90.2

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#10

Methyl Iodide

Concen: 57.148 ug/l

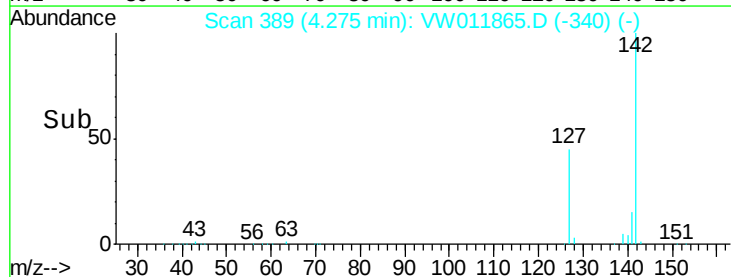
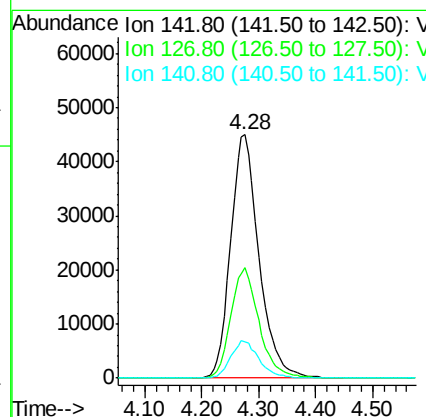
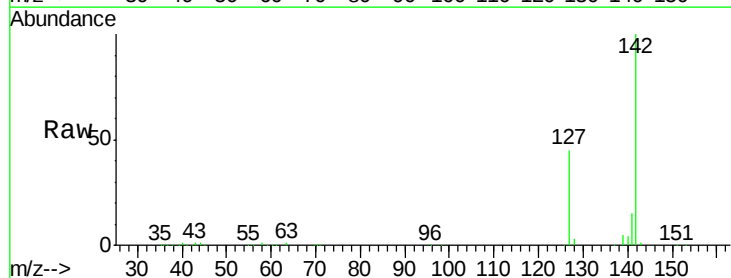
RT: 4.28 min Scan# 389

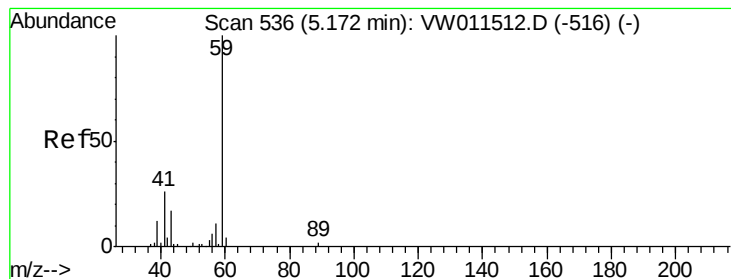
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	142	Resp:	156654
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.0	52.6
141	15.1	11.9	17.9





#11

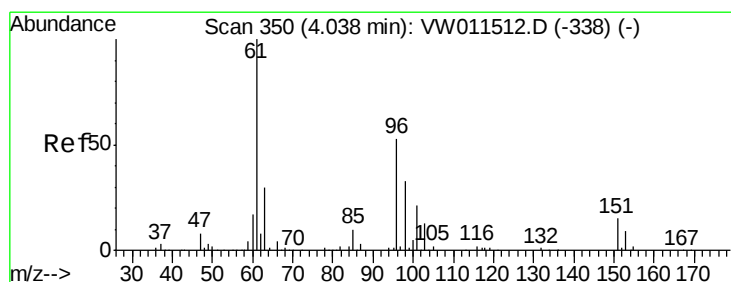
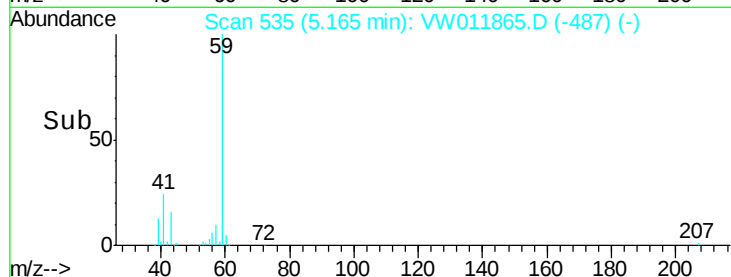
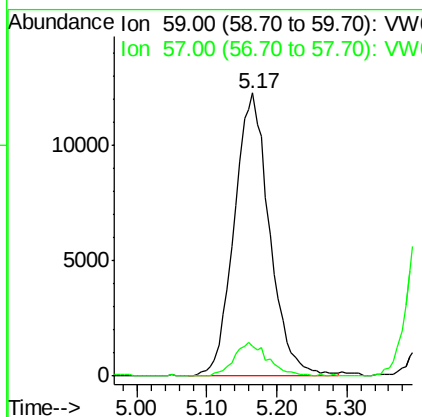
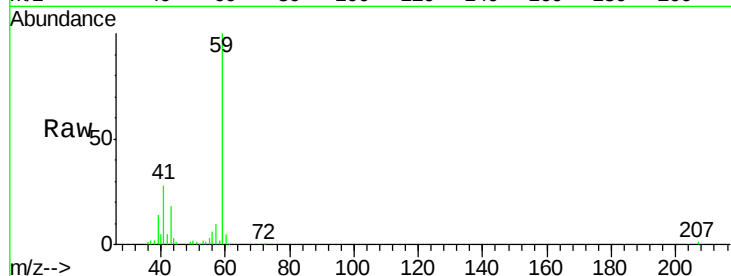
Tert butyl alcohol
 Concen: 259.257 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.5	12.7

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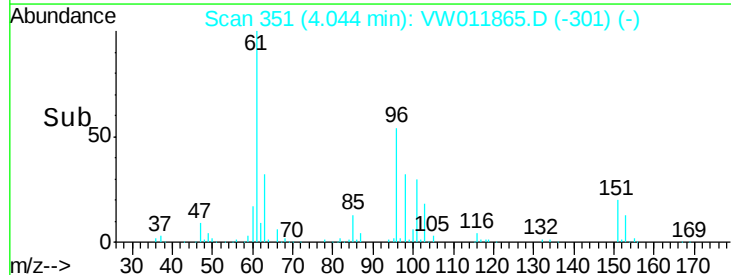
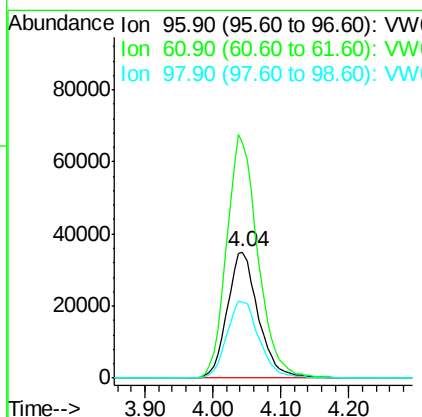
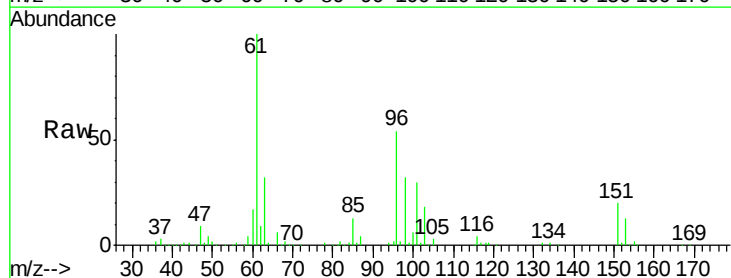
MMDadoda
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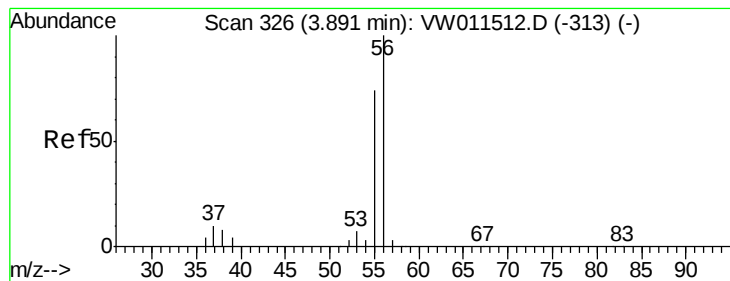


#12

1,1-Dichloroethene
 Concen: 53.930 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.3	149.9	224.9
98	60.4	49.1	73.7





#13

Acrolein

Concen: 185.339 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 30030

Ion Ratio Lower Upper

56 100

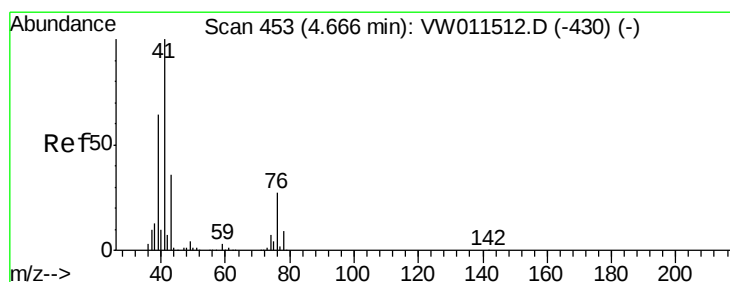
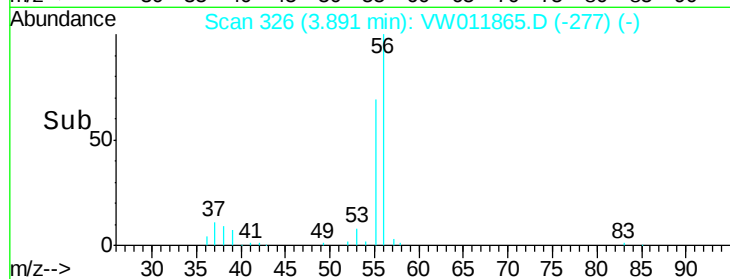
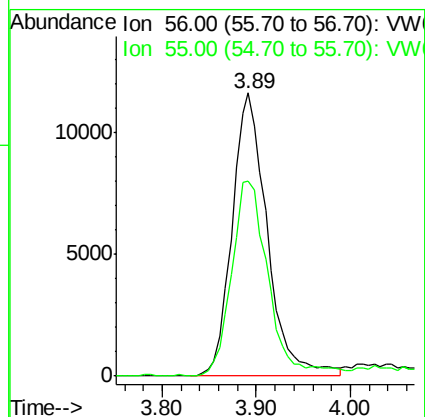
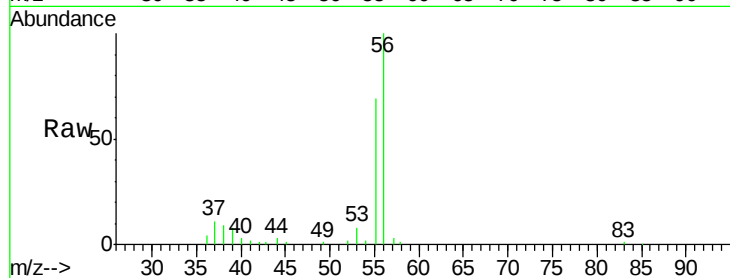
55 72.5 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 56.837 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

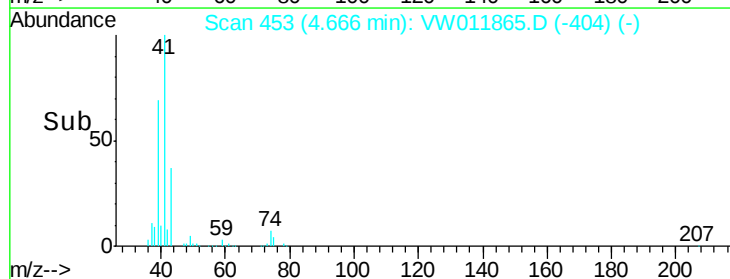
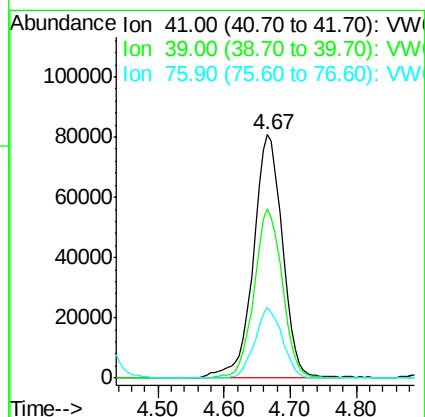
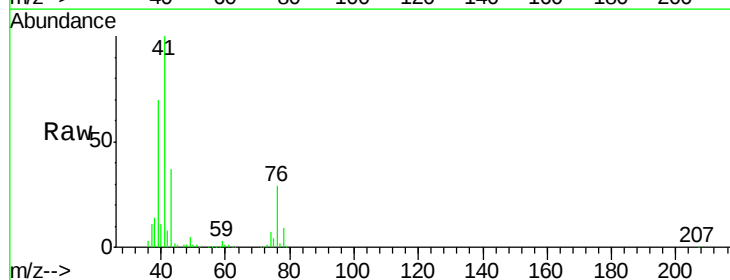
Tgt Ion: 41 Resp: 247583

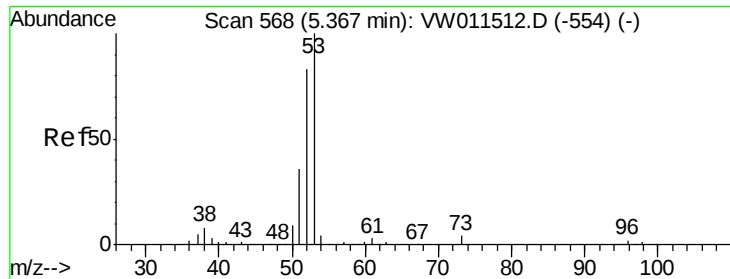
Ion Ratio Lower Upper

41 100

39 67.6 52.6 78.8

76 27.4 22.0 33.0





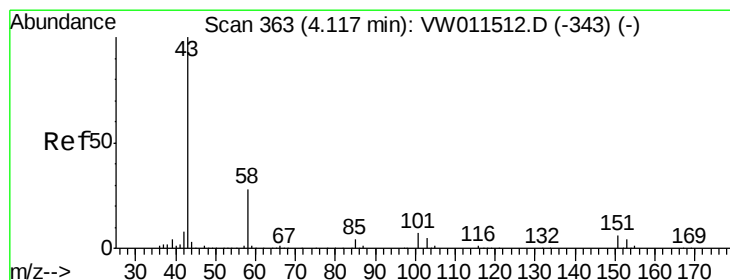
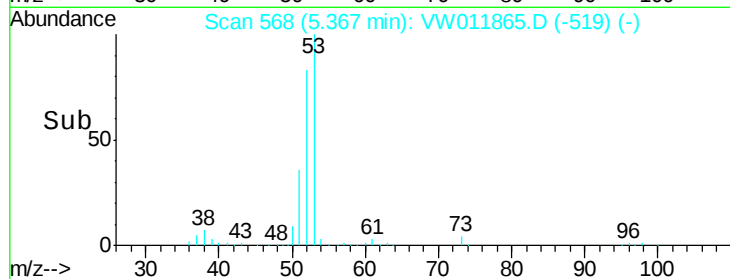
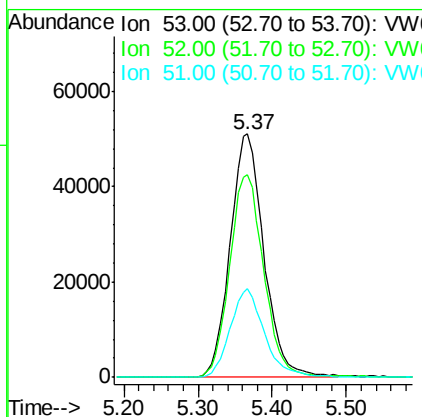
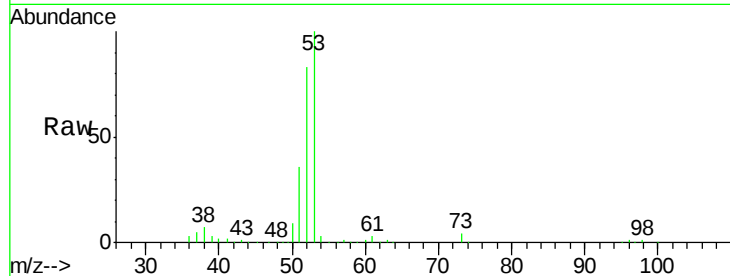
#15
 Acrylonitrile
 Concen: 280.572 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	162379
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.2	100.8
51	37.1	30.0	45.0

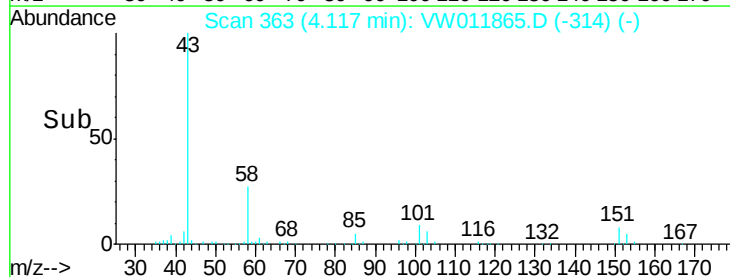
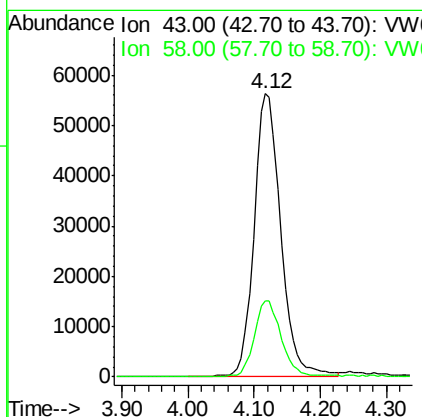
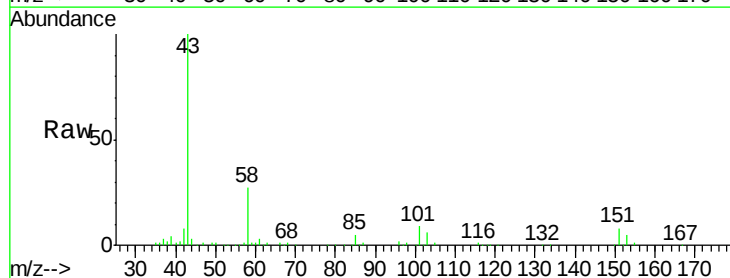
Manual Integrations
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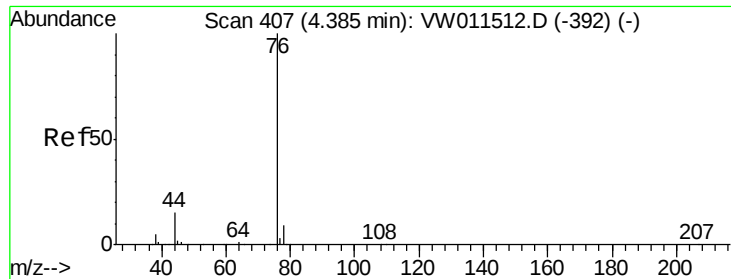
MMDadoda
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#16
 Acetone
 Concen: 221.046 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion:	43	Resp:	158778
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5





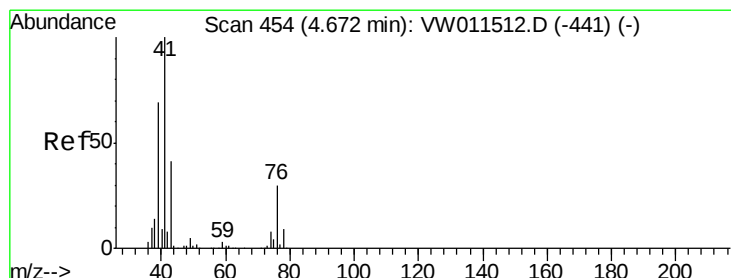
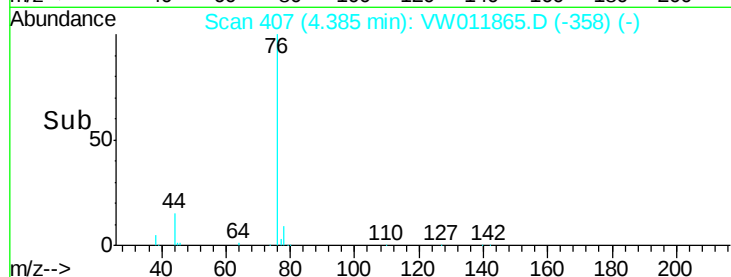
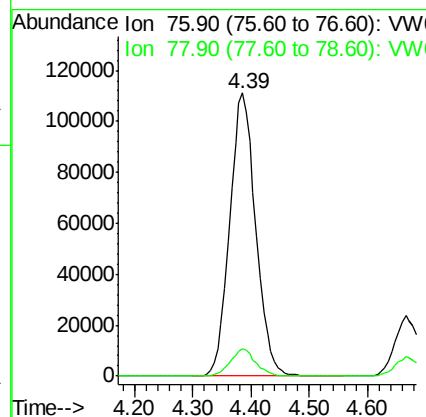
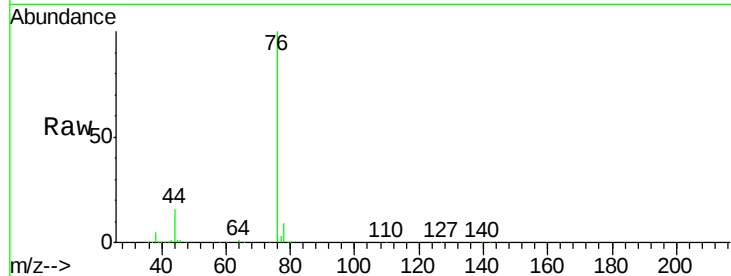
#17
Carbon Disulfide
Concen: 53.648 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

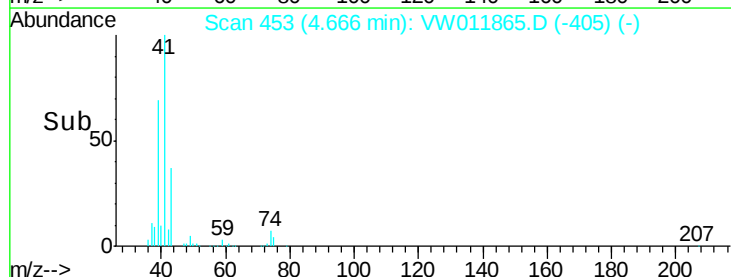
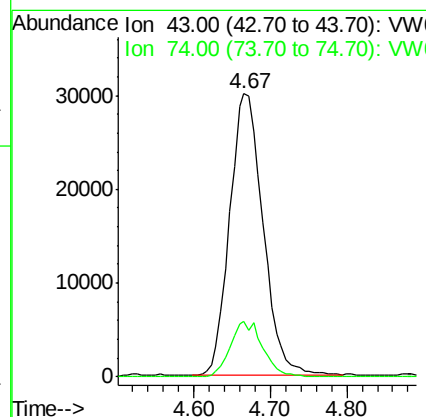
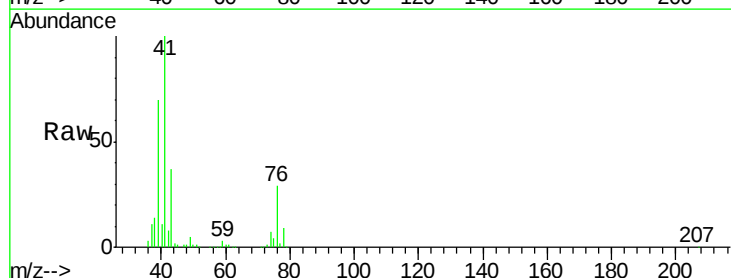
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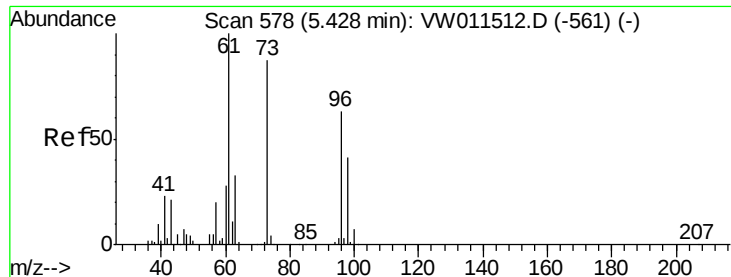
MMDadoda
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#18
Methyl Acetate
Concen: 56.268 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	15.9	23.9





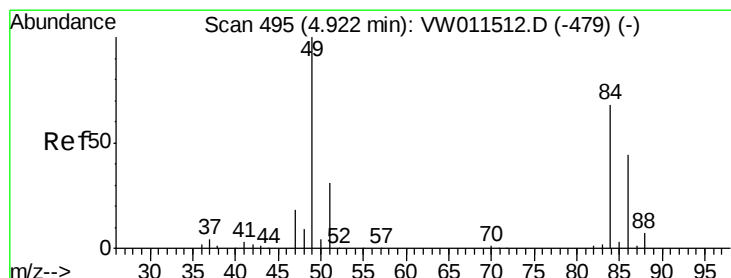
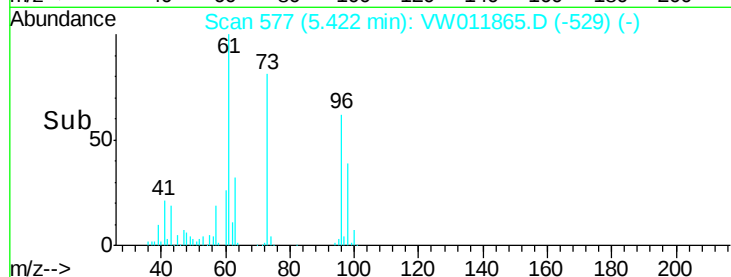
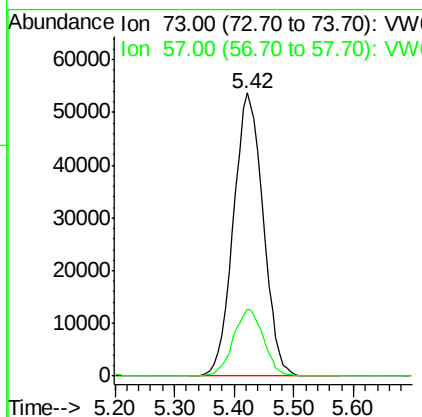
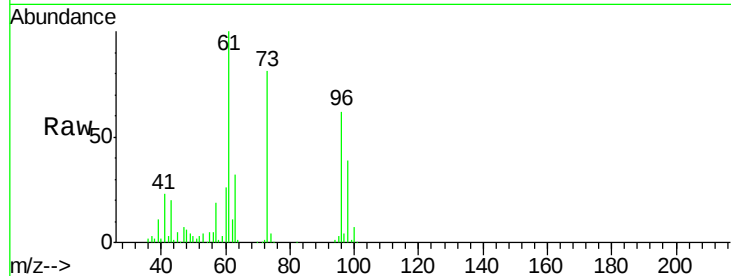
#19
Methvl tert-butvl Ether
Concen: 57.222 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 185973
Ion Ratio Lower Upper
73 100
57 23.8 18.4 27.6

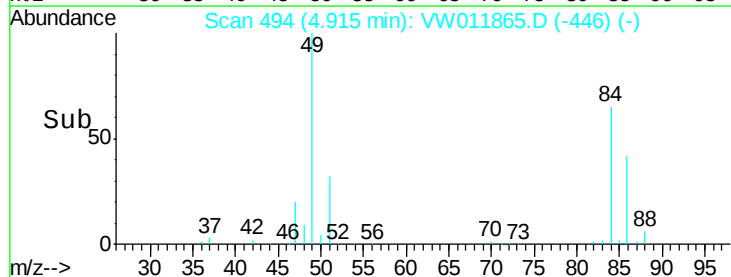
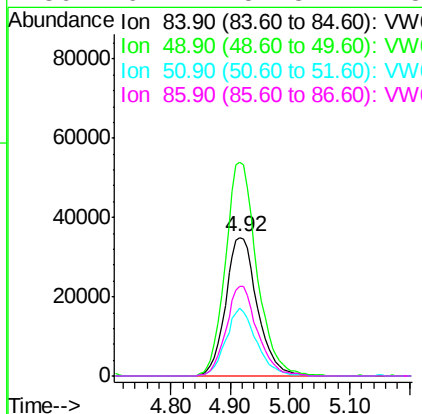
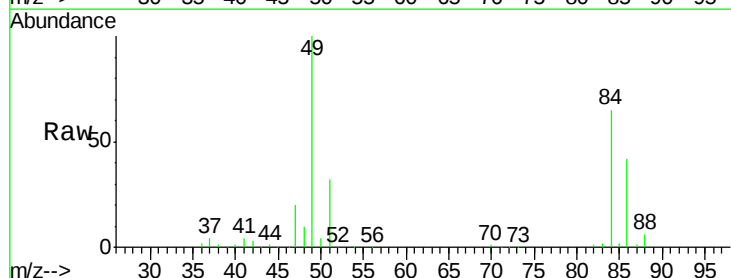
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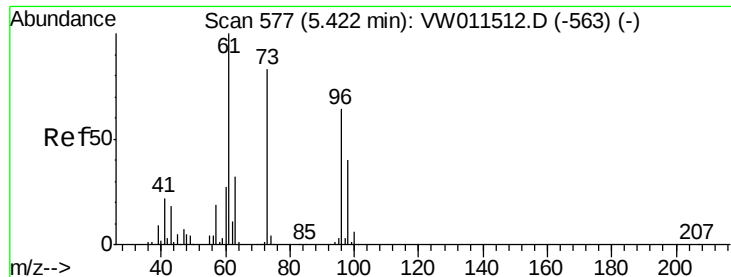
MMDadoda
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#20
Methylene Chloride
Concen: 52.332 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 84 Resp: 129642
Ion Ratio Lower Upper
84 100
49 154.0 117.8 176.6
51 49.1 37.0 55.4
86 64.7 51.8 77.8





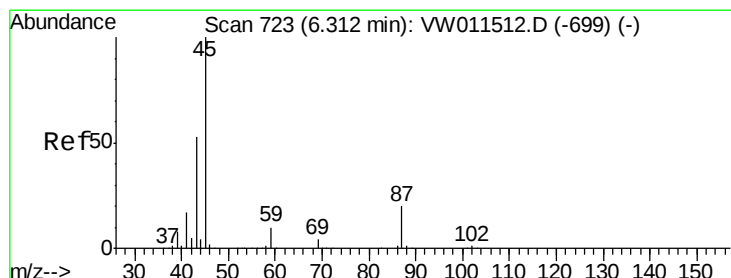
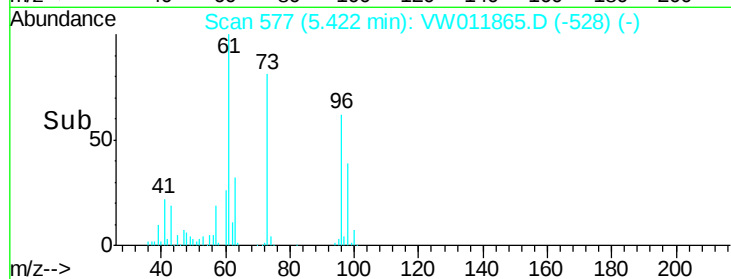
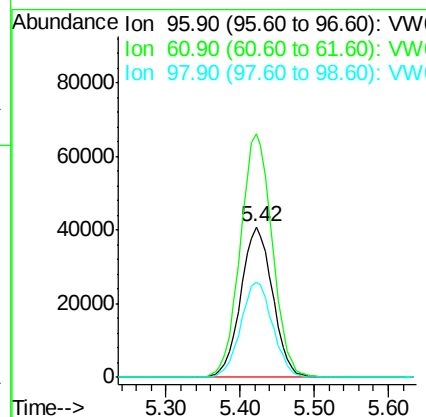
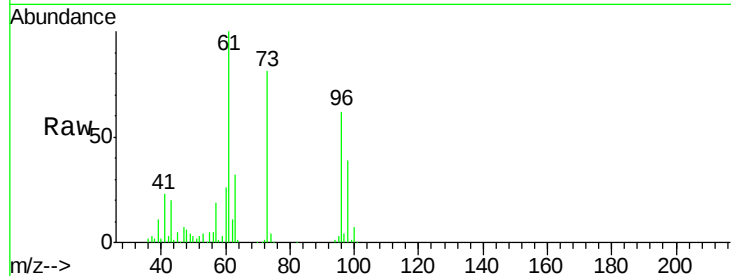
#21
trans-1,2-Dichloroethene
Concen: 55.317 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.9	125.7	188.5
98	63.2	50.3	75.5

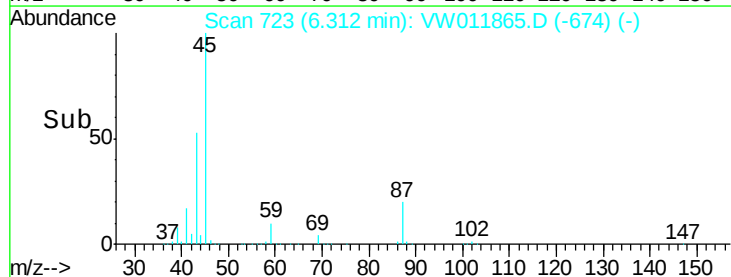
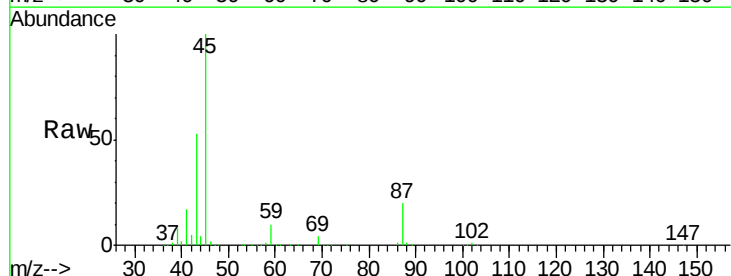
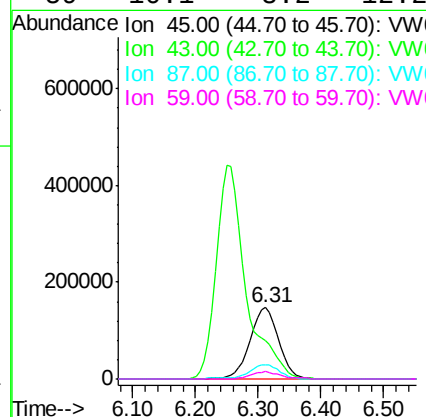
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#22
Diisopropyl ether
Concen: 56.883 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	52.8	42.6	63.8
87	20.3	16.4	24.6
59	10.1	8.2	12.2





#23

Vinyl Acetate

Concen: 280.699 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1448542

Ion Ratio Lower Upper

43 100

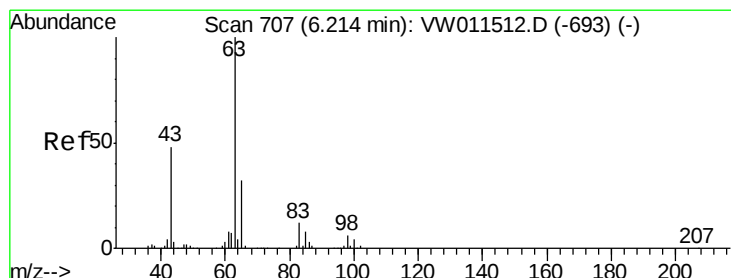
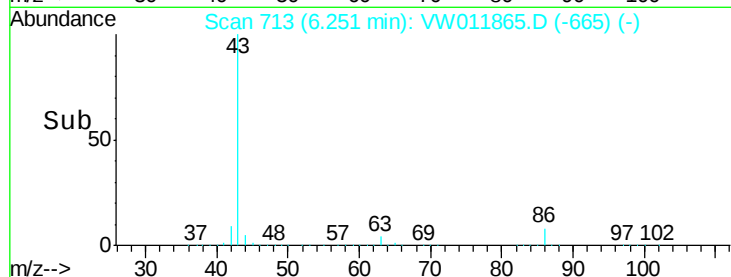
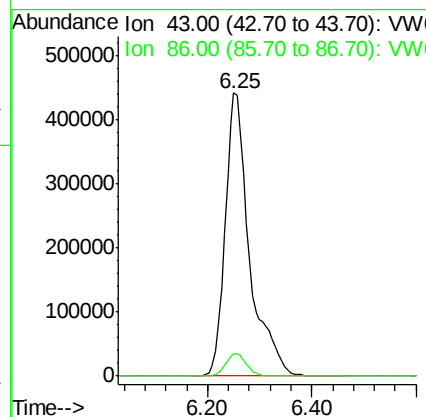
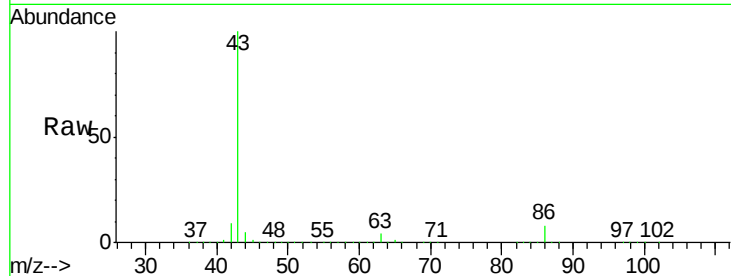
86 7.7 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.946 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

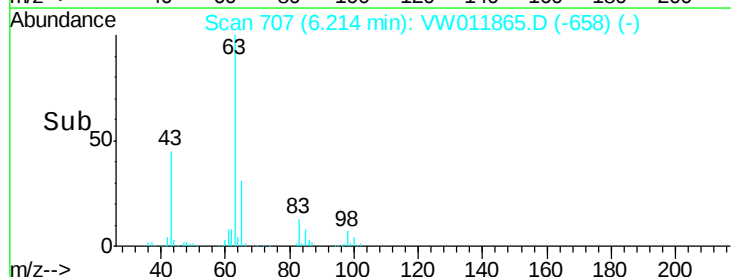
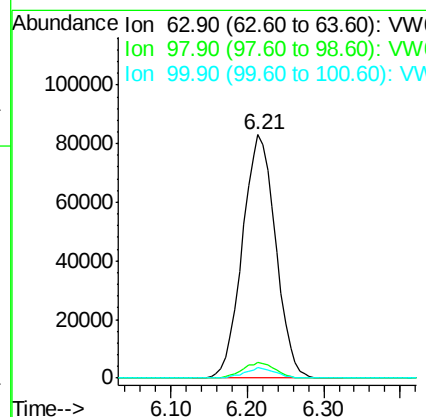
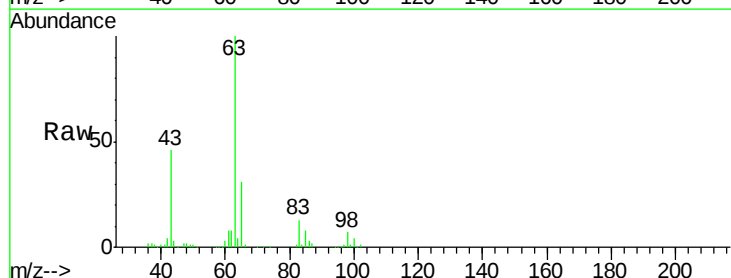
Tgt Ion: 63 Resp: 250476

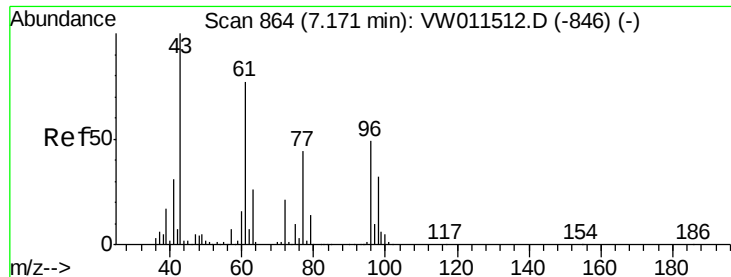
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 245.243 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 230509

Ion Ratio Lower Upper

43 100

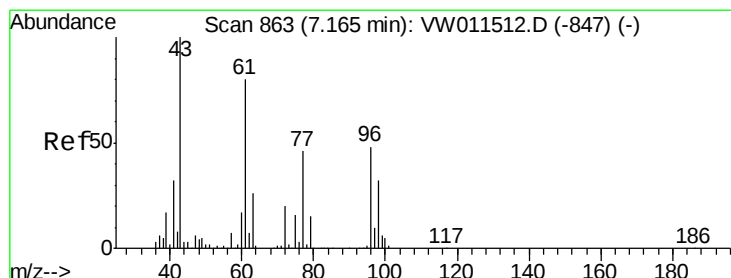
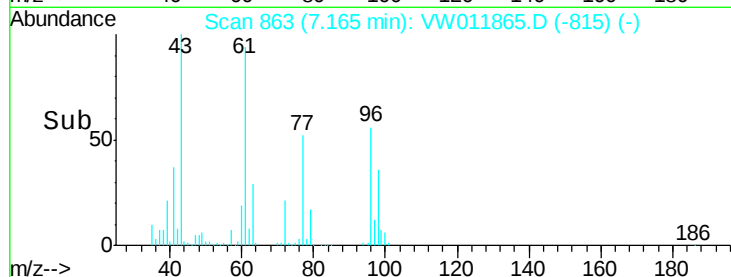
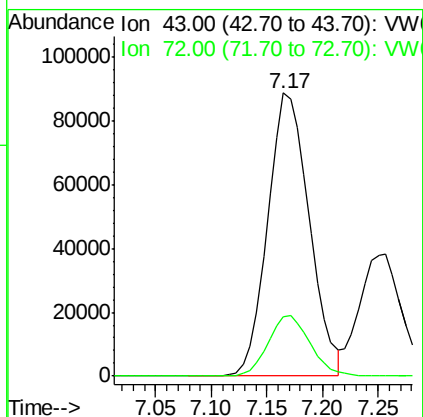
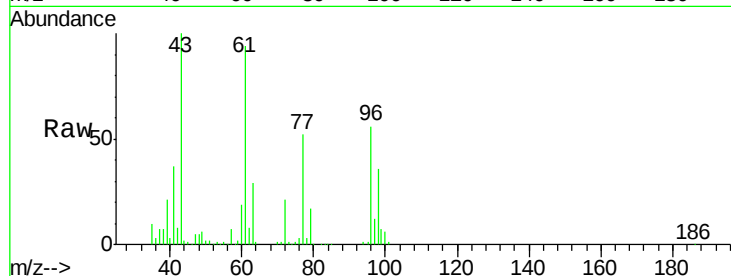
72 20.8 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.581 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011865.D

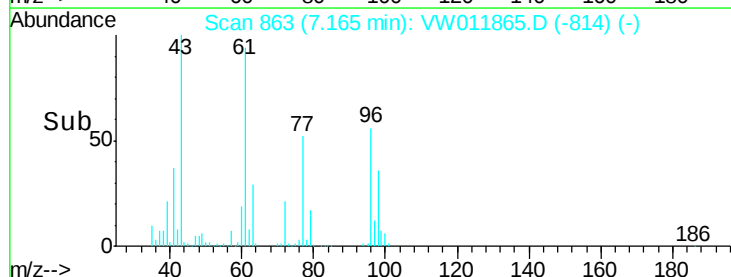
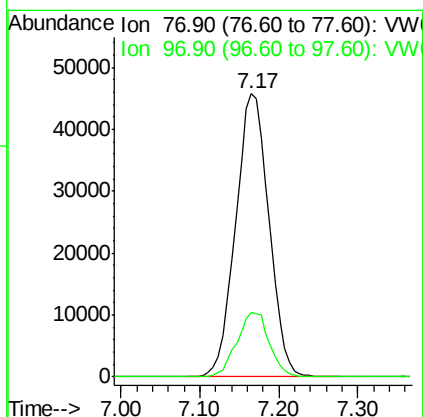
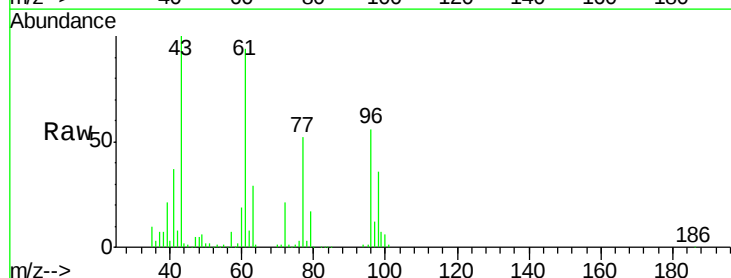
Acq: 12 Aug 2019 21:43

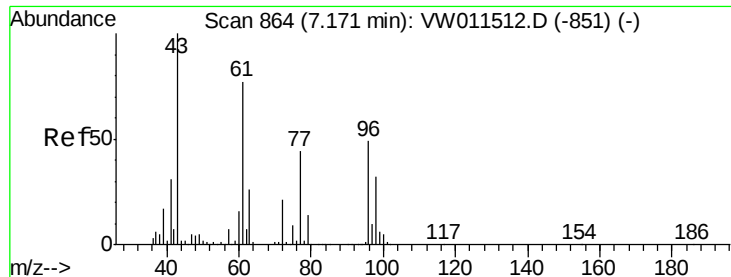
Tgt Ion: 77 Resp: 134117

Ion Ratio Lower Upper

77 100

97 22.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 54.706 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

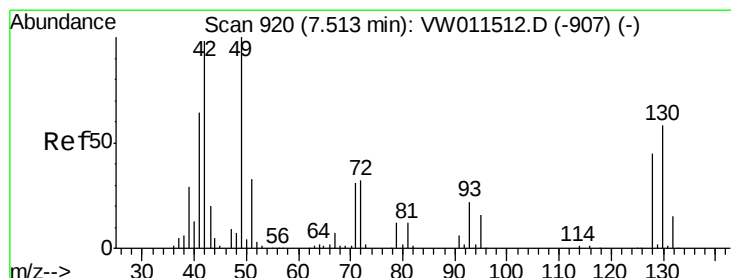
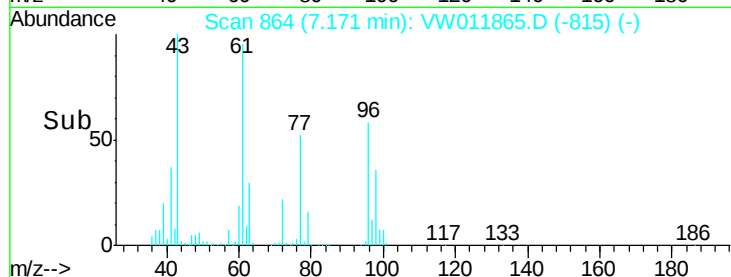
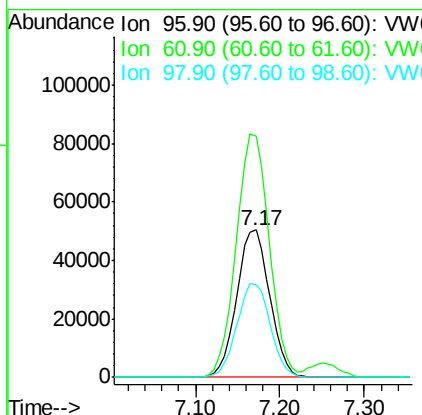
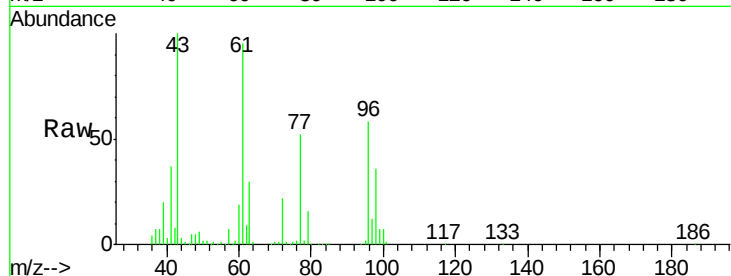
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	132943
Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	328.4
98	64.5	0.0	128.8

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#28

Bromochloromethane

Concen: 55.691 ug/l

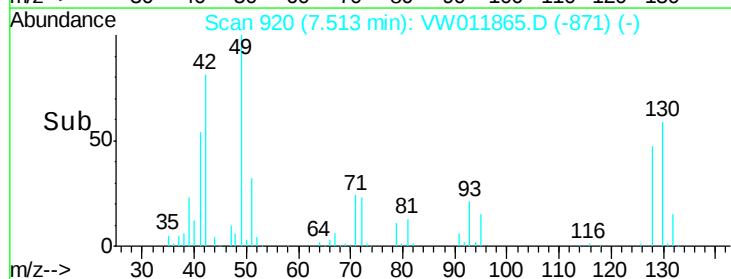
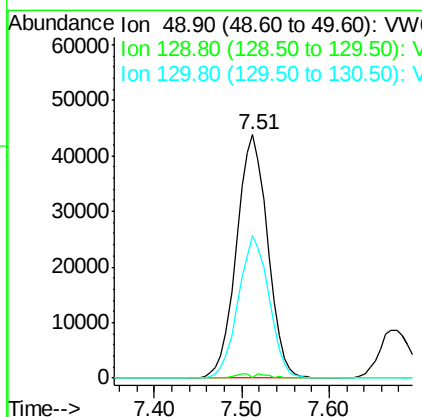
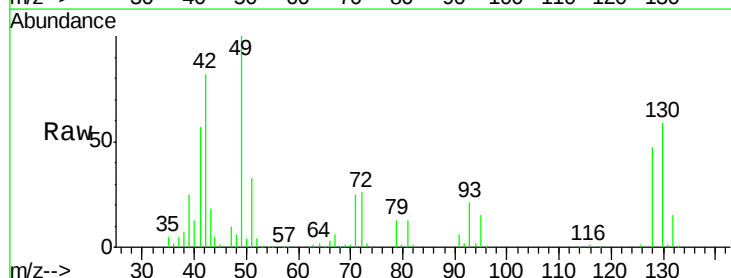
RT: 7.51 min Scan# 920

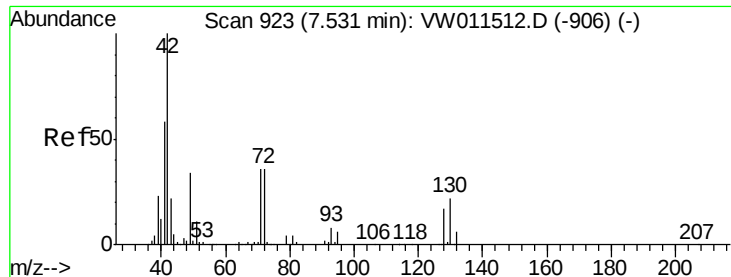
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	49	Resp:	108726
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	57.5	46.3	69.5





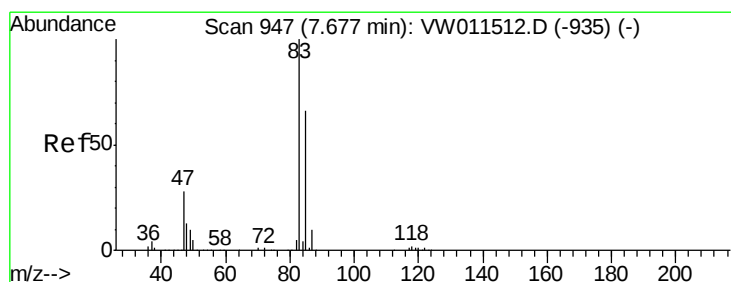
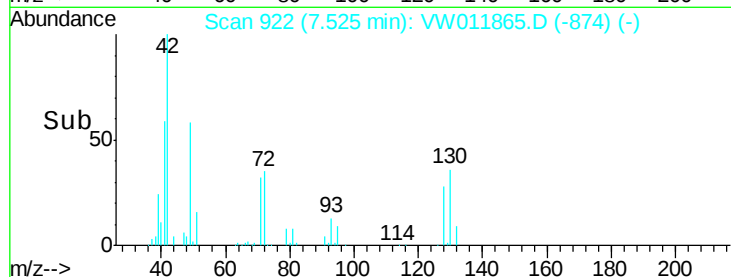
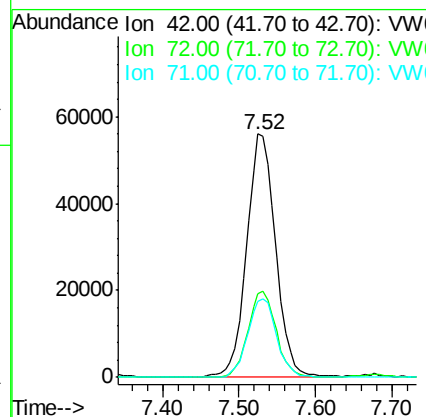
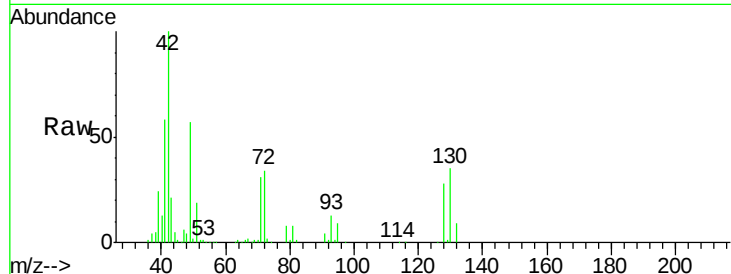
#29
Tetrahydrofuran
Concen: 273.194 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.1	40.7
71	32.6	26.2	39.4

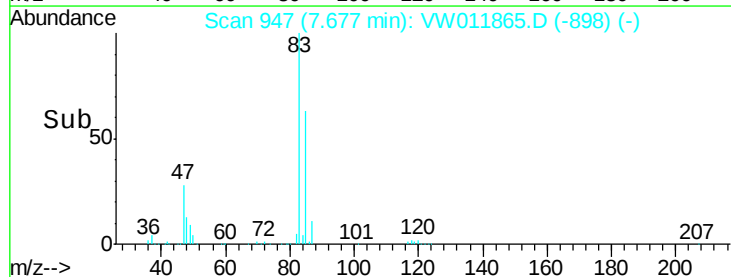
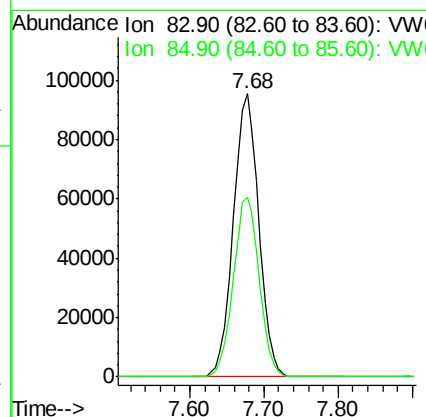
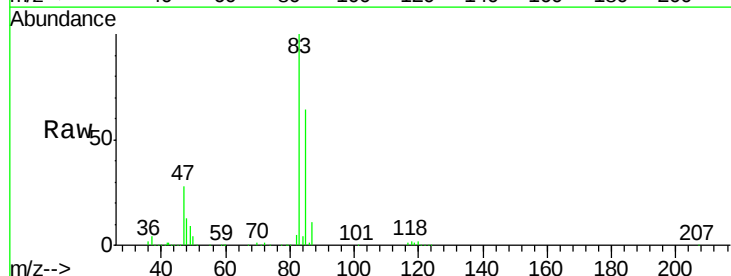
Manual Integrations
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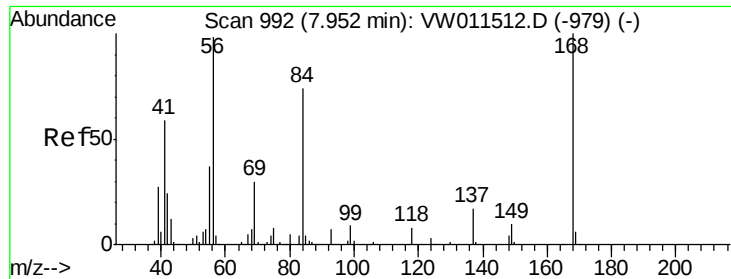
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#30
Chloroform
Concen: 56.170 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.5	78.7





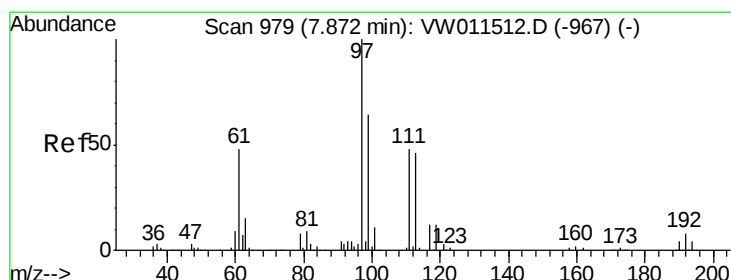
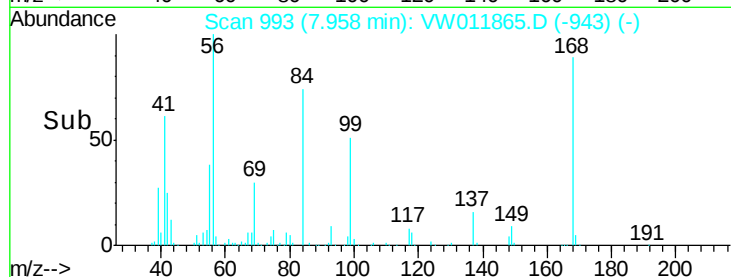
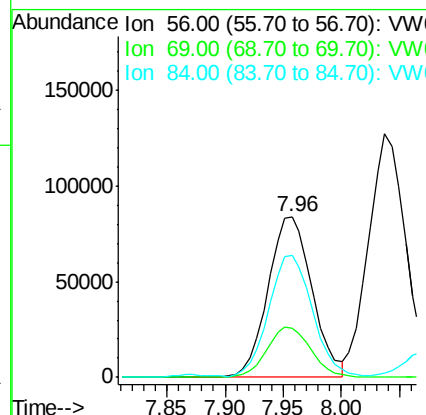
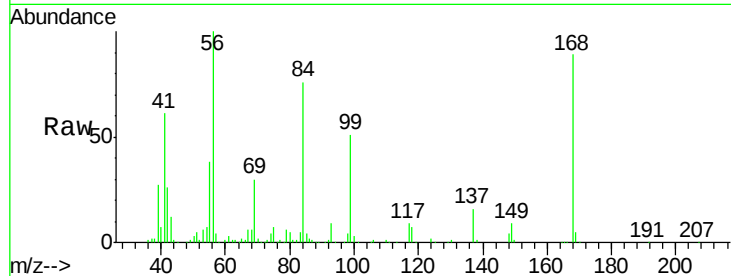
#31
Cyclohexane
Concen: 52.307 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.3	36.5
84	74.2	60.4	90.6

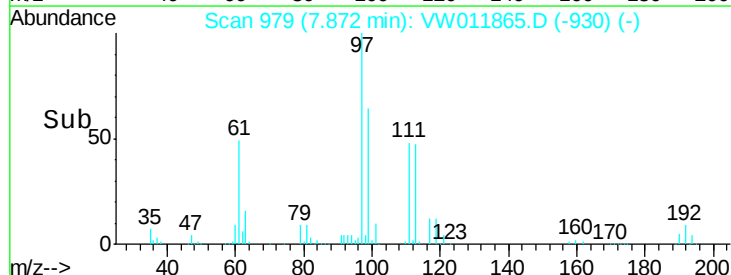
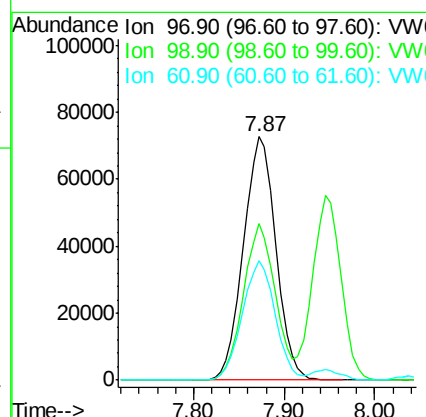
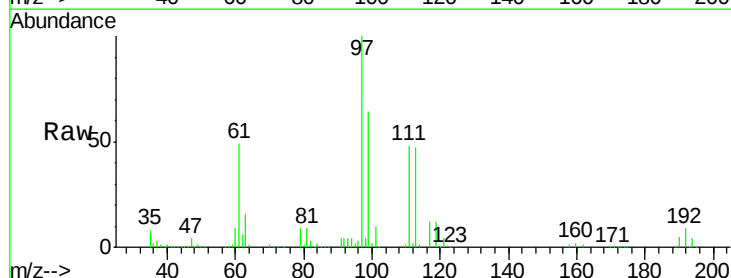
Manual Integrations
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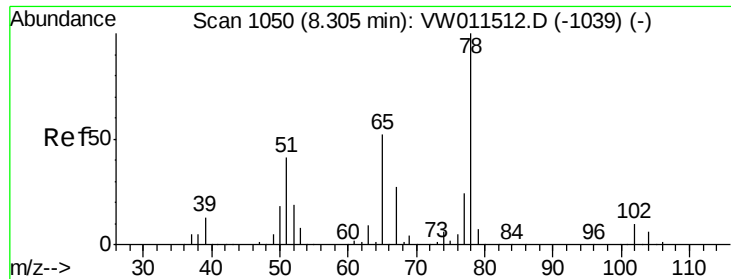
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#32
1,1,1-Trichloroethane
Concen: 58.307 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.0	76.6
61	49.5	39.8	59.6





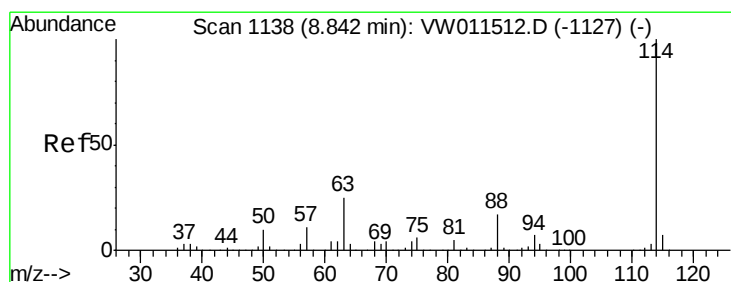
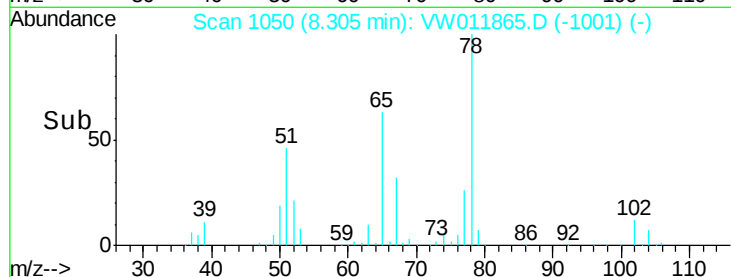
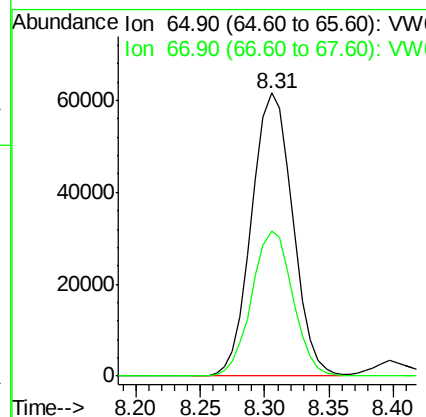
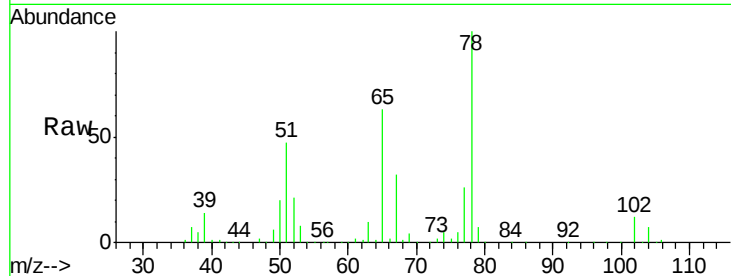
#33
 1,2-Dichloroethane-d4
 Concen: 60.369 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136320		
67	51.3	0.0	105.2	

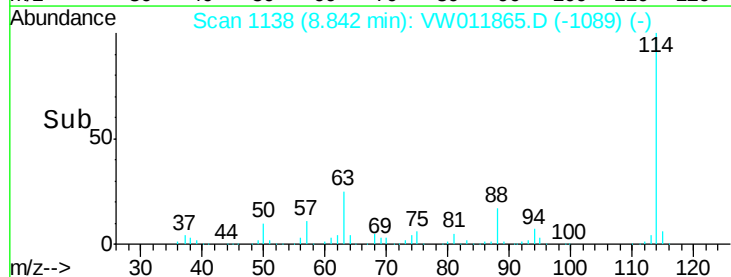
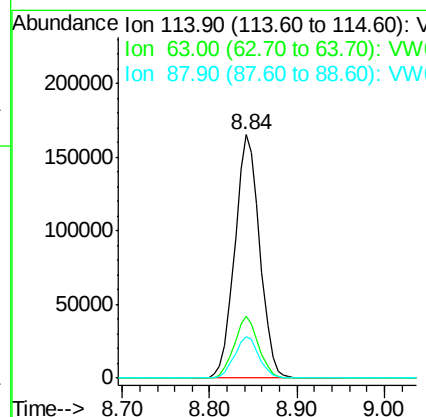
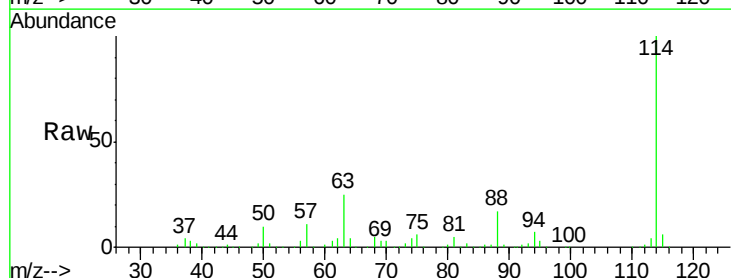
Manual Integrations
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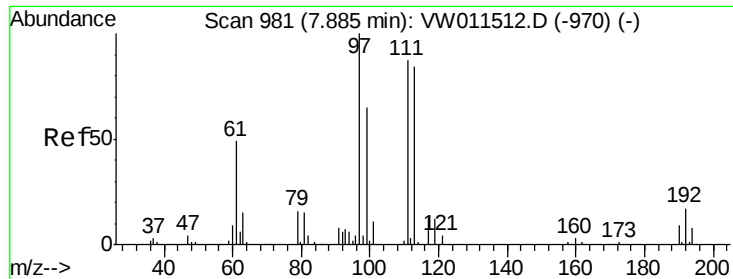
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	326674		
63	25.3	0.0	49.2	
88	17.0	0.0	33.8	





#35

Dibromofluoromethane

Concen: 59.091 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

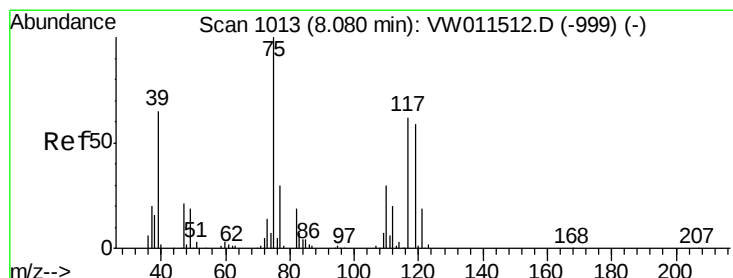
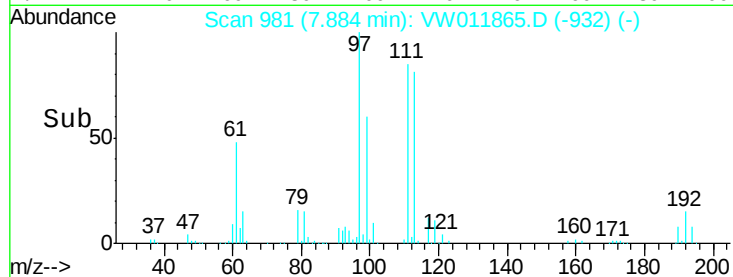
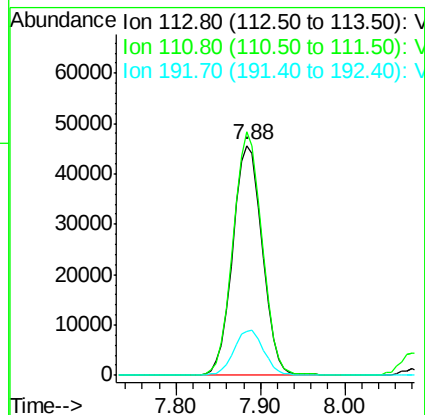
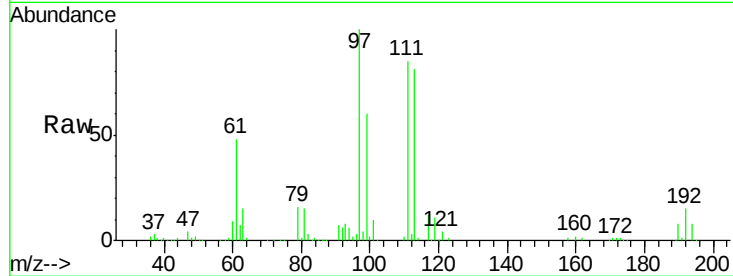
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	108296
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.7	124.1
192	19.8	16.1	24.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 54.649 ug/l

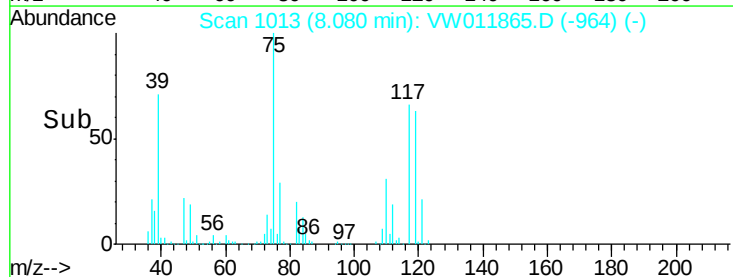
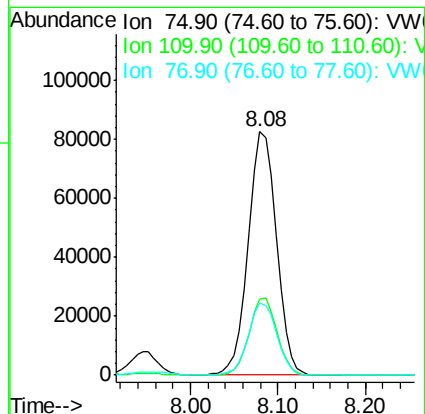
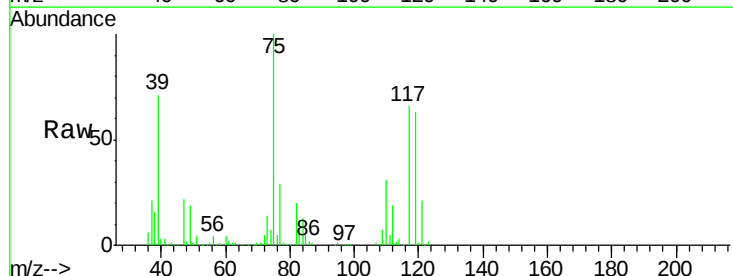
RT: 8.08 min Scan# 1013

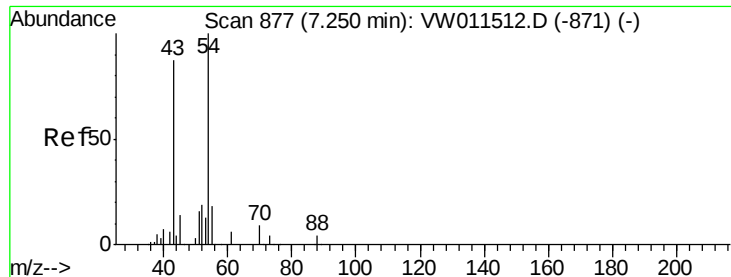
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	75	Resp:	185633
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.6	46.8
77	30.2	24.3	36.5





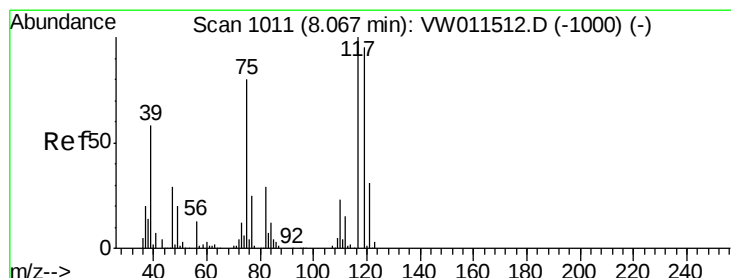
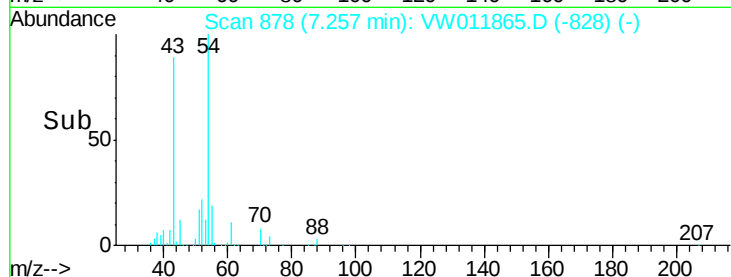
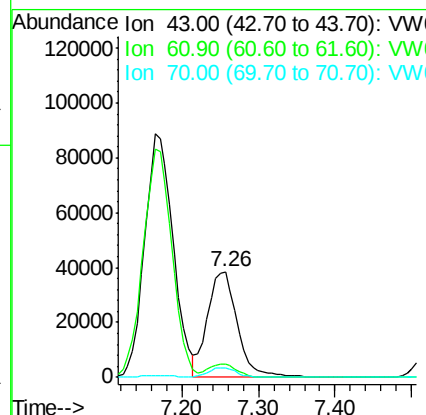
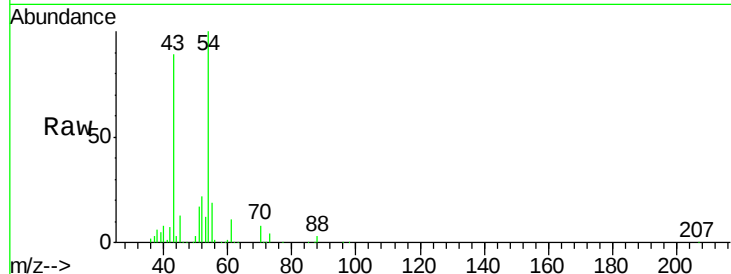
#37
Ethyl Acetate
Concen: 53.136 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	12.3	8.8	13.2	
70	8.9	7.1	10.7	

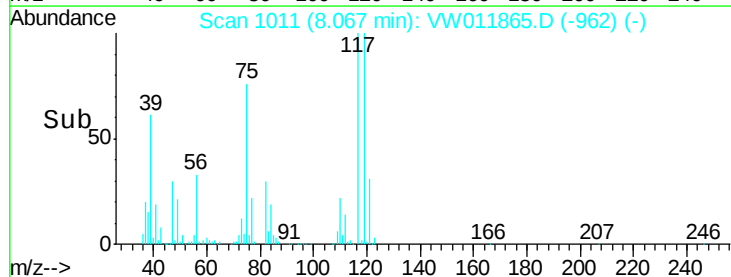
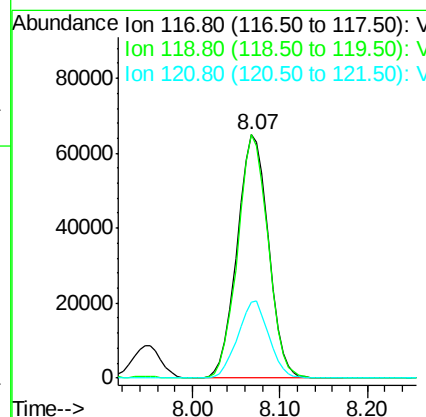
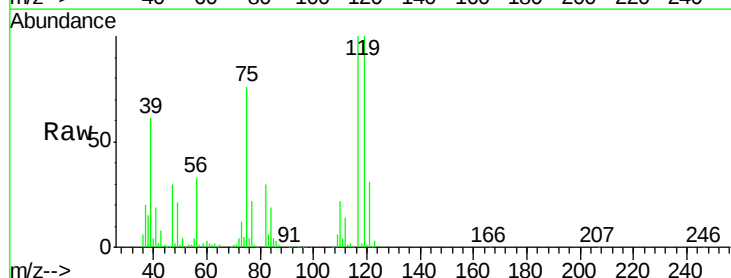
Manual Integrations
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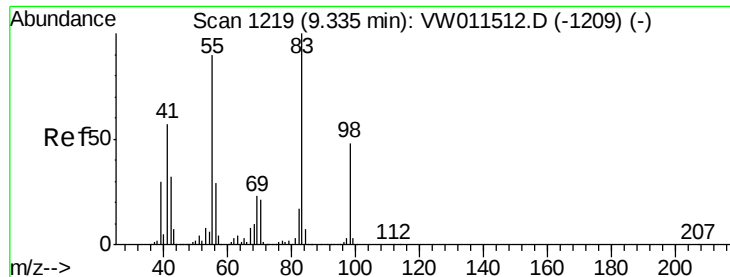
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#38
Carbon Tetrachloride
Concen: 55.620 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	75.8	113.6	
121	31.3	24.7	37.1	





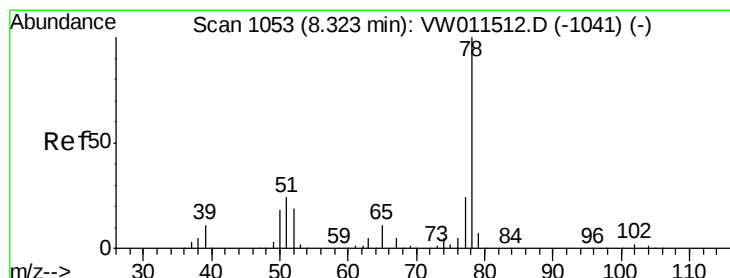
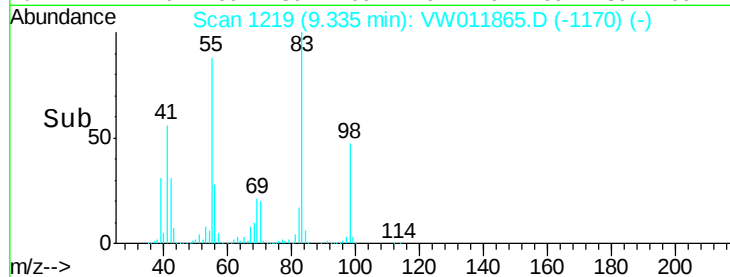
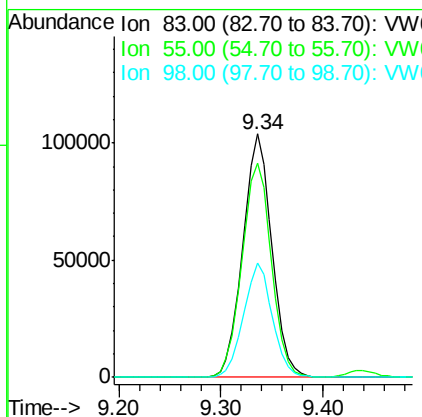
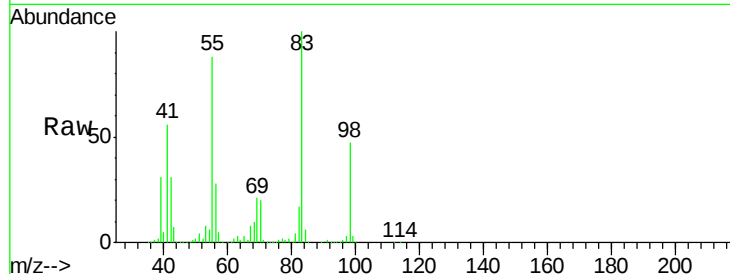
#39
Methvlcvclohexane
Concen: 54.992 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205686		
55	87.9		72.1	108.1
98	47.0		38.6	57.8

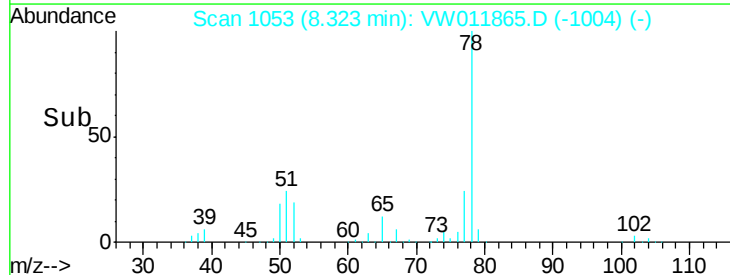
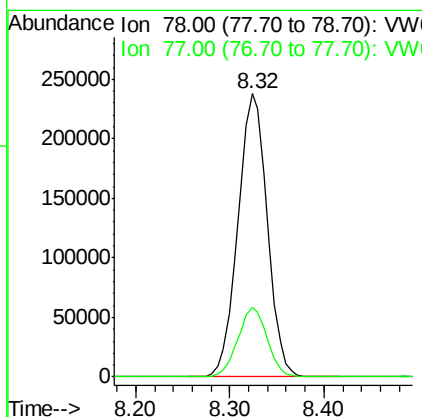
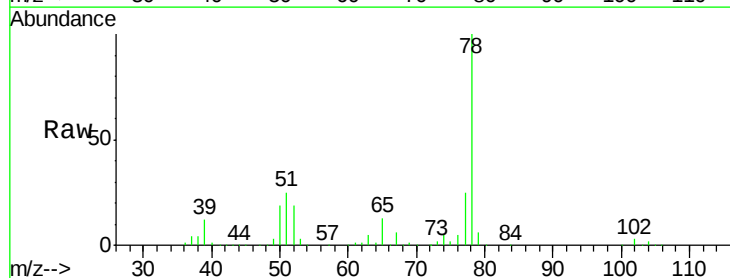
Manual Integrations
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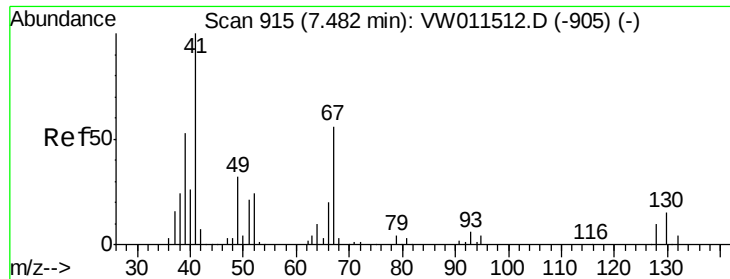
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#40
Benzene
Concen: 54.319 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	516825		
77	24.6		19.4	29.0





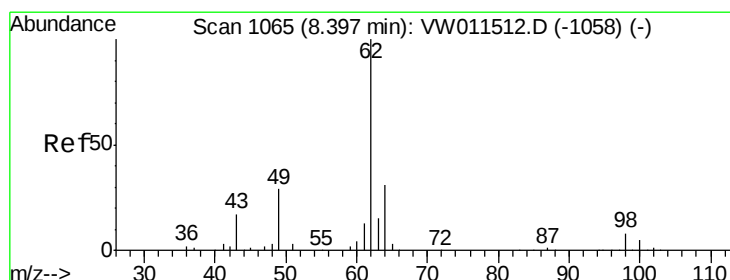
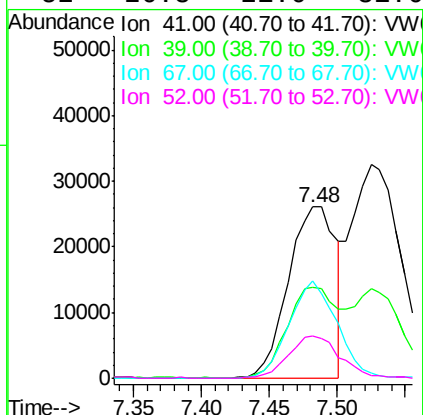
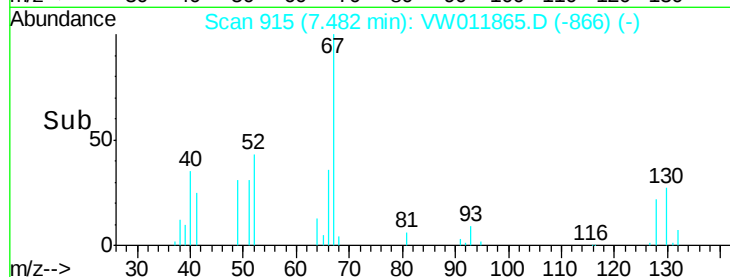
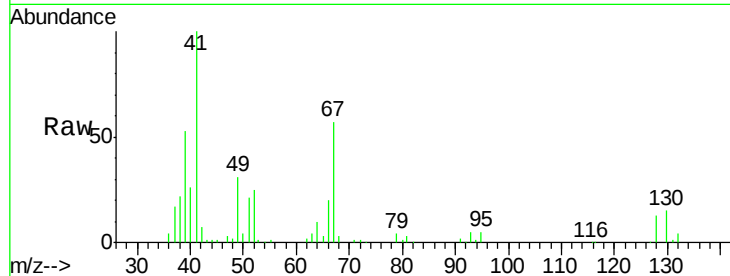
#41
Methacrylonitrile
Concen: 54.095 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.0	64.4
67	58.2	47.5	71.3
52	26.8	21.0	31.6

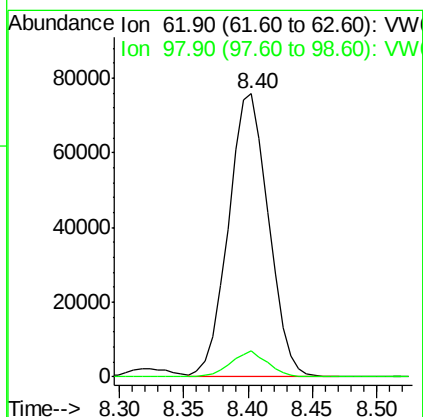
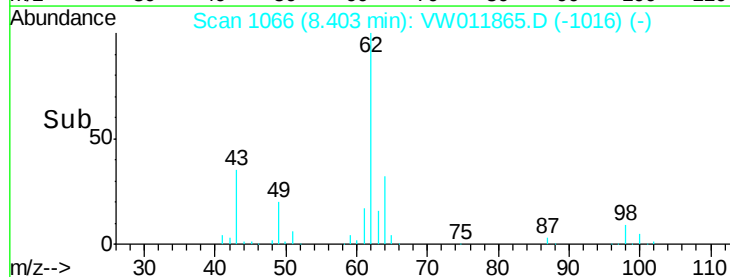
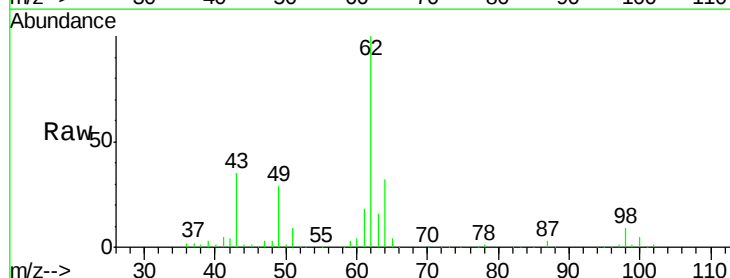
Manual Integrations
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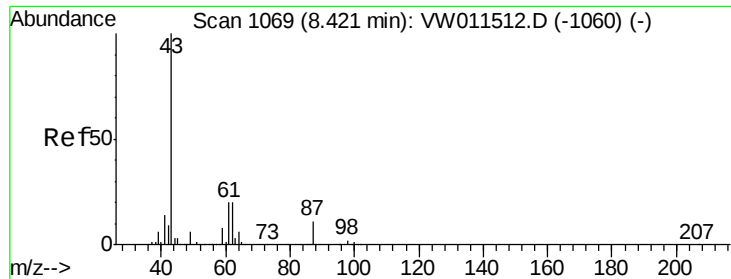
MMDadoda
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#42
1,2-Dichloroethane
Concen: 55.007 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 54.217 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

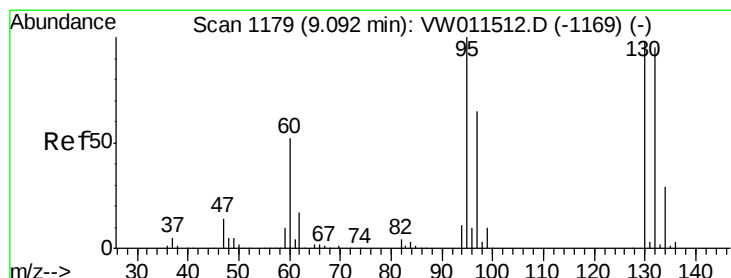
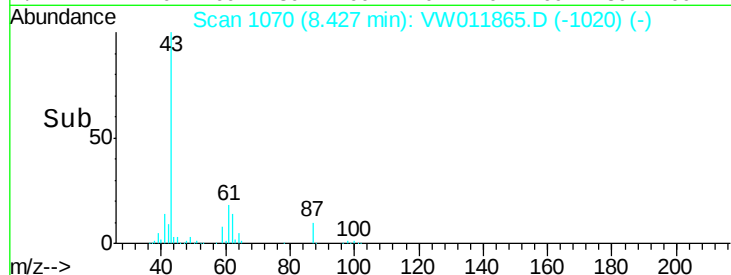
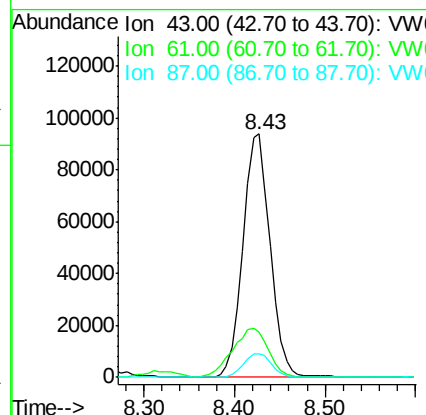
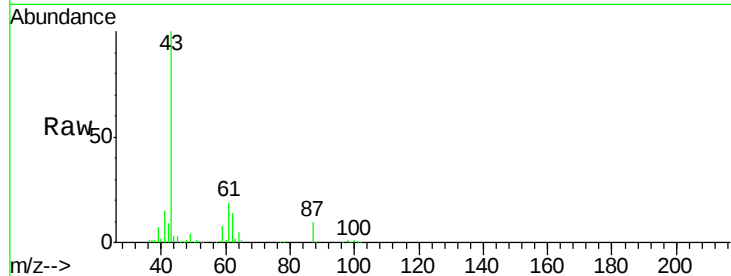
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	194858
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.5	32.3
87	10.2	8.4	12.6

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#44

Trichloroethene

Concen: 53.794 ug/l

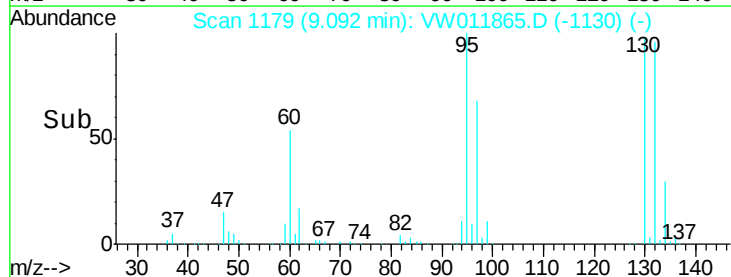
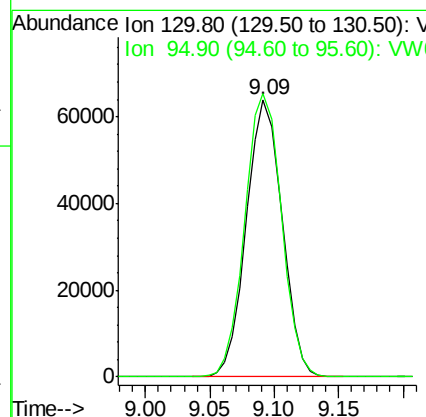
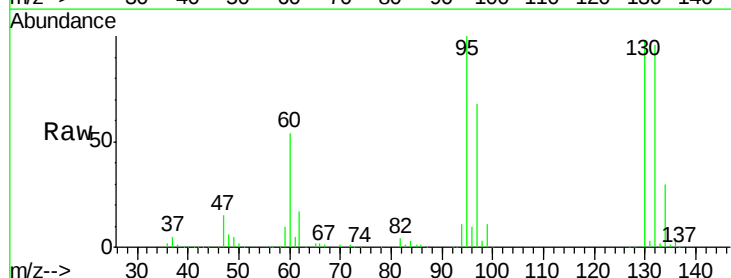
RT: 9.09 min Scan# 1179

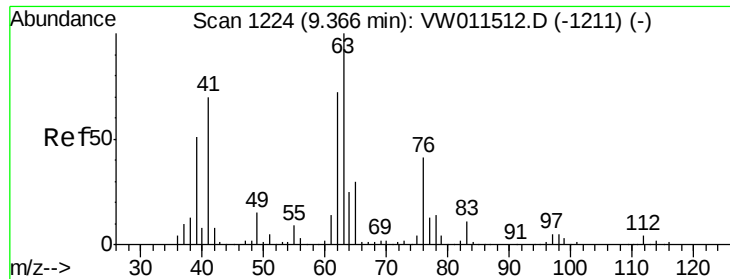
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion	130	Resp	123018
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	204.8





#45

1,2-Dichloropropane

Concen: 55.794 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 142042

Ion Ratio Lower Upper

63 100

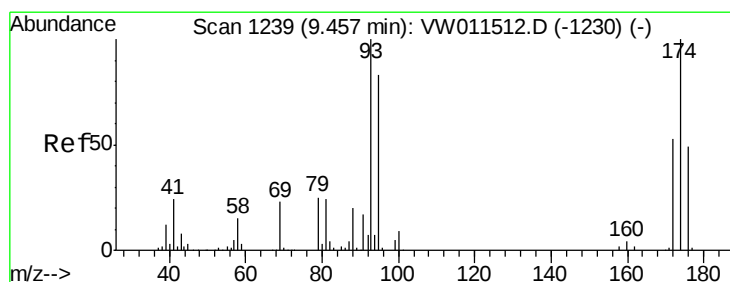
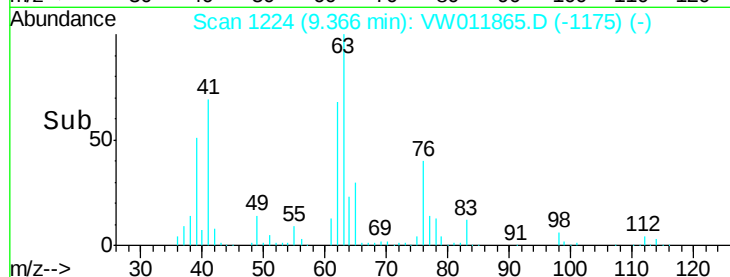
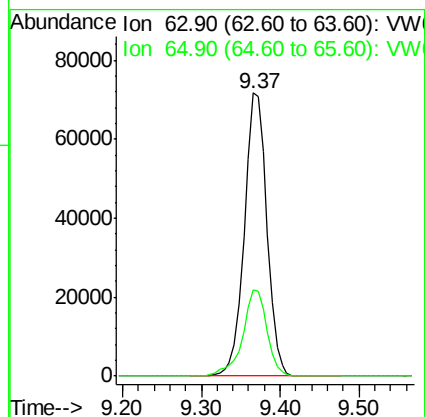
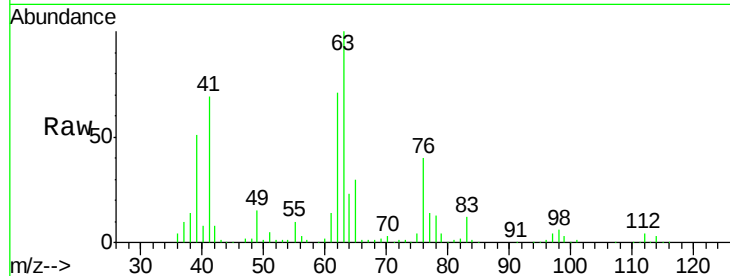
65 30.5 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 54.631 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

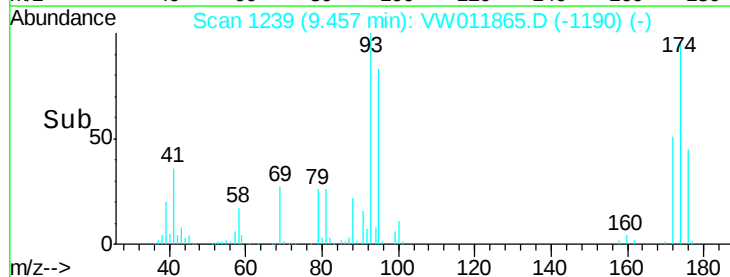
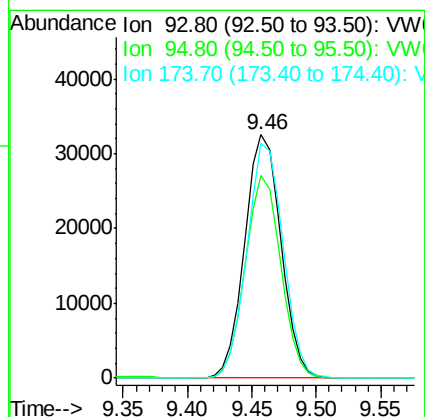
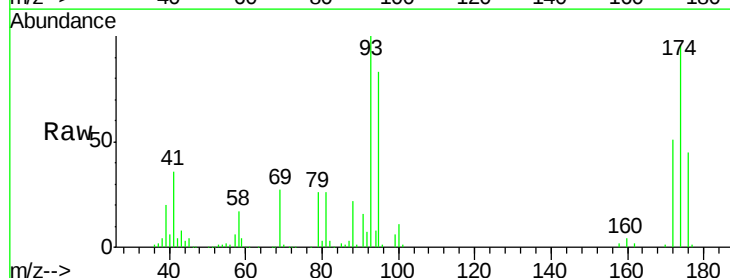
Tgt Ion: 93 Resp: 63479

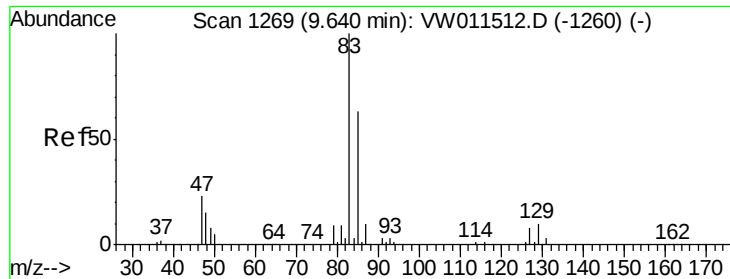
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.2

174 96.2 78.2 117.4





#47

Bromodichloromethane

Concen: 56.223 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

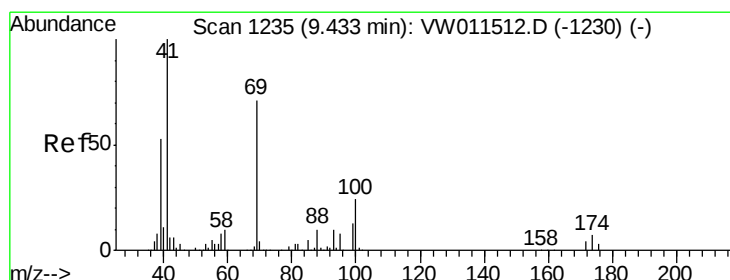
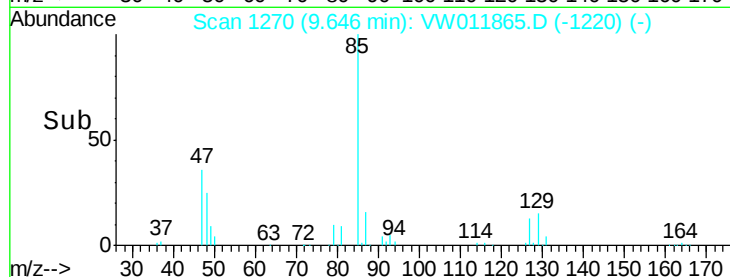
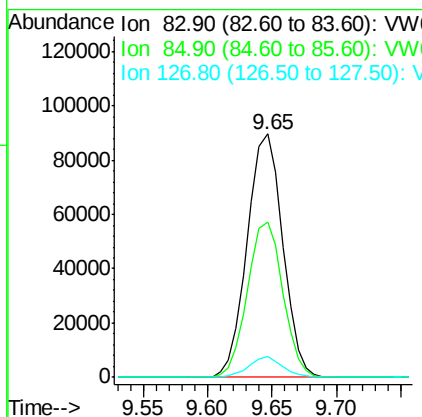
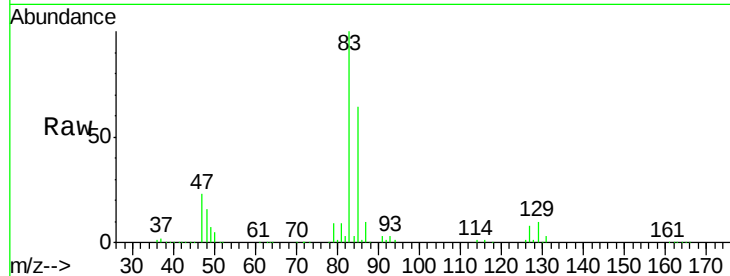
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	171364
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.5	75.7
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.312 ug/l

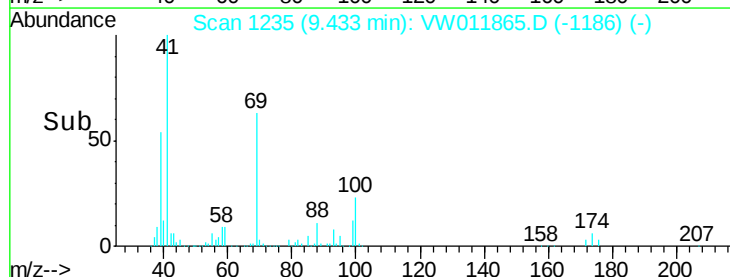
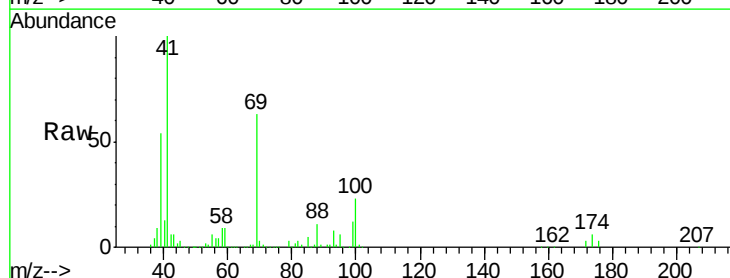
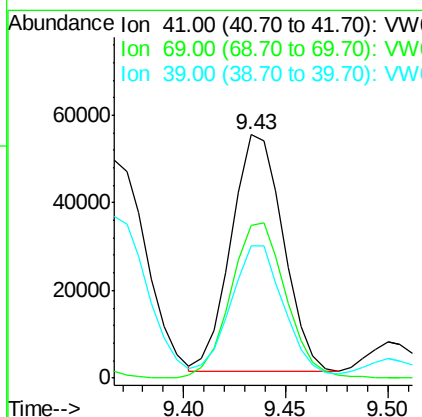
RT: 9.43 min Scan# 1235

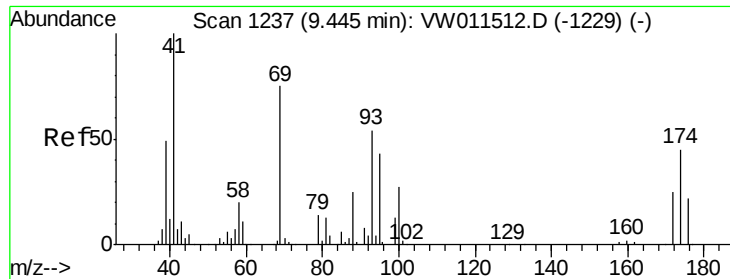
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	41	Resp:	95493
Ion Ratio	Lower	Upper	
41	100		
69	69.4	57.1	85.7
39	58.2	45.4	68.2





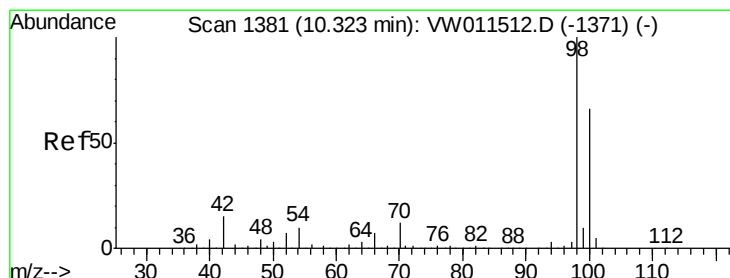
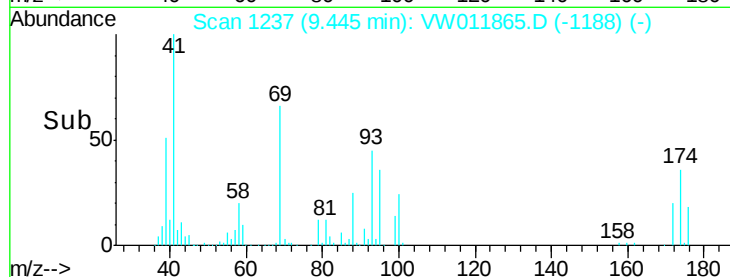
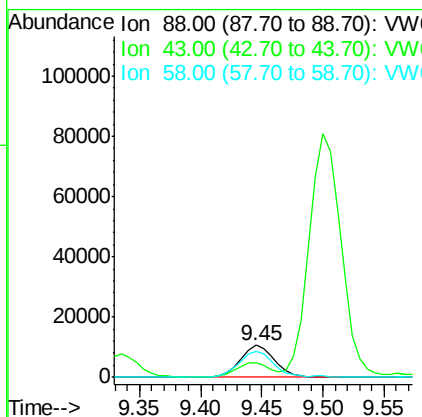
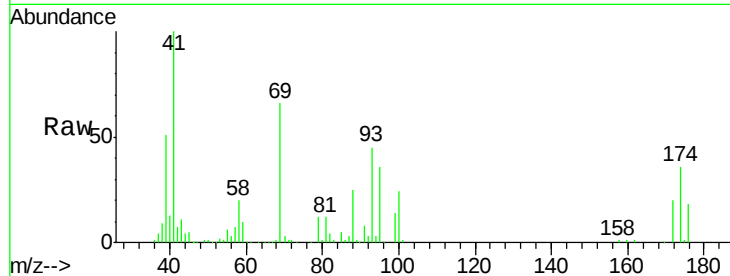
#49
1,4-Dioxane
Concen: 1234.104 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	20763
Ion	Ratio	Lower	Upper
88	100		
43	43.2	34.0	51.0
58	82.4	69.7	104.5

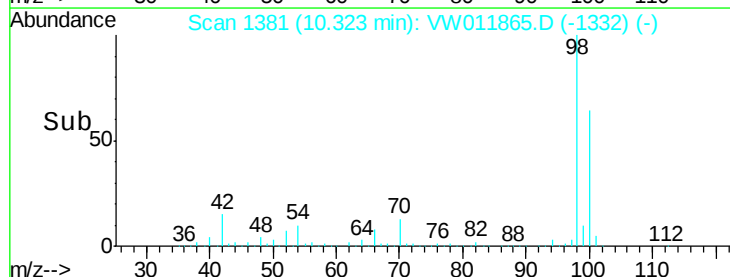
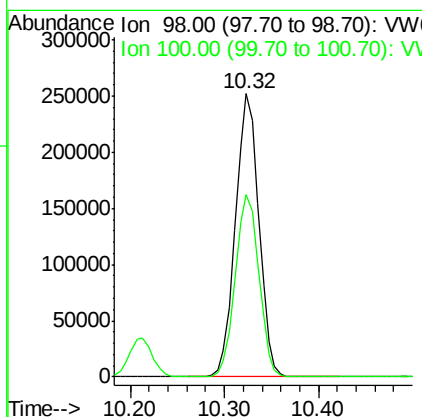
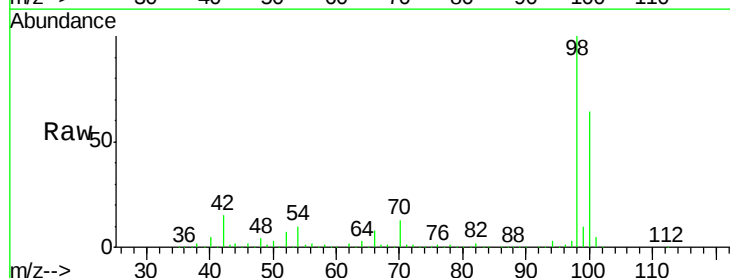
Manual Integrations
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#50
Toluene-d8
Concen: 57.994 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	98	Resp	435166
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 269.892 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 504549

Ion Ratio Lower Upper

43 100

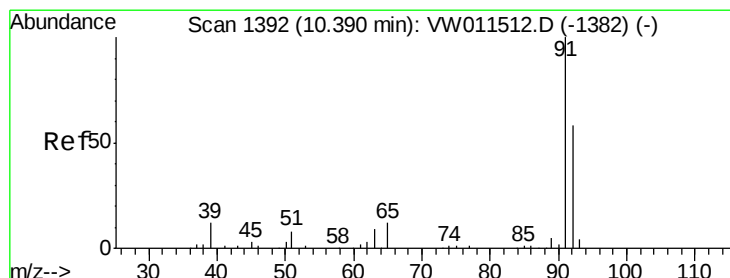
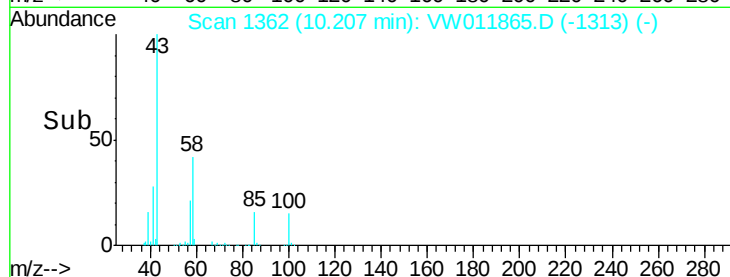
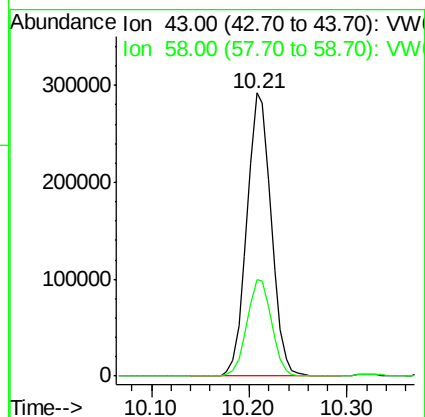
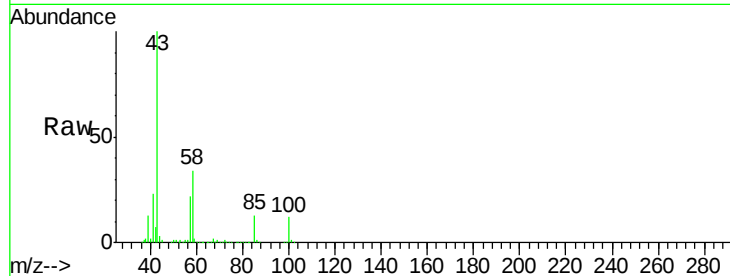
58 34.7 28.2 42.2

Manual Integrations

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#52

Toluene

Concen: 54.607 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011865.D

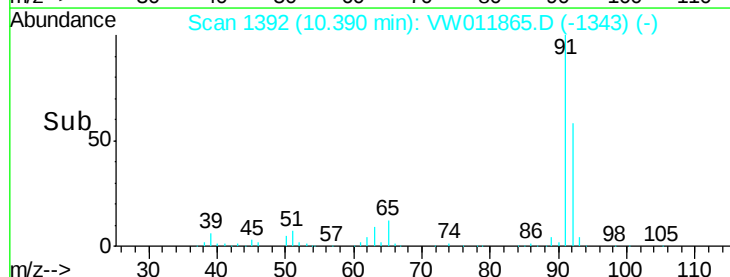
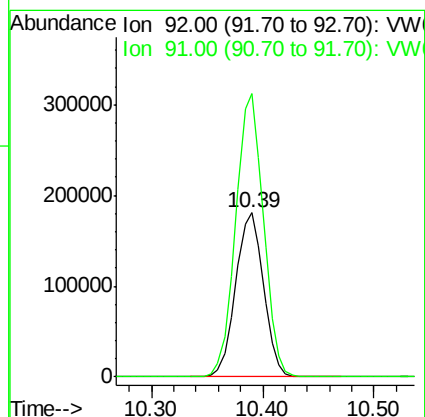
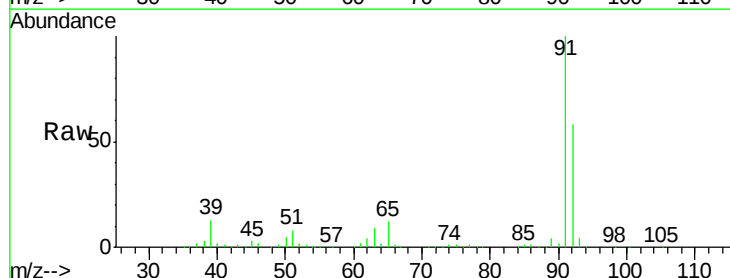
Acq: 12 Aug 2019 21:43

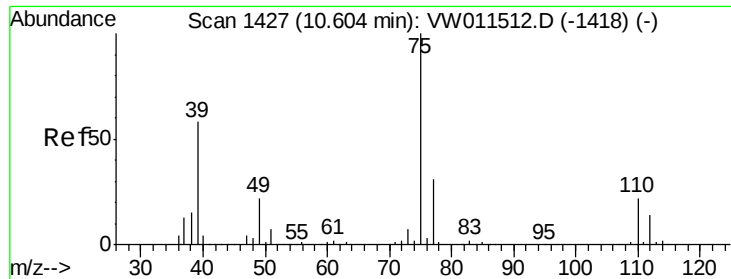
Tgt Ion: 92 Resp: 313766

Ion Ratio Lower Upper

92 100

91 171.5 136.7 205.1





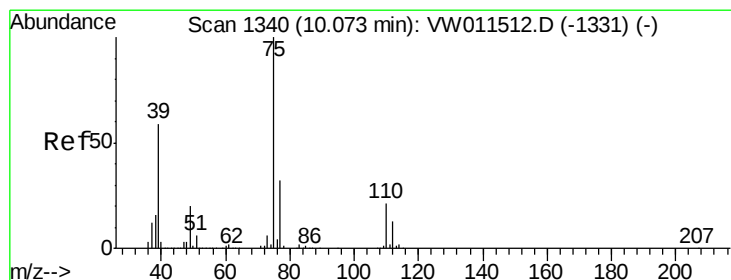
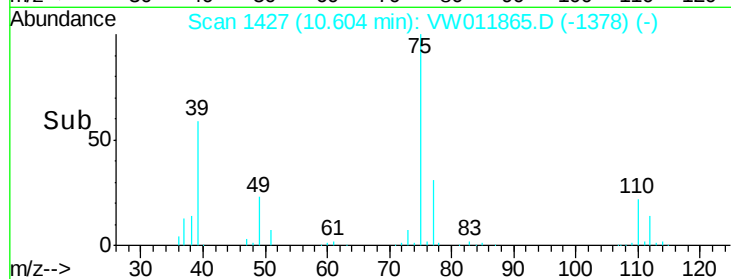
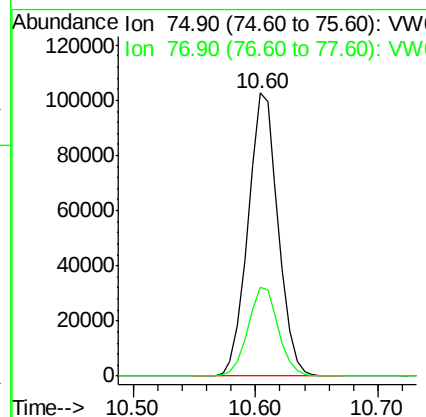
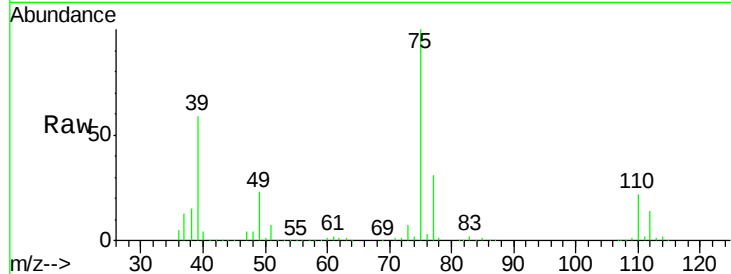
#53
t-1,3-Dichloropropene
Concen: 54.957 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4

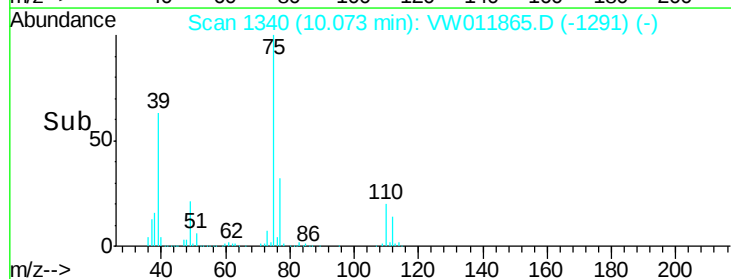
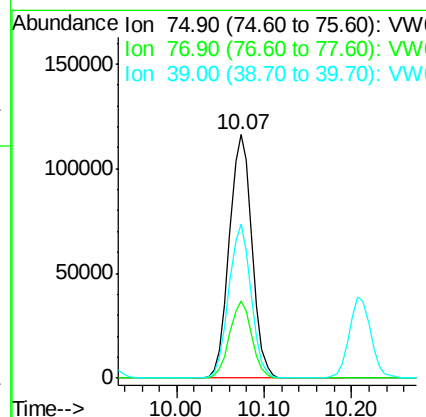
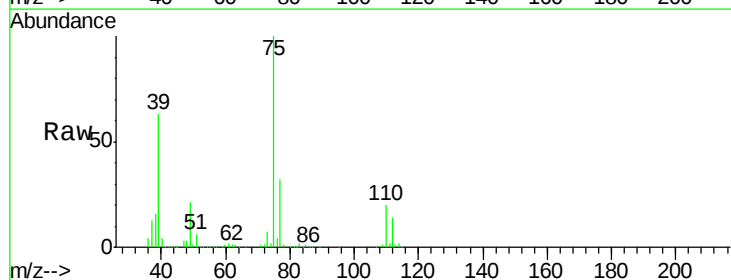
Manual Integrations
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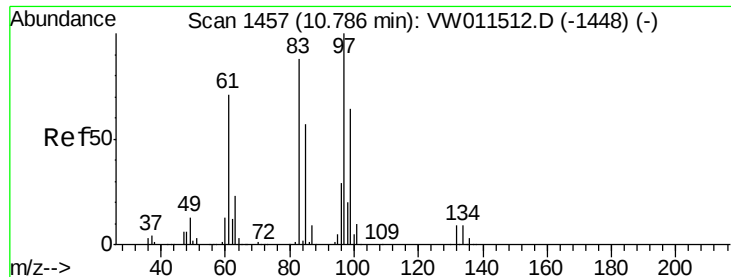
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#54
cis-1,3-Dichloropropene
Concen: 55.080 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.6	38.4
39	62.9	47.0	70.4





#55

1,1,2-Trichloroethane

Concen: 54.108 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

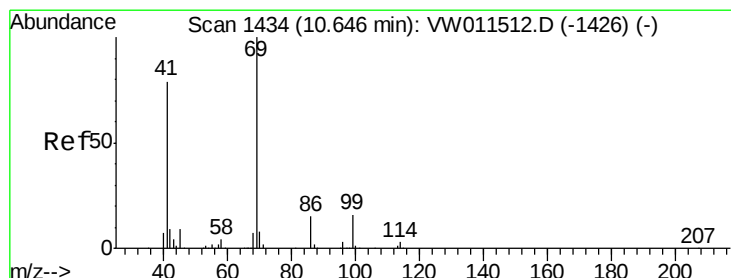
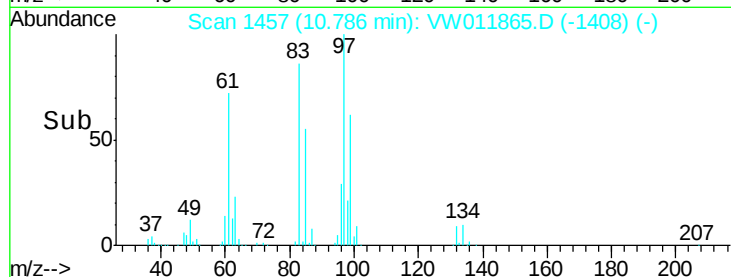
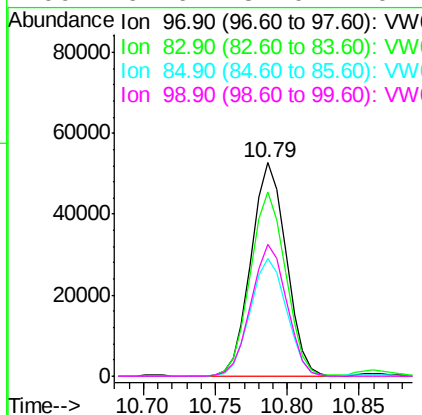
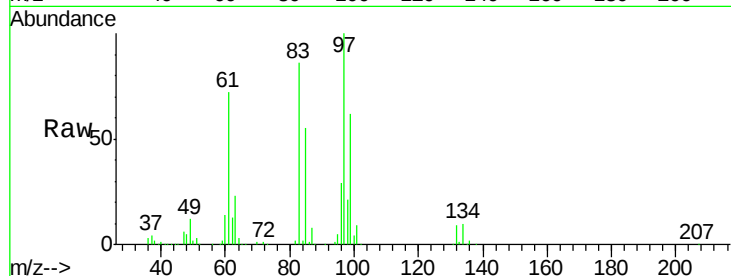
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	89204
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.5	105.7
85	55.3	45.8	68.6
99	61.6	51.0	76.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 54.928 ug/l

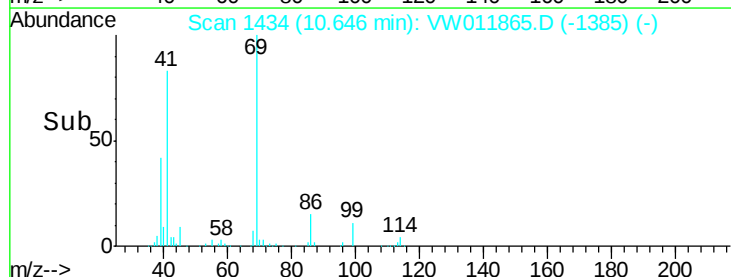
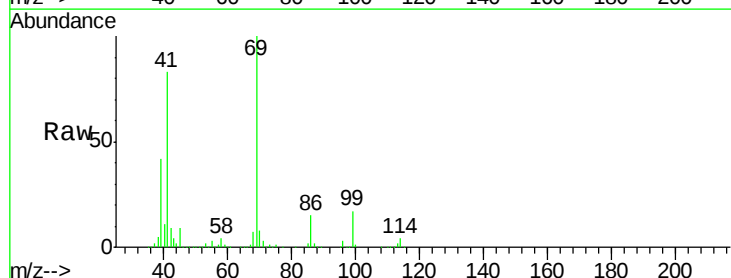
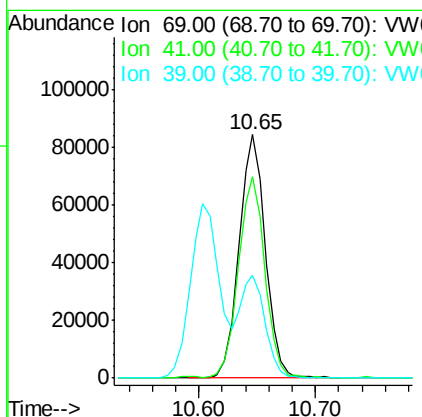
RT: 10.65 min Scan# 1434

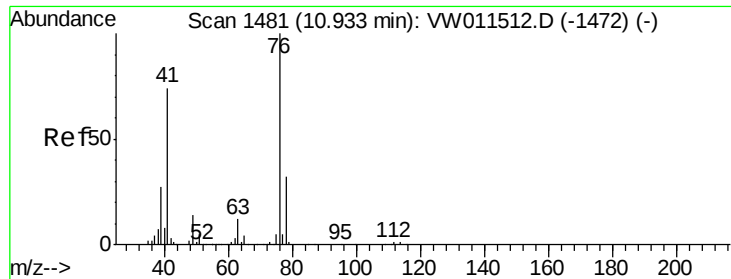
Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion:	69	Resp:	132512
Ion	Ratio	Lower	Upper
69	100		
41	82.7	66.6	99.8
39	39.8	30.3	45.5





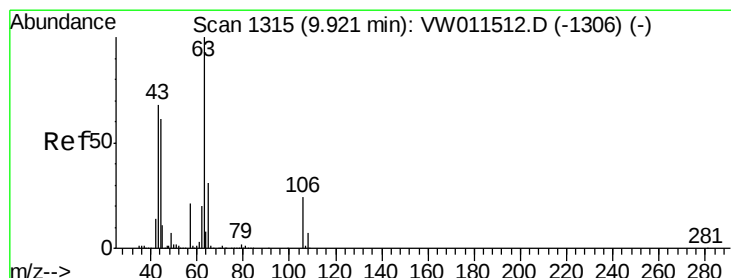
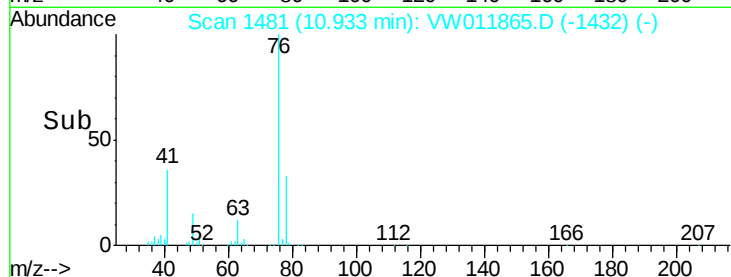
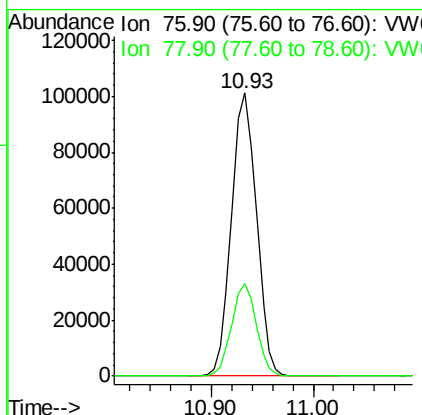
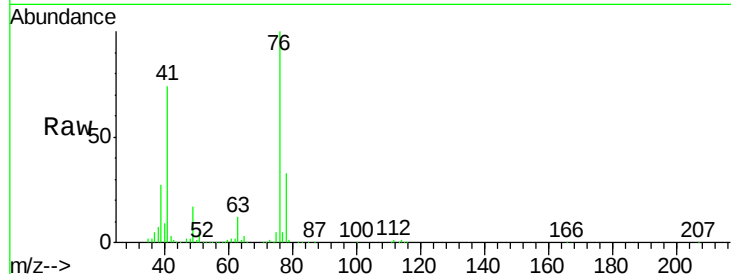
#57
 1,3-Dichloropropane
 Concen: 55.058 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 171730
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8

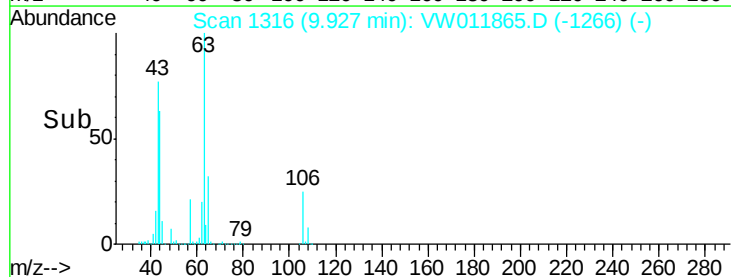
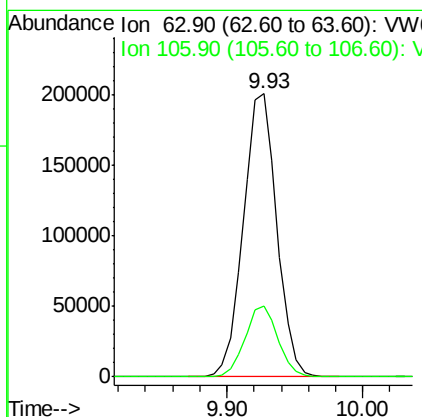
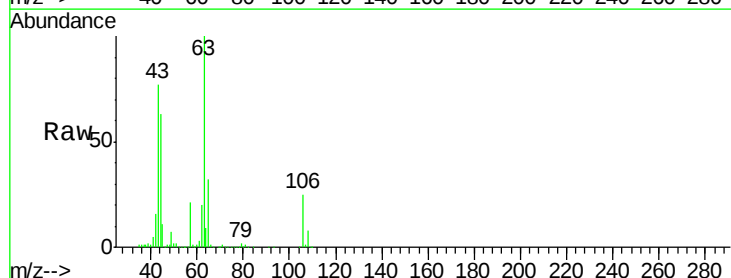
Manual Integrations
 APPROVED

MMDadoda
 8/13/2019 2:36:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 314.785 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion: 63 Resp: 344805
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.7 29.5





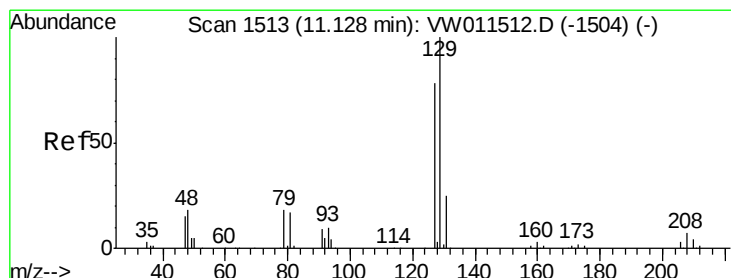
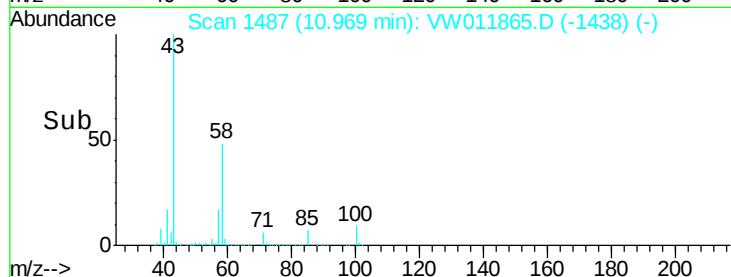
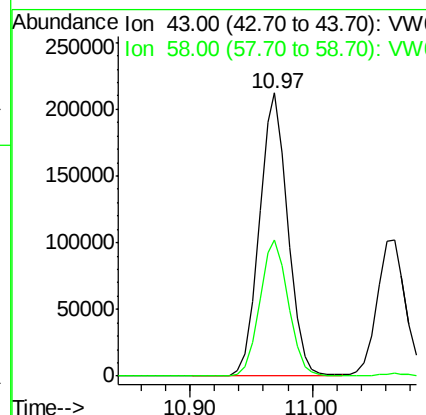
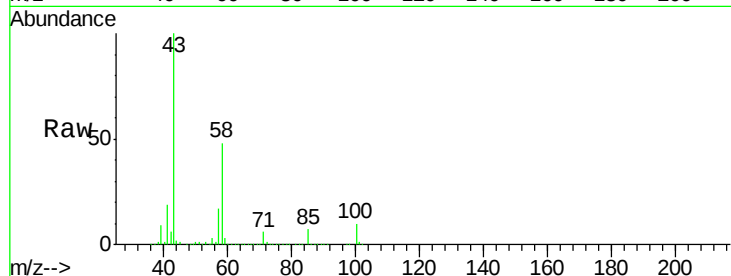
#59
2-Hexanone
Concen: 259.433 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.3	72.9

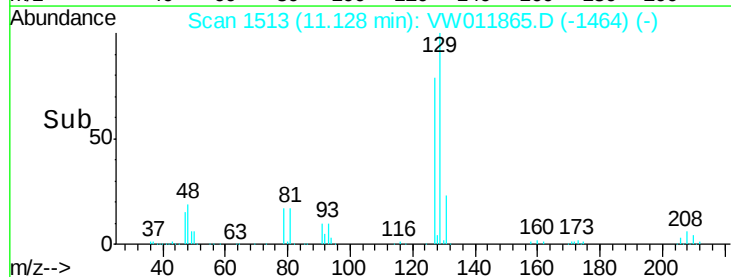
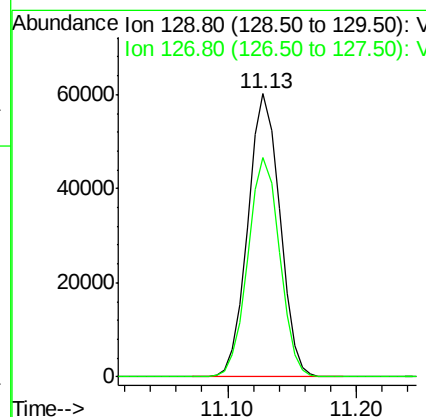
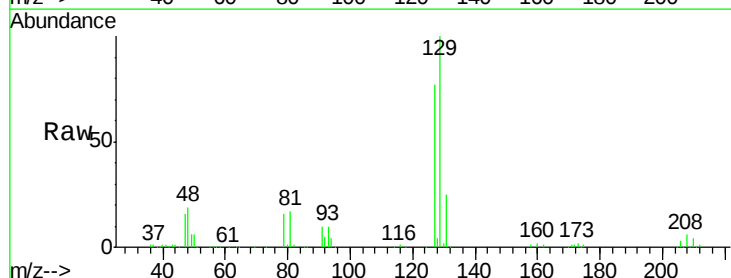
Manual Integrations
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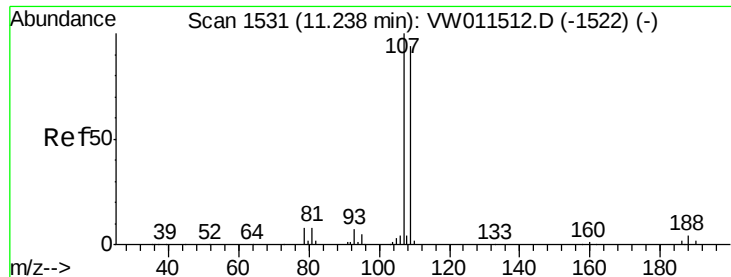
MMDadoda
8/13/2019 2:36:25 PM



#60
Dibromochloromethane
Concen: 56.349 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.9	116.7





#61

1,2-Dibromoethane

Concen: 53.920 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 84124

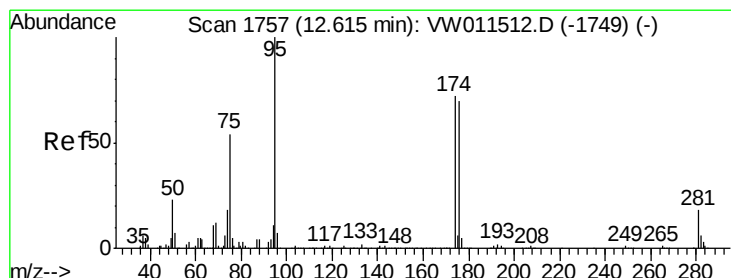
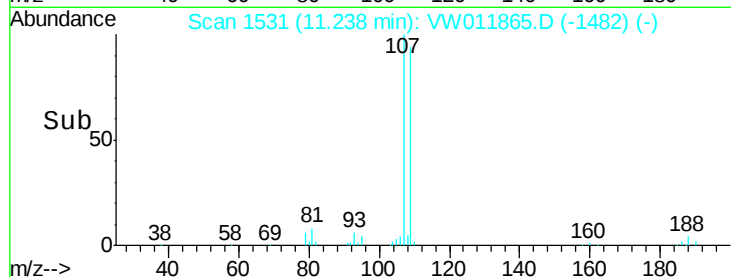
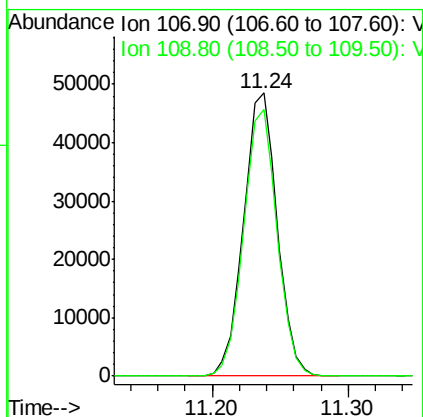
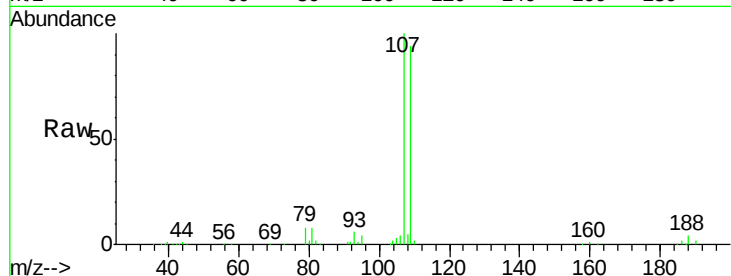
Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.6

Manual Integrations
APPROVED

MMDadoda
8/13/2019 2:36:25 PM



#62

4-Bromofluorobenzene

Concen: 57.744 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

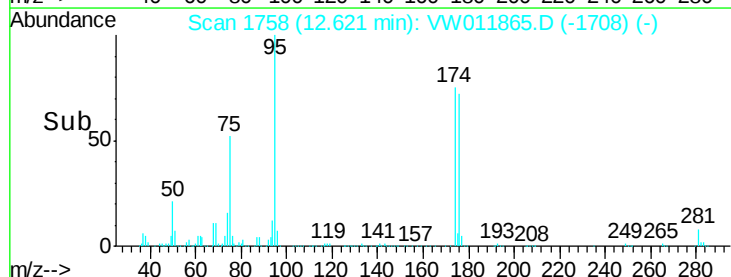
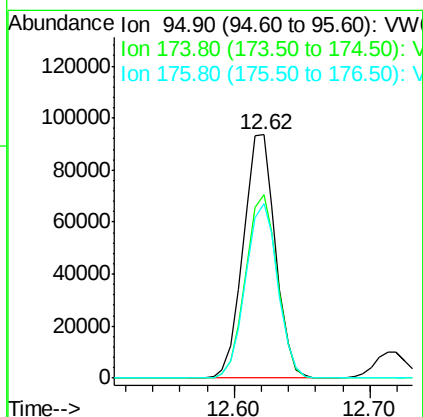
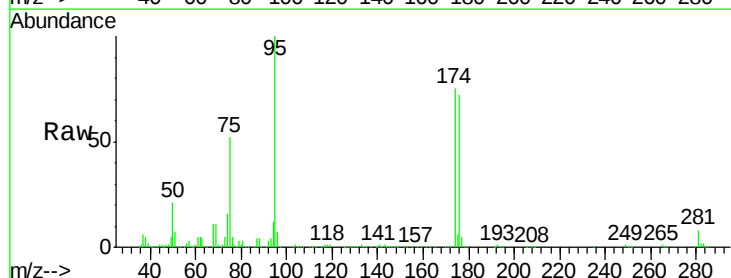
Tgt Ion: 95 Resp: 154475

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

176 72.2 0.0 144.4





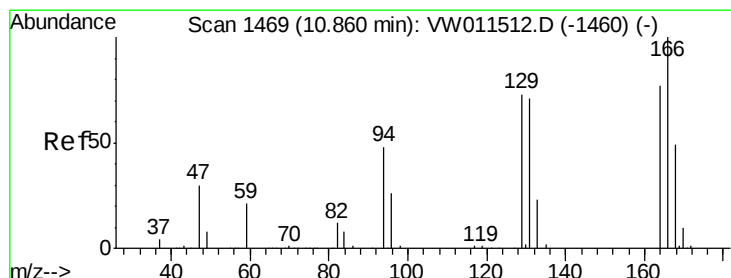
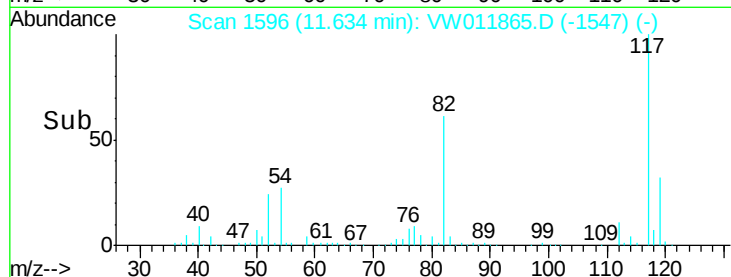
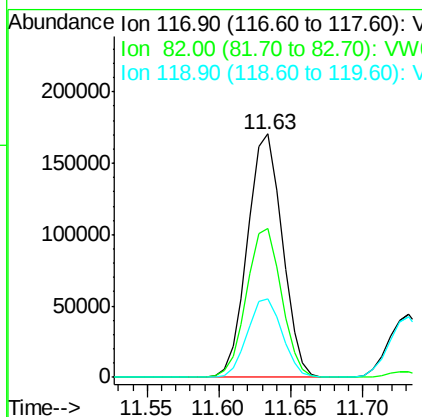
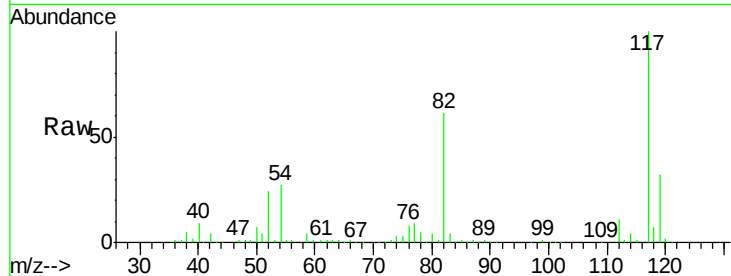
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	285498		
82	61.0	47.9	71.9	
119	32.1	26.2	39.2	

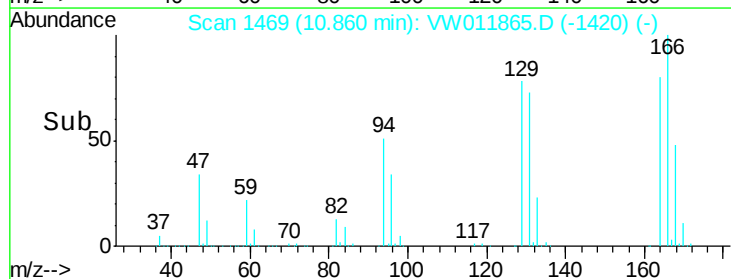
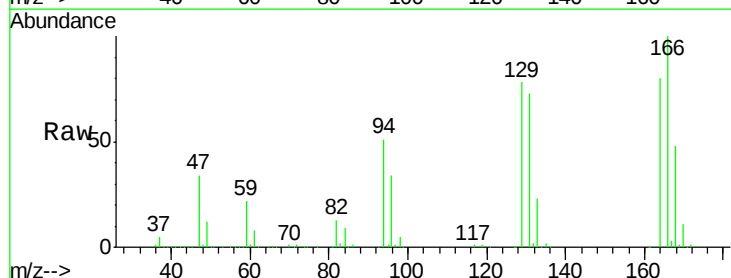
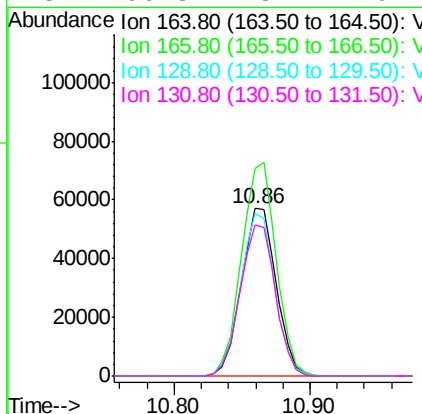
Manual Integrations
APPROVED

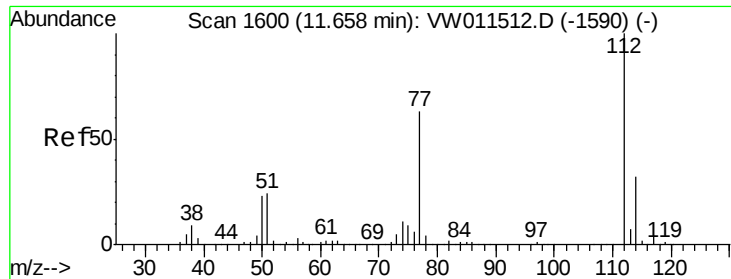
MMDadoda
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#64
Tetrachloroethene
Concen: 54.863 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101985		
166	124.3	103.5	155.3	
129	97.0	75.2	112.8	
131	90.3	73.4	110.2	





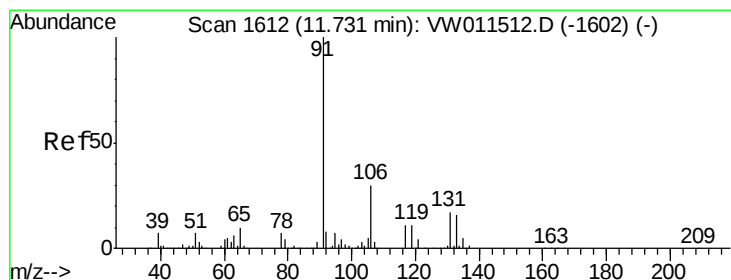
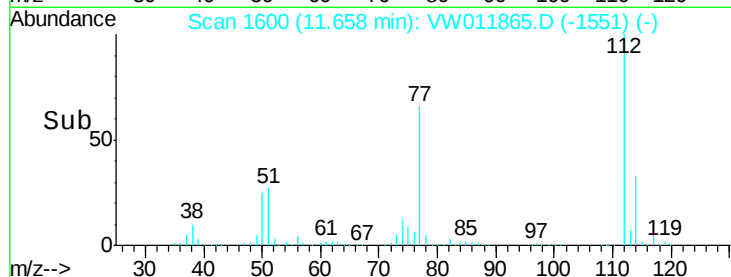
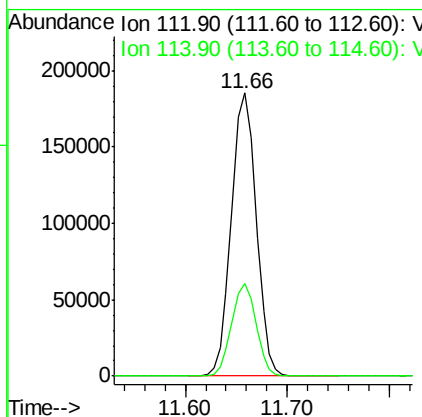
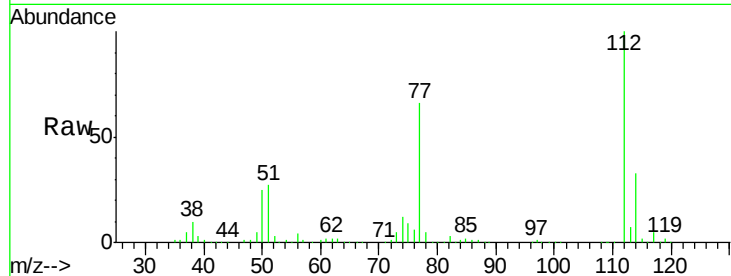
#65
Chlorobenzene
Concen: 54.429 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.6	38.4

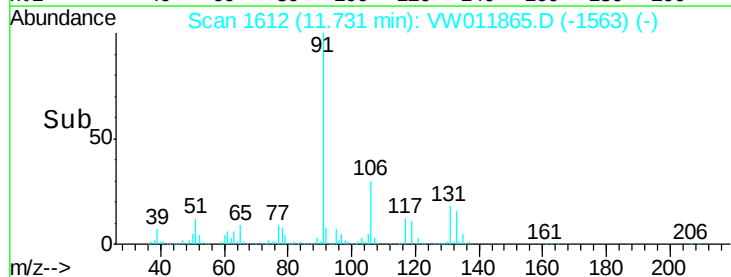
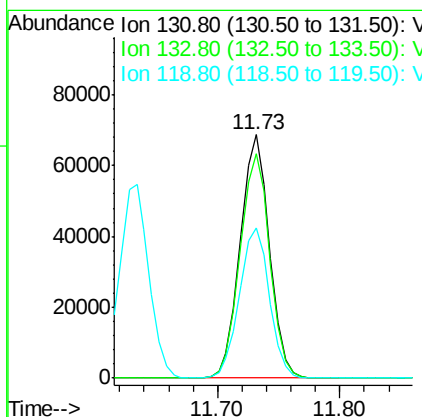
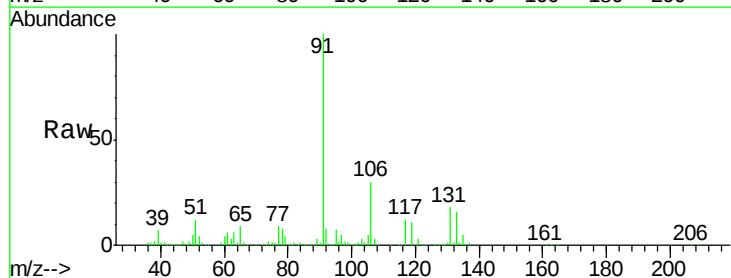
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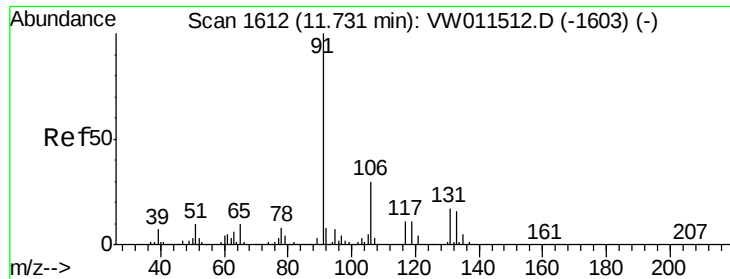
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.718 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.4	142.2
119	63.6	32.3	96.9





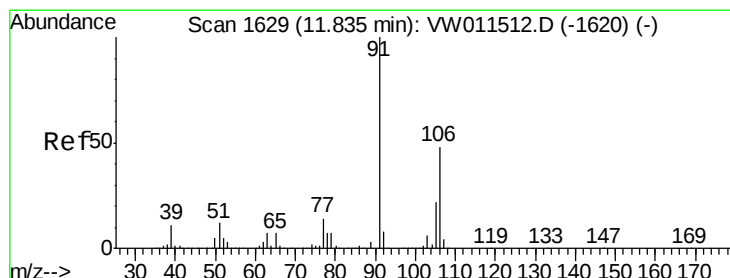
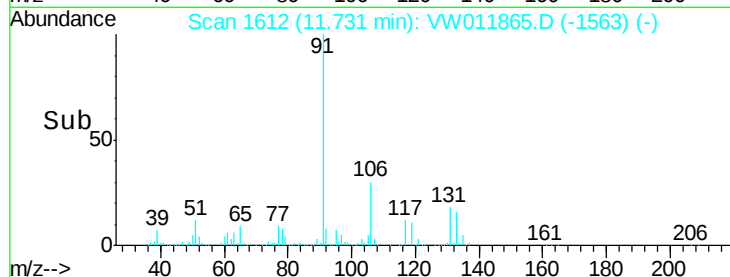
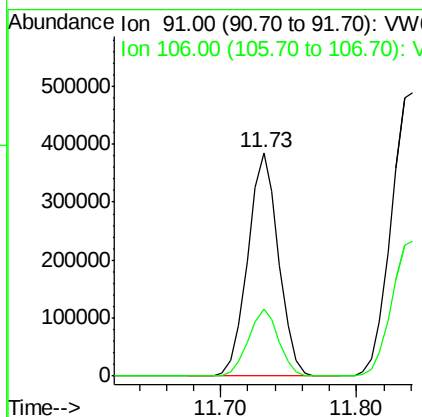
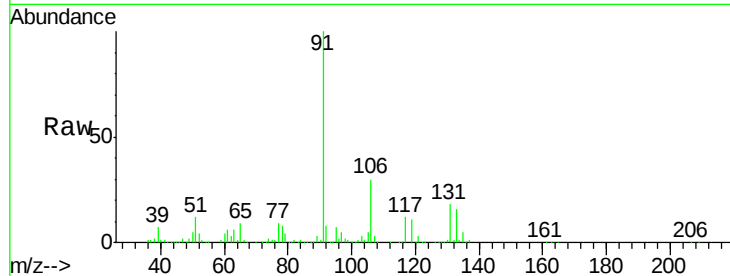
#67
Ethyl Benzene
Concen: 55.580 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 607591
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.6

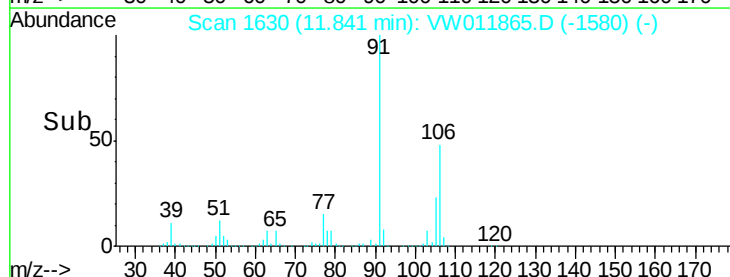
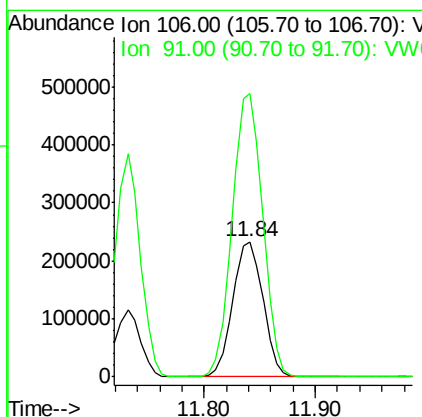
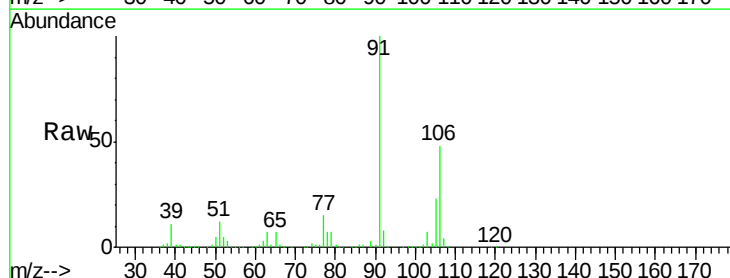
Manual Integrations
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#68
m/p-Xylenes
Concen: 110.337 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion: 106 Resp: 438651
Ion Ratio Lower Upper
106 100
91 211.0 168.2 252.2





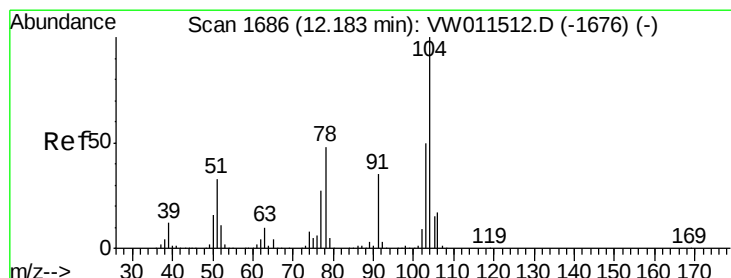
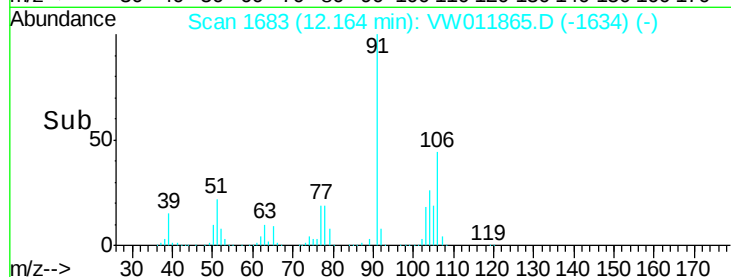
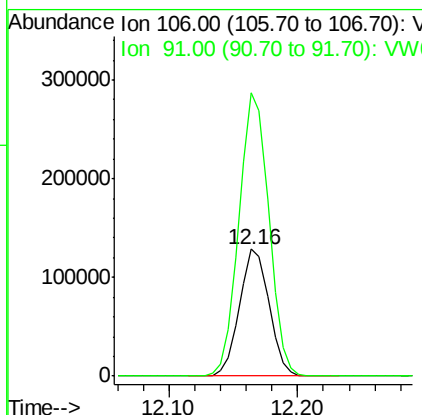
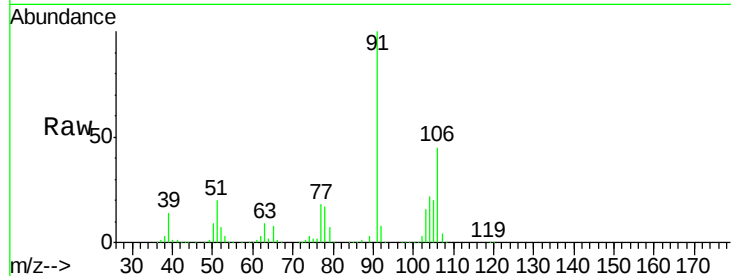
#69
o-Xylene
Concen: 55.552 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	224.7	110.5	331.5

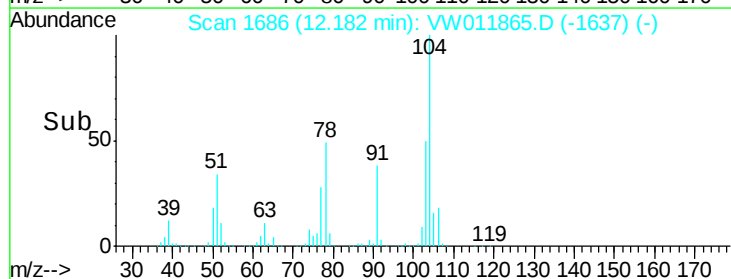
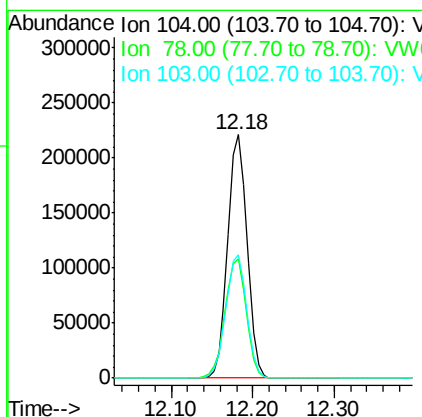
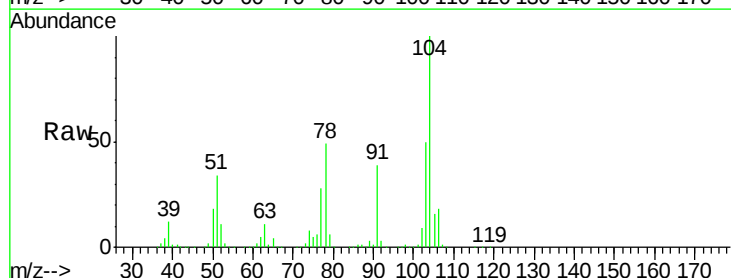
Manual Integrations
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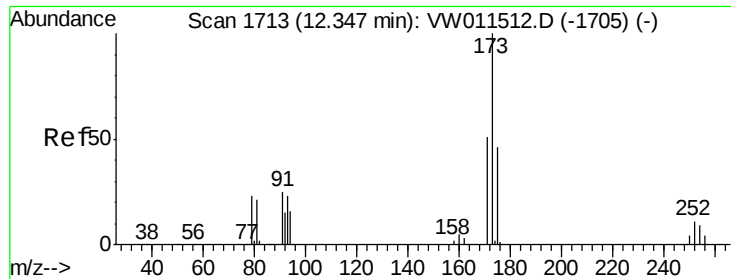
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#70
Styrene
Concen: 56.540 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	43.4	65.0
103	54.6	43.9	65.9





#71

Bromoform

Concen: 56.440 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 57534

Ion Ratio Lower Upper

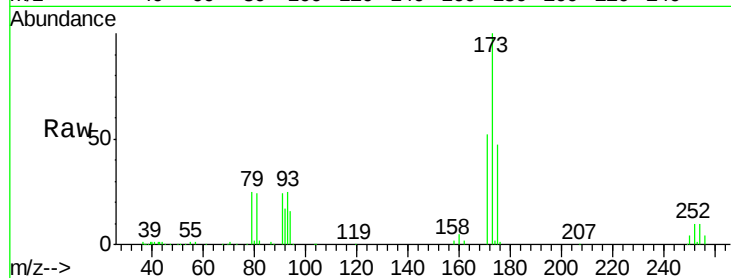
173 100

175 48.4 23.6 71.0

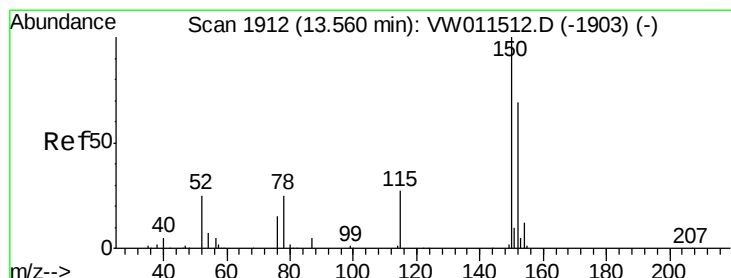
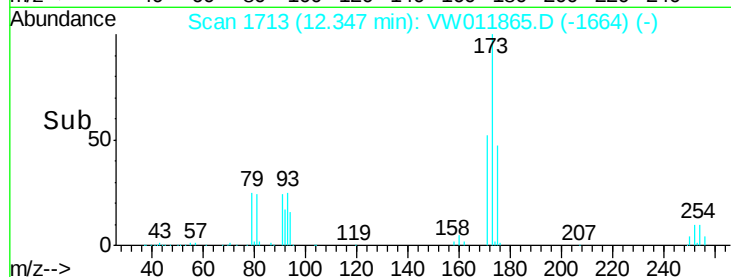
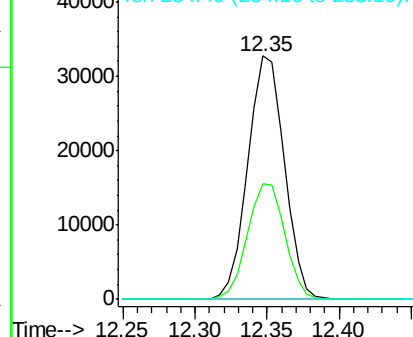
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

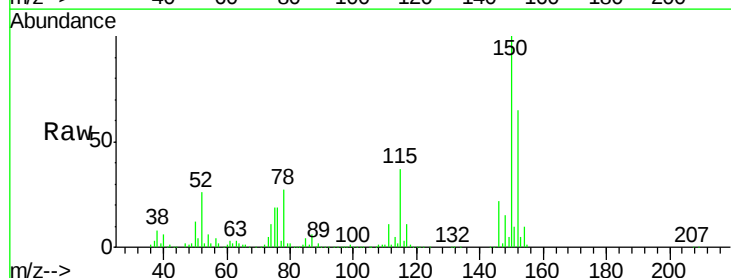
Tgt Ion:152 Resp: 136731

Ion Ratio Lower Upper

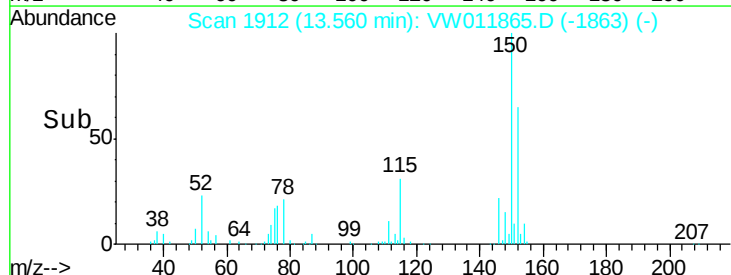
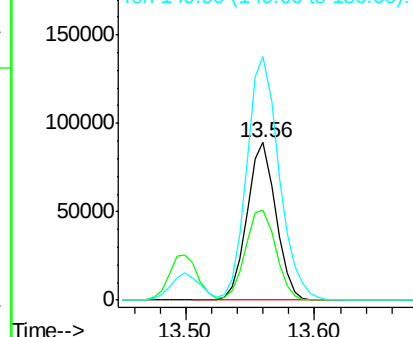
152 100

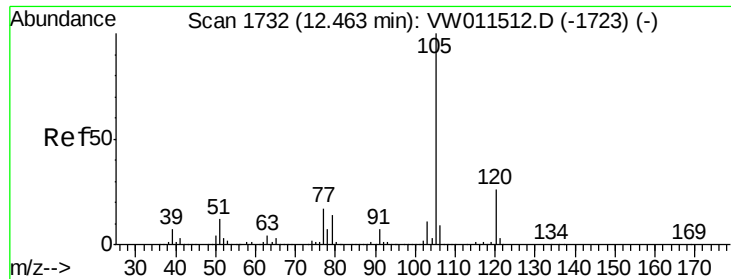
115 60.6 30.5 91.5

150 174.2 0.0 352.6



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





#73

Isopropylbenzene

Concen: 55.552 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 566657

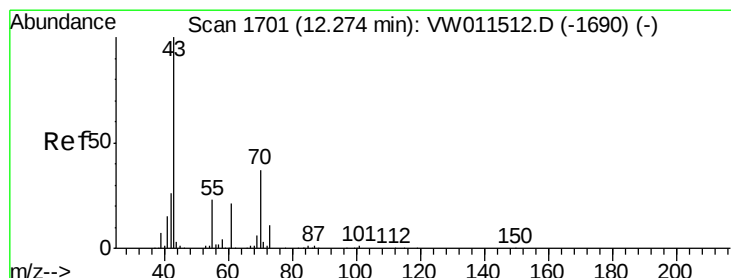
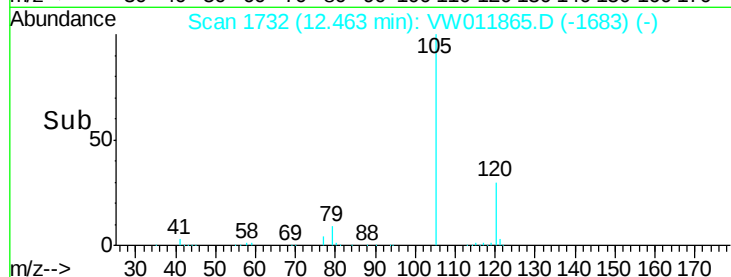
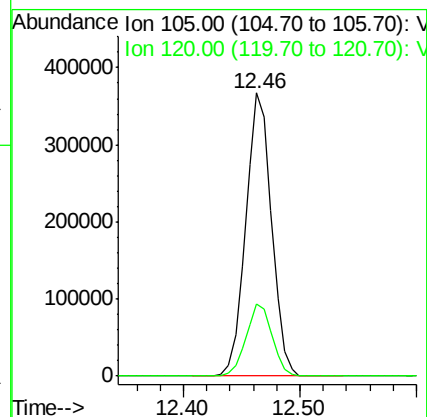
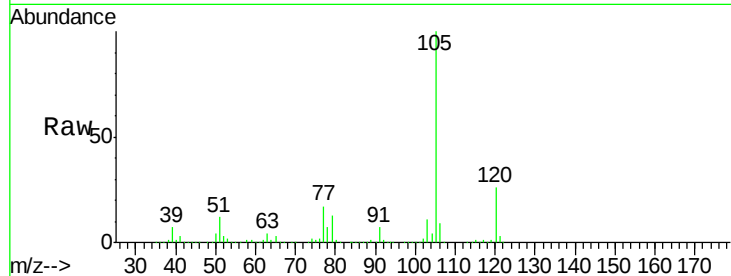
Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 55.550 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Tgt Ion: 43 Resp: 177399

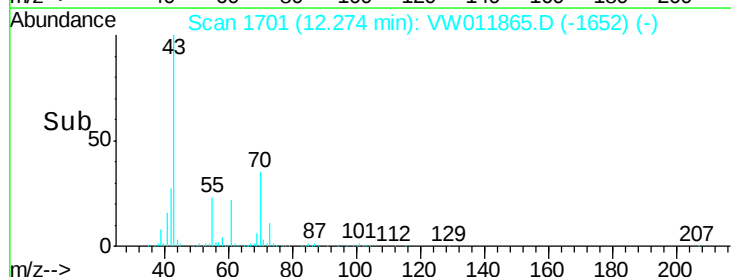
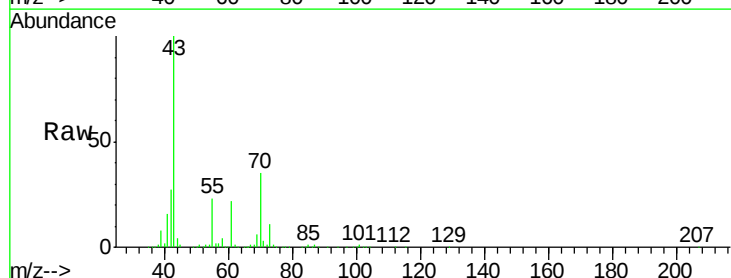
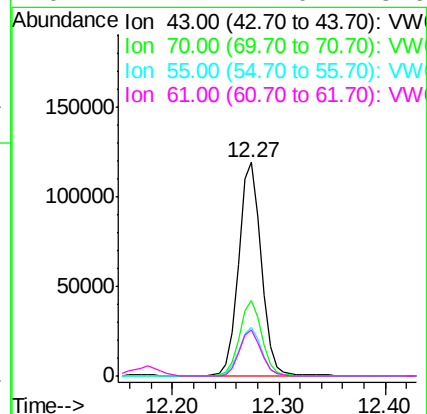
Ion Ratio Lower Upper

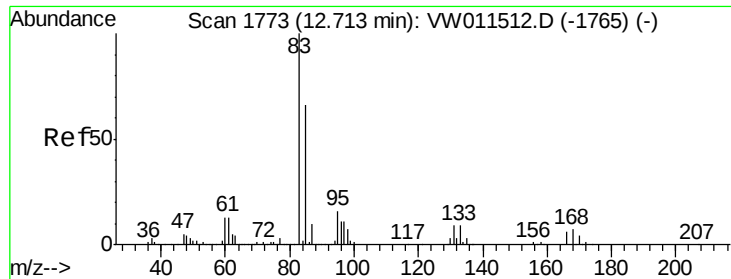
43 100

70 35.2 28.6 43.0

55 22.5 17.8 26.8

61 21.1 17.0 25.6





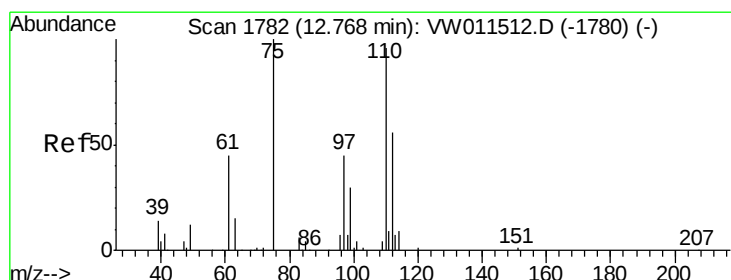
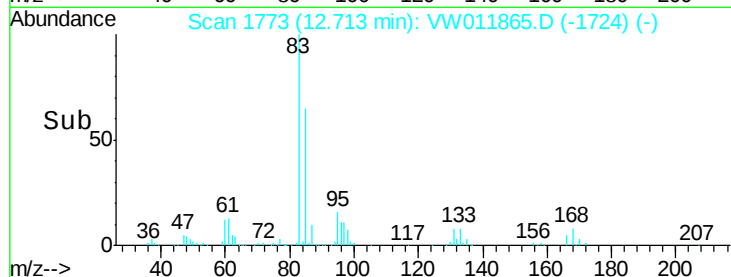
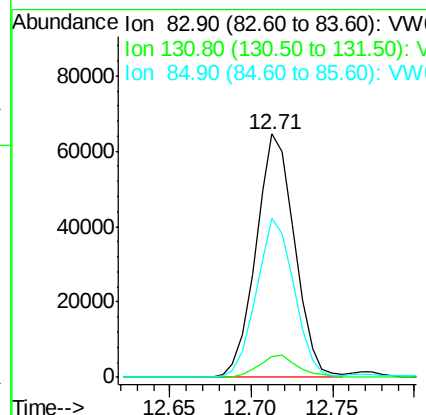
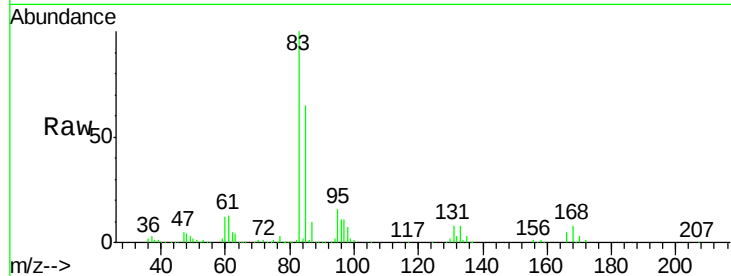
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.231 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.5	4.9	14.6	
85	64.0	31.8	95.4	

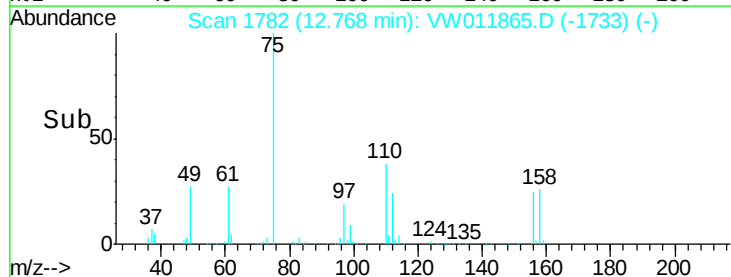
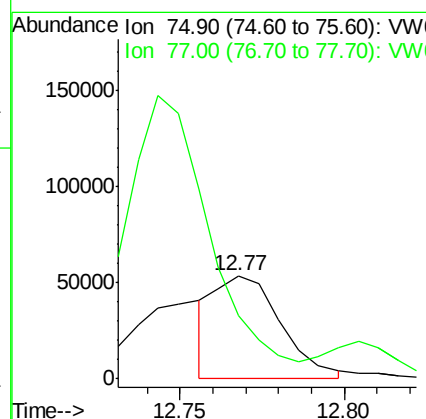
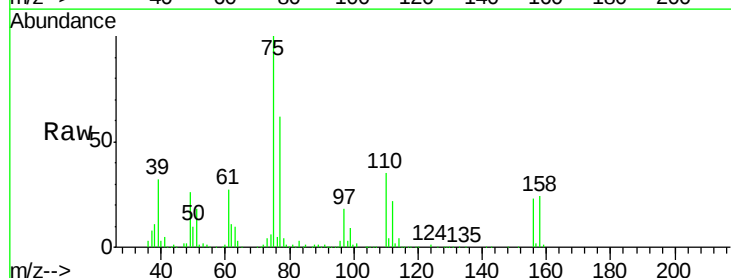
Manual Integrations
 APPROVED

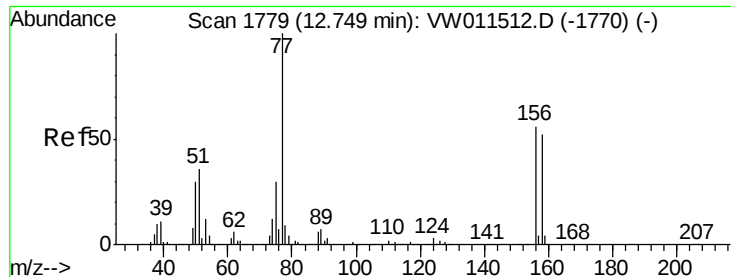
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 52.486 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

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





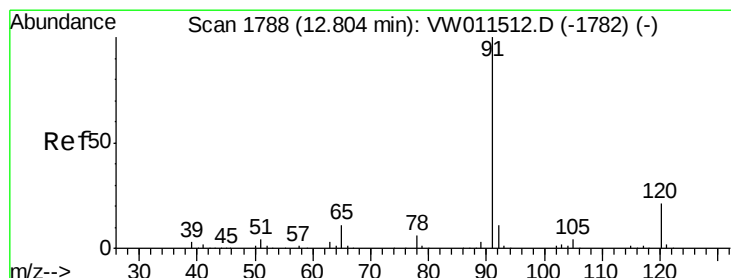
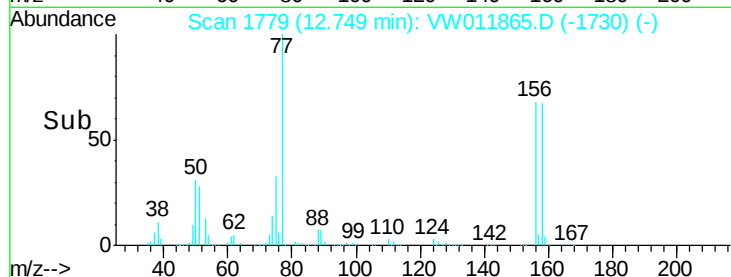
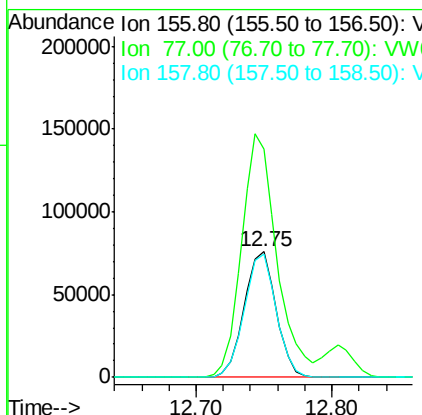
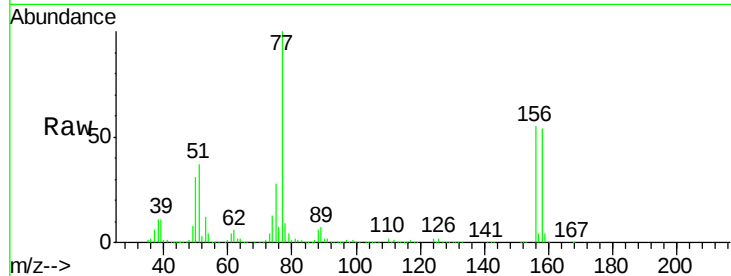
#77
Bromobenzene
Concen: 55.310 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.6	106.5	319.4
158	98.4	48.0	144.2

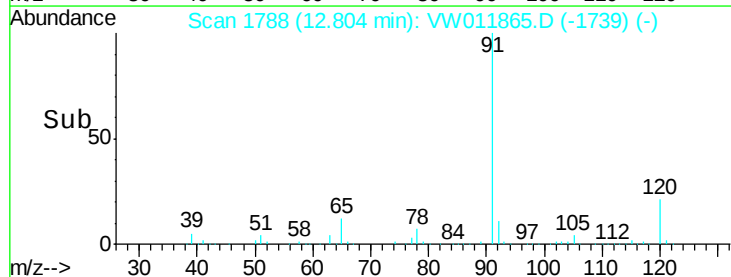
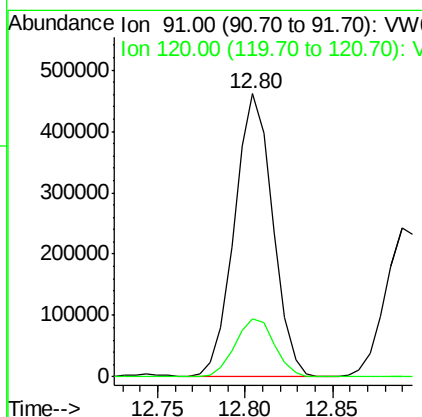
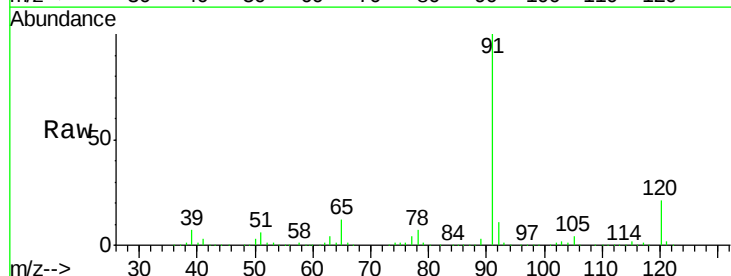
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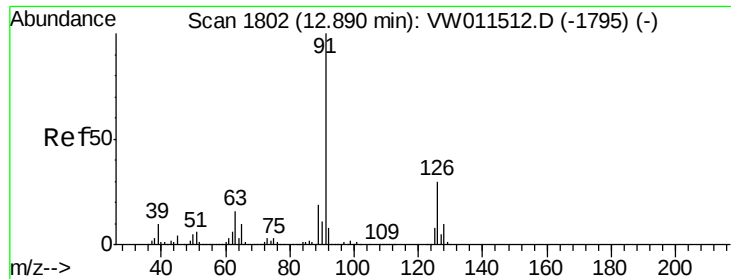
MMDadoda
8/13/2019 2:36:25 PM



#78
n-propylbenzene
Concen: 56.447 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.3	10.9	32.7





#79

2-Chlorotoluene

Concen: 55.888 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 399695

Ion Ratio Lower Upper

91 100

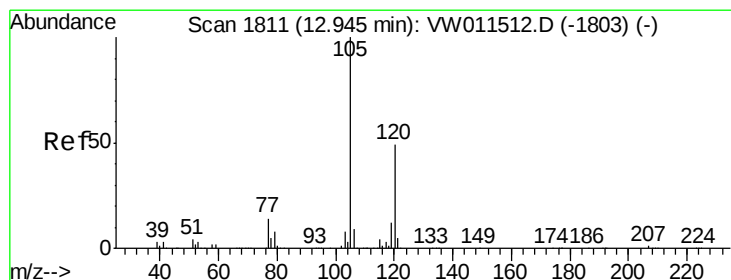
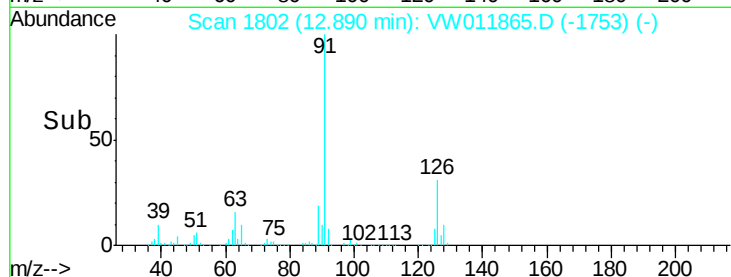
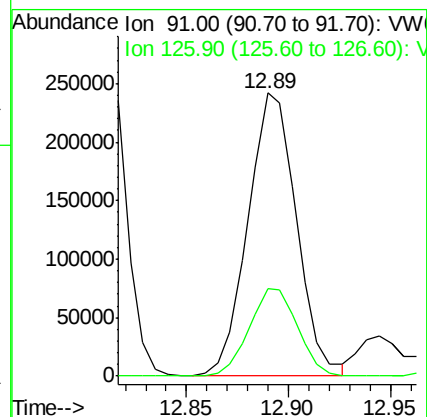
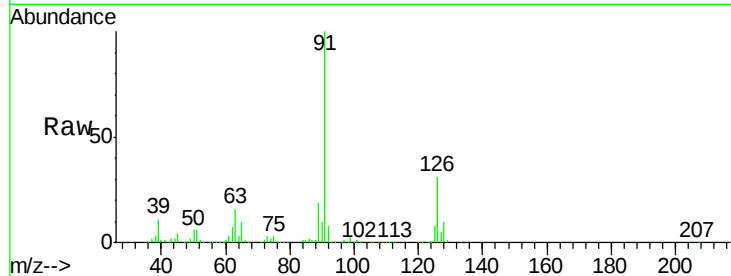
126 31.0 15.7 47.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.497 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011865.D

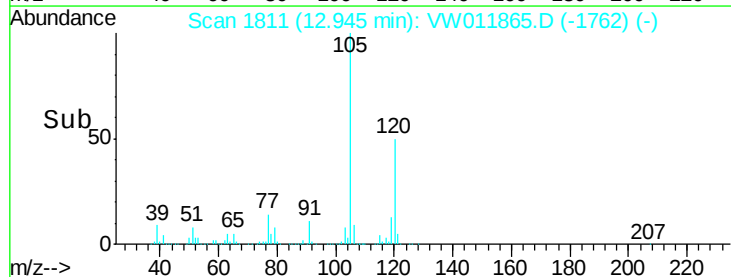
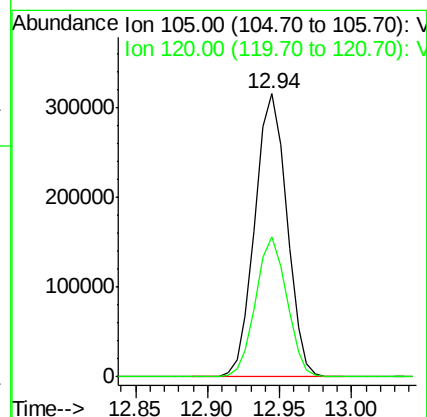
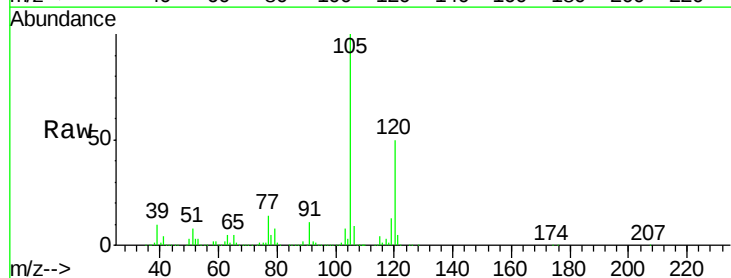
Acq: 12 Aug 2019 21:43

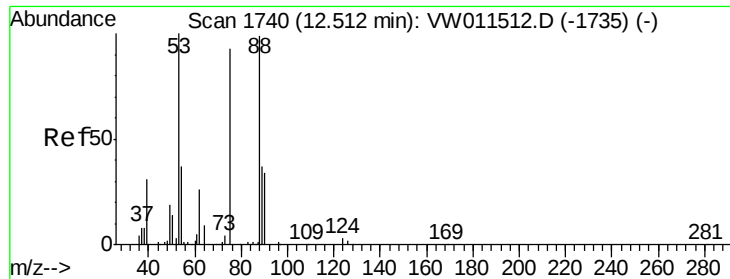
Tgt Ion: 105 Resp: 483082

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3





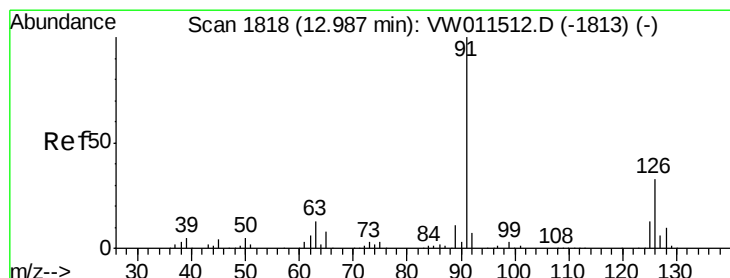
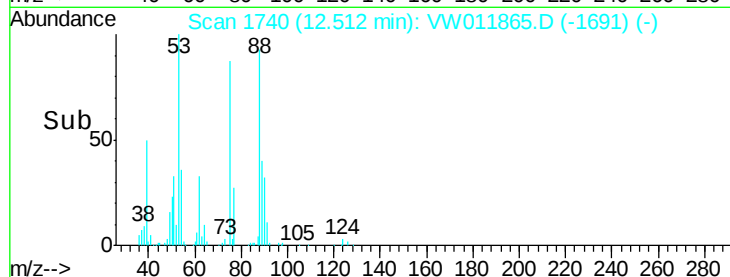
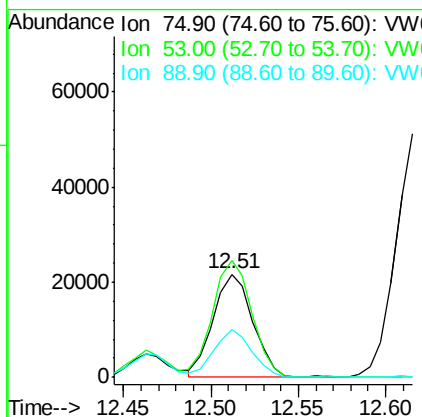
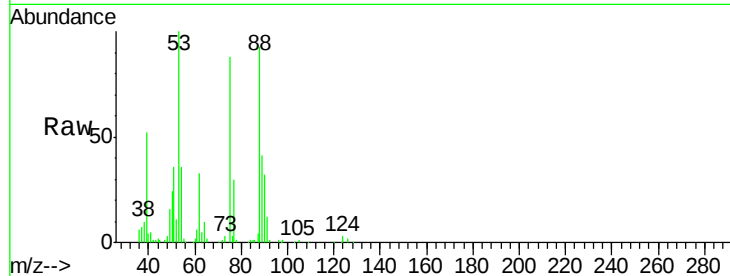
#81
trans-1,4-Dichloro-2-butene
Concen: 53.960 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	88.0	132.0
89	45.0	35.3	52.9

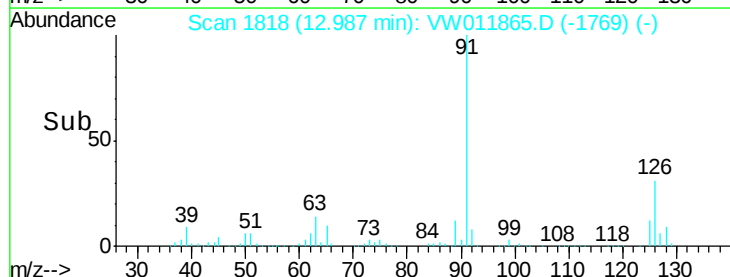
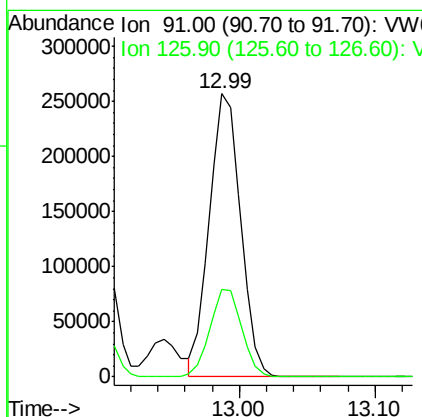
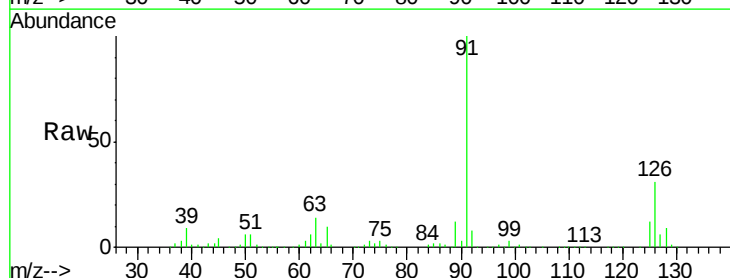
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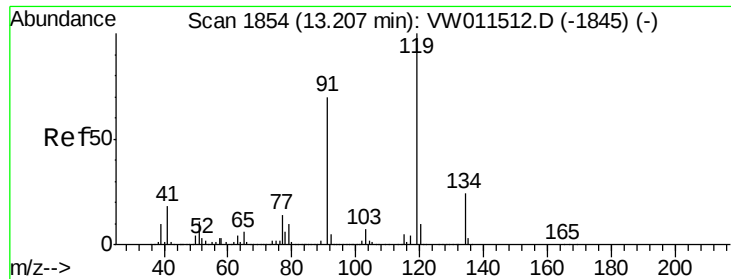
MMDadoda
8/13/2019 2:36:25 PM



#82
4-Chlorotoluene
Concen: 54.590 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.6	46.8





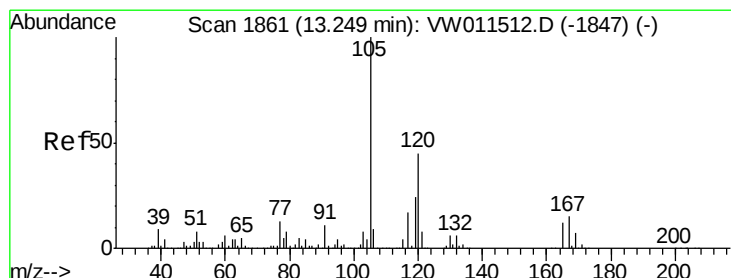
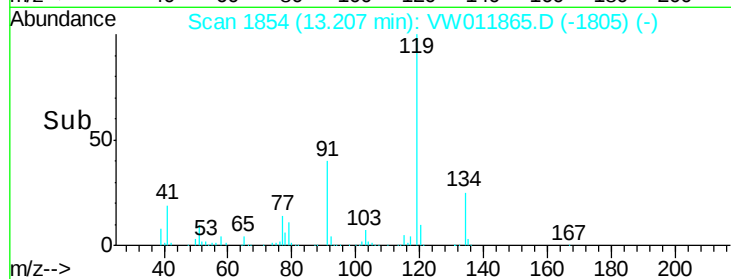
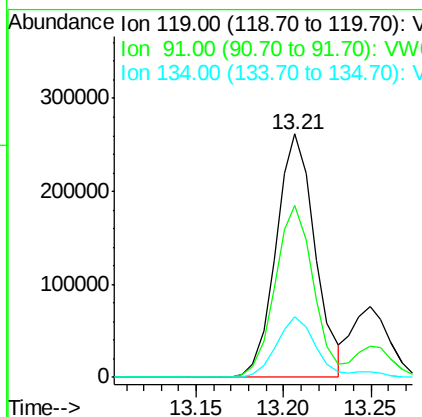
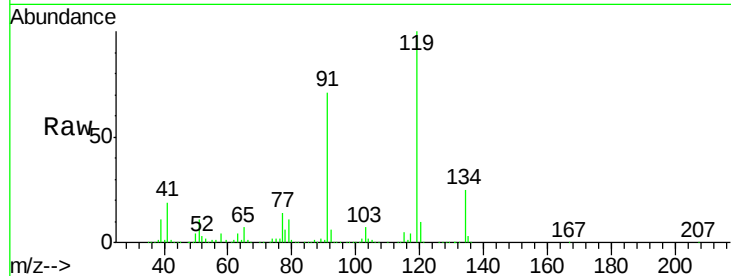
#83
tert-Butylbenzene
Concen: 57.014 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	34.5	103.6
134	24.7	12.4	37.4

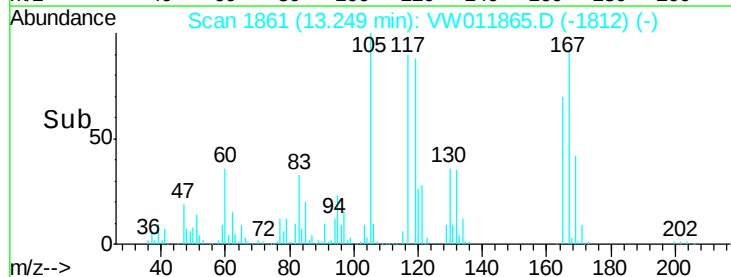
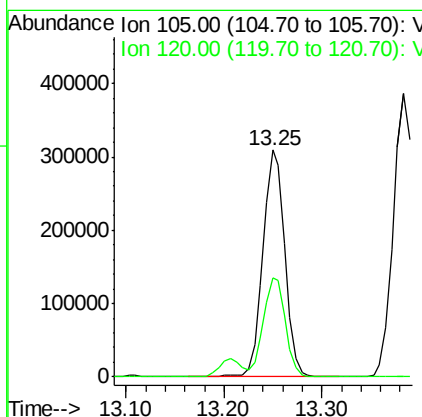
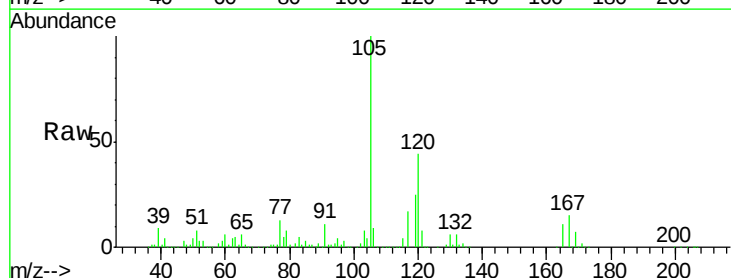
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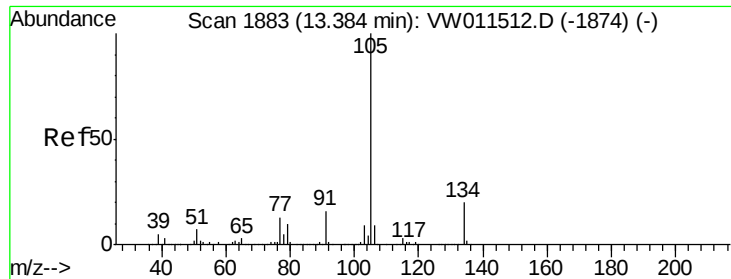
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#84
1,2,4-Trimethylbenzene
Concen: 56.189 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.5





#85

sec-Butylbenzene

Concen: 56.932 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 580851

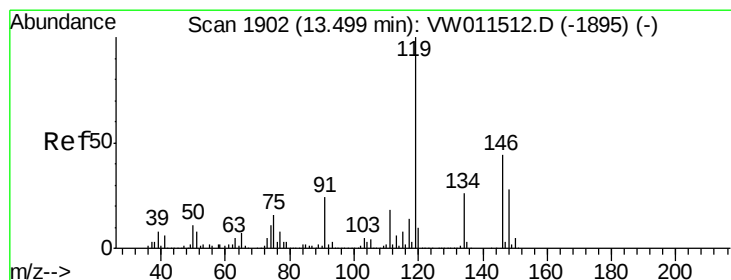
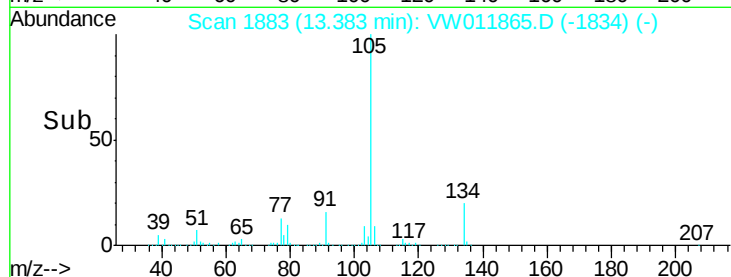
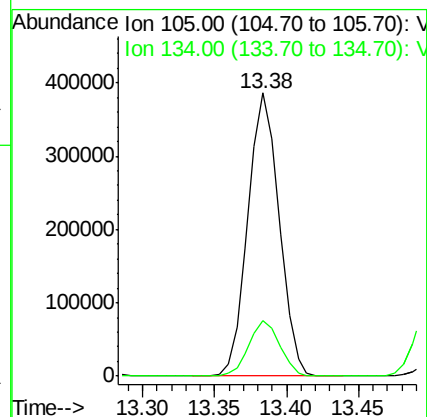
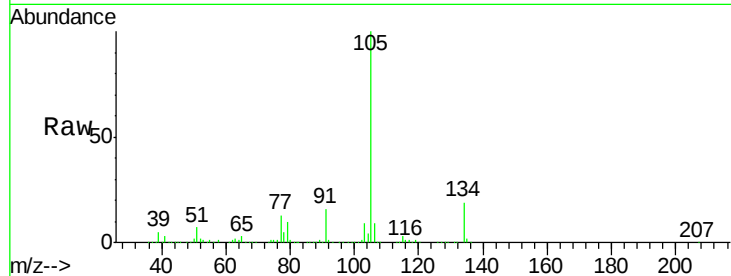
Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 56.184 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011865.D

Acq: 12 Aug 2019 21:43

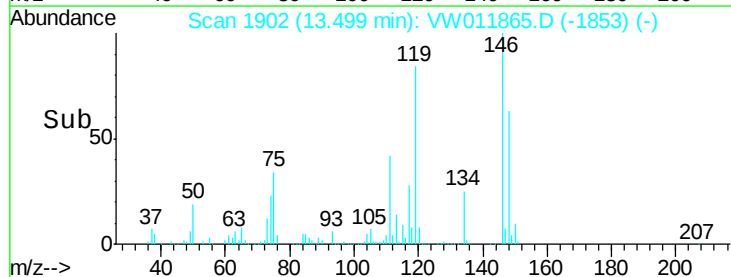
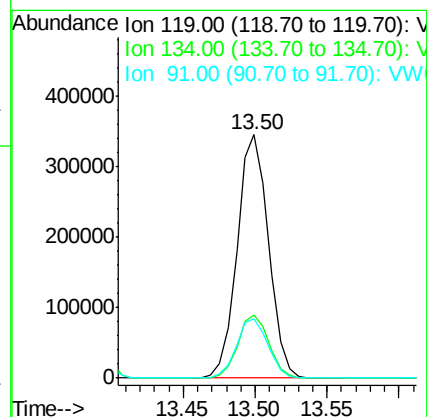
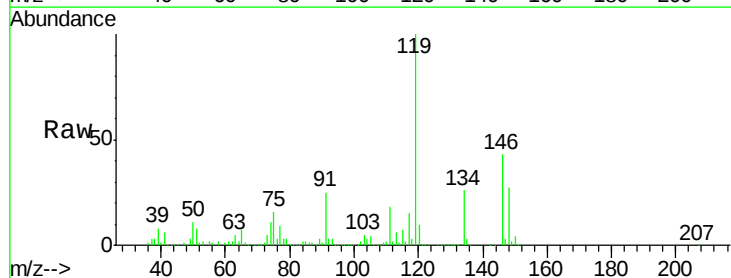
Tgt Ion:119 Resp: 520093

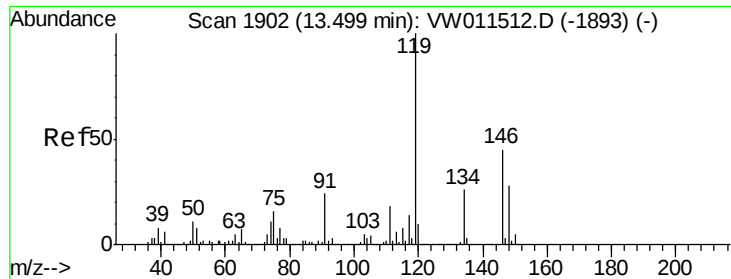
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.6 12.1 36.3





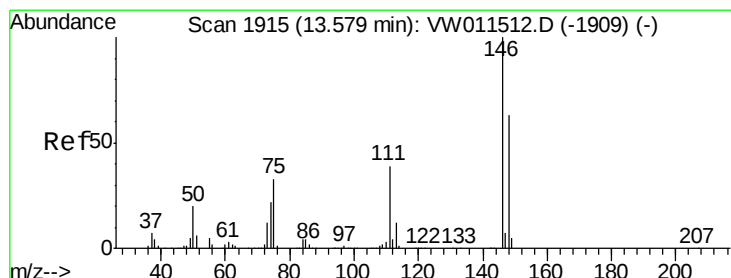
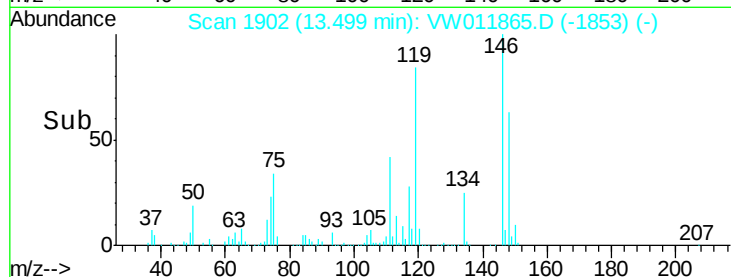
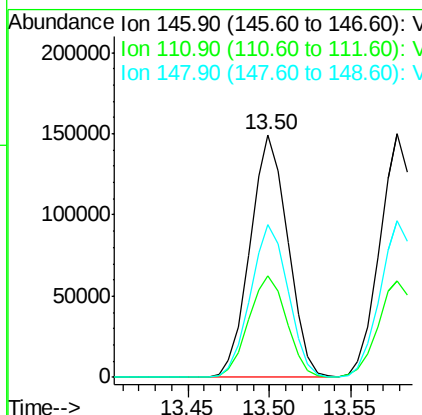
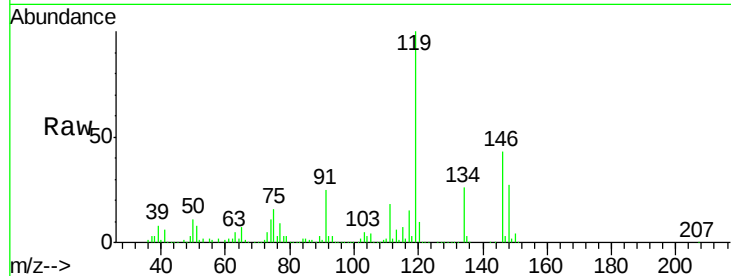
#87
 1,3-Dichlorobenzene
 Concen: 54.477 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240830		
111	42.1	20.5	61.6	
148	62.8	31.8	95.3	

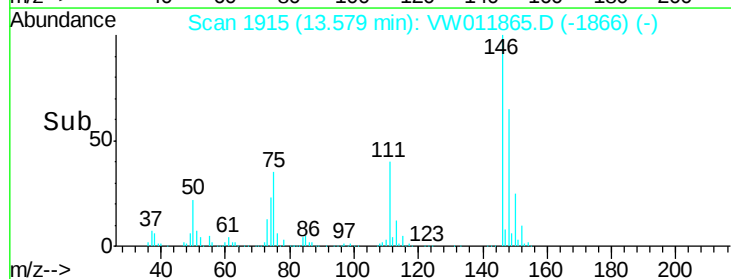
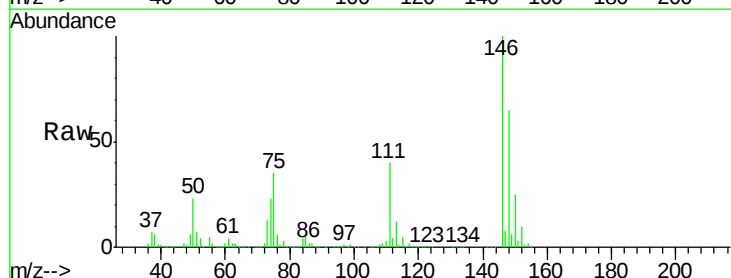
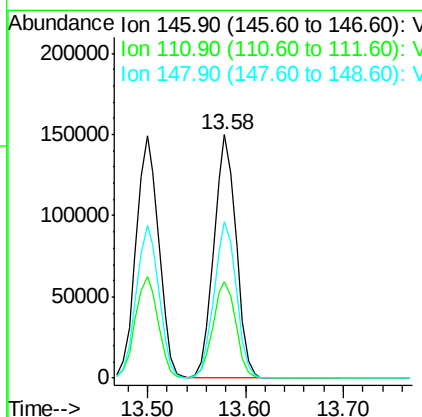
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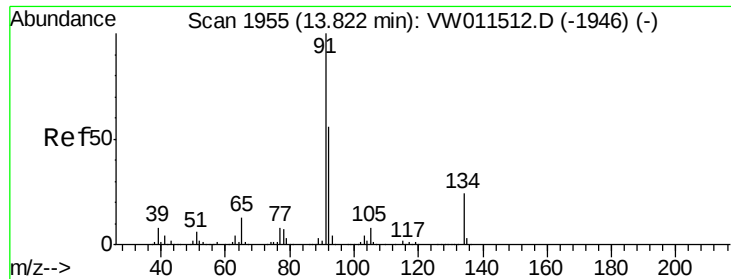
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#88
 1,4-Dichlorobenzene
 Concen: 53.630 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235845		
111	41.1	20.1	60.2	
148	64.6	31.9	95.9	





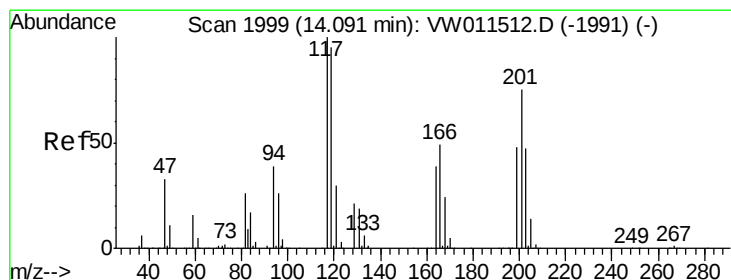
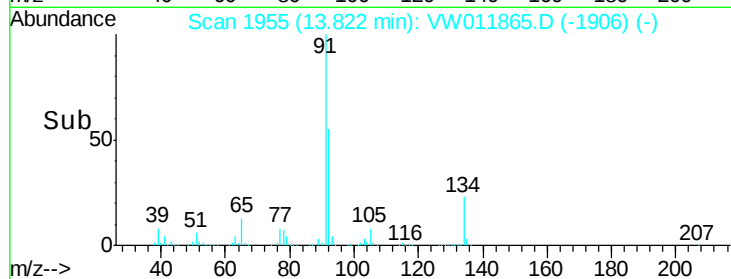
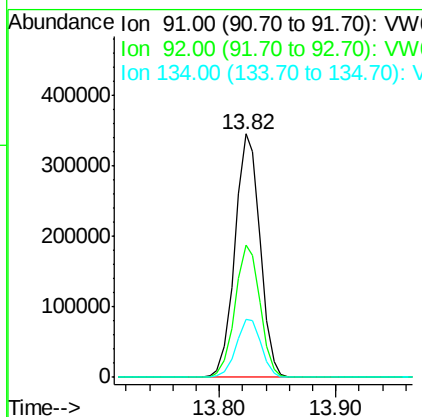
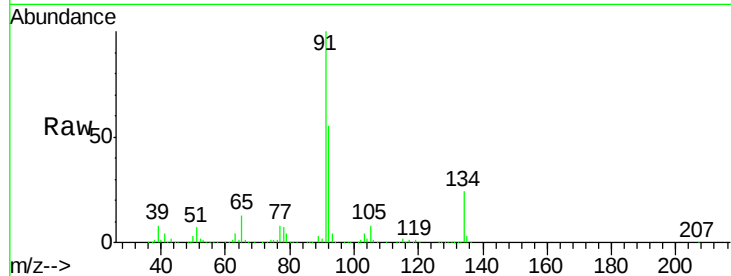
#89
n-Butylbenzene
Concen: 55.781 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	515300		
92	54.2		27.5	82.4
134	24.0		12.2	36.6

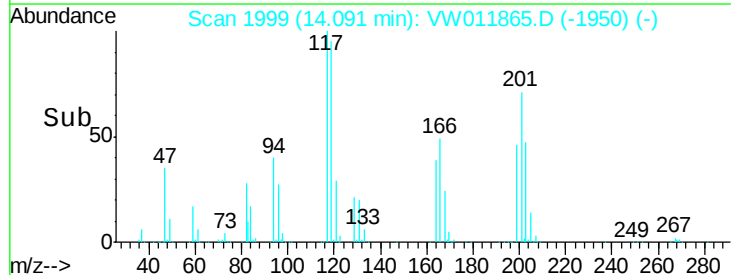
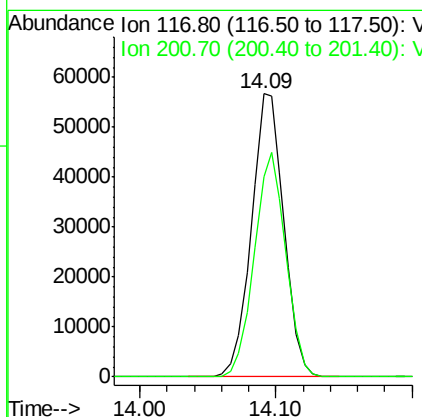
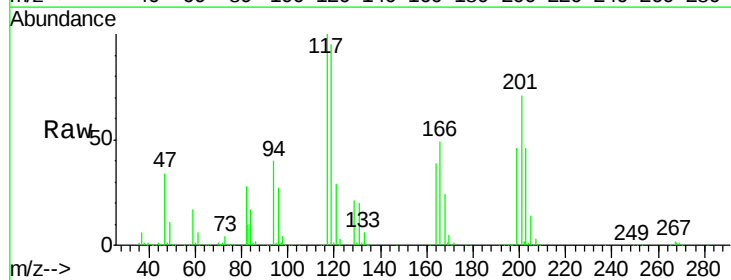
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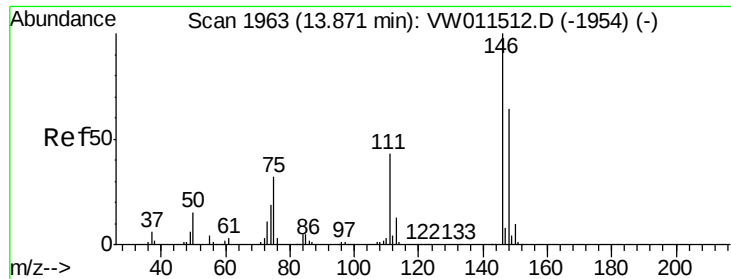
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#90
Hexachloroethane
Concen: 57.746 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	94525		
201	77.2		39.4	118.2





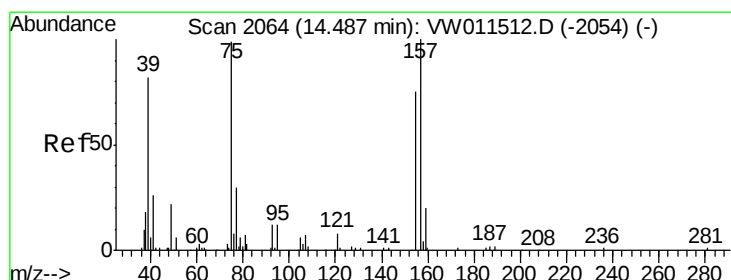
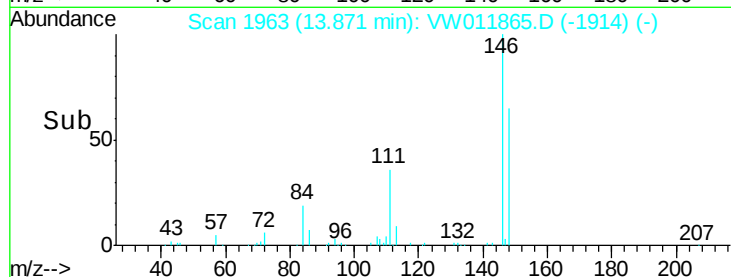
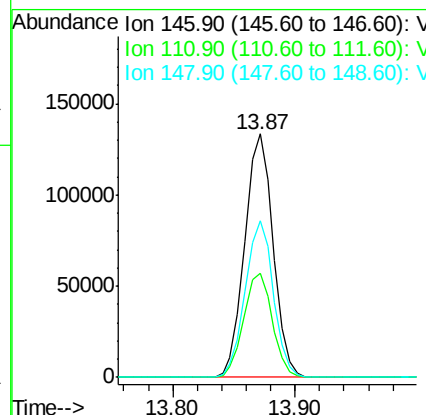
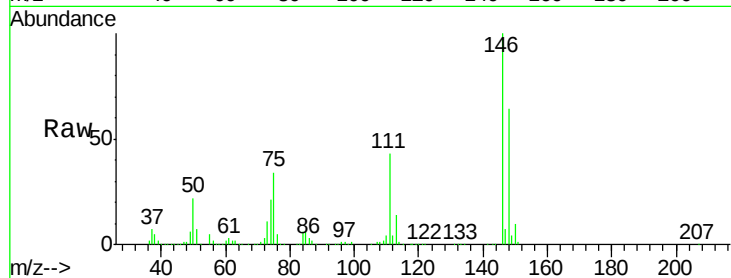
#91
 1,2-Dichlorobenzene
 Concen: 54.940 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214816		
111	43.0		21.6	65.0
148	63.5		32.0	96.2

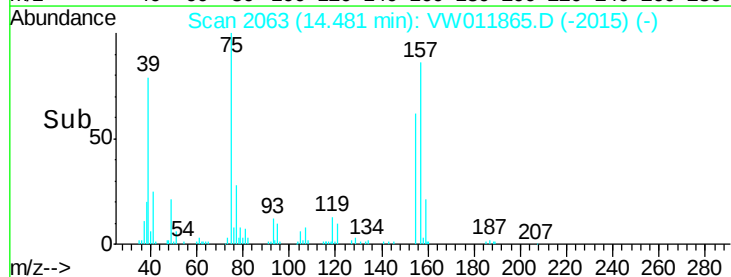
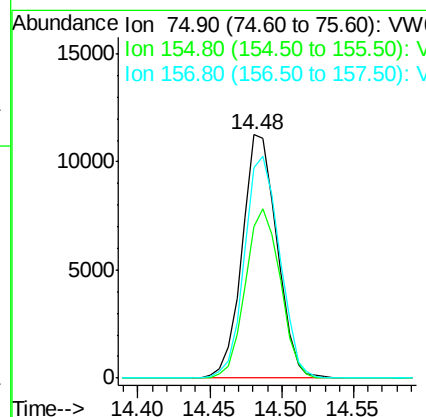
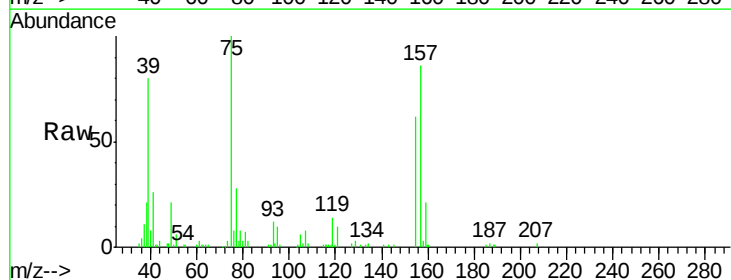
Manual Integrations
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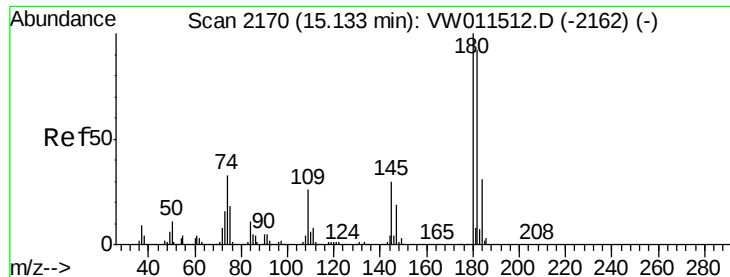
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 8/13/2019 2:36:25 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.731 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW011865.D
 Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18889		
155	69.3		38.2	114.6
157	91.7		48.9	146.7





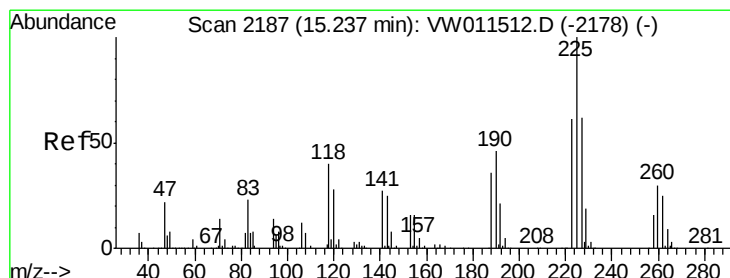
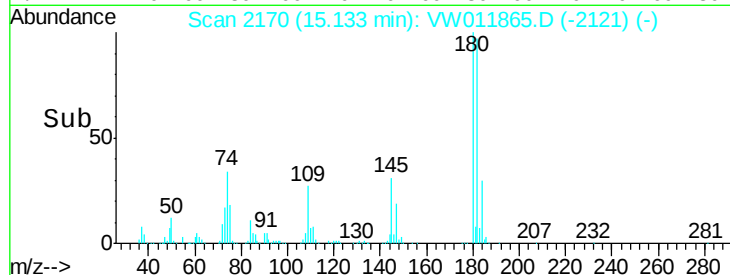
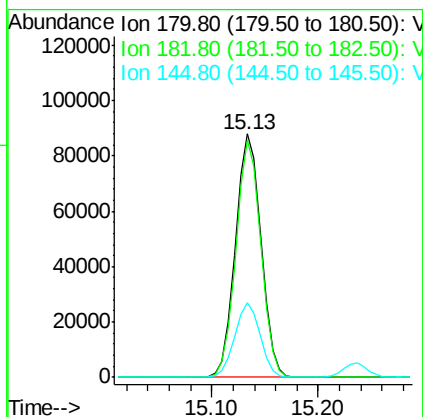
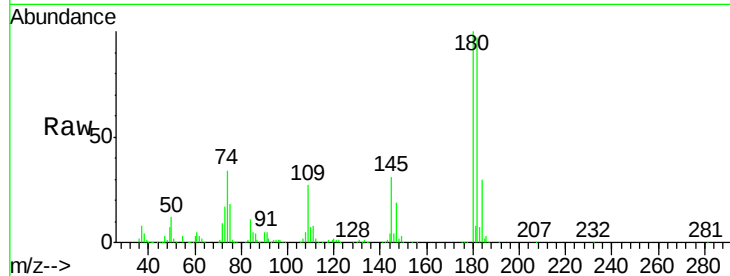
#93
1,2,4-Trichlorobenzene
Concen: 53.970 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	148721		
182	94.7	47.4	142.2	
145	30.4	15.4	46.1	

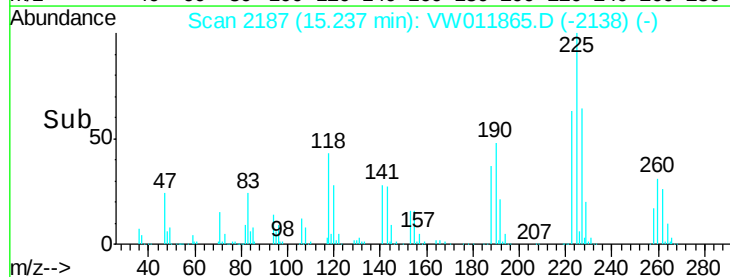
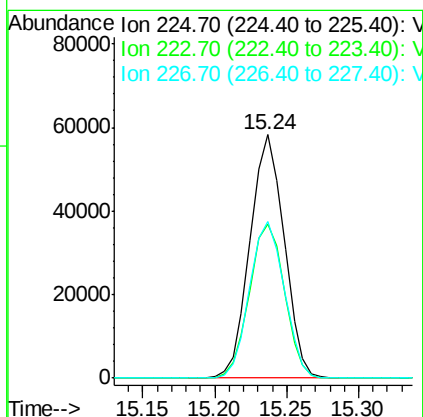
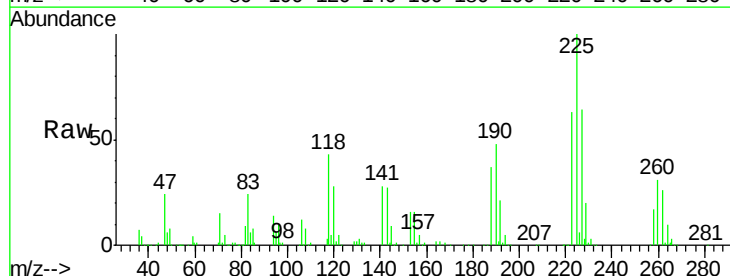
Manual Integrations
APPROVED

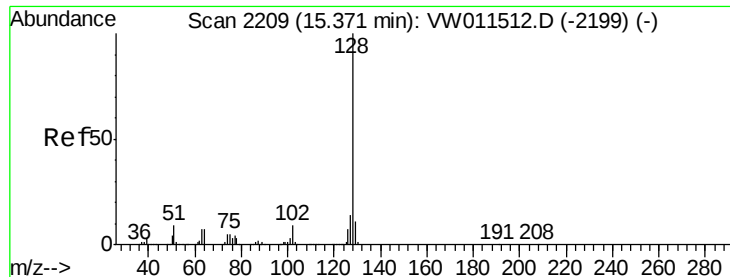
MMDadoda
8/13/2019 2:36:25 PM



#94
Hexachlorobutadiene
Concen: 55.653 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95638		
223	65.0	30.8	92.3	
227	65.2	31.6	94.7	





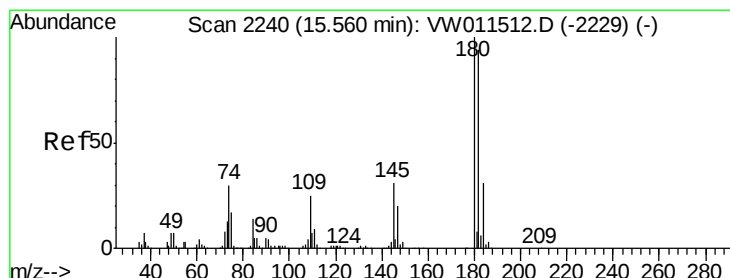
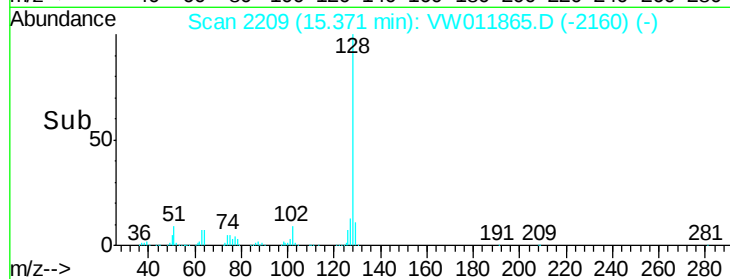
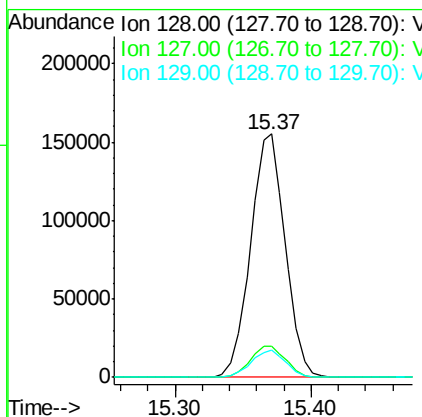
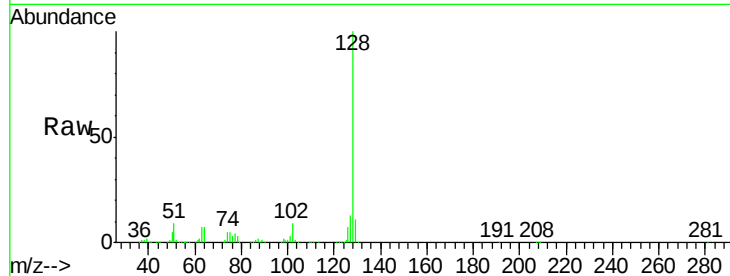
#95
Naphthalene
Concen: 51.147 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	276354		
127	13.3		10.6	16.0
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/13/2019 2:36:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.094 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW011865.D
Acq: 12 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130664		
182	96.3		47.4	142.2
145	33.0		15.9	47.7

