

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071119\
 Data File : VX010821.D
 Acq On : 11 Jul 2019 20:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 12:21:40 PM

Quant Time: Jul 12 08:19:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105421	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.49	113	98575	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	8.71	98	363099	41.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.98%	
62) 4-Bromofluorobenzene	11.13	95	140138	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82932	48.712	ug/l	97
3) Chloromethane	1.32	50	82077	41.402	ug/l	98
4) Vinyl Chloride	1.41	62	93396	43.012	ug/l	98
5) Bromomethane	1.64	94	32540	30.760	ug/l	98
6) Chloroethane	1.71	64	64005	49.962	ug/l	98
7) Trichlorofluoromethane	1.92	101	163414	47.475	ug/l	99
8) Diethyl Ether	2.19	74	57359	46.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93081	44.623	ug/l	99
10) Methyl Iodide	2.51	142	67239	22.587	ug/l	96
11) Tert butyl alcohol	3.06	59	118080	196.541	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93245	43.930	ug/l	96
13) Acrolein	2.29	56	66496	166.845	ug/l	99
14) Allyl chloride	2.73	41	136754	45.381	ug/l	97
15) Acrylonitrile	3.14	53	277459	233.257	ug/l	100
16) Acetone	2.45	43	224593	195.181	ug/l	97
17) Carbon Disulfide	2.57	76	225579	39.613	ug/l	100
18) Methyl Acetate	2.78	43	110729	48.282	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304739	45.637	ug/l	98
20) Methylene Chloride	2.85	84	107427	45.365	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	98172	43.004	ug/l	98
22) Diisopropyl ether	3.85	45	294117	46.682	ug/l	97
23) Vinyl Acetate	3.81	43	1291561	237.292	ug/l	98
24) 1,1-Dichloroethane	3.70	63	166472	45.710	ug/l	99
25) 2-Butanone	4.67	43	375482	222.453	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118629	37.497	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115159	43.653	ug/l	97
28) Bromochloromethane	5.01	49	75483	43.350	ug/l	93
29) Tetrahydrofuran	5.13	42	244970	234.307	ug/l	98
30) Chloroform	5.21	83	179533	45.817	ug/l	98
31) Cyclohexane	5.58	56	146822	44.271	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	155821	45.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127621	42.955	ug/l	99
37) Ethyl Acetate	4.83	43	141624	46.336	ug/l	99
38) Carbon Tetrachloride	5.79	117	134863	41.919	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161411	41.331	ug/l	99
40) Benzene	6.14	78	406493	43.916	ug/l	100
41) Methacrylonitrile	5.04	41	77178	46.021	ug/l	98
42) 1,2-Dichloroethane	6.19	62	137564	48.823	ug/l	97
43) Isopropyl Acetate	6.45	43	229236	45.331	ug/l	98
44) Trichloroethene	7.21	130	118129	42.651	ug/l	98
45) 1,2-Dichloropropane	7.51	63	102017	43.645	ug/l	99
46) Dibromomethane	7.66	93	74582	44.472	ug/l	97
47) Bromodichloromethane	7.90	83	133208	43.342	ug/l	99
48) Methyl methacrylate	7.77	41	109728	46.682	ug/l	97
49) 1,4-Dioxane	7.74	88	59857	883.991	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	770331	238.183	ug/l	97
52) Toluene	8.78	92	266139	43.661	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142768	41.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159281	42.537	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	110084	43.790	ug/l	97
56) Ethyl methacrylate	9.18	69	173392	45.531	ug/l	95
57) 1,3-Dichloropropane	9.37	76	176159	45.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	365588	202.133	ug/l	99
59) 2-Hexanone	9.49	43	585047	229.843	ug/l	97
60) Dibromochloromethane	9.58	129	117276	41.665	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120235	44.310	ug/l	99
64) Tetrachloroethene	9.34	164	110658	39.415	ug/l	98
65) Chlorobenzene	10.14	112	300772	42.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109476	42.649	ug/l	100
67) Ethyl Benzene	10.25	91	518228	43.560	ug/l	99
68) m/p-Xylenes	10.36	106	401867	87.177	ug/l	99
69) o-Xylene	10.69	106	195586	43.145	ug/l	99
70) Styrene	10.71	104	336156	44.217	ug/l	98
71) Bromoform	10.85	173	89558	40.120	ug/l #	99
73) Isopropylbenzene	11.02	105	518143	42.778	ug/l	99
74) N-amyl acetate	10.90	43	210226	45.926	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	174101	43.403	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142294m	43.702	ug/l	
77) Bromobenzene	11.26	156	142371	42.095	ug/l	98
78) n-propylbenzene	11.36	91	589694	44.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	344089	43.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	442975	44.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43687	31.301	ug/l	88
82) 4-Chlorotoluene	11.51	91	401309	44.491	ug/l	100
83) tert-Butylbenzene	11.77	119	433640	43.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	441654	44.025	ug/l	99
85) sec-Butylbenzene	11.94	105	518520	44.065	ug/l	99
86) p-Isopropyltoluene	12.06	119	476115	43.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	251218	42.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246825	41.067	ug/l	99
89) n-Butylbenzene	12.38	91	410058	44.336	ug/l	99
90) Hexachloroethane	12.60	117	68796	36.554	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	246192	41.958	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35633	41.201	ug/l	92

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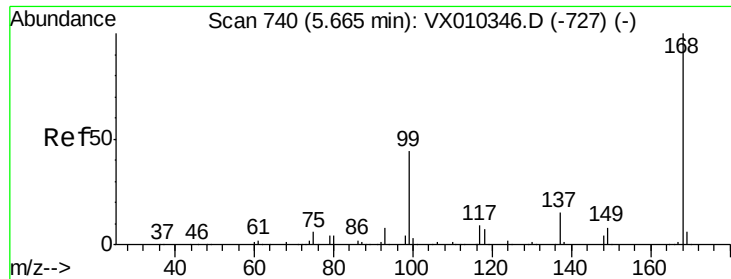
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170895	41.999	ug/l	99
94) Hexachlorobutadiene	13.78	225	80912	40.686	ug/l	99
95) Naphthalene	13.83	128	531424	42.499	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	173615	42.914	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 244882

Ion Ratio Lower Upper

168 100

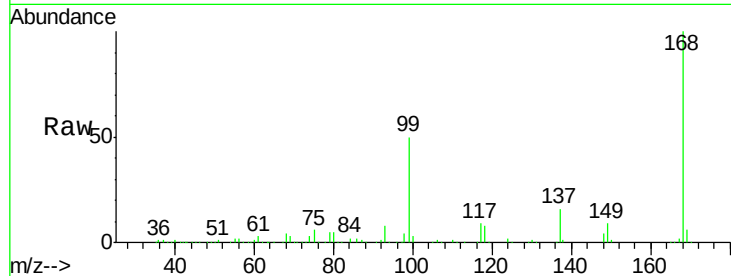
99 50.1 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

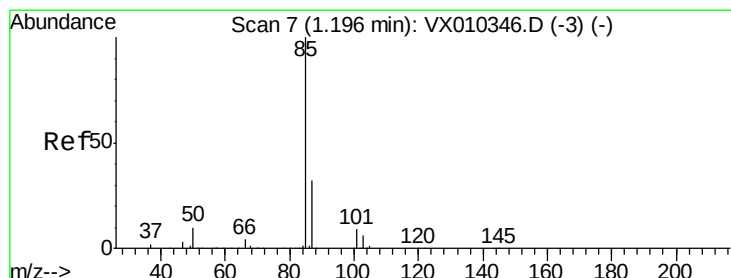
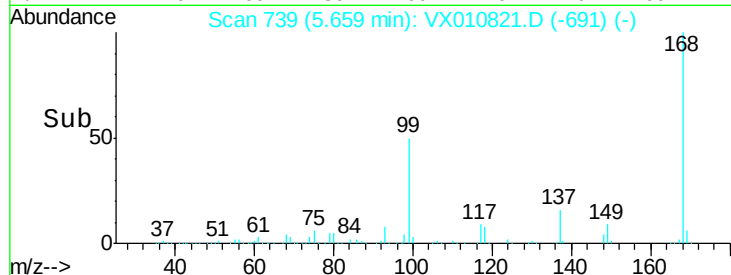
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.712 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010821.D

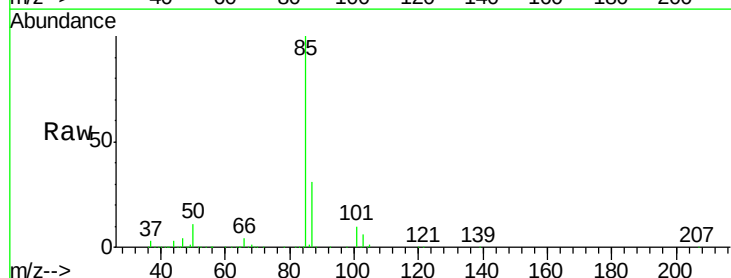
Acq: 11 Jul 2019 20:40

Tgt Ion: 85 Resp: 82932

Ion Ratio Lower Upper

85 100

87 30.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

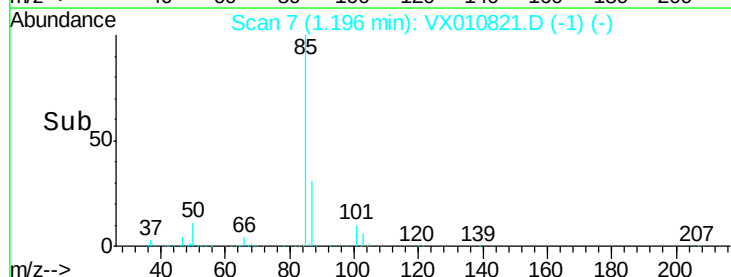
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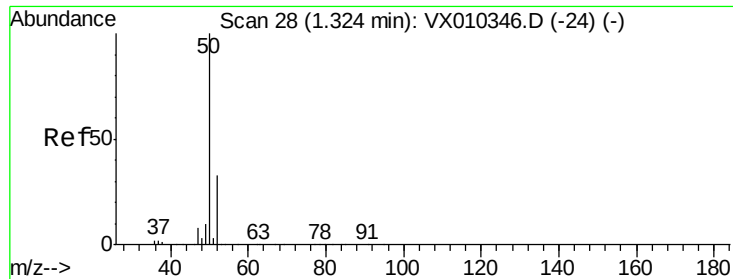
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.402 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 82077

Ion Ratio Lower Upper

50 100

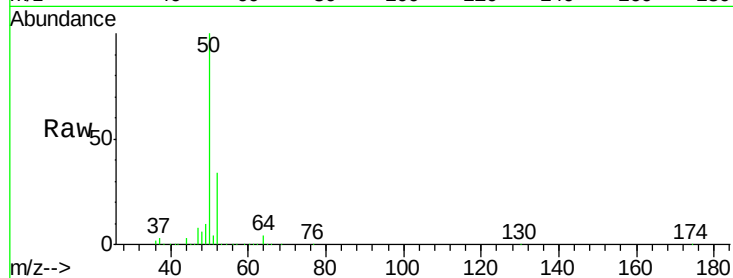
52 34.0 26.5 39.7

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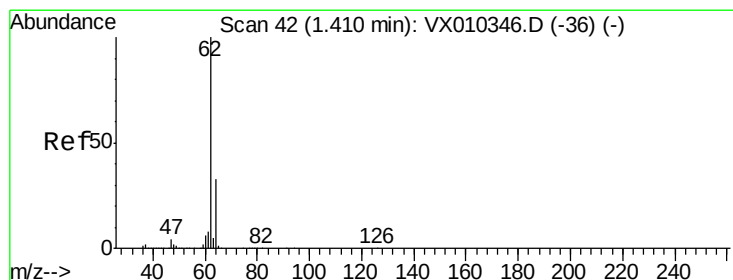
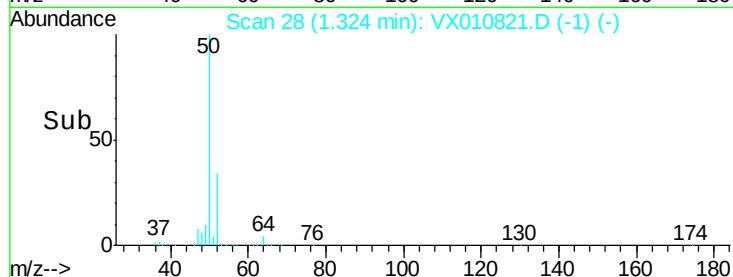
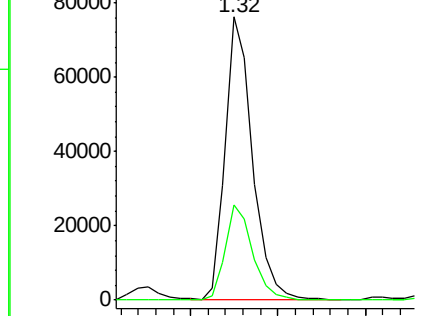
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.012 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010821.D

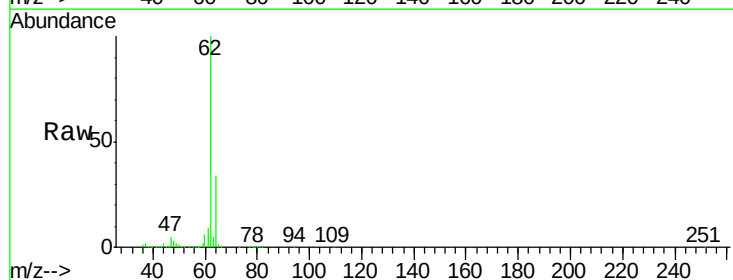
Acq: 11 Jul 2019 20:40

Tgt Ion: 62 Resp: 93396

Ion Ratio Lower Upper

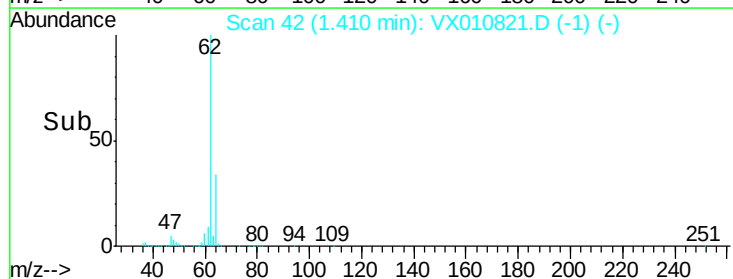
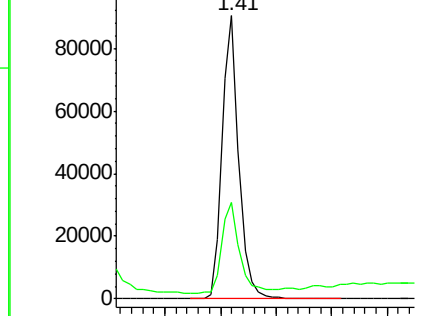
62 100

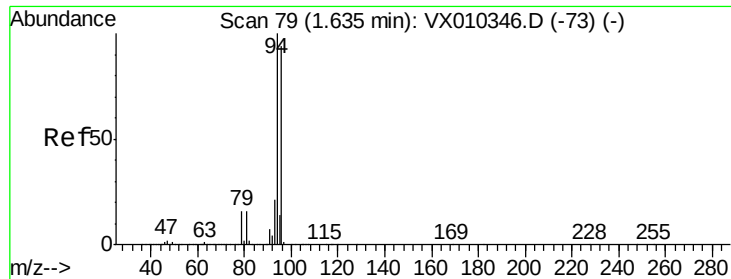
64 31.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 30.760 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 32540

Ion Ratio Lower Upper

94 100

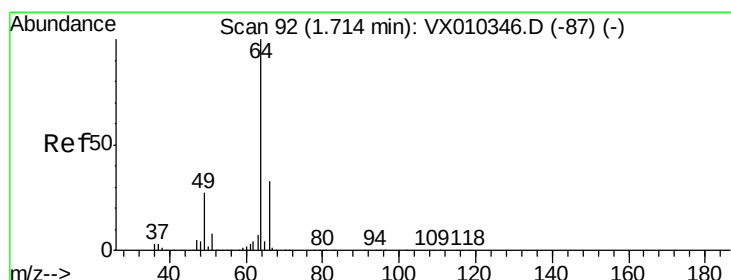
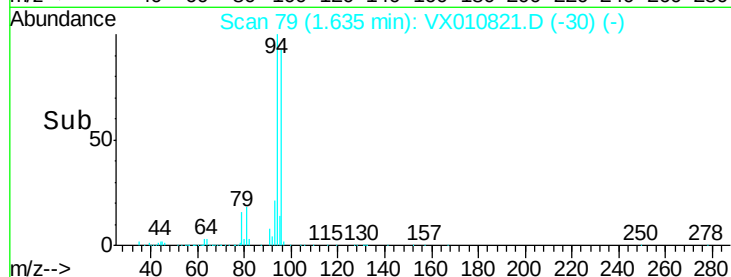
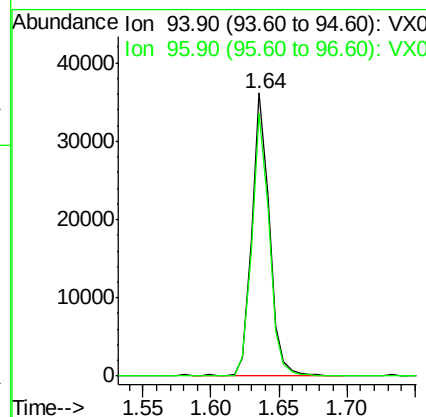
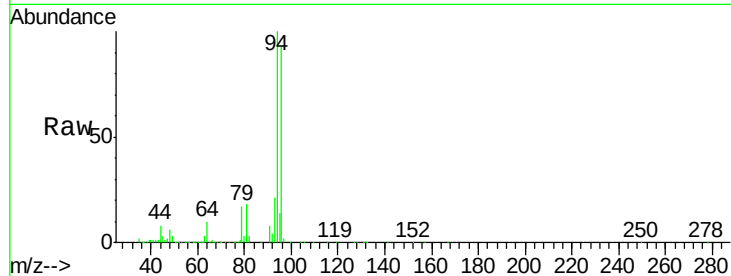
96 92.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 49.962 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010821.D

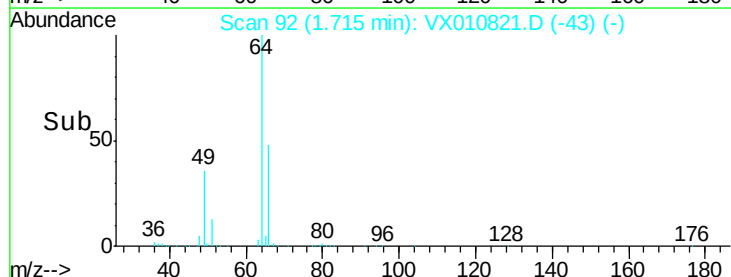
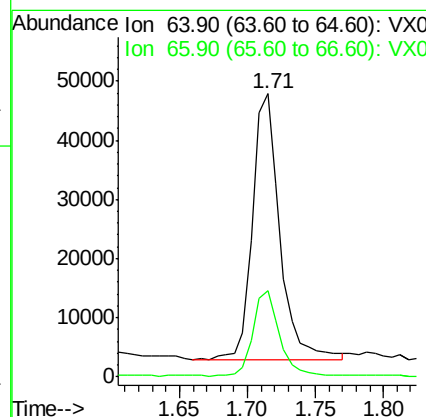
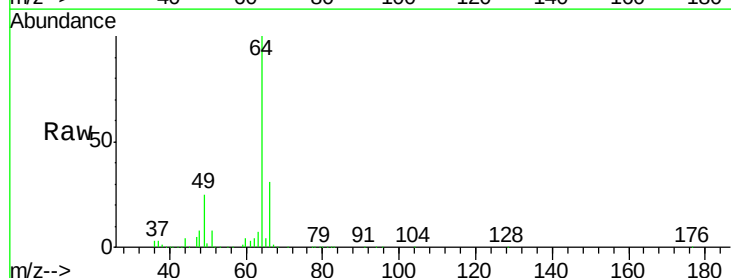
Acq: 11 Jul 2019 20:40

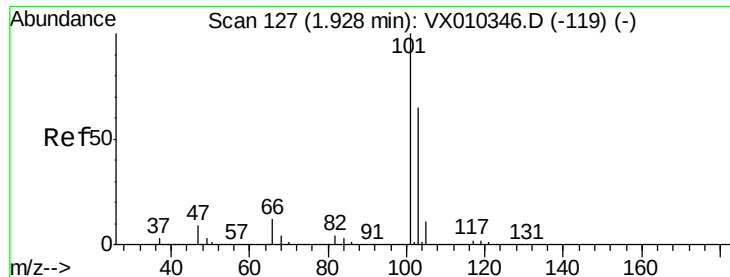
Tgt Ion: 64 Resp: 64005

Ion Ratio Lower Upper

64 100

66 32.2 26.6 40.0





#7

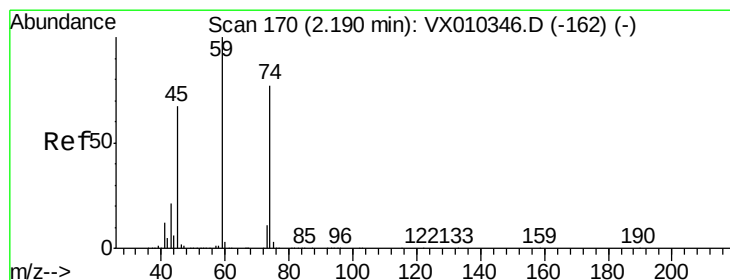
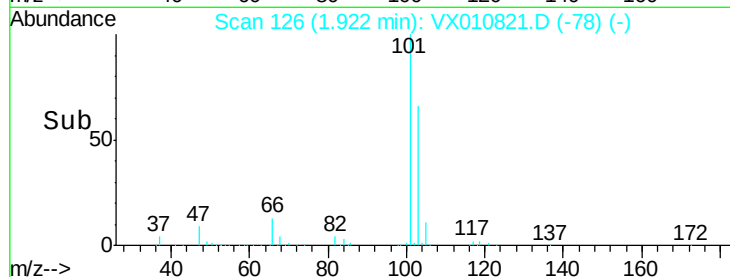
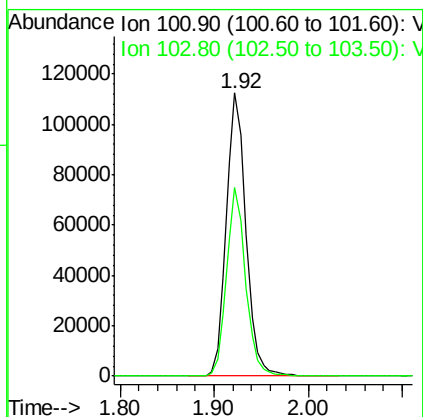
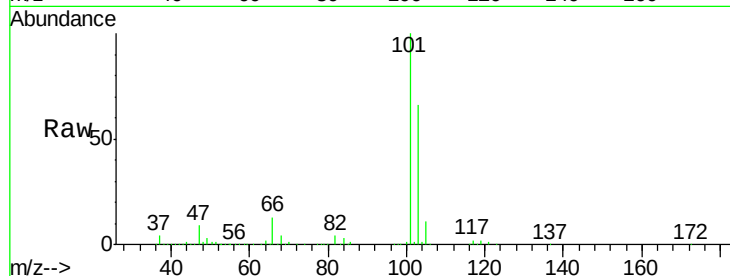
Trichlorofluoromethane
Concen: 47.475 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

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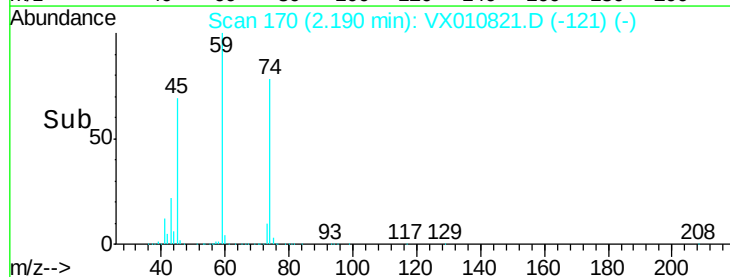
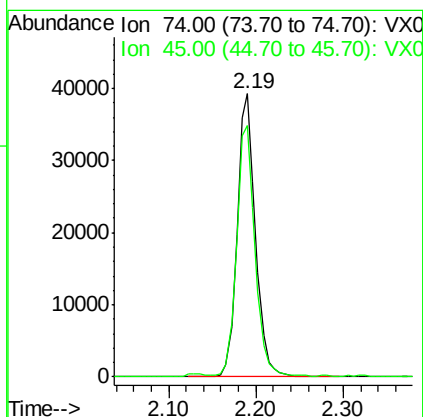
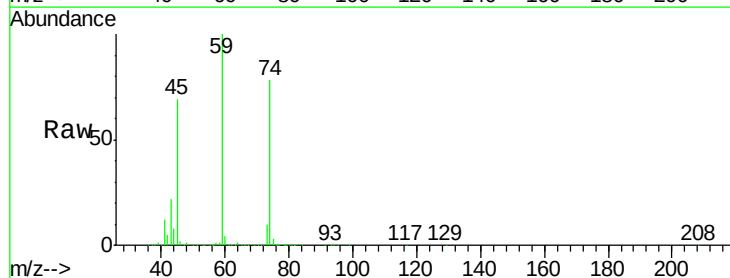
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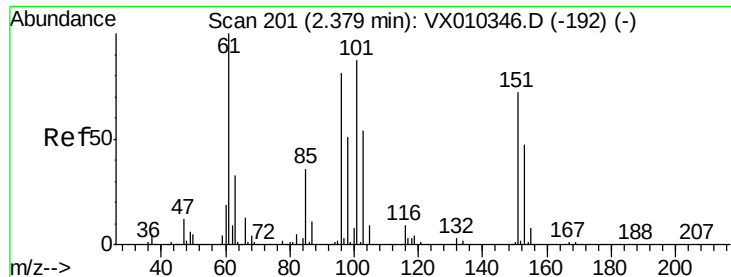


#8

Diethyl Ether
Concen: 46.467 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.623 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 93081

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

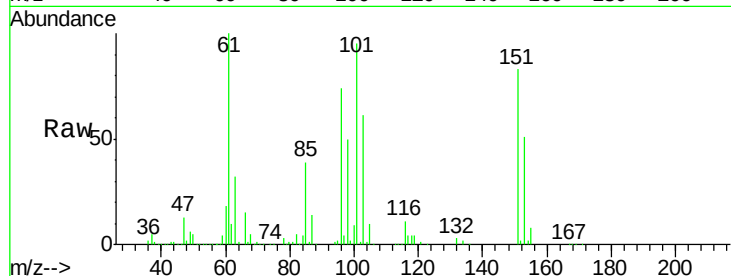
151 85.7 70.1 105.1

Manual Integrations

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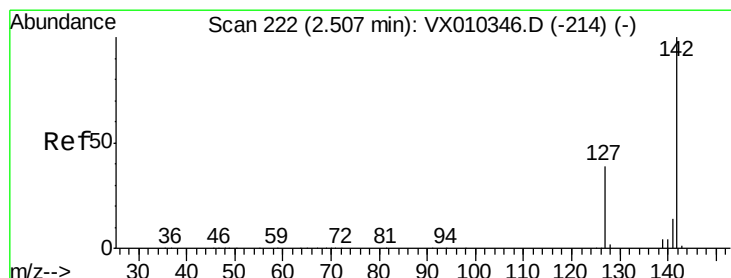
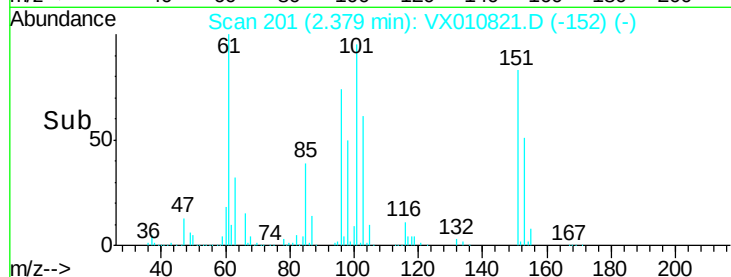
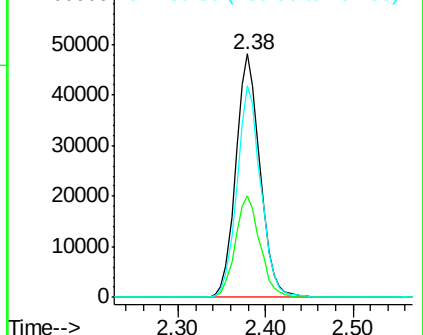
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.587 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

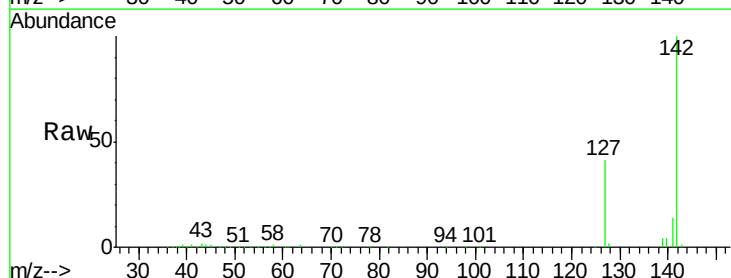
Tgt Ion:142 Resp: 67239

Ion Ratio Lower Upper

142 100

127 41.7 31.1 46.7

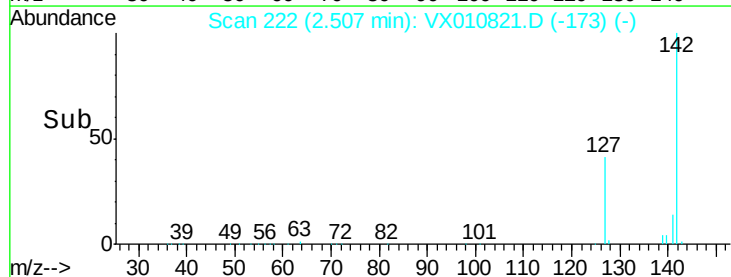
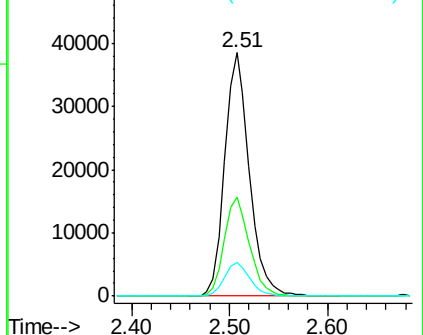
141 14.6 11.2 16.8

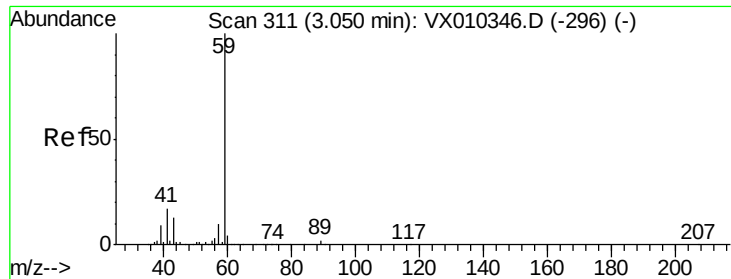


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

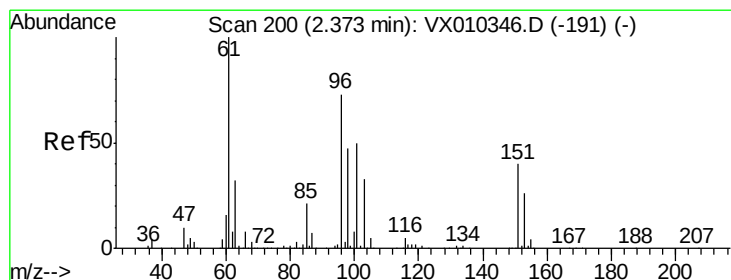
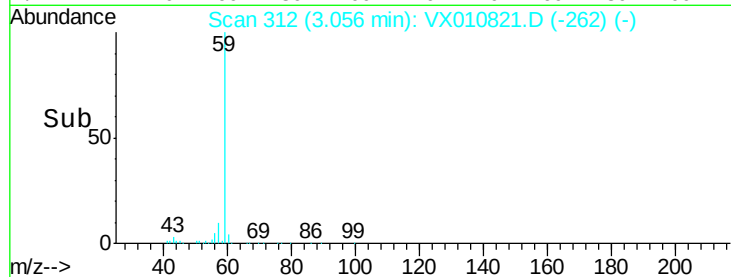
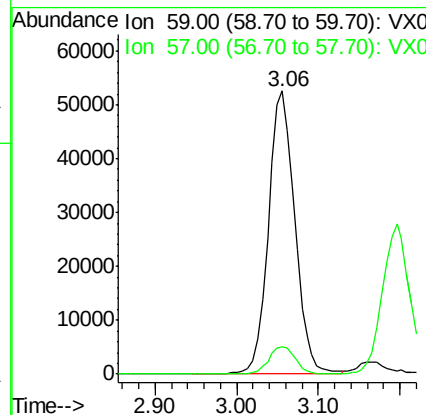
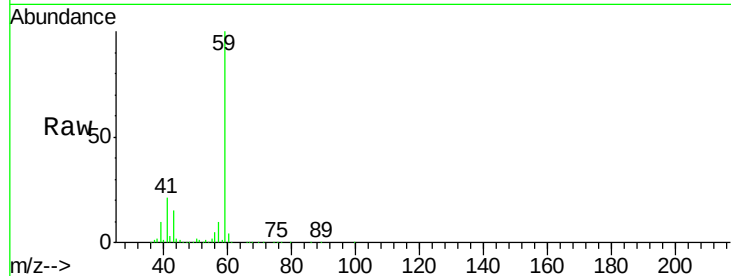
Tert butyl alcohol
Concen: 196.541 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.1	Resp	Lower	Upper
118080								
							7.7	11.5

Manual Integrations
APPROVED

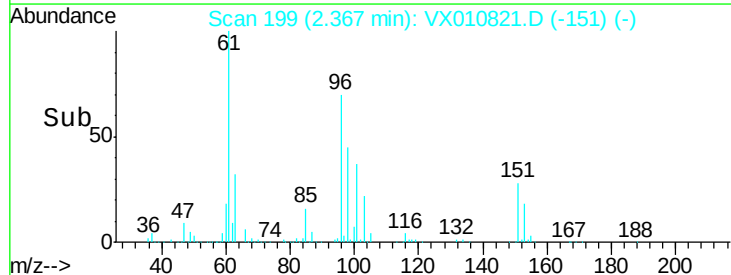
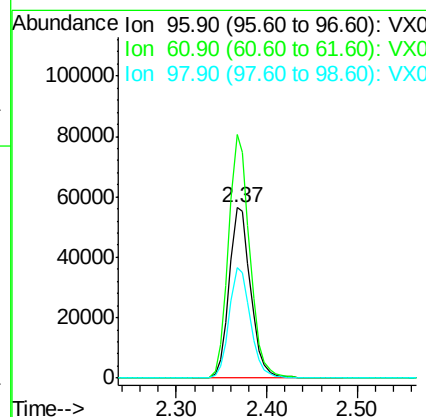
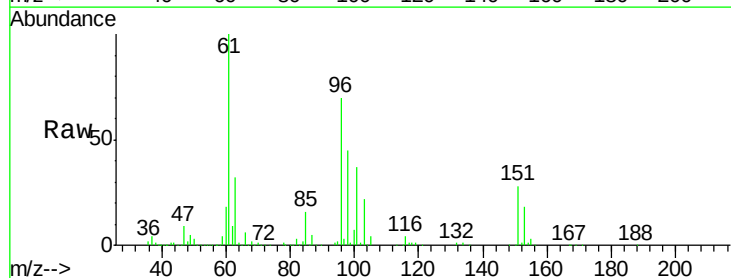
MMDadoda
7/12/2019 12:21:40 PM

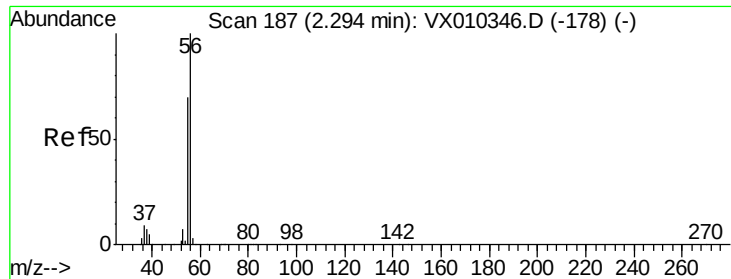


#12

1,1-Dichloroethene
Concen: 43.930 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	96	61	98	Ratio	100	142.9	64.8	Resp	Lower	Upper
93245										
									109.2	163.8
									51.1	76.7





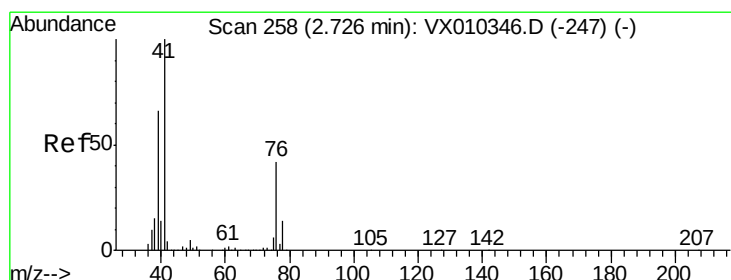
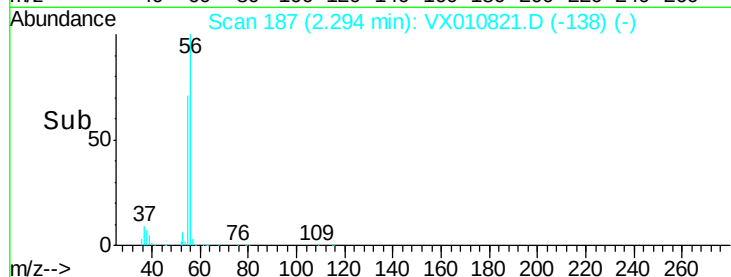
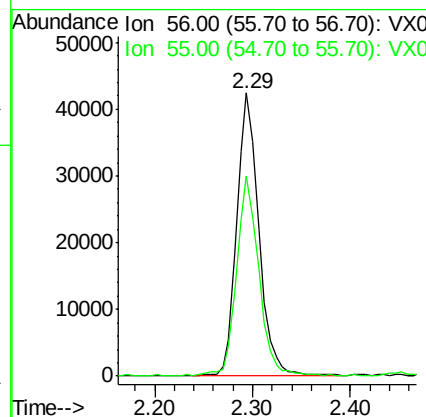
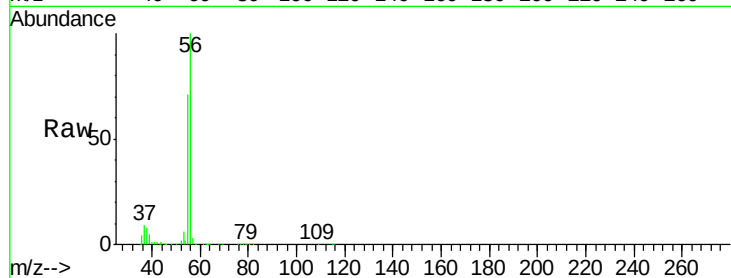
#13
Acrolein
Concen: 166.845 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.9	85.3

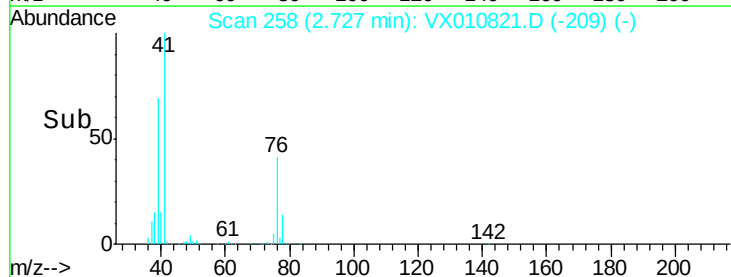
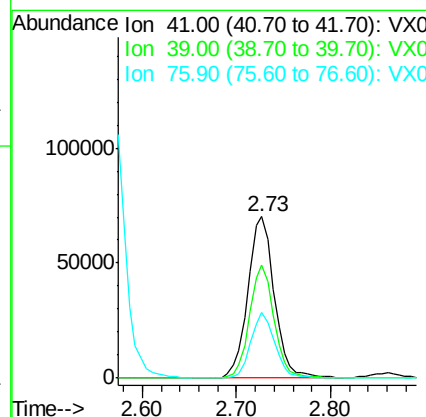
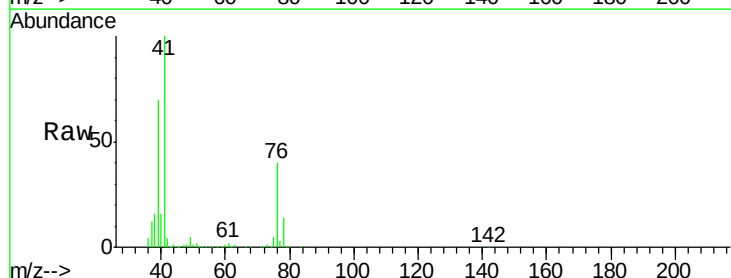
Manual Integrations
APPROVED

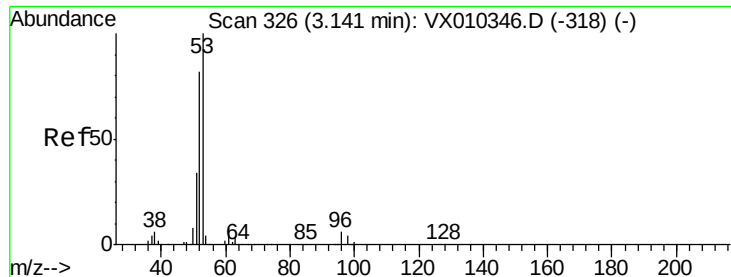
MMDadoda
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#14
Allyl chloride
Concen: 45.381 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.6	50.3	75.5
76	36.8	31.3	46.9





#15

Acrylonitrile

Concen: 233.257 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

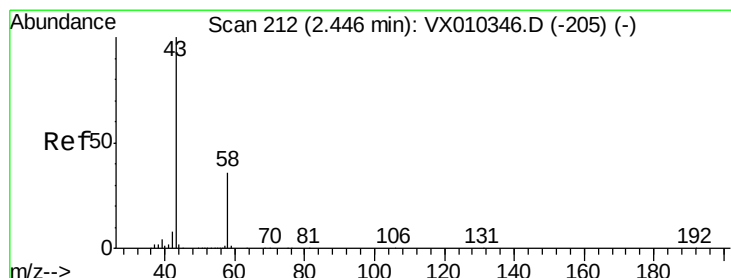
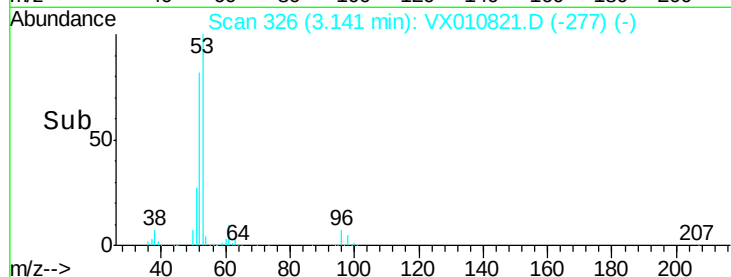
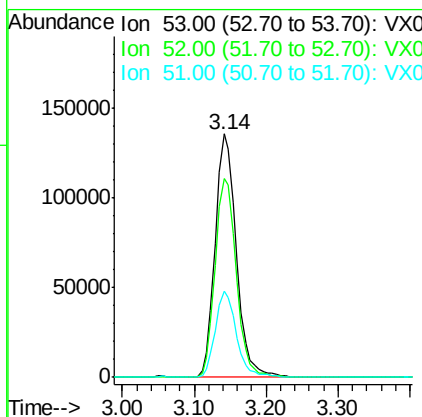
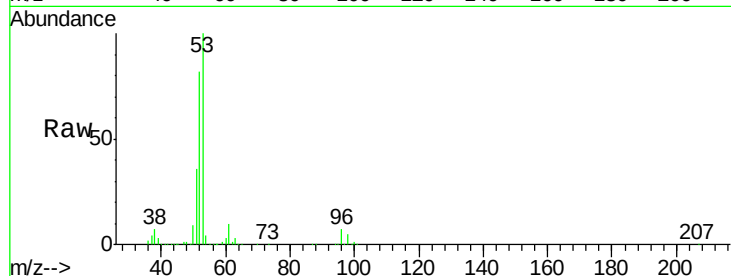
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	277459
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.5	98.3
51	35.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 195.181 ug/l

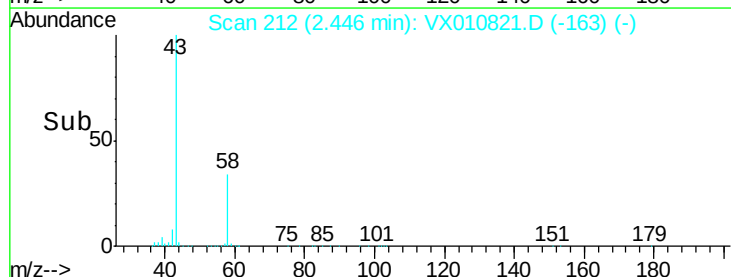
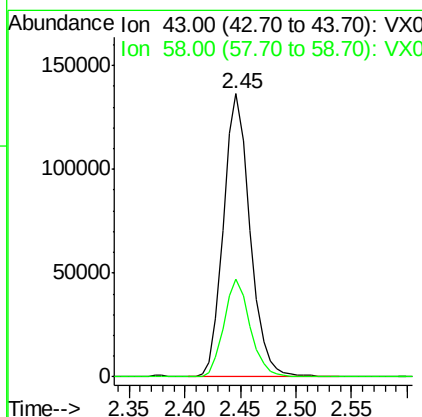
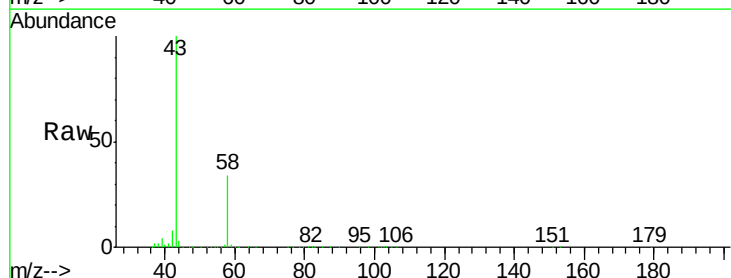
RT: 2.45 min Scan# 212

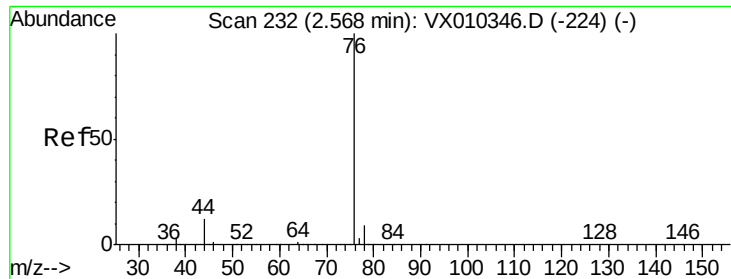
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	43	Resp:	224593
Ion	Ratio	Lower	Upper
43	100		
58	34.4	28.9	43.3





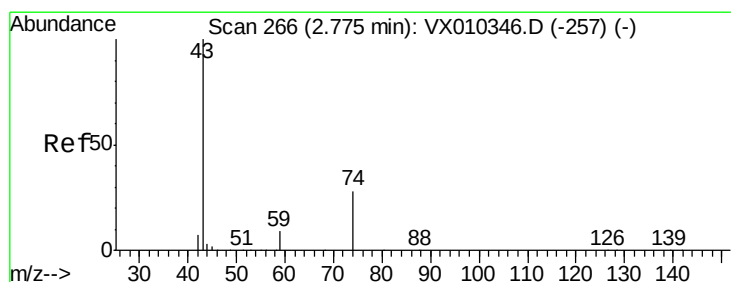
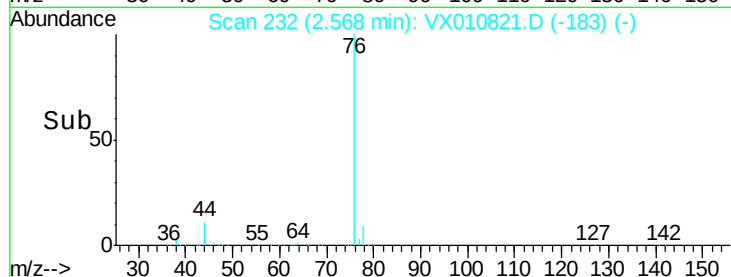
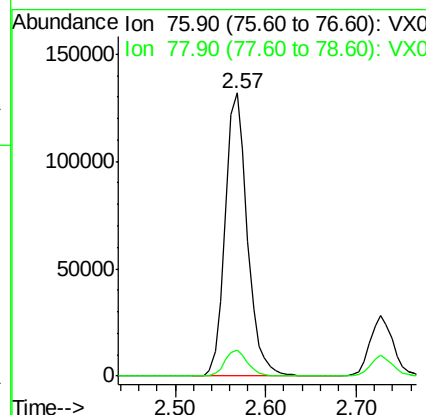
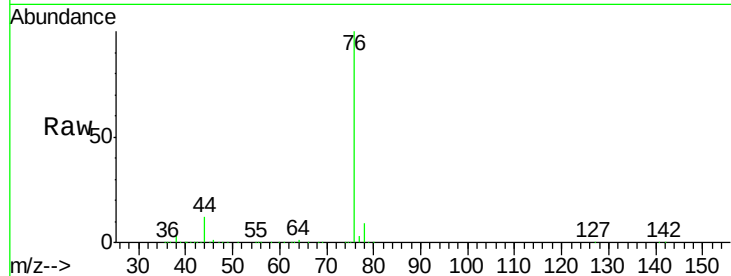
#17
Carbon Disulfide
Concen: 39.613 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

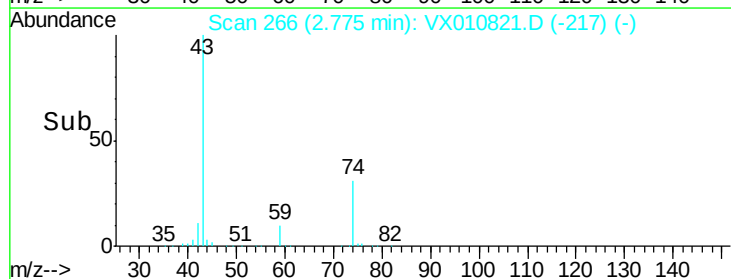
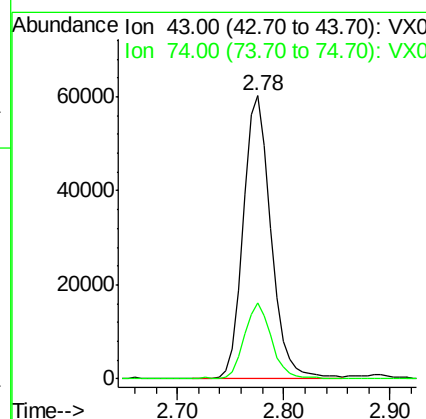
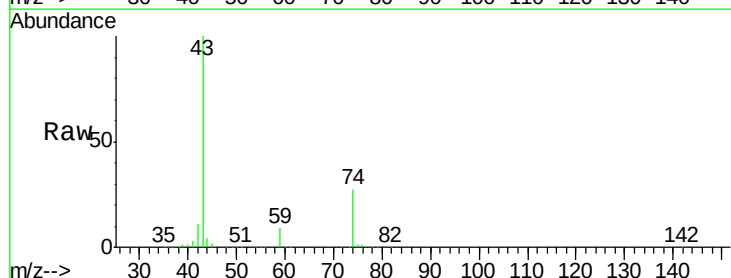
Manual Integrations
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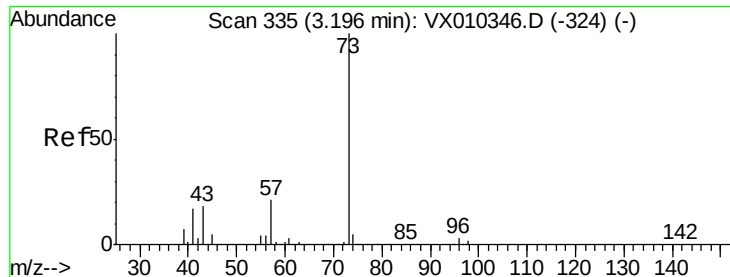
MMDadoda
7/12/2019 12:21:40 PM



#18
Methyl Acetate
Concen: 48.282 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.3	31.9





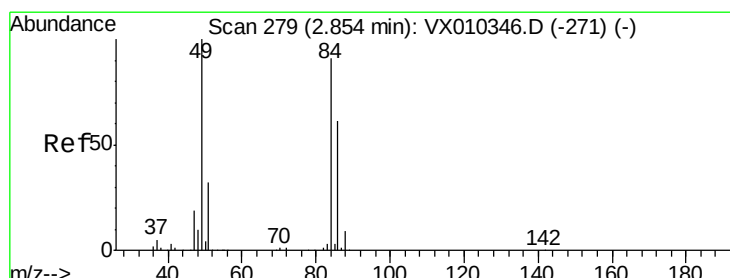
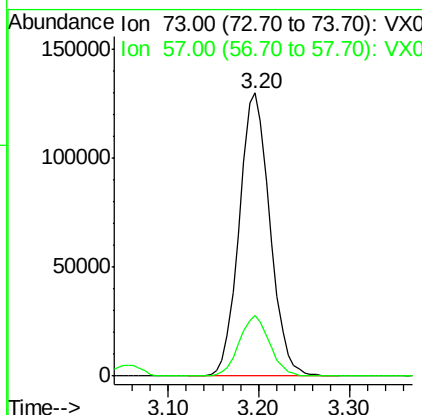
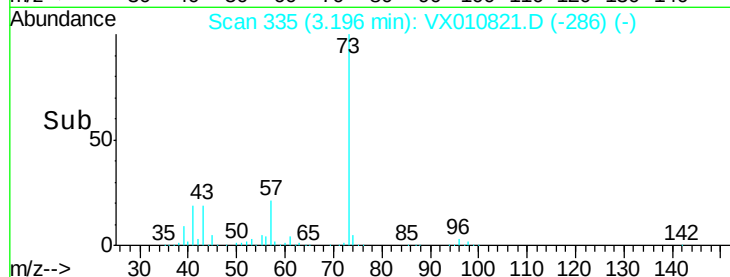
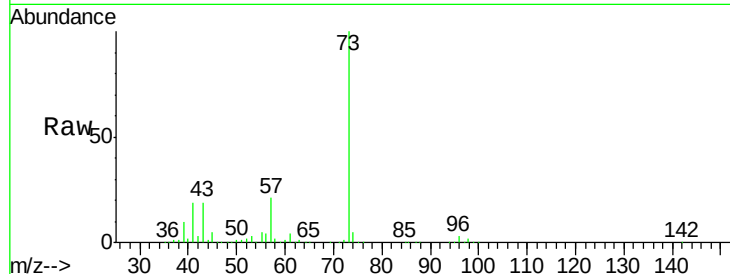
#19
Methyl tert-butyl Ether
Concen: 45.637 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.4	24.6

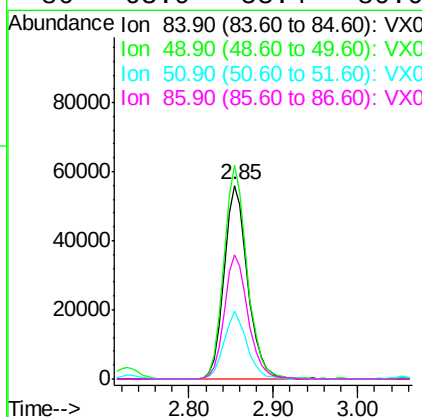
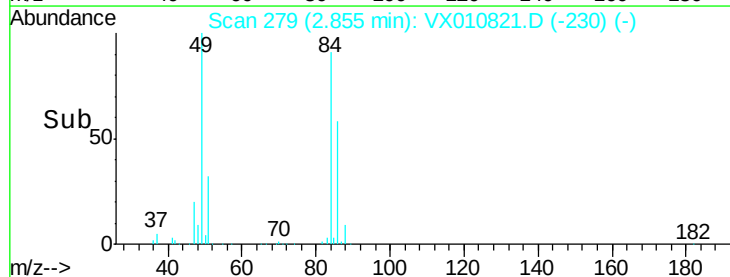
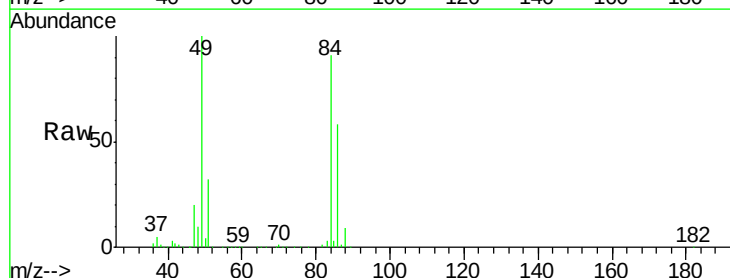
Manual Integrations
APPROVED

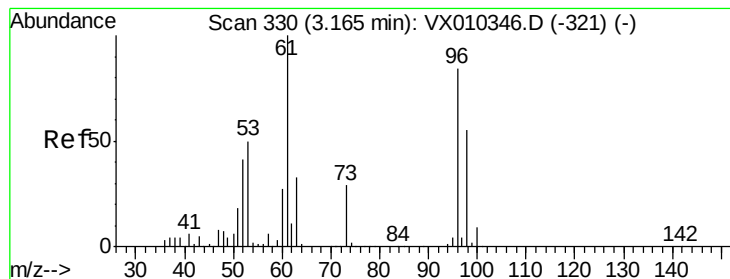
MMDadoda
7/12/2019 12:21:40 PM



#20
Methylene Chloride
Concen: 45.365 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.0	87.5	131.3
51	34.7	27.7	41.5
86	63.9	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 43.004 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 98172

Ion Ratio Lower Upper

96 100

61 121.3 95.6 143.4

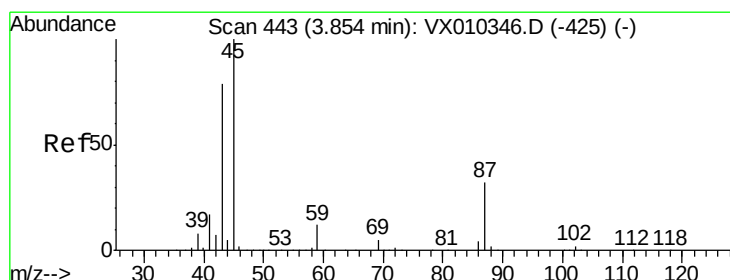
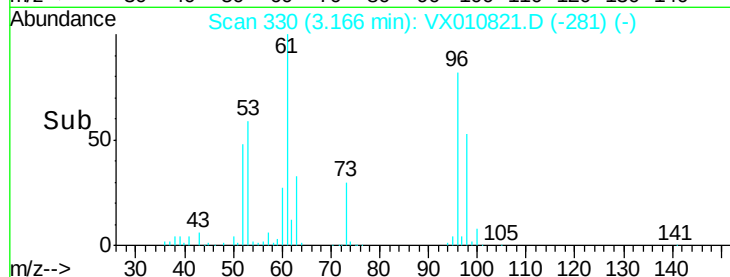
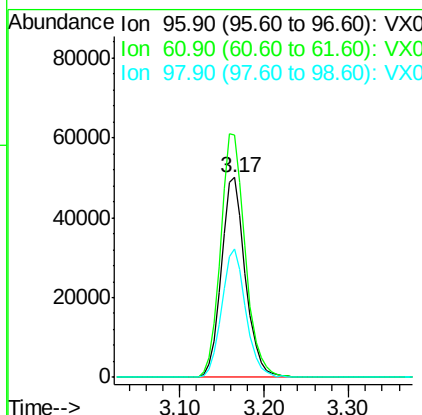
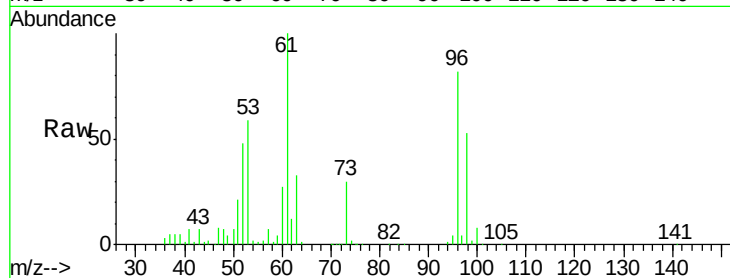
98 64.3 52.5 78.7

Manual Integrations

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7/12/2019 12:21:40 PM



#22

Diisopropyl ether

Concen: 46.682 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion: 45 Resp: 294117

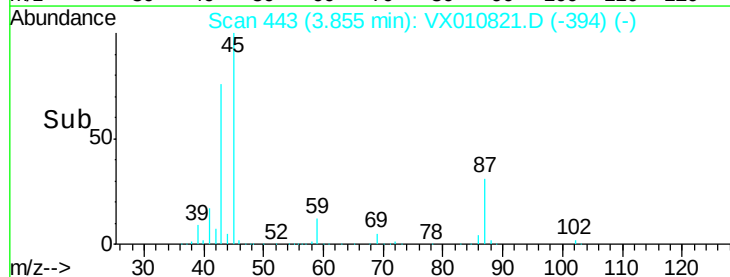
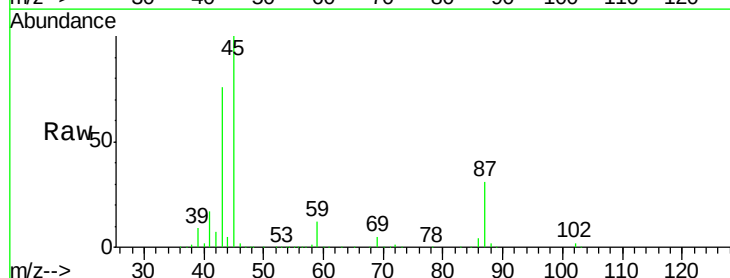
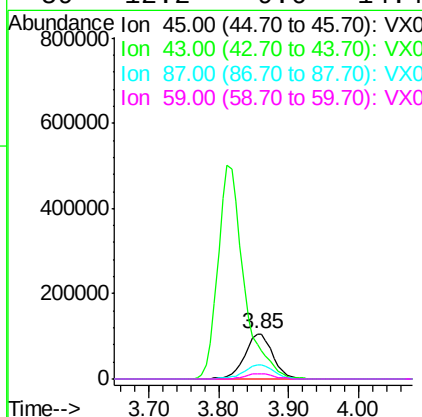
Ion Ratio Lower Upper

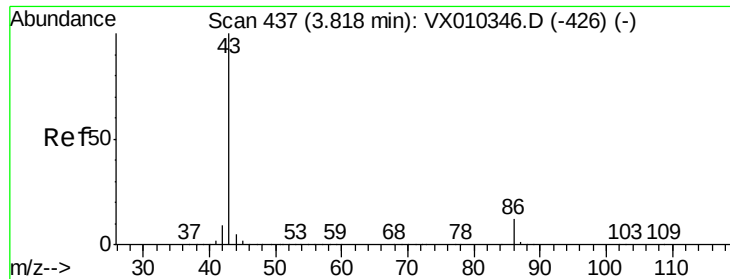
45 100

43 76.3 63.3 94.9

87 31.3 25.8 38.8

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 237.292 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1291561

Ion Ratio Lower Upper

43 100

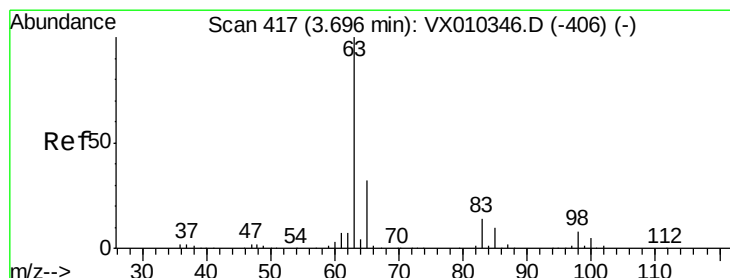
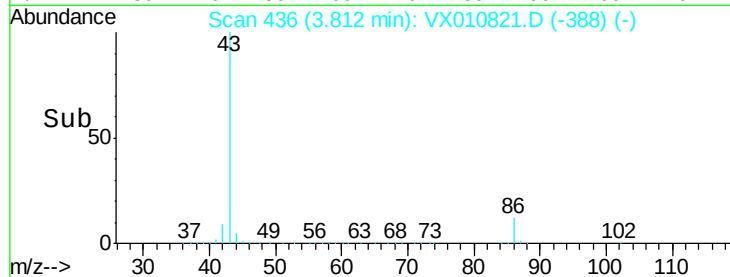
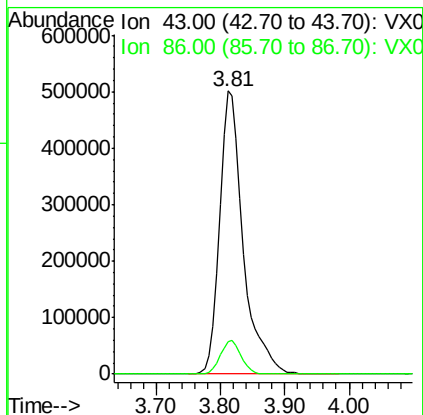
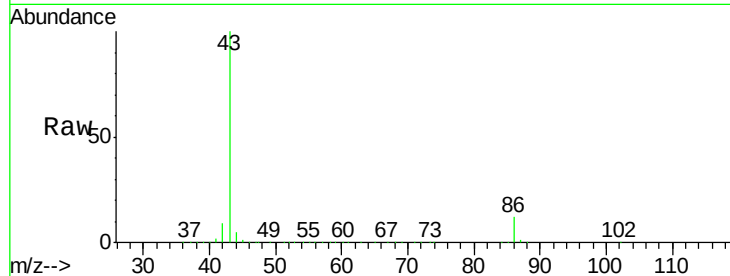
86 11.7 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 45.710 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

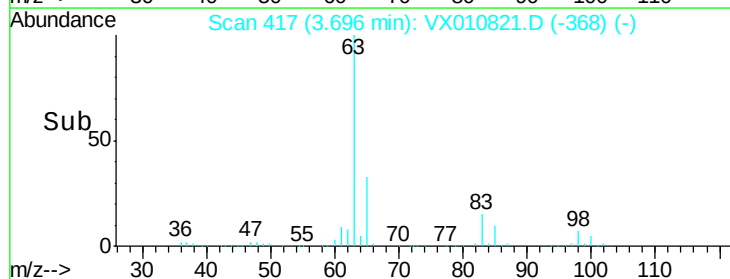
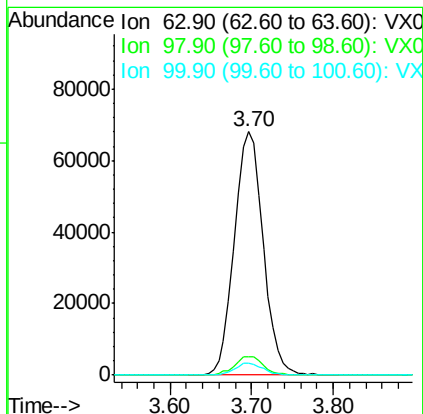
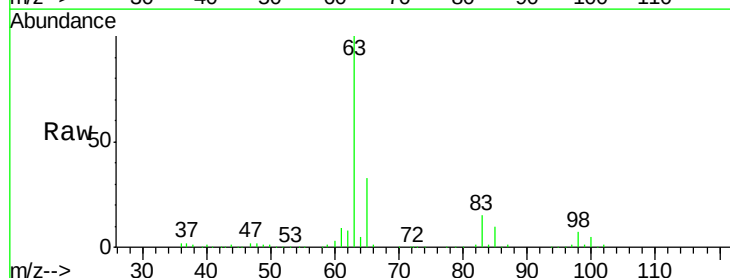
Tgt Ion: 63 Resp: 166472

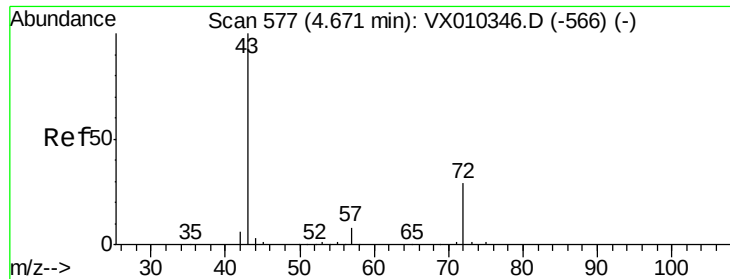
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 222.453 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 375482

Ion Ratio Lower Upper

43 100

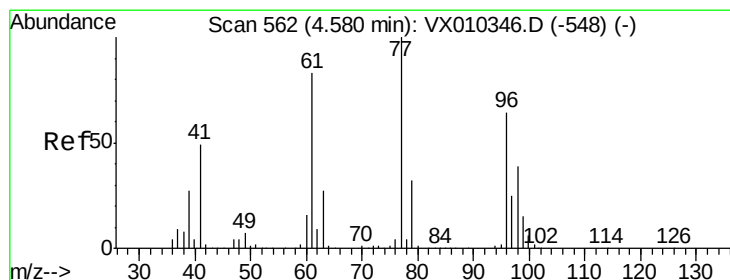
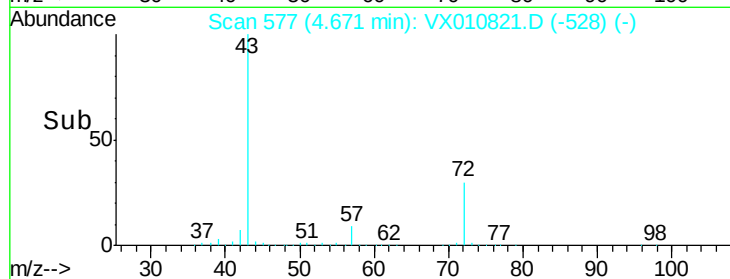
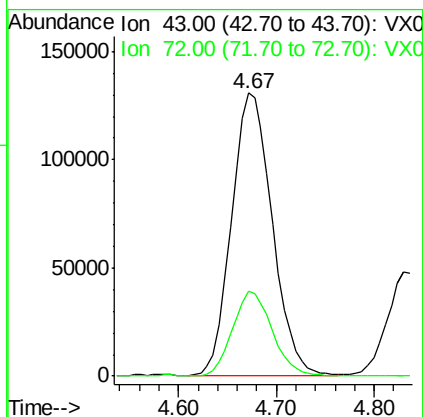
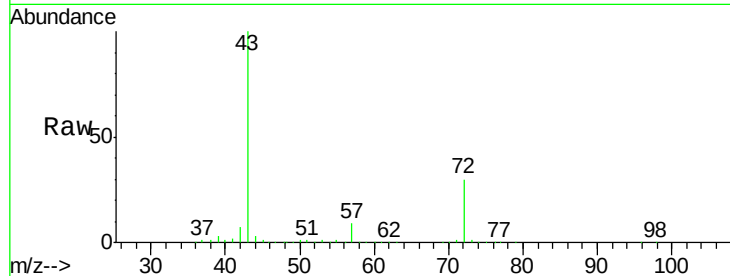
72 29.7 23.3 34.9

Manual Integrations

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7/12/2019 12:21:40 PM



#26

2,2-Dichloropropane

Concen: 37.497 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010821.D

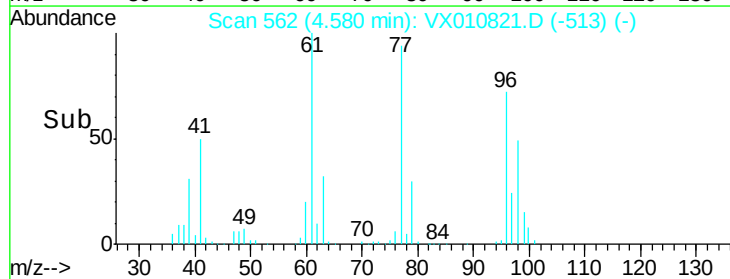
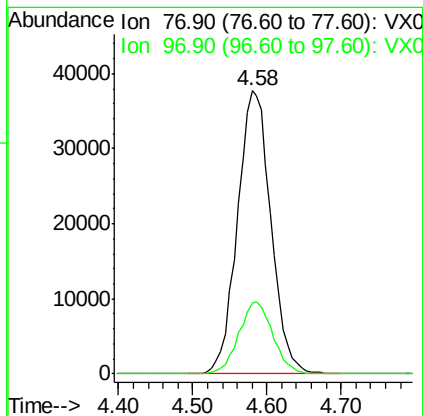
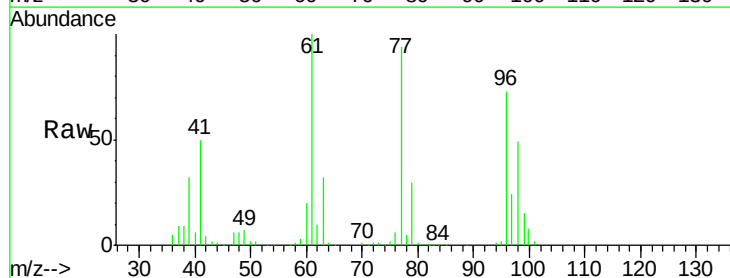
Acq: 11 Jul 2019 20:40

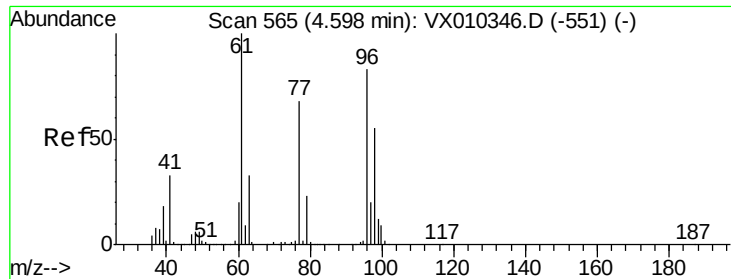
Tgt Ion: 77 Resp: 118629

Ion Ratio Lower Upper

77 100

97 25.9 13.1 39.3





#27

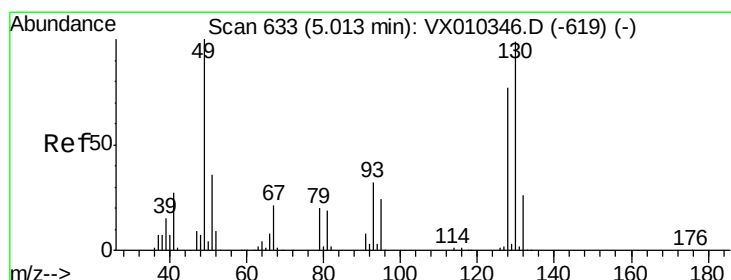
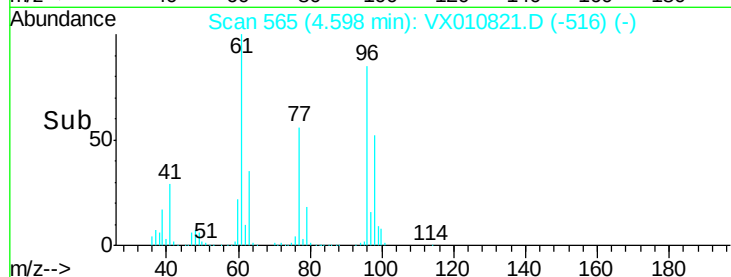
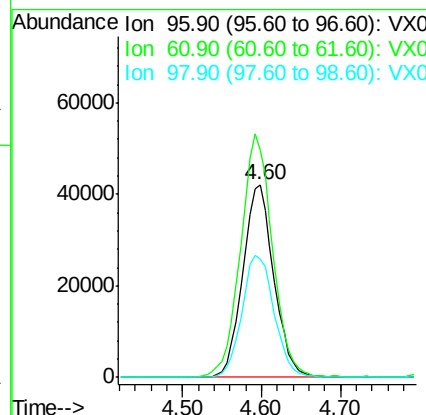
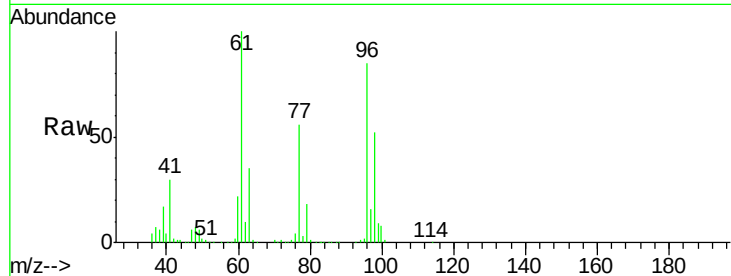
cis-1,2-Dichloroethene
Concen: 43.653 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115159		
61	130.0	0.0	251.8	
98	65.9	0.0	129.4	

Manual Integrations
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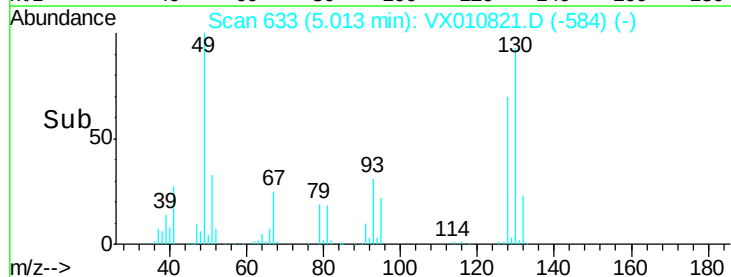
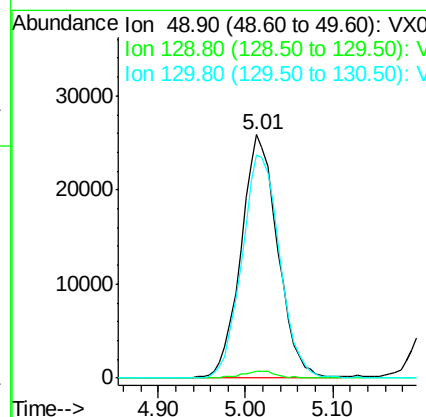
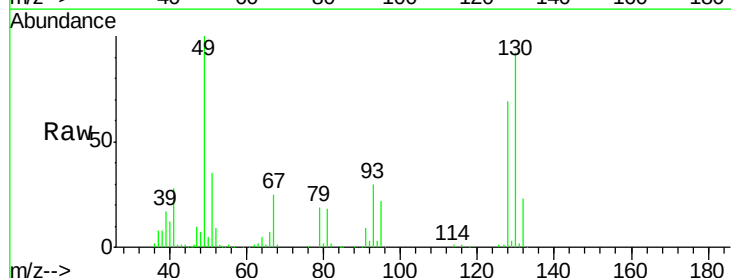
MMDadoda
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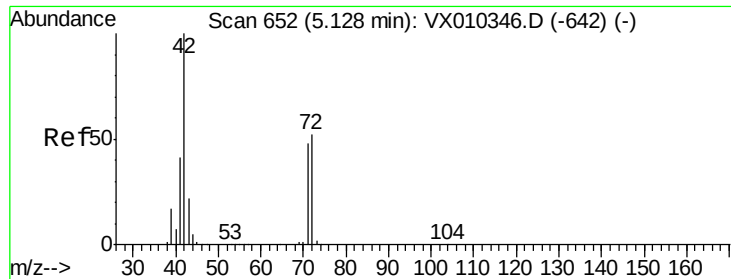


#28

Bromochloromethane
Concen: 43.350 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75483		
129	2.6	0.0	5.6	
130	94.9	81.4	122.0	





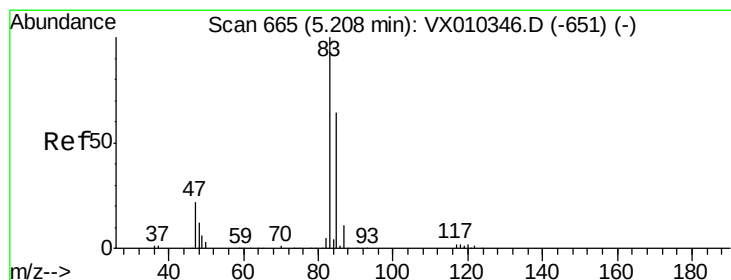
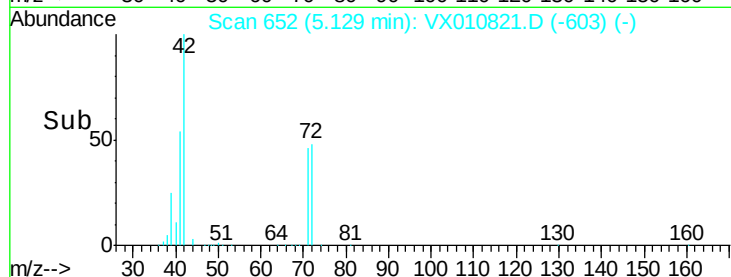
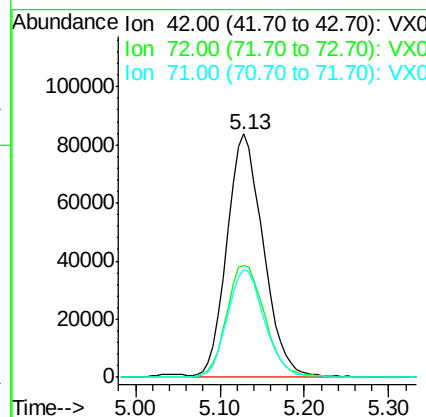
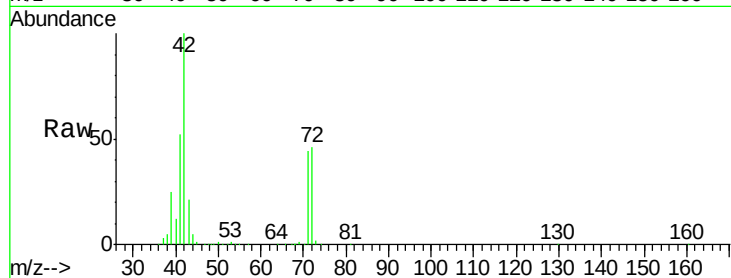
#29
Tetrahydrofuran
Concen: 234.307 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.2	40.6	60.8
71	45.5	37.8	56.8

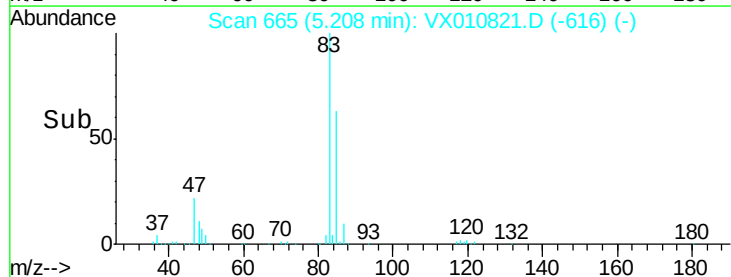
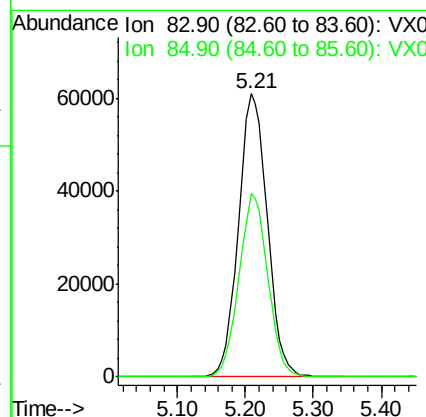
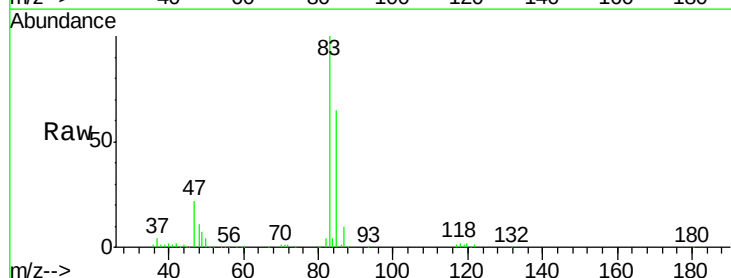
Manual Integrations
APPROVED

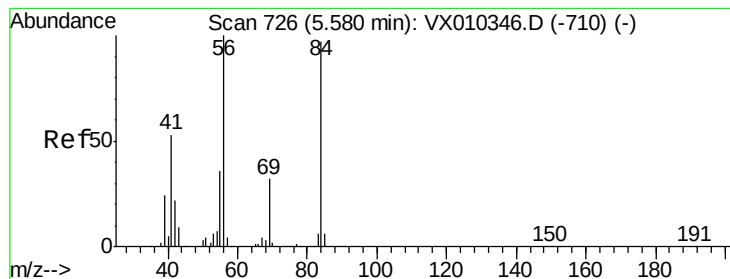
MMDadoda
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#30
Chloroform
Concen: 45.817 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3





#31

Cyclohexane

Concen: 44.271 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

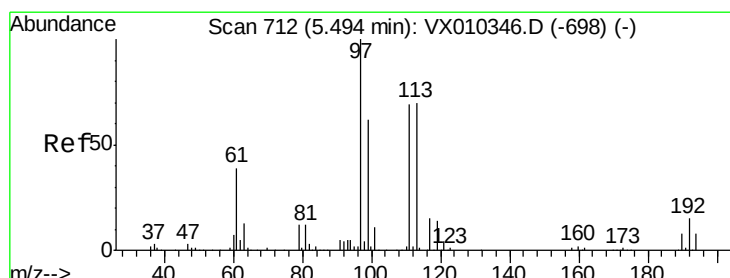
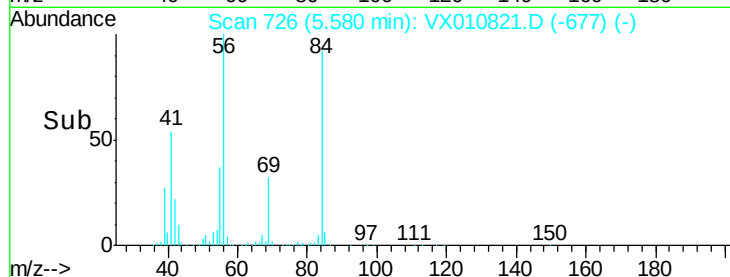
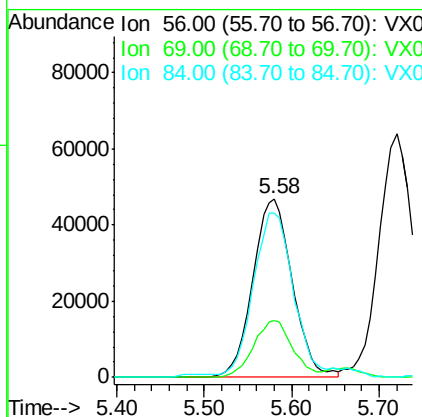
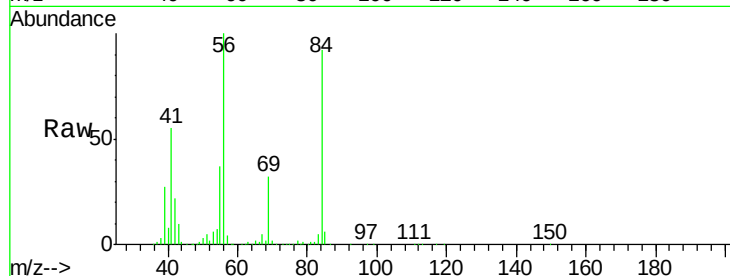
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	146822
Ion Ratio	Lower	Upper	
56	100		
69	31.9	25.9	38.9
84	90.6	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 45.035 ug/l

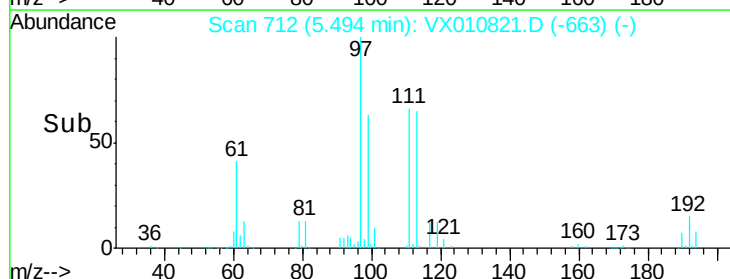
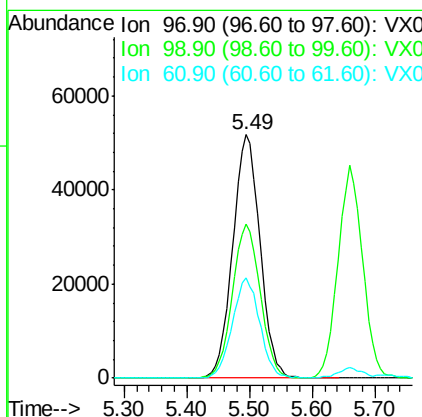
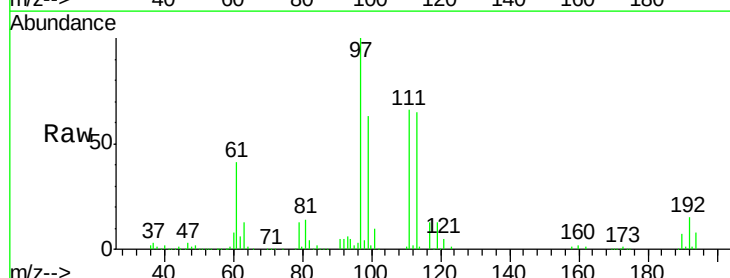
RT: 5.49 min Scan# 712

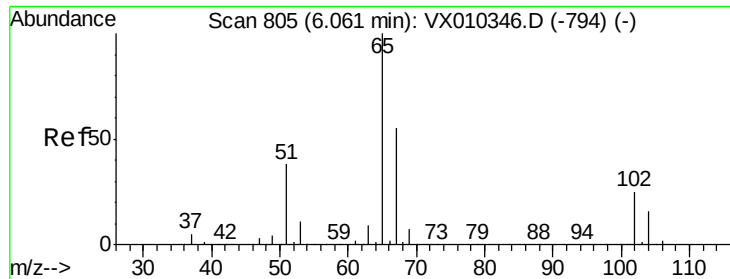
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	97	Resp:	155821
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.8	77.8
61	41.3	32.1	48.1





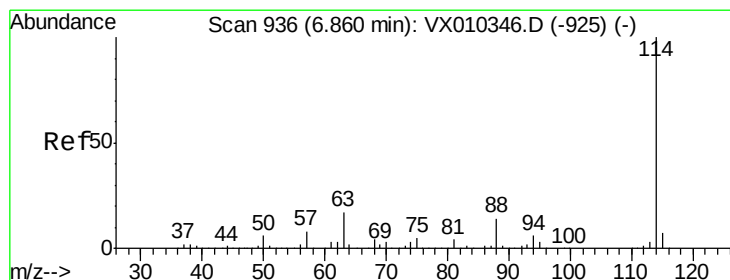
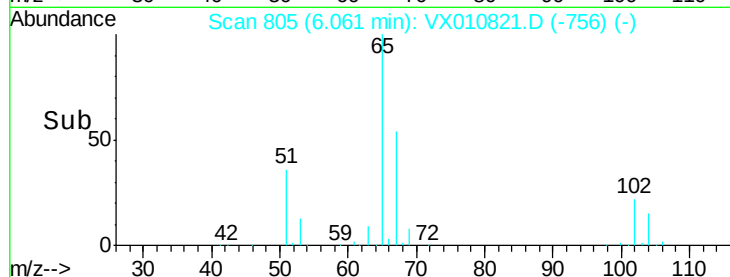
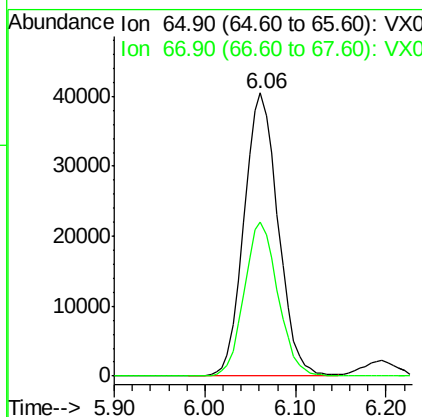
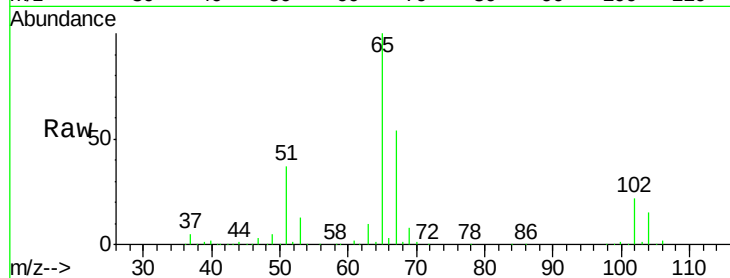
#33
 1,2-Dichloroethane-d4
 Concen: 45.915 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	110.2

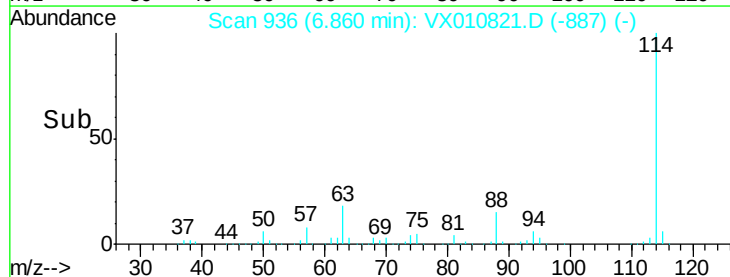
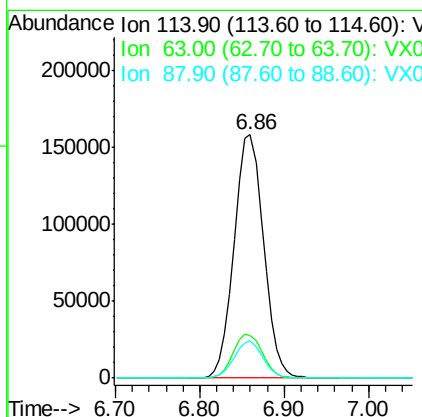
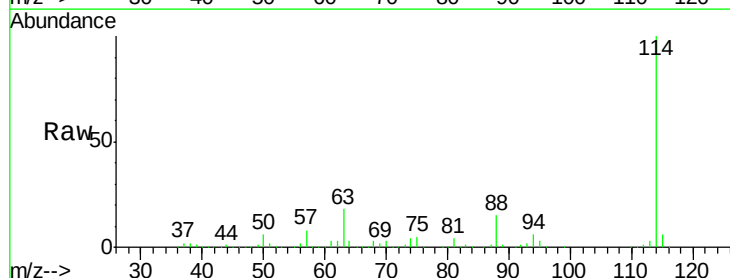
Manual Integrations
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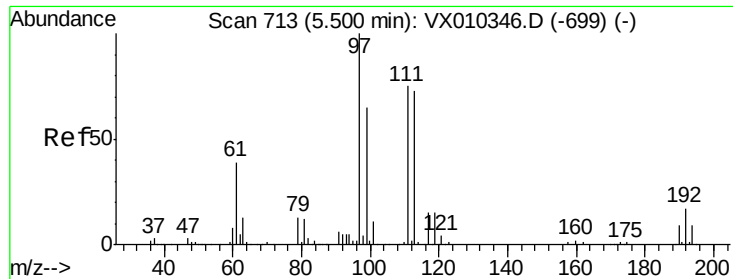
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	33.8
88	15.2	0.0	27.6





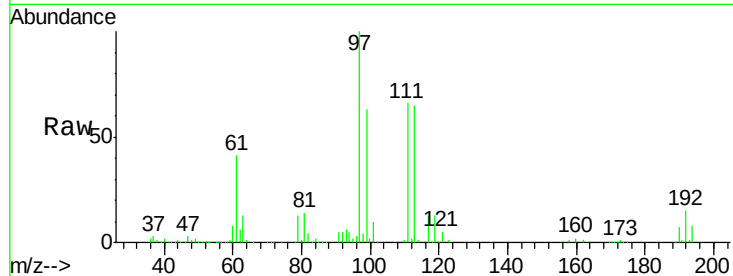
#35
 Dibromofluoromethane
 Concen: 43.093 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98575		
111	103.8	81.2	121.8	
192	22.6	18.6	27.8	

Manual Integrations
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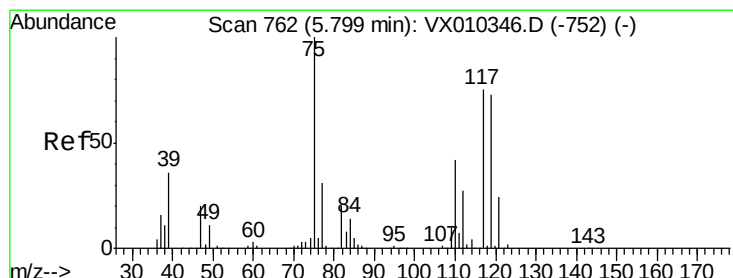
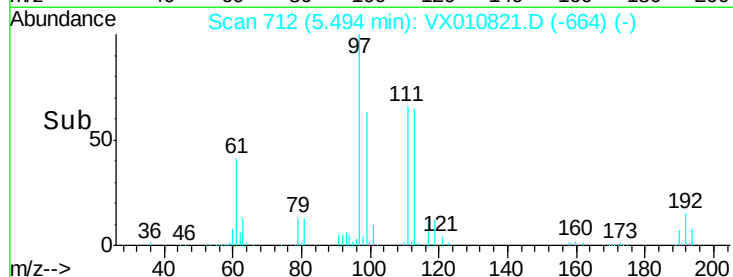
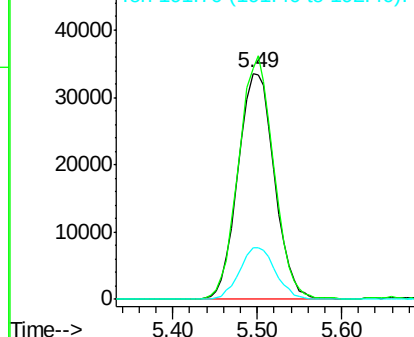


Abundance

Ion 112.80 (112.50 to 113.50): V

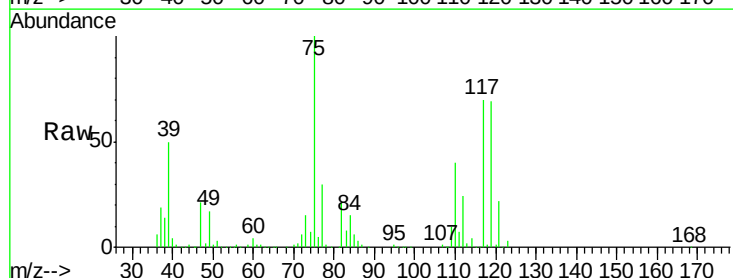
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 42.955 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127621		
110	40.4	20.8	62.2	
77	31.3	25.4	38.0	

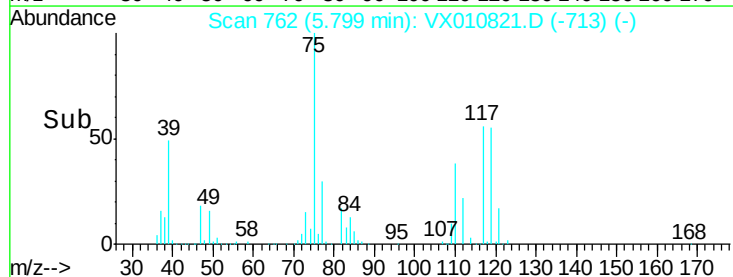
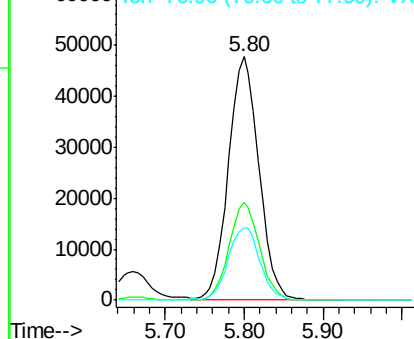


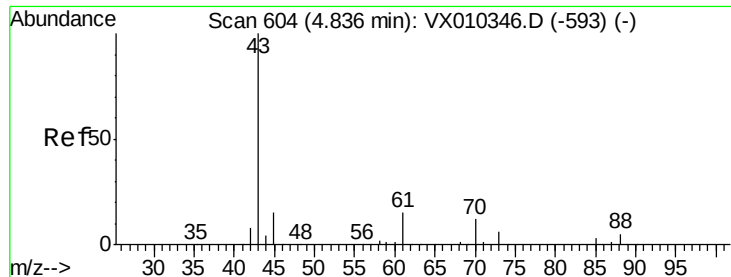
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





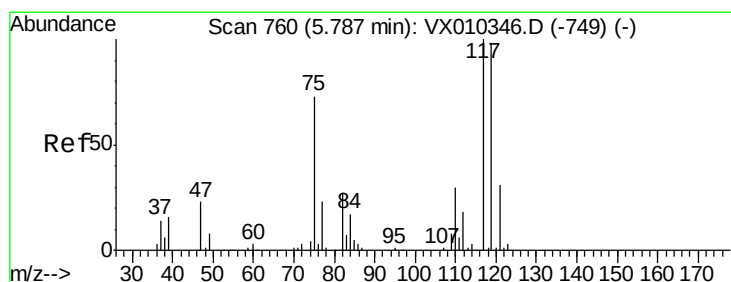
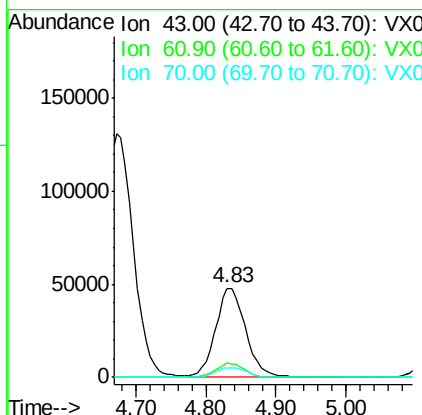
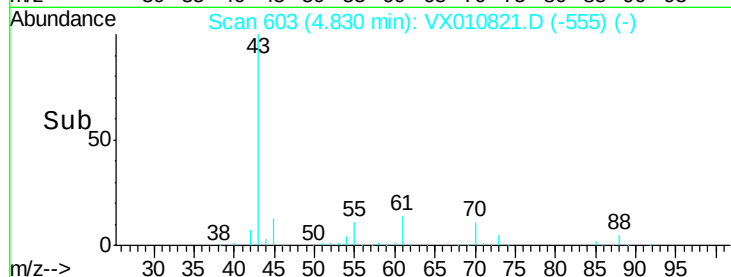
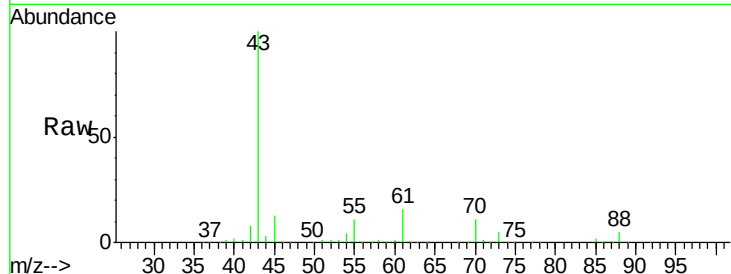
#37
Ethyl Acetate
Concen: 46.336 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	141624
Ion Ratio	100	Lower	Upper
43	100		
61	15.5	12.4	18.6
70	11.7	9.8	14.8

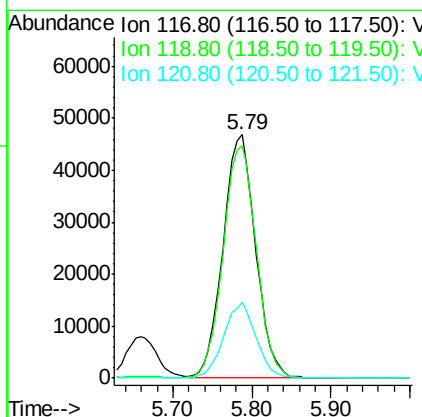
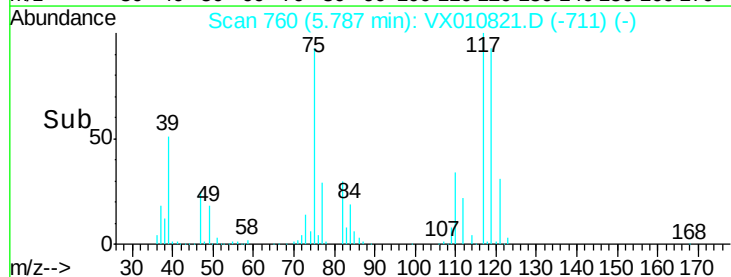
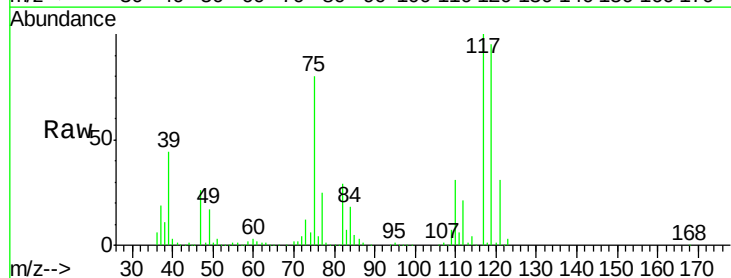
Manual Integrations
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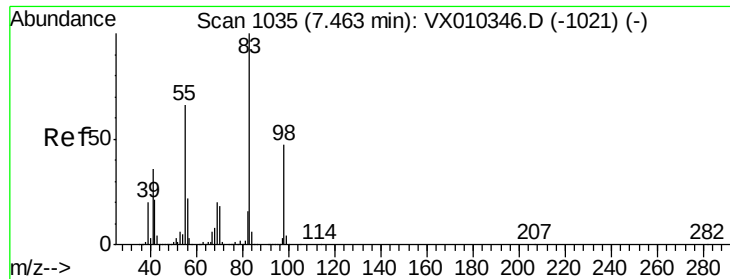
MMDadoda
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#38
Carbon Tetrachloride
Concen: 41.919 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	117	Resp	134863
Ion Ratio	100	Lower	Upper
117	100		
119	95.3	78.2	117.4
121	31.2	24.7	37.1





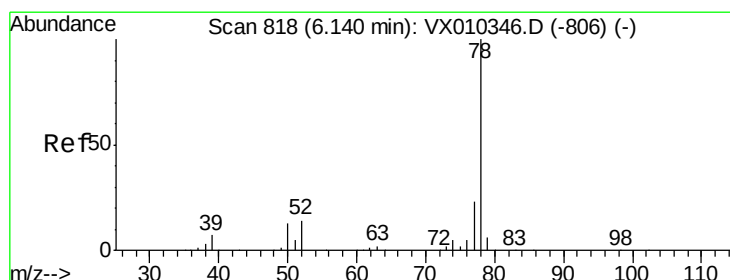
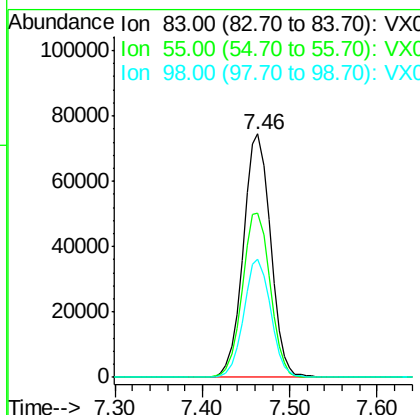
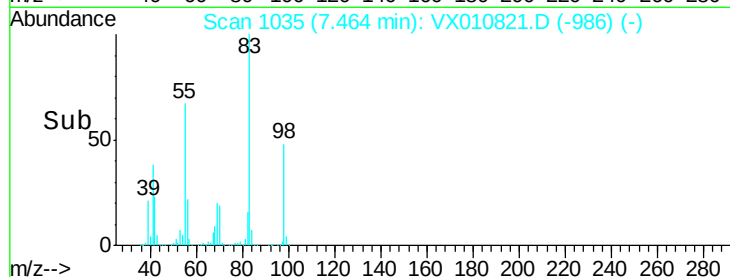
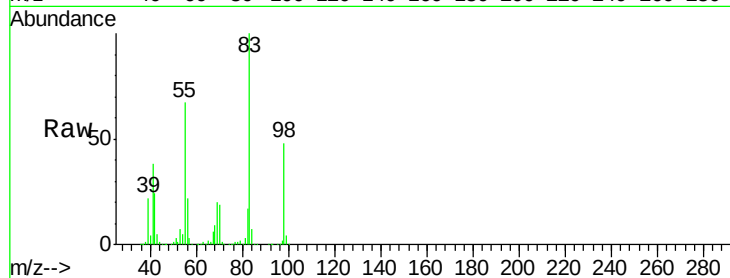
#39
Methylvlcyclohexane
Concen: 41.331 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.0	79.6
98	48.5	37.8	56.8

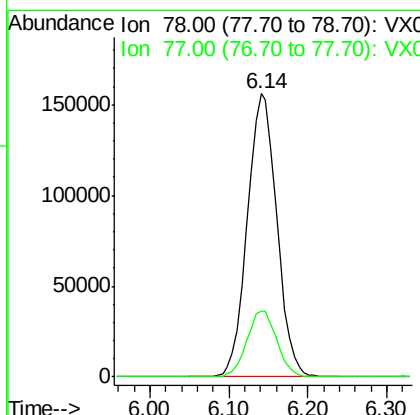
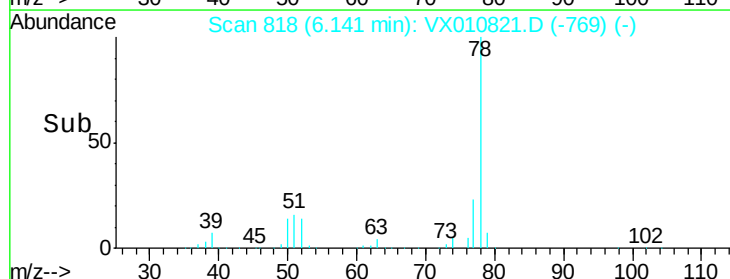
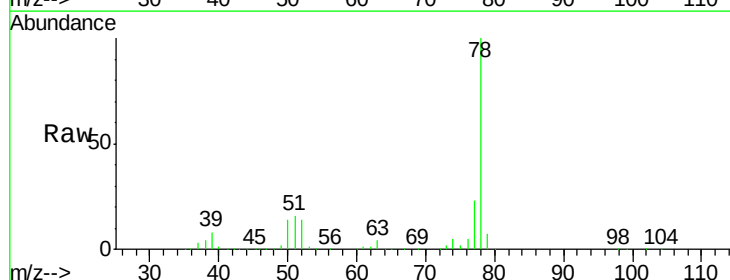
Manual Integrations
APPROVED

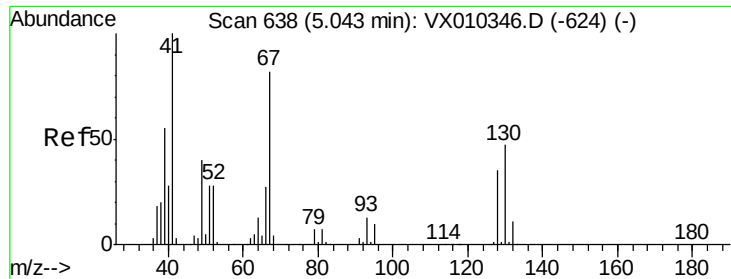
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#40
Benzene
Concen: 43.916 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





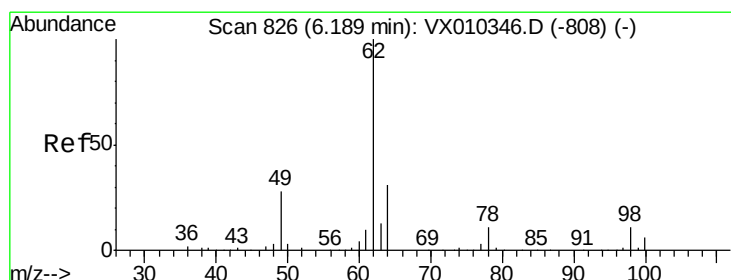
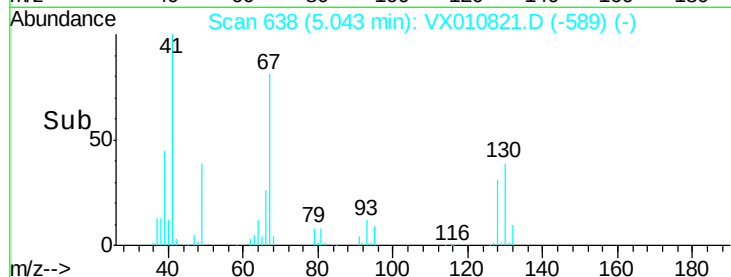
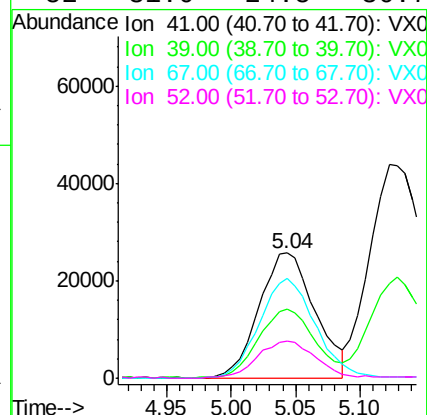
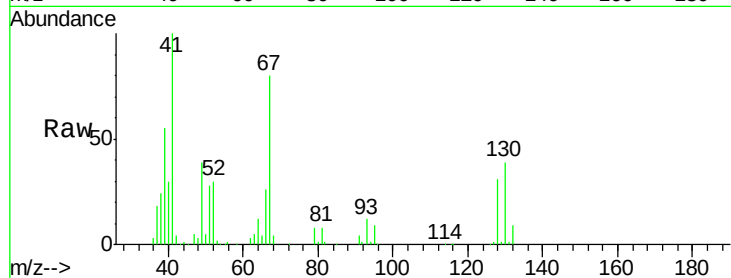
#41
Methacrylonitrile
Concen: 46.021 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	43.8	65.8	
67	80.9	66.6	100.0	
52	31.0	24.5	36.7	

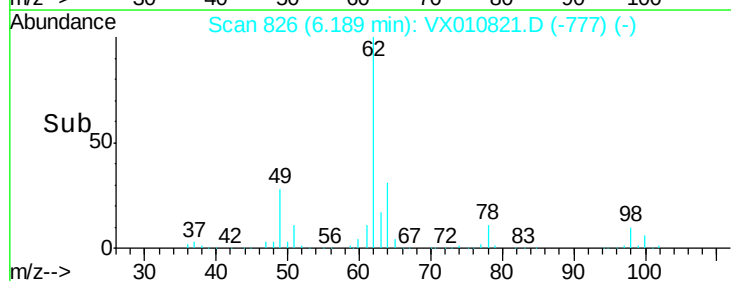
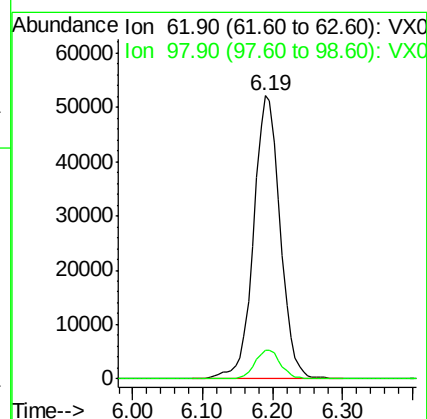
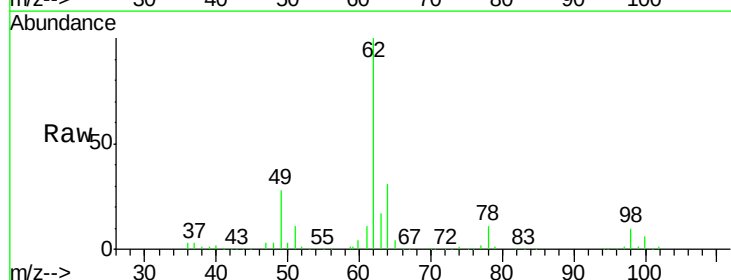
Manual Integrations
APPROVED

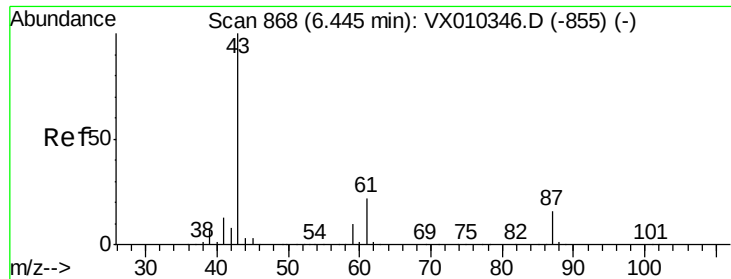
MMDadoda
7/12/2019 12:21:40 PM



#42
1,2-Dichloroethane
Concen: 48.823 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	22.2	





#43

Isopropyl Acetate

Concen: 45.331 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

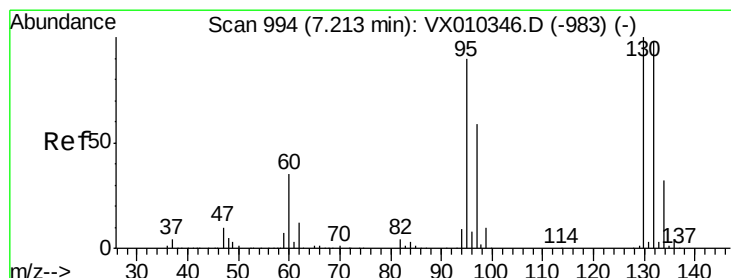
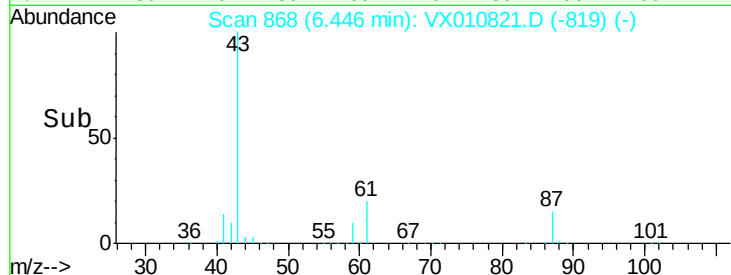
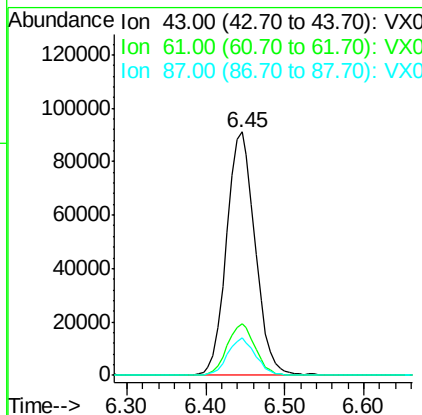
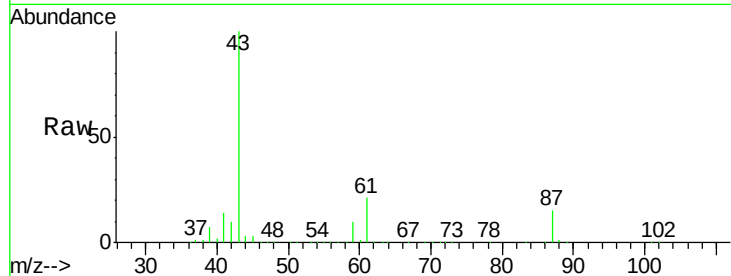
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	229236
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.8	26.6
87	15.1	13.0	19.4

Manual Integrations
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#44

Trichloroethene

Concen: 42.651 ug/l

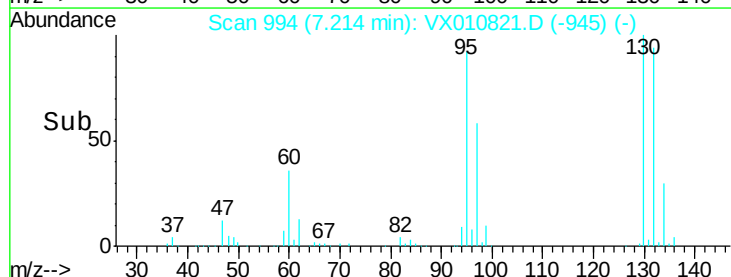
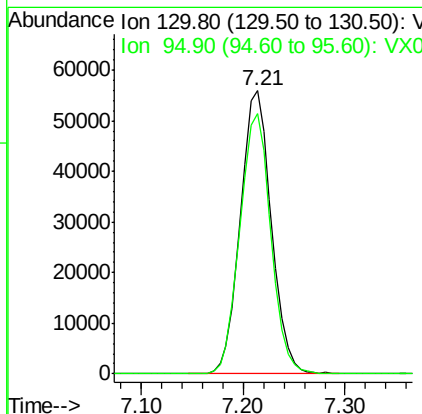
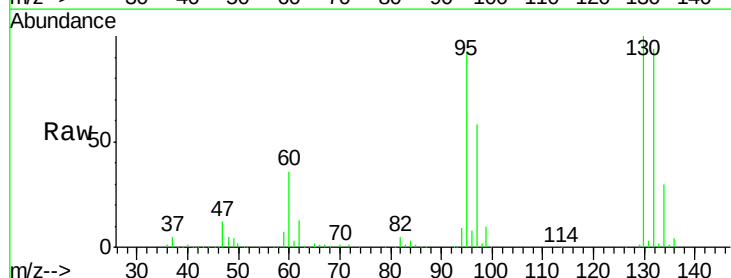
RT: 7.21 min Scan# 994

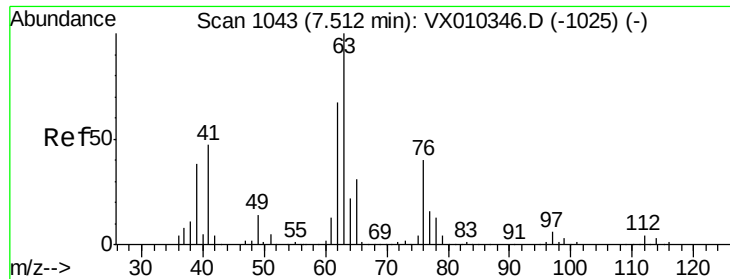
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	130	Resp:	118129
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	180.8





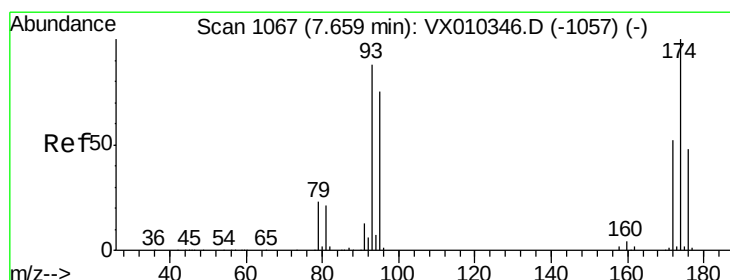
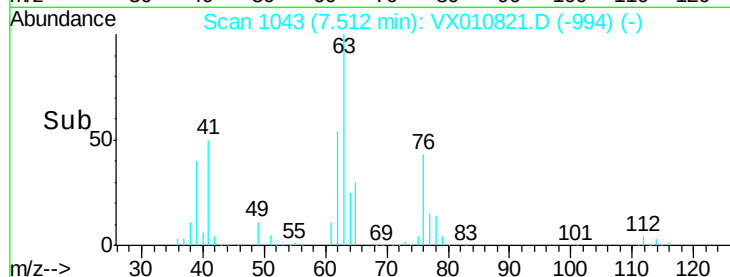
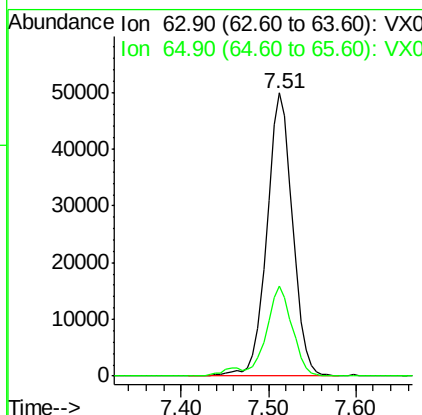
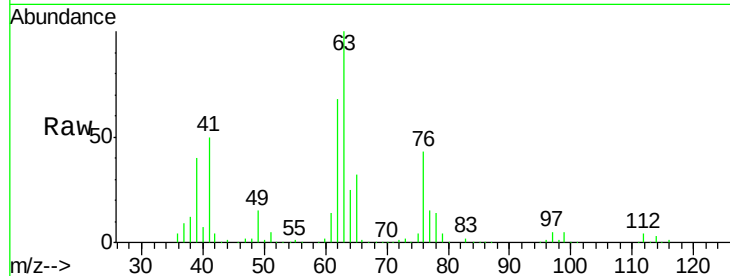
#45
 1,2-Dichloropropane
 Concen: 43.645 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 102017
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.8 37.2

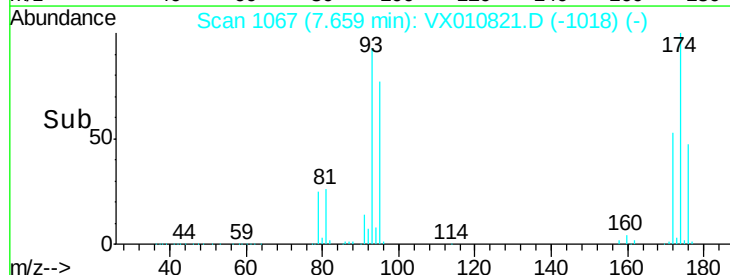
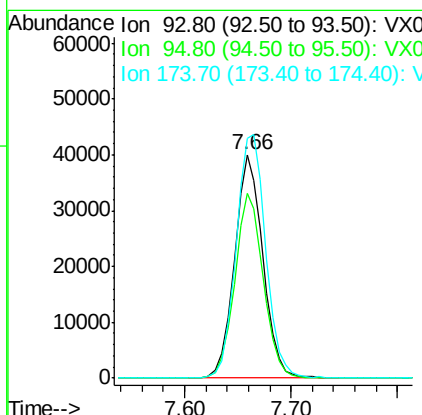
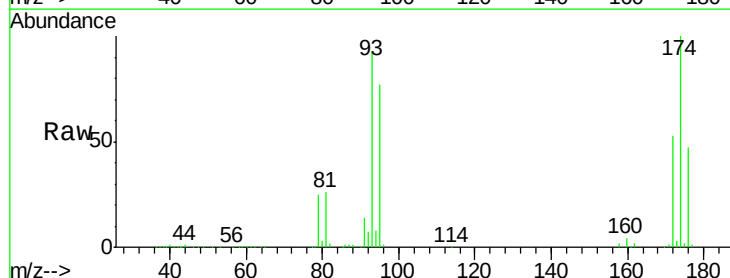
Manual Integrations
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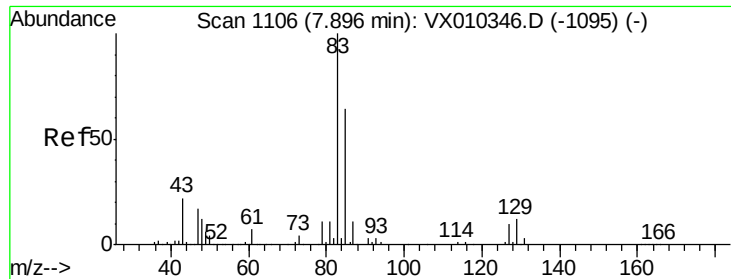
MMDadoda
 7/12/2019 12:21:40 PM



#46
 Dibromomethane
 Concen: 44.472 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 93 Resp: 74582
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 114.2 95.8 143.6





#47

Bromodichloromethane

Concen: 43.342 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

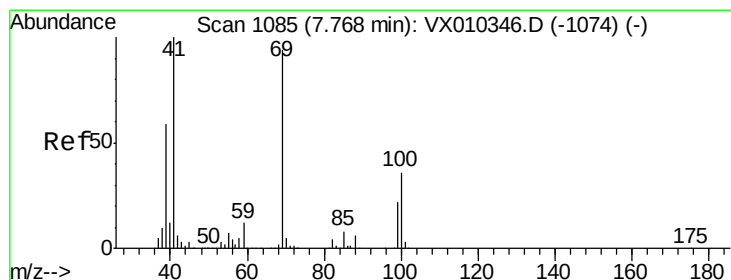
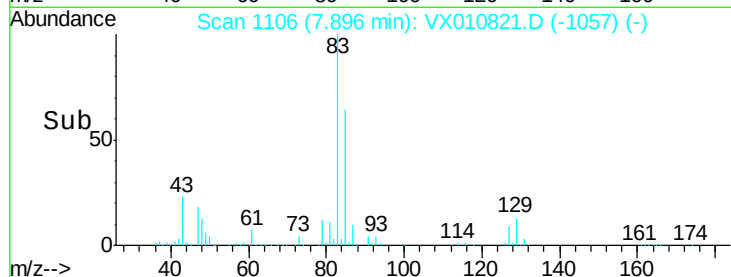
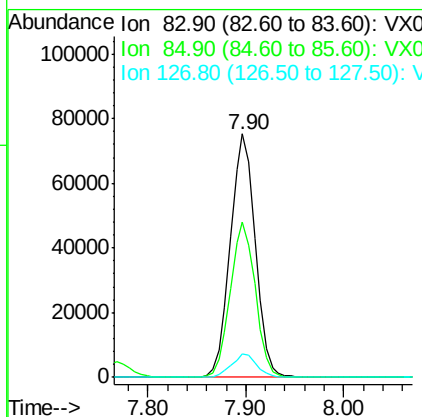
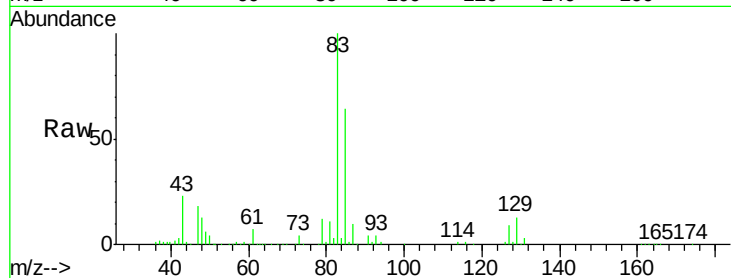
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	133208
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.5	77.3
127	9.4	7.8	11.8

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 46.682 ug/l

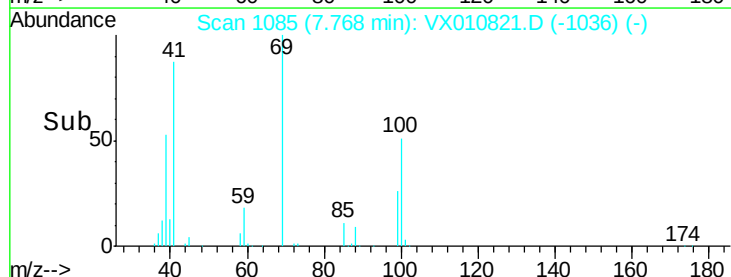
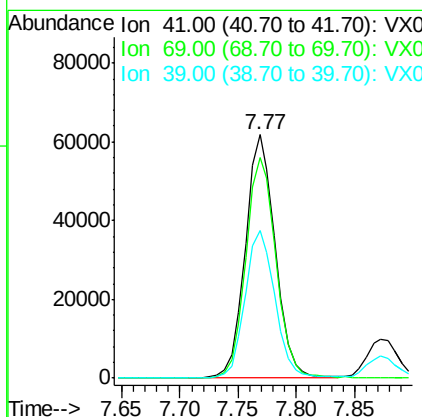
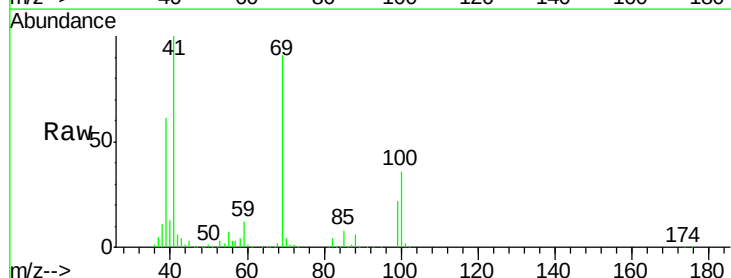
RT: 7.77 min Scan# 1085

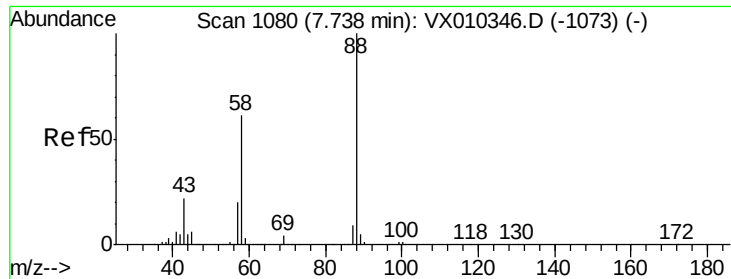
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	41	Resp:	109728
Ion	Ratio	Lower	Upper
41	100		
69	92.2	76.1	114.1
39	61.4	47.6	71.4





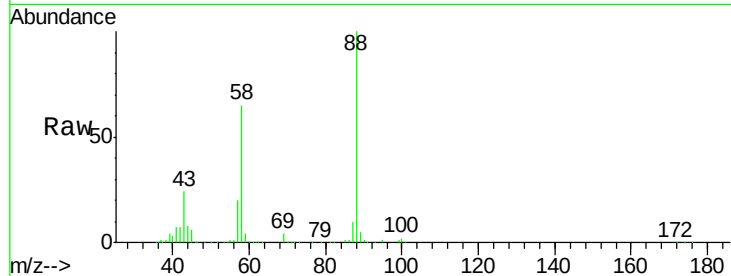
#49
1,4-Dioxane
Concen: 883.991 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	20.2	30.2
58	62.4	49.5	74.3

Manual Integrations
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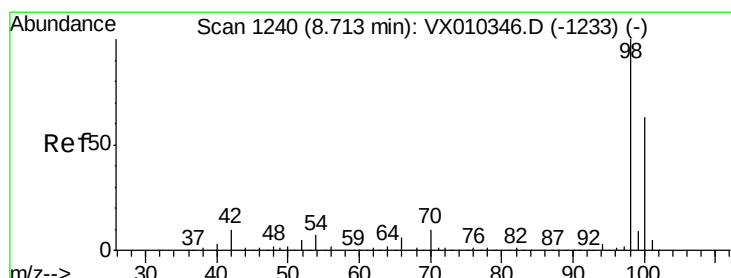
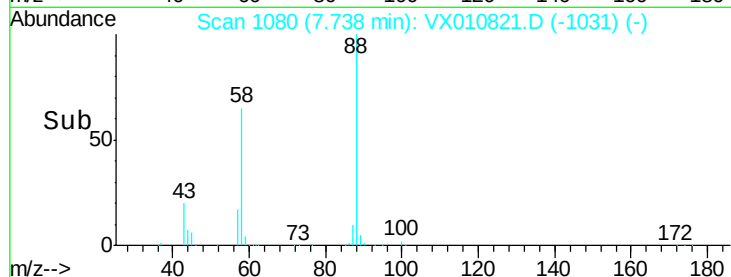
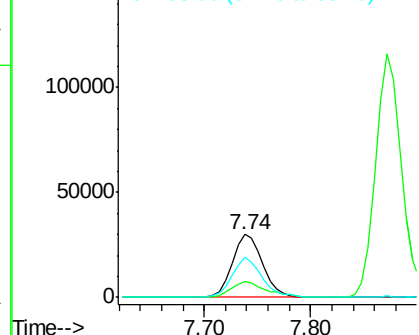


Abundance

Ion 88.00 (87.70 to 88.70): VX0

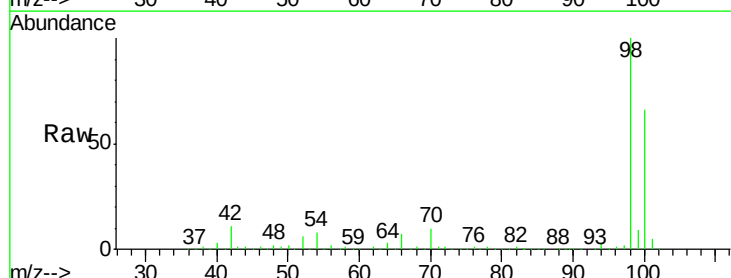
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 41.490 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

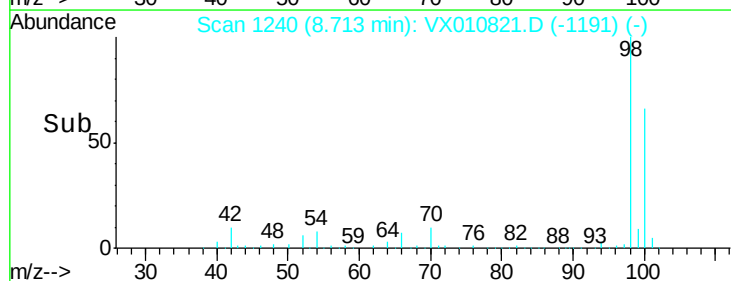
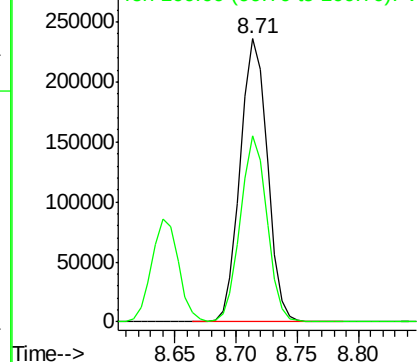
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4

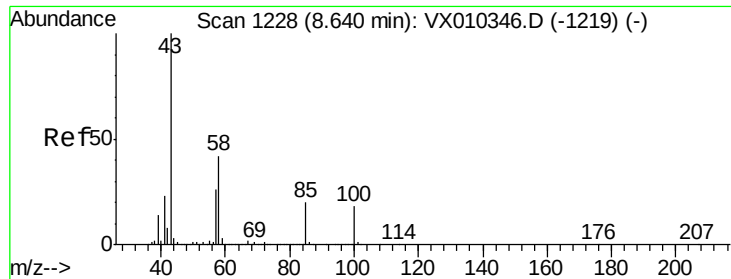


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





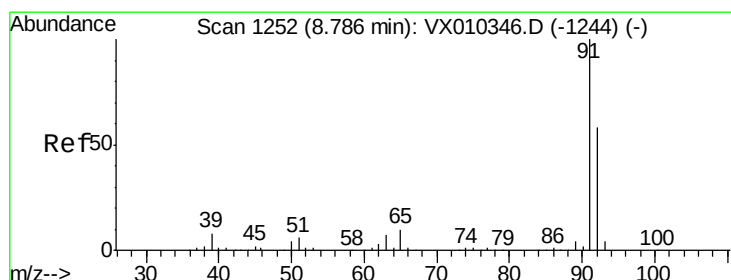
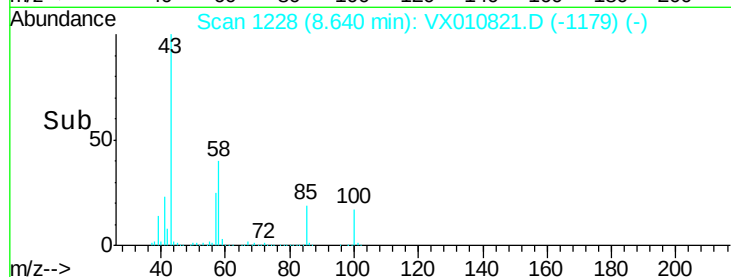
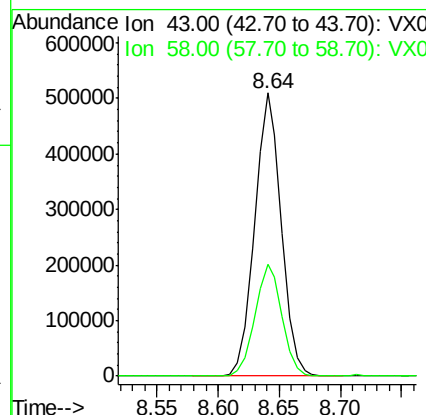
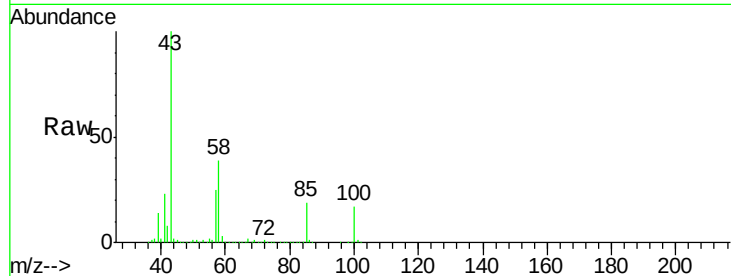
#51
4-Methyl-2-Pentanone
Concen: 238.183 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	33.5	50.3

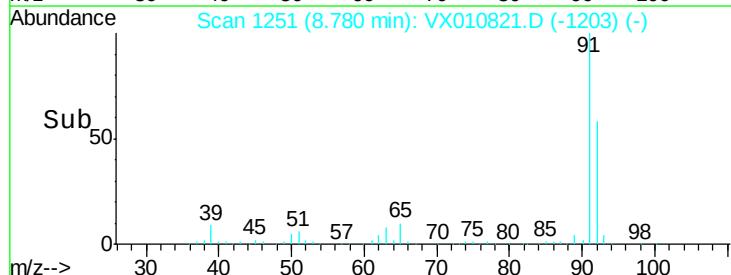
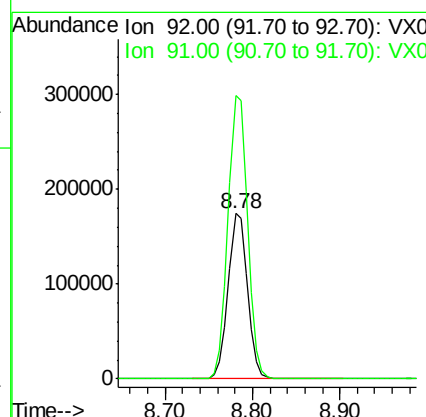
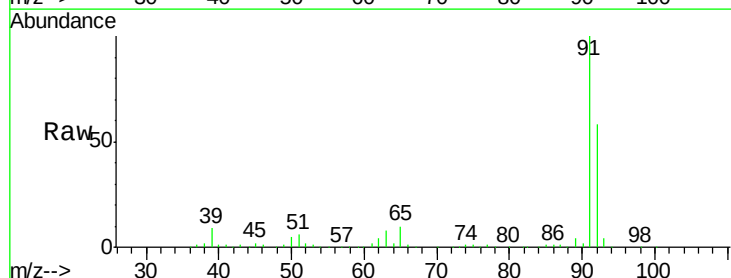
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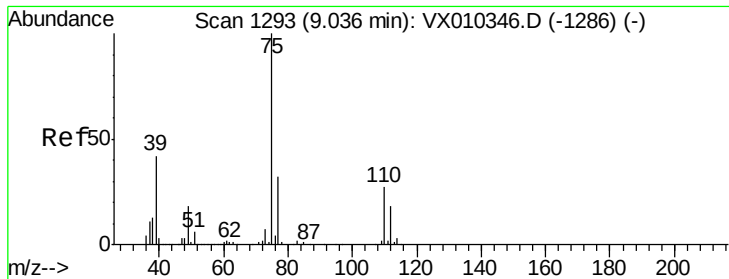
MMDadoda
7/12/2019 12:21:40 PM



#52
Toluene
Concen: 43.661 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.4	139.8	209.6





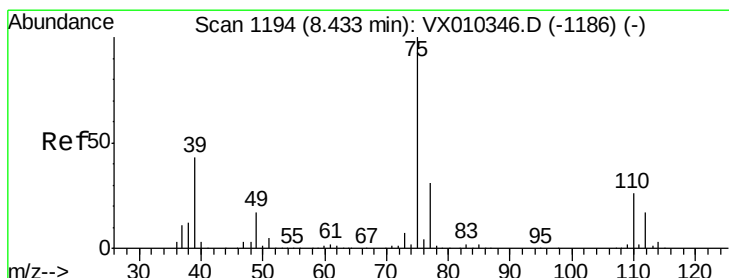
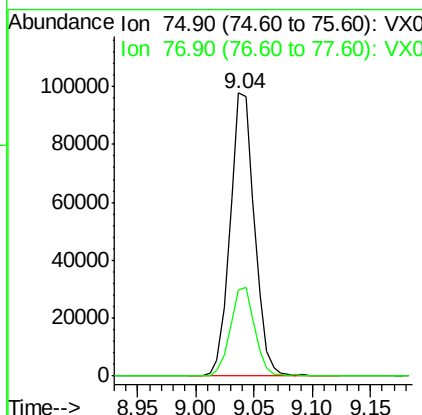
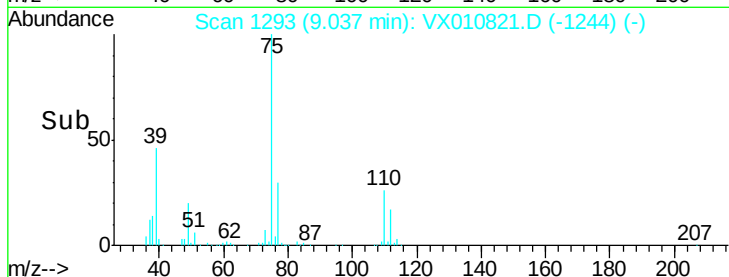
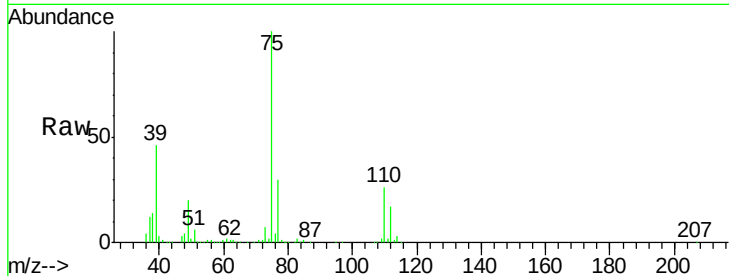
#53
 t-1,3-Dichloropropene
 Concen: 41.433 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 142768
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2

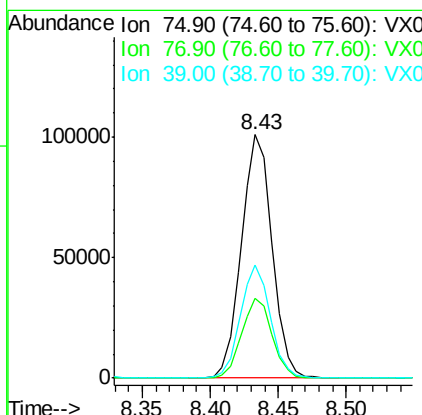
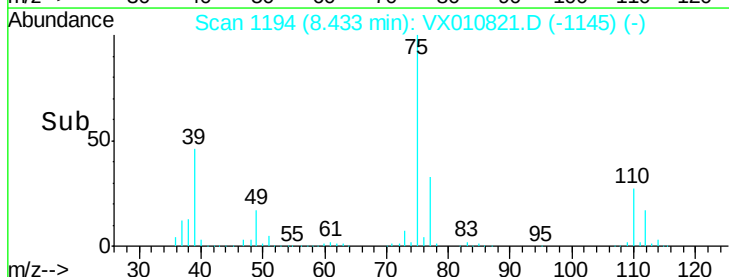
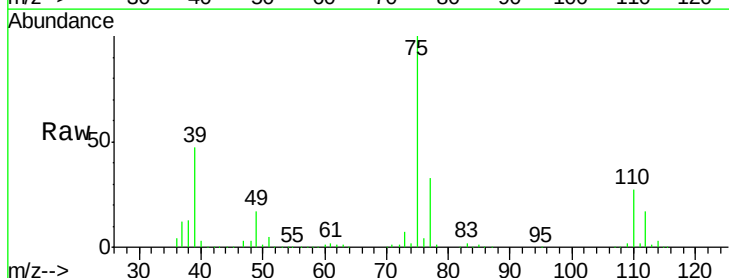
Manual Integrations
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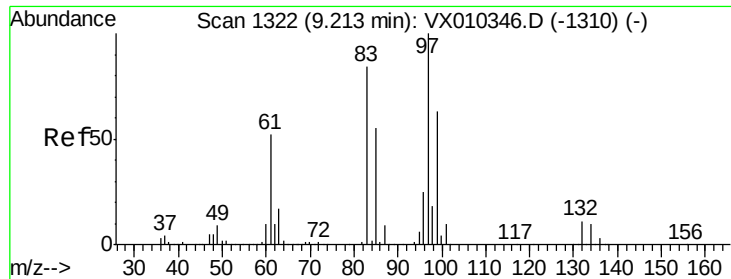
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 7/12/2019 12:21:40 PM



#54
 cis-1,3-Dichloropropene
 Concen: 42.537 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 75 Resp: 159281
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8
 39 46.3 34.5 51.7





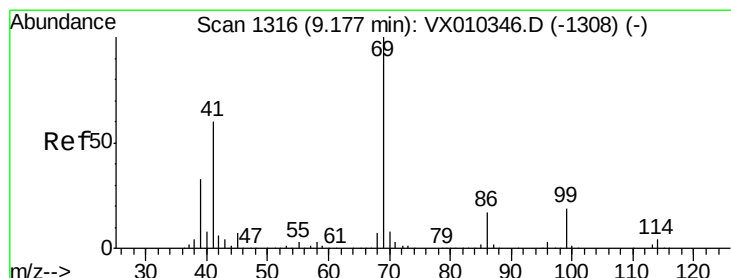
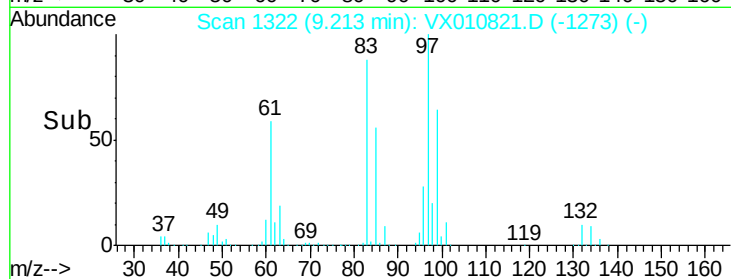
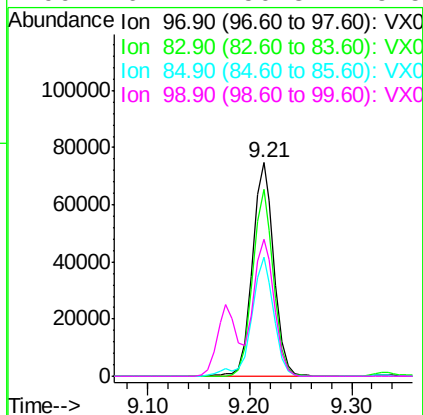
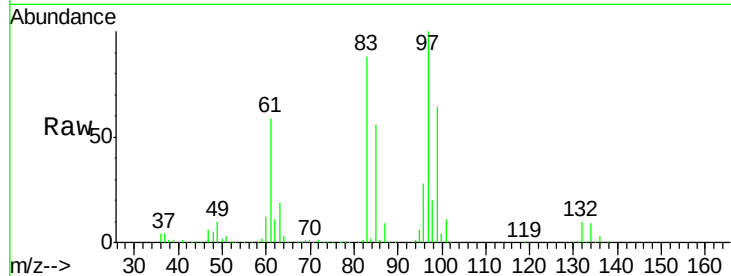
#55
 1,1,2-Trichloroethane
 Concen: 43.790 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	110084
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.4	101.0
85	55.9	43.8	65.8
99	64.2	50.3	75.5

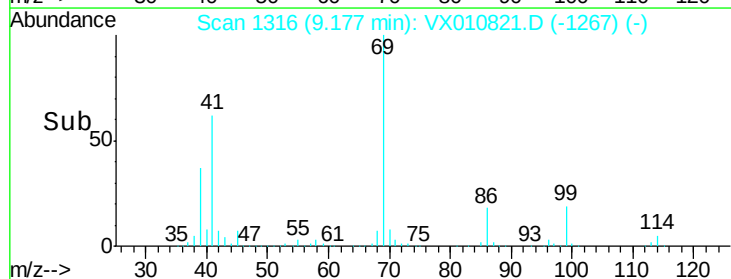
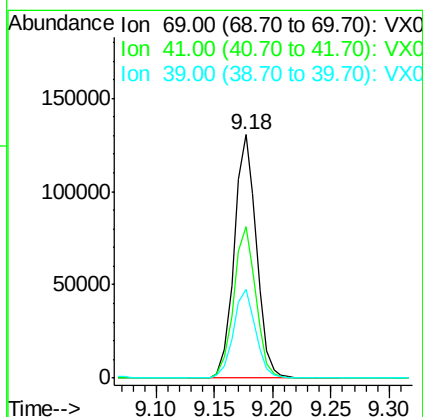
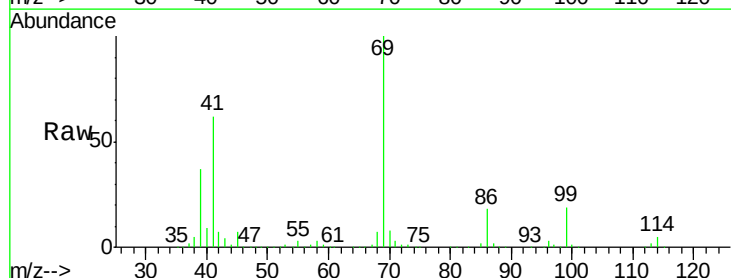
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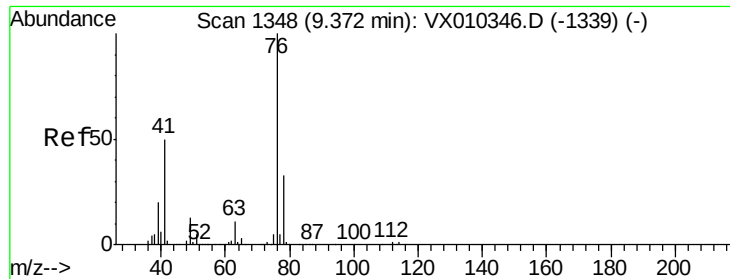
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#56
 Ethyl methacrylate
 Concen: 45.531 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion:	69	Resp:	173392
Ion	Ratio	Lower	Upper
69	100		
41	62.0	47.1	70.7
39	36.5	26.6	40.0





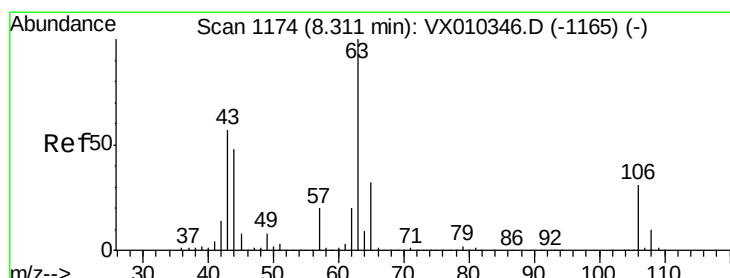
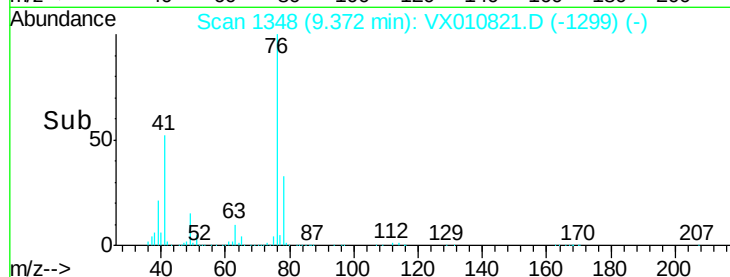
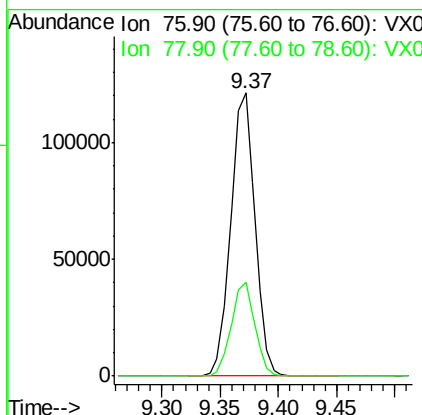
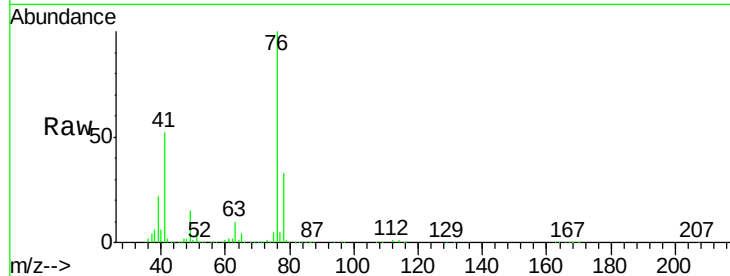
#57
 1,3-Dichloropropane
 Concen: 45.142 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 176159
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

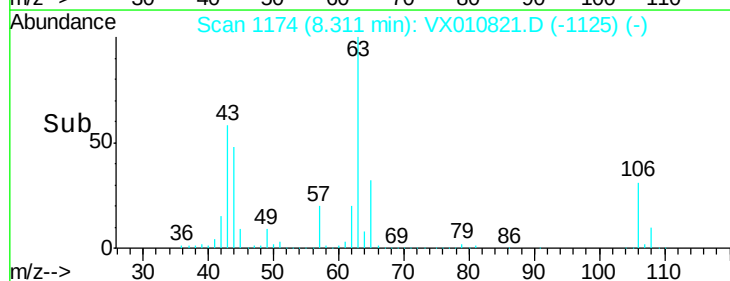
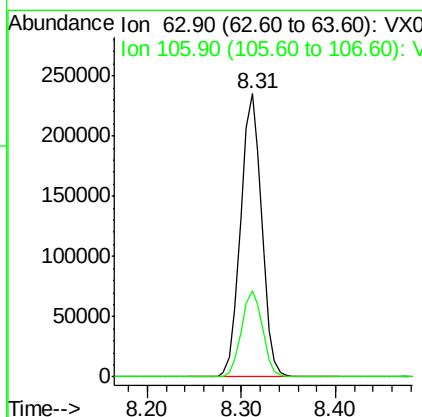
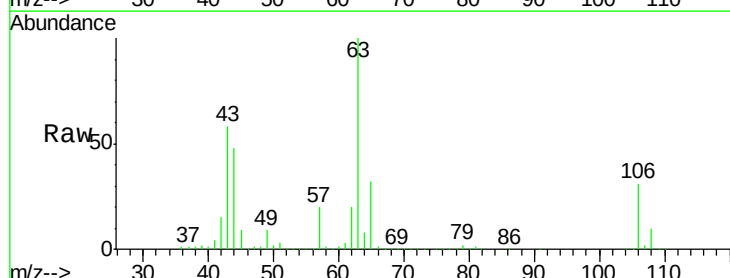
Manual Integrations
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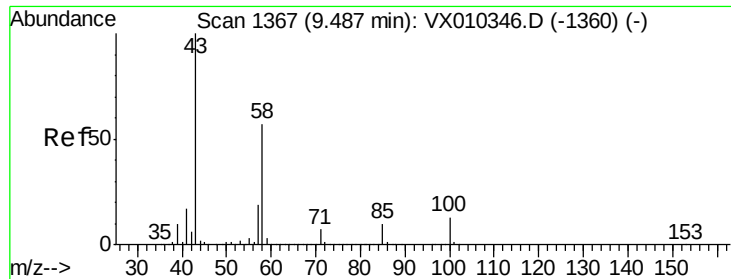
MMDadoda
 7/12/2019 12:21:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 202.133 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 63 Resp: 365588
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1





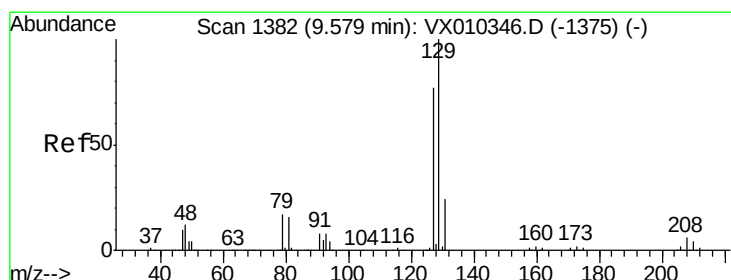
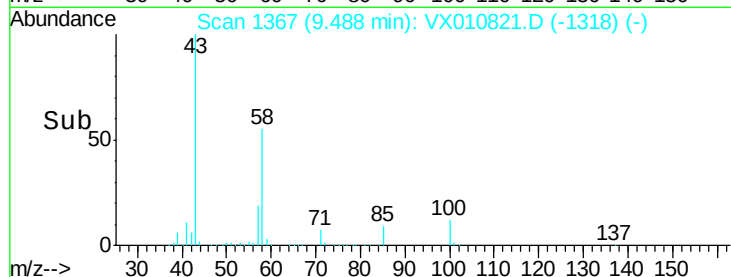
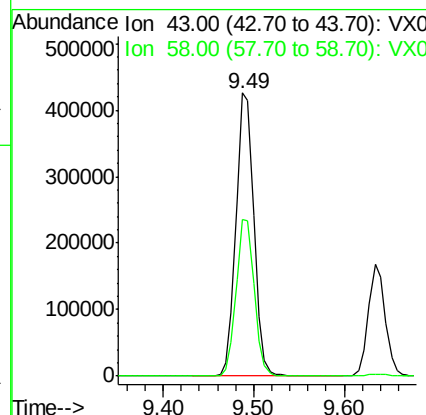
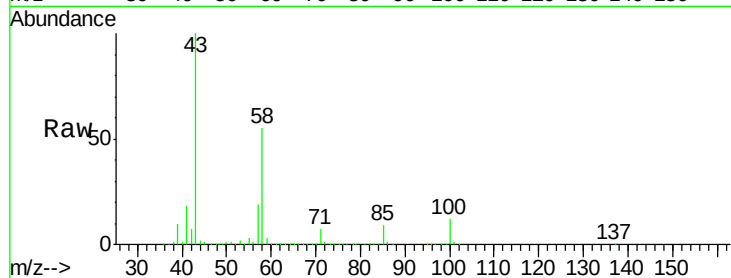
#59
2-Hexanone
Concen: 229.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 585047
Ion Ratio Lower Upper
43 100
58 56.0 29.0 87.1

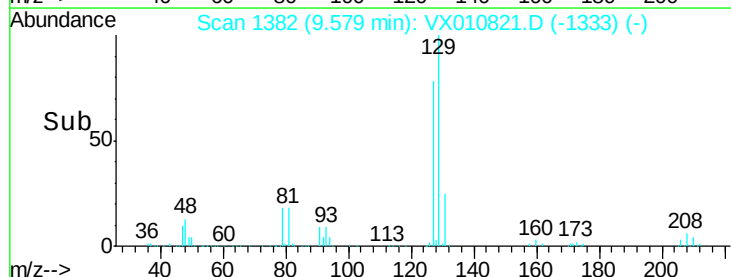
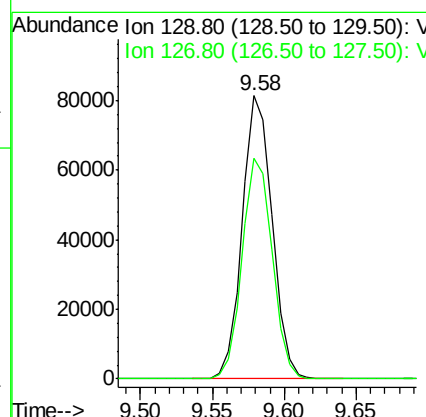
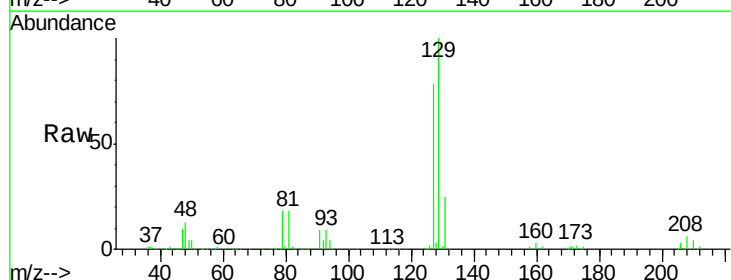
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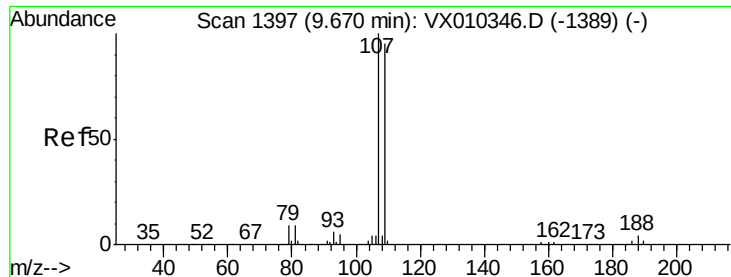
MMDadoda
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#60
Dibromochloromethane
Concen: 41.665 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 129 Resp: 117276
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 44.310 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 120235

Ion Ratio Lower Upper

107 100

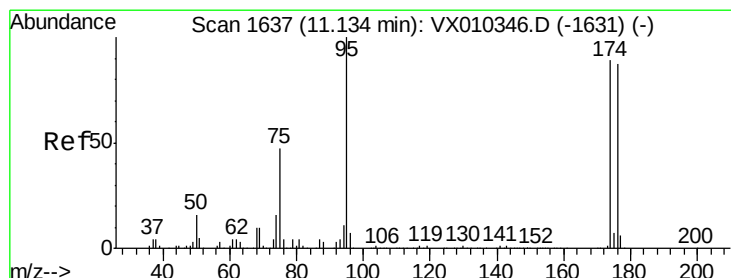
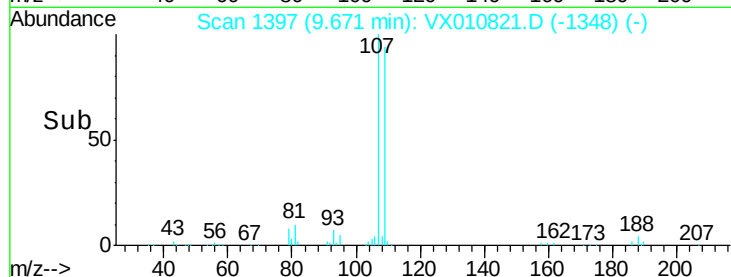
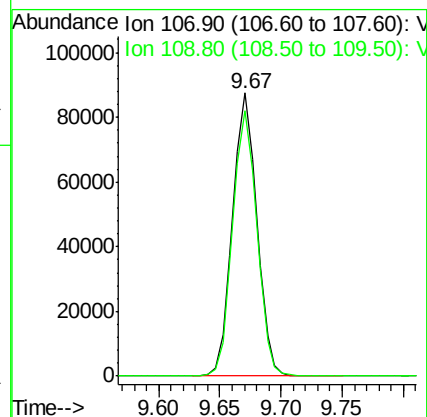
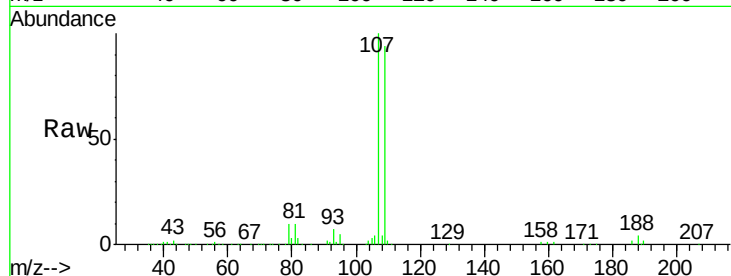
109 93.8 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 44.354 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

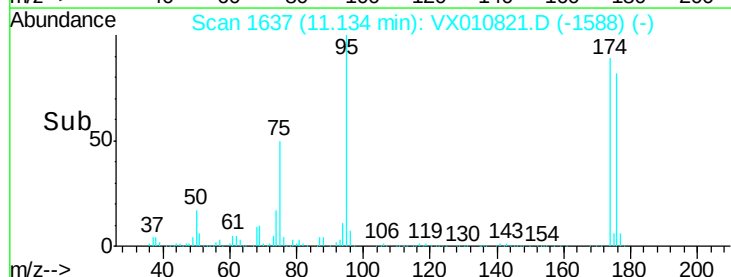
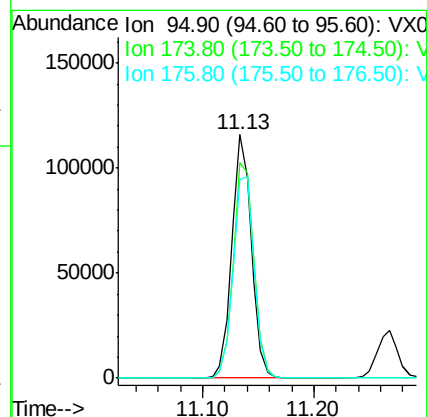
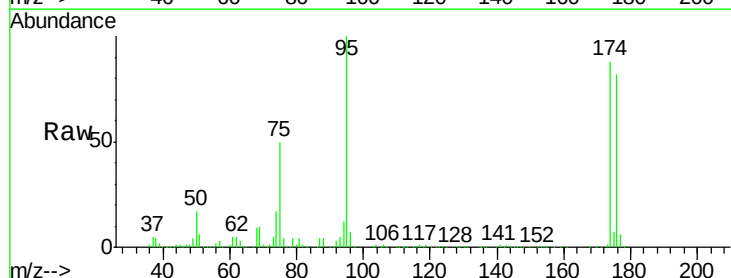
Tgt Ion: 95 Resp: 140138

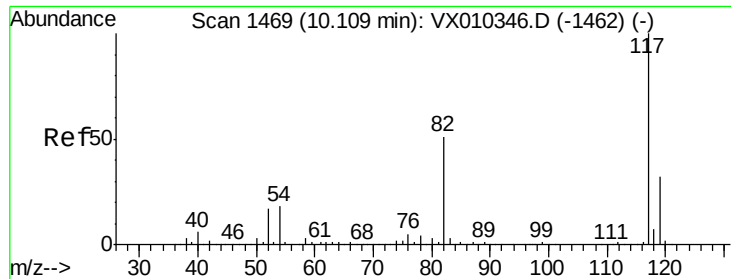
Ion Ratio Lower Upper

95 100

174 93.2 0.0 187.6

176 89.0 0.0 184.0





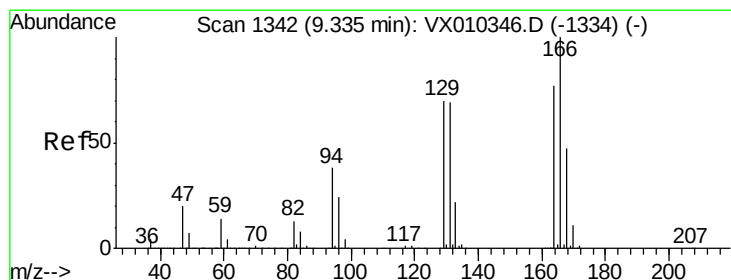
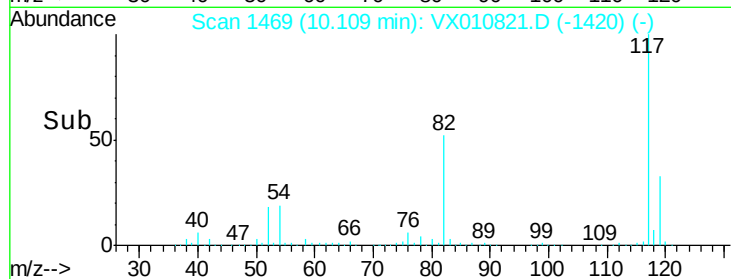
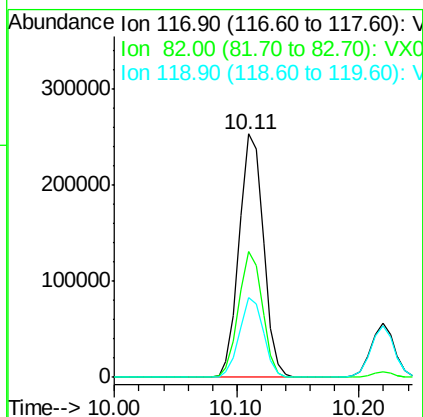
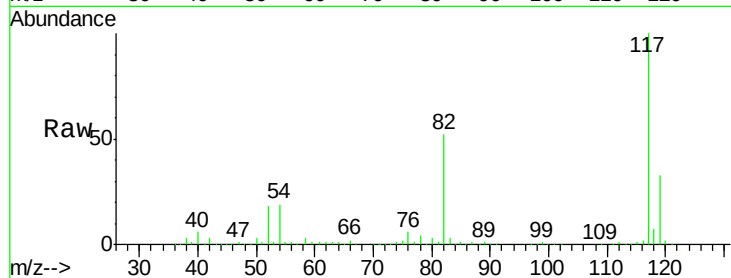
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.2	61.8
119	33.0	25.5	38.3

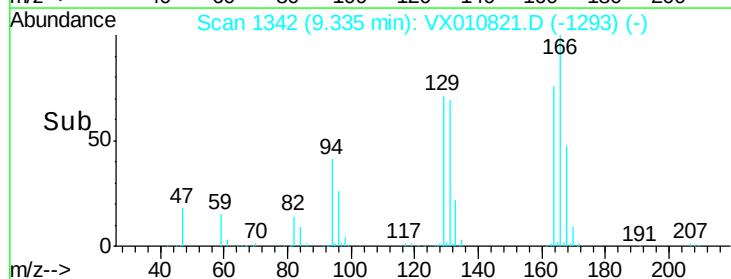
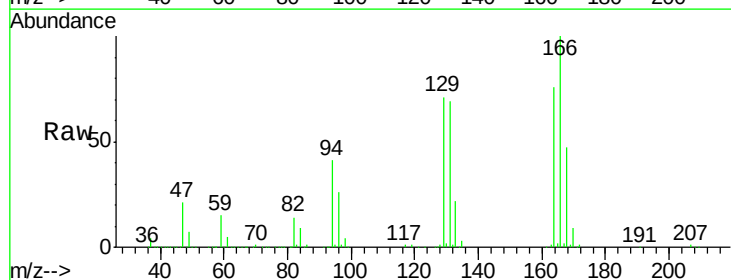
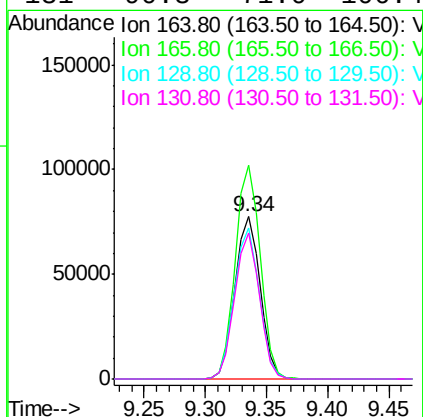
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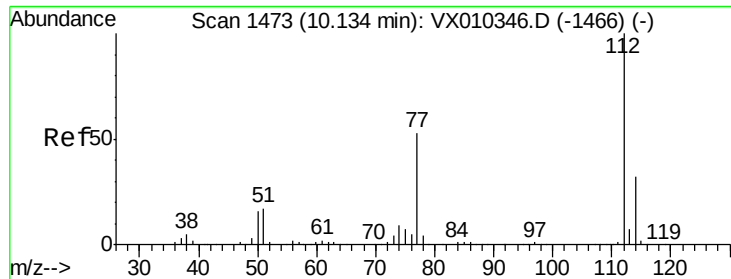
MMDadoda
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#64
Tetrachloroethene
Concen: 39.415 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	103.6	155.4
129	93.4	73.0	109.4
131	90.3	71.0	106.4





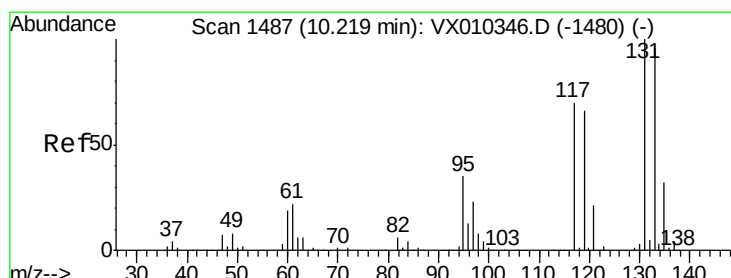
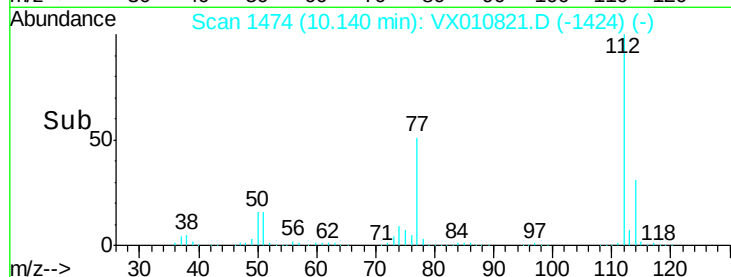
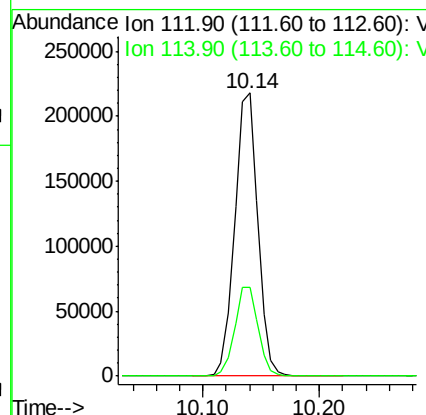
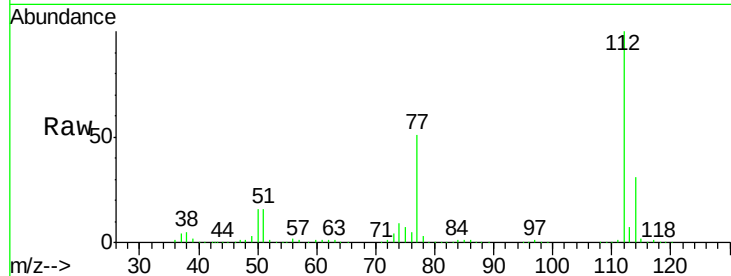
#65
Chlorobenzene
Concen: 42.681 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 300772
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

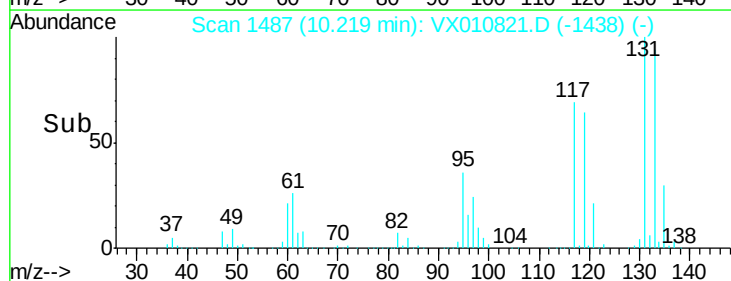
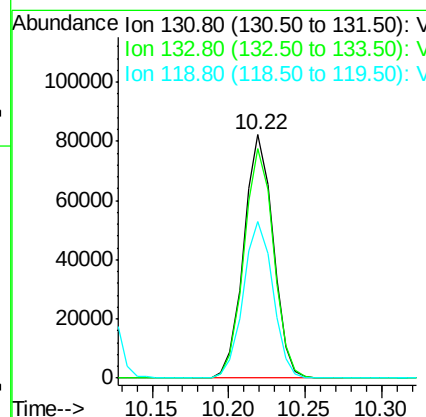
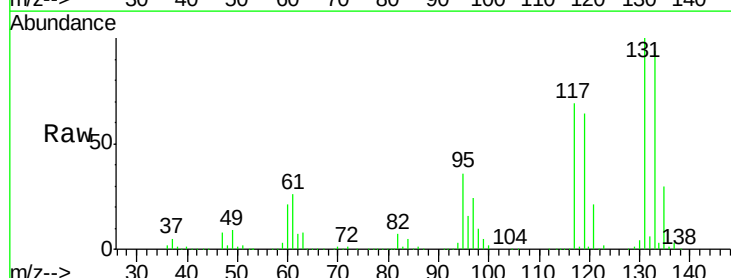
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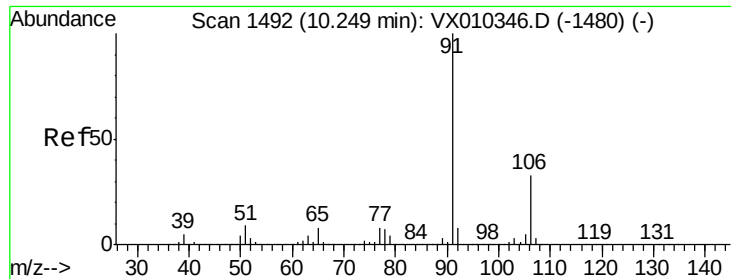
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#66
1,1,1,2-Tetrachloroethane
Concen: 42.649 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:131 Resp: 109476
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.9 32.6 97.7





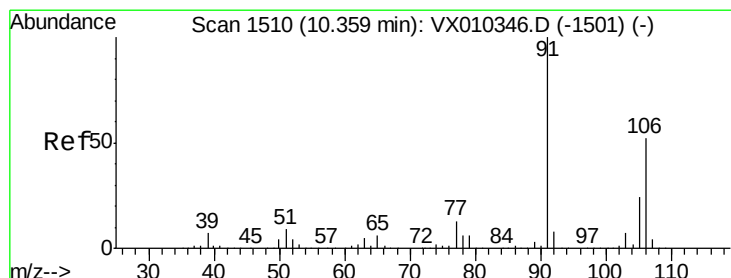
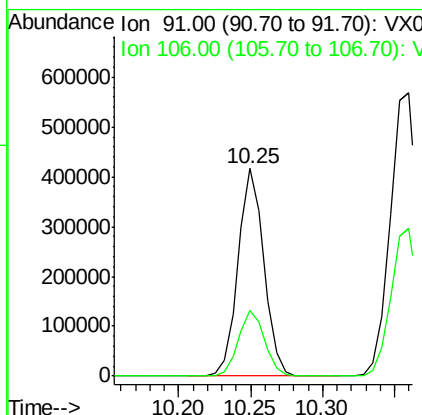
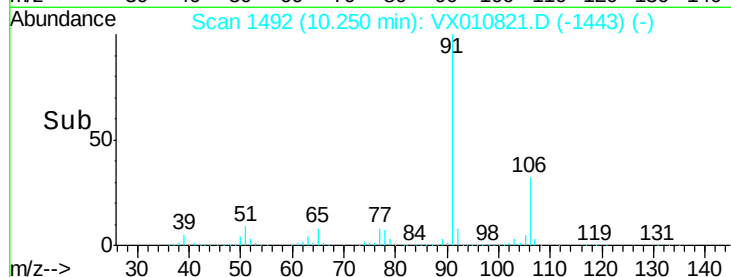
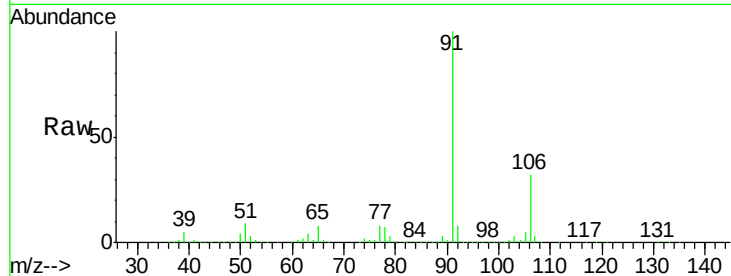
#67
Ethyl Benzene
Concen: 43.560 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 518228
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2

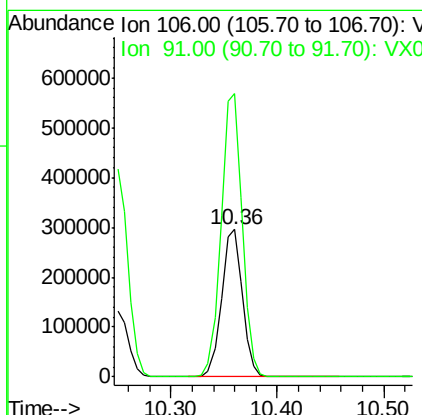
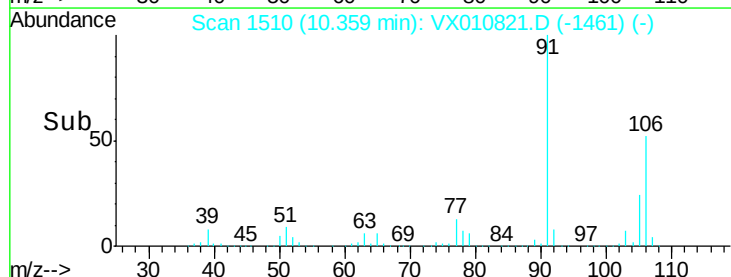
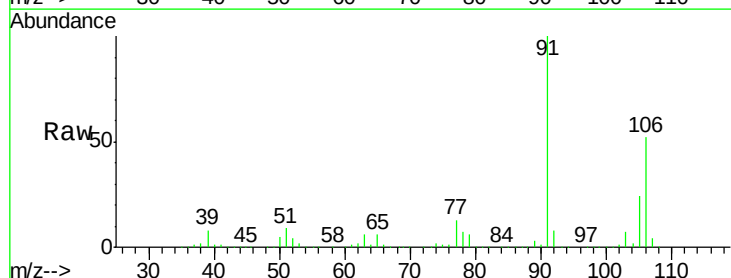
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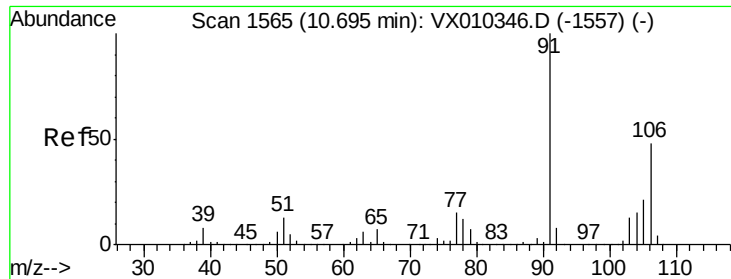
MMDadoda
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#68
m/p-Xylenes
Concen: 87.177 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion: 106 Resp: 401867
Ion Ratio Lower Upper
106 100
91 195.2 155.3 232.9





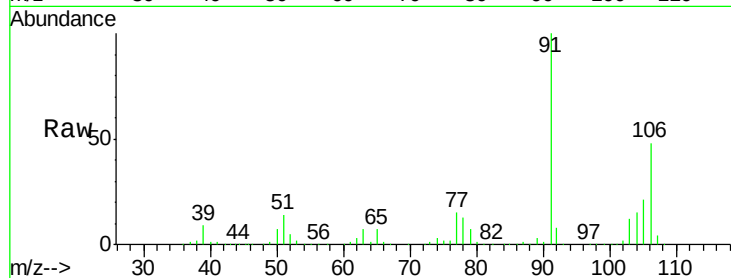
#69
o-Xylene
Concen: 43.145 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

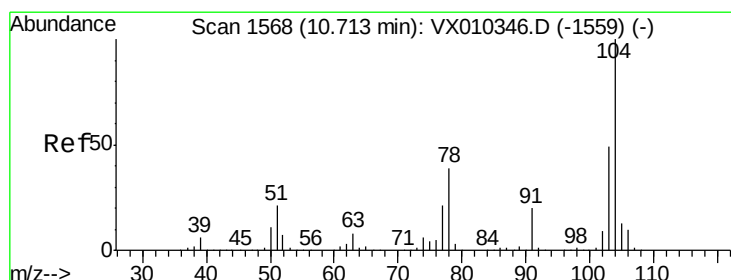
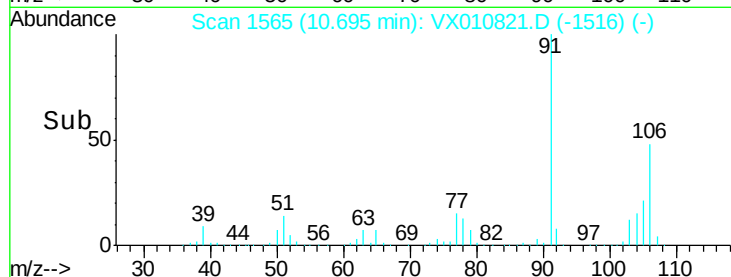
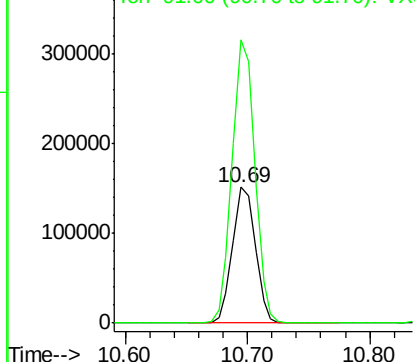
Tot Ion:106 Resp: 195586
Ion Ratio Lower Upper
106 100
91 206.5 102.7 308.1

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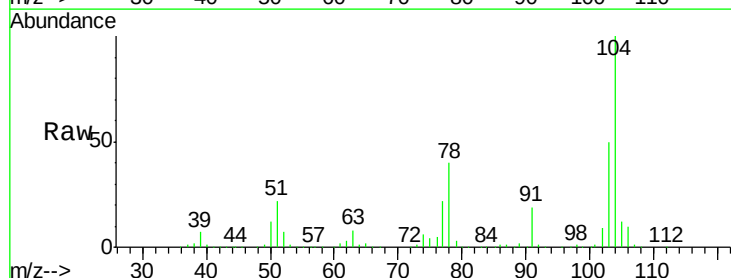


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

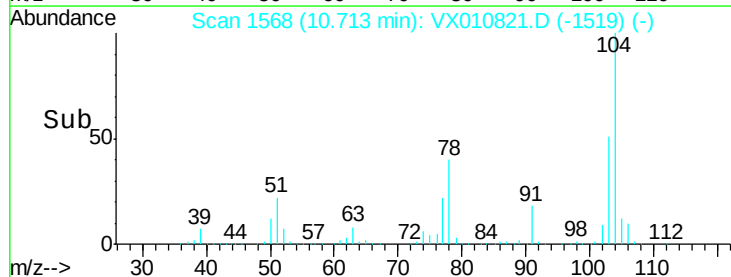
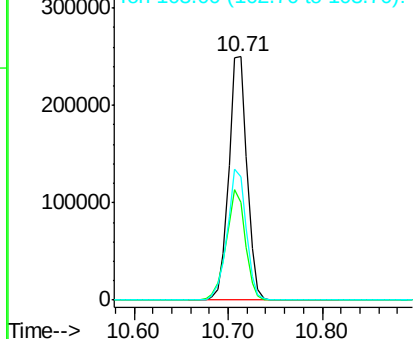


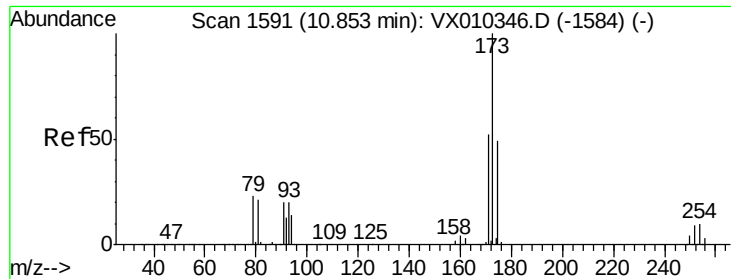
#70
Styrene
Concen: 44.217 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion:104 Resp: 336156
Ion Ratio Lower Upper
104 100
78 47.5 36.2 54.2
103 55.9 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 40.120 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89558

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

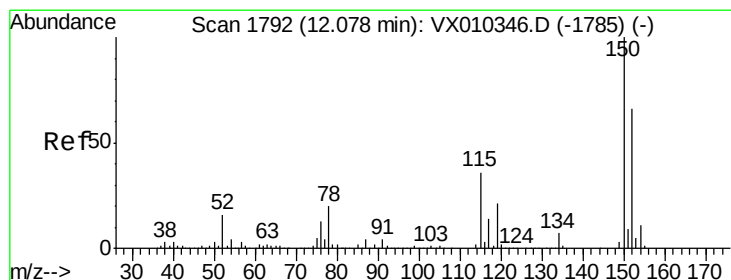
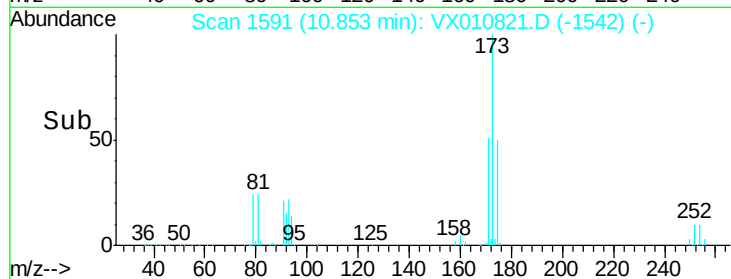
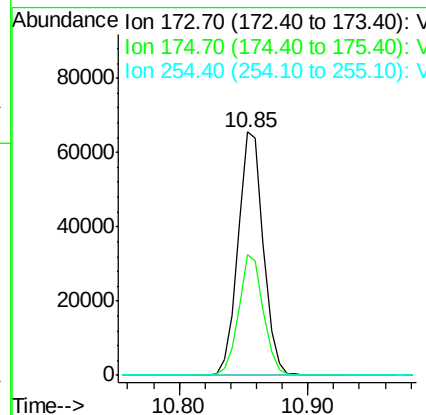
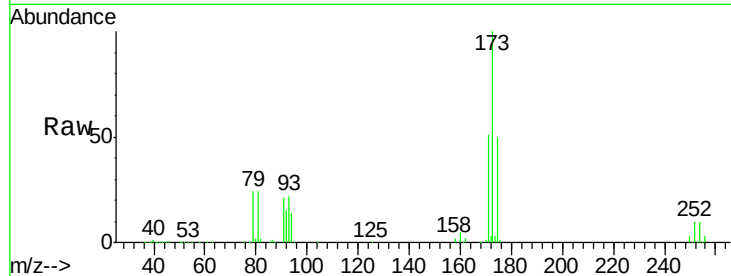
254 0.1 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

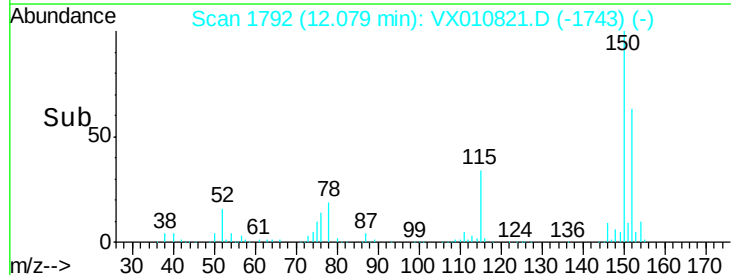
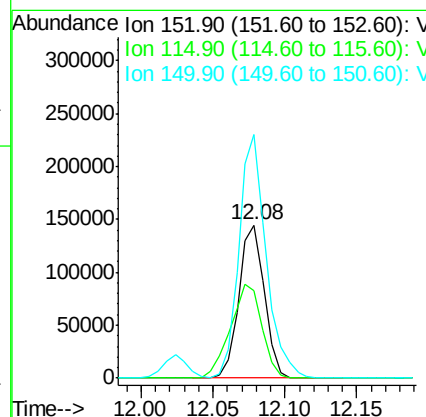
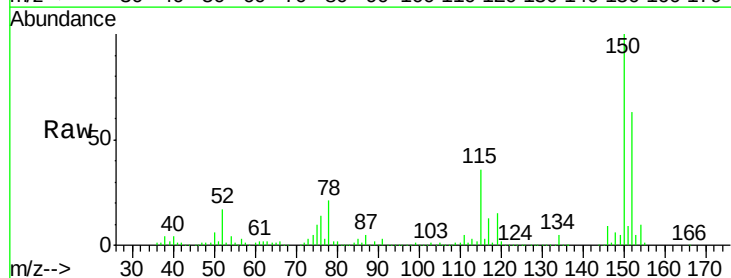
Tgt Ion:152 Resp: 178681

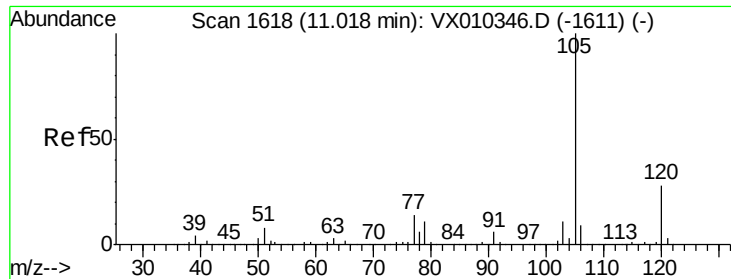
Ion Ratio Lower Upper

152 100

115 75.8 38.6 115.7

150 169.2 0.0 347.4





#73

Isopropylbenzene

Concen: 42.778 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 518143

Ion Ratio Lower Upper

105 100

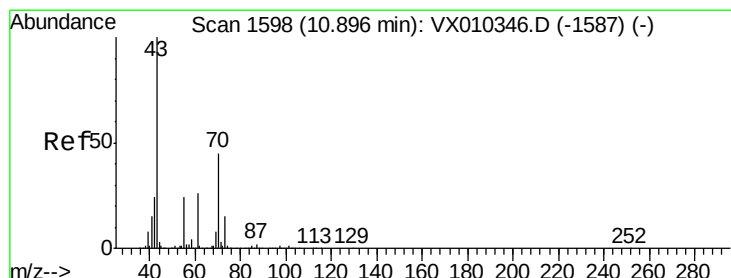
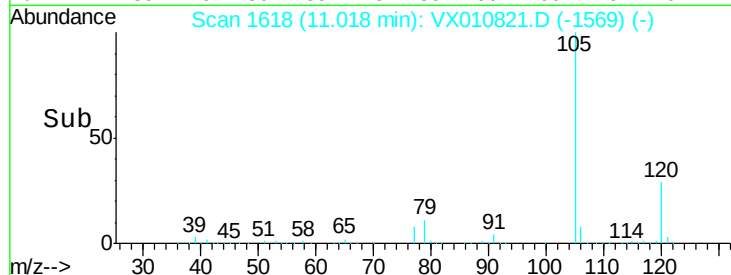
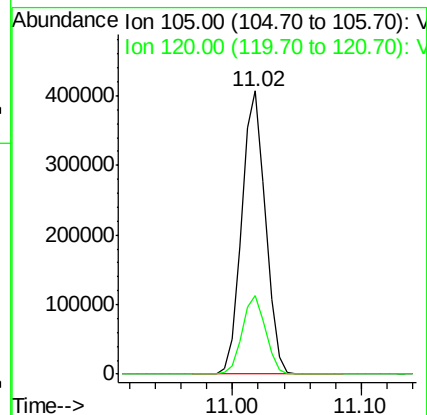
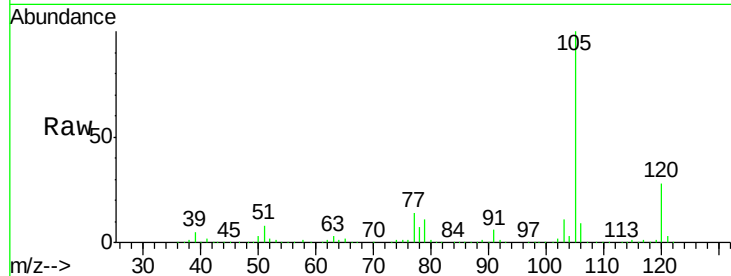
120 27.5 14.1 42.4

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#74

N-ethyl acetate

Concen: 45.926 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion: 43 Resp: 210226

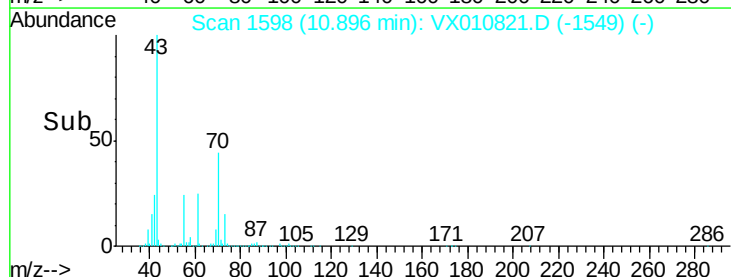
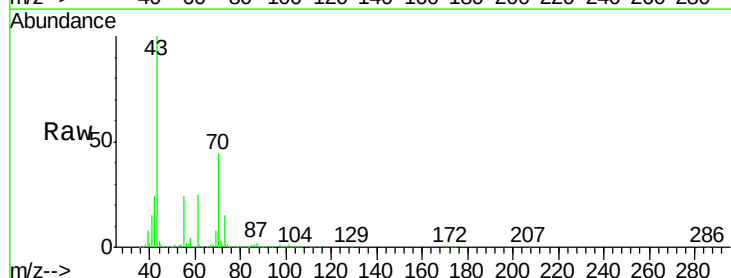
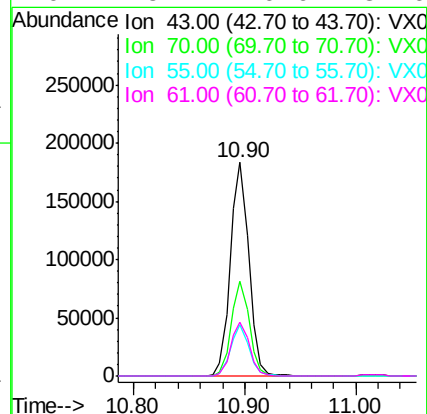
Ion Ratio Lower Upper

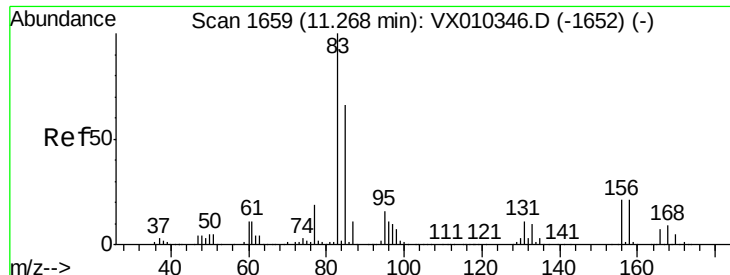
43 100

70 43.8 36.6 54.8

55 24.2 18.7 28.1

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.403 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

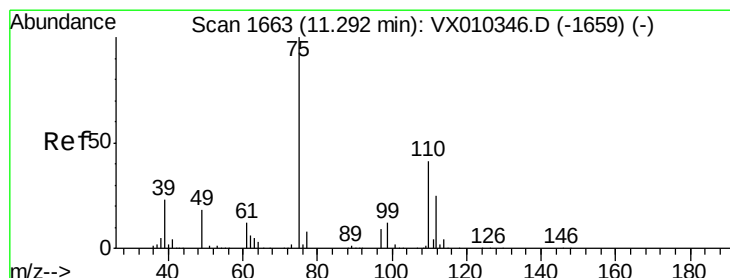
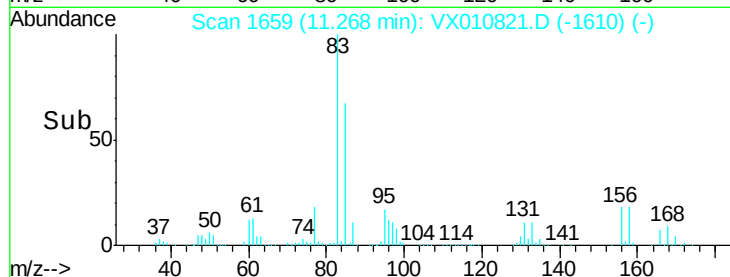
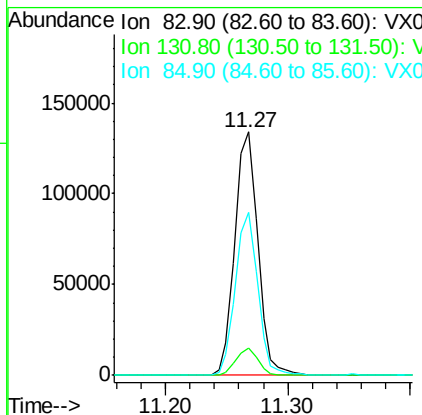
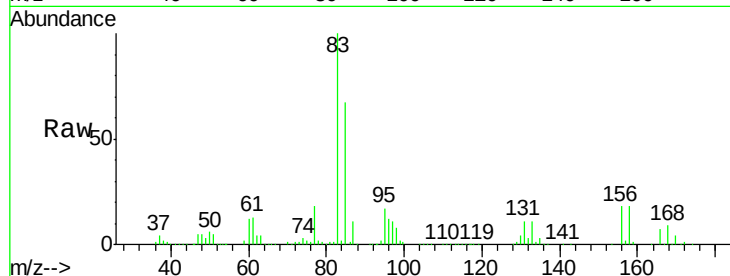
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	174101
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	65.5	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 43.702 ug/l m

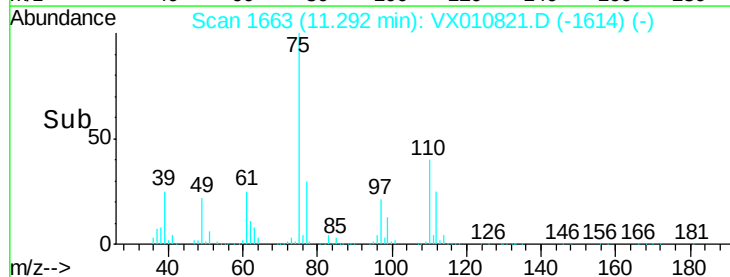
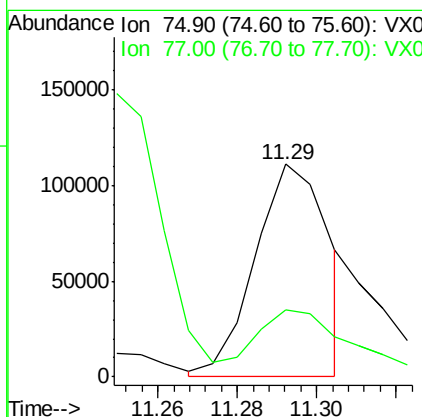
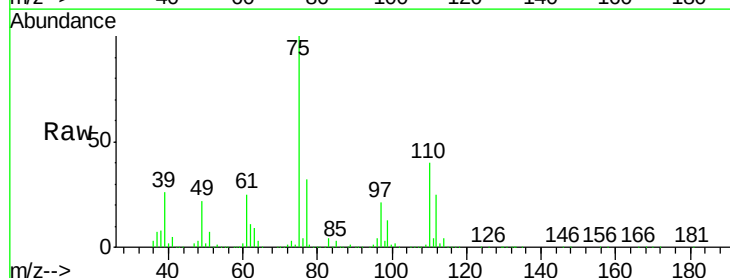
RT: 11.29 min Scan# 1663

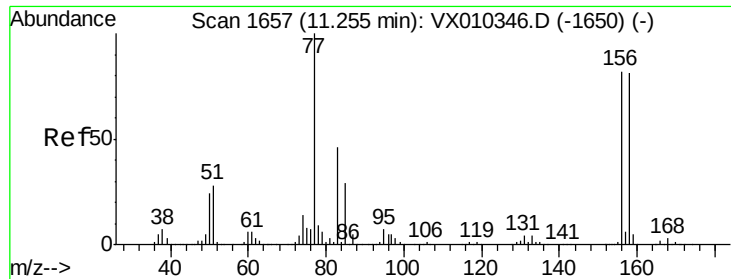
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	75	Resp:	142294
Ion Ratio	Lower	Upper	
75	100		
77	41.5	22.6	67.8





#77

Bromobenzene

Concen: 42.095 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

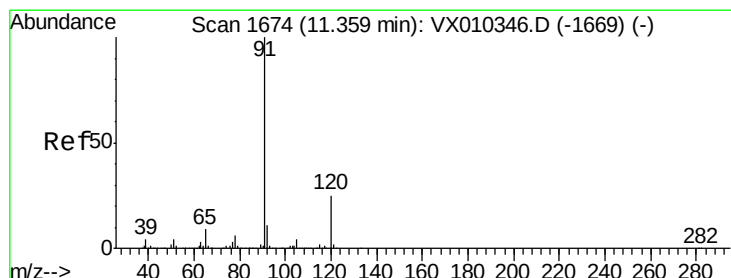
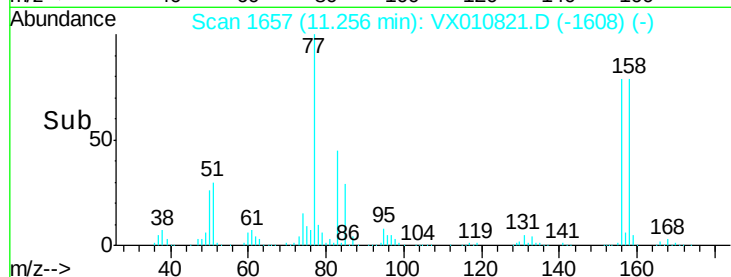
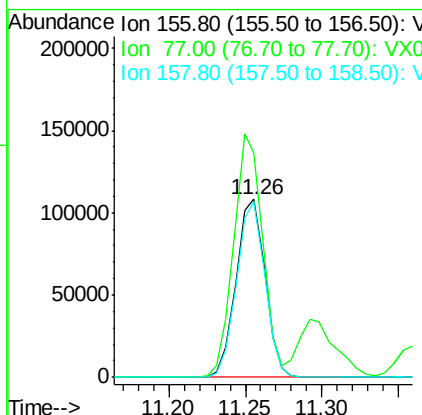
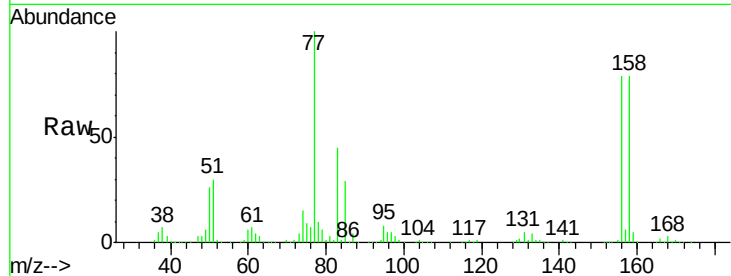
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	142371
Ion Ratio	Lower	Upper	
156	100		
77	136.4	66.3	198.7
158	97.1	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 44.298 ug/l

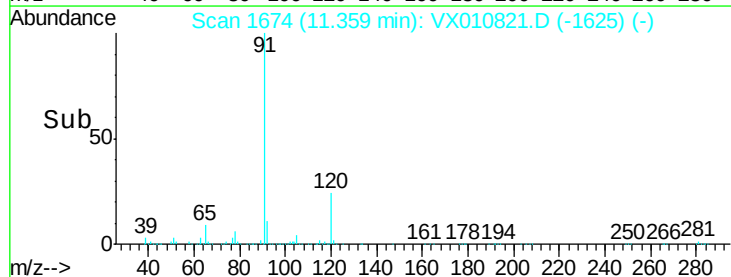
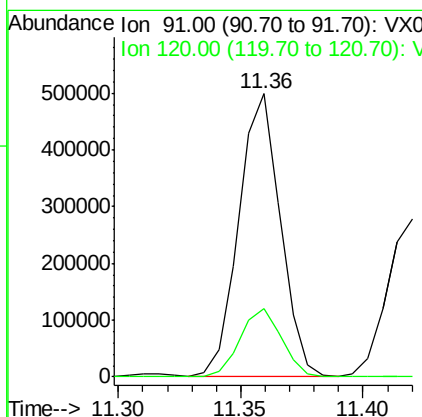
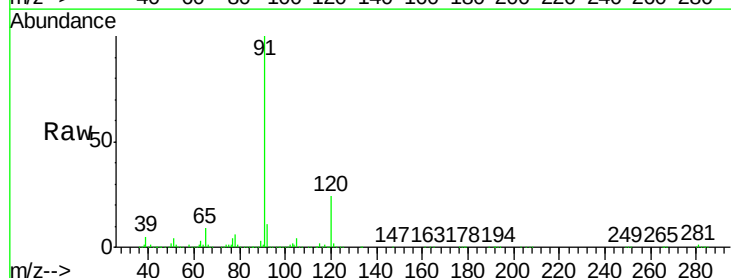
RT: 11.36 min Scan# 1674

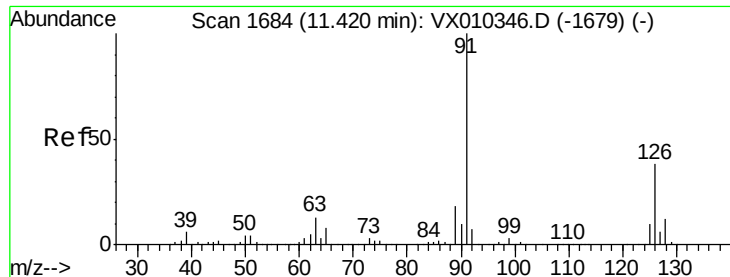
Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	91	Resp:	589694
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.4





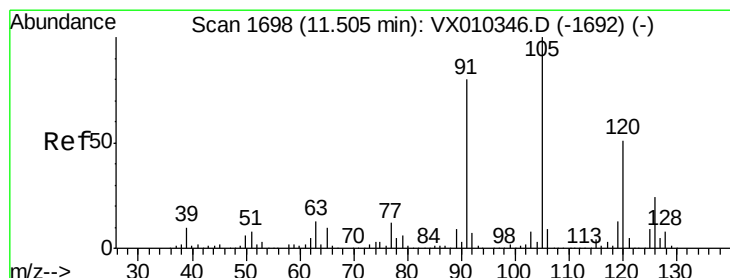
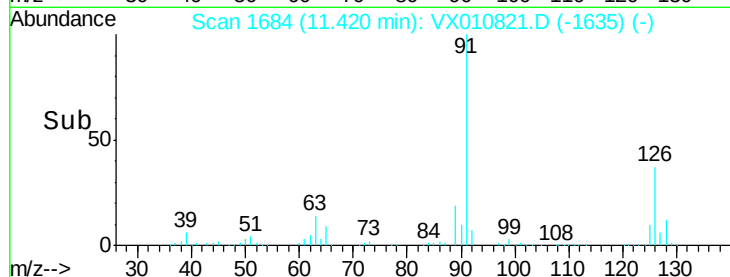
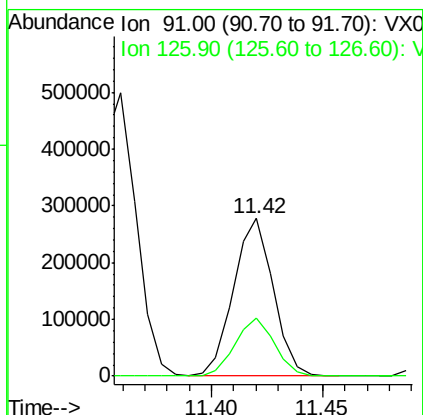
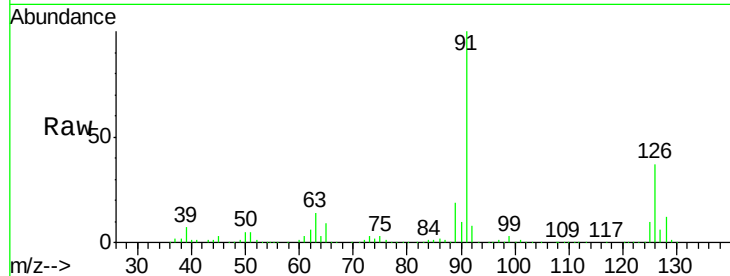
#79
 2-Chlorotoluene
 Concen: 43.407 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 344089
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1

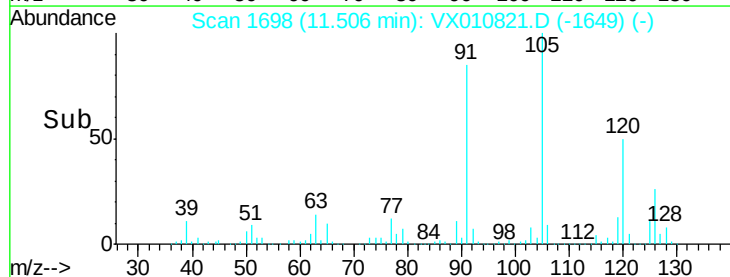
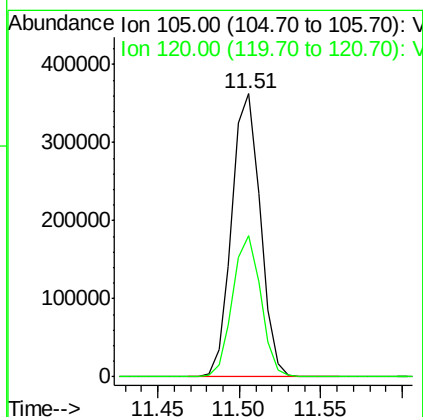
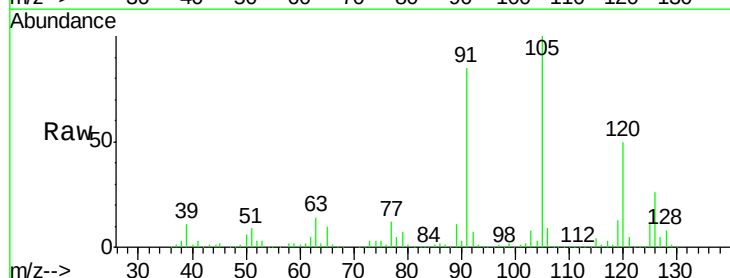
Manual Integrations
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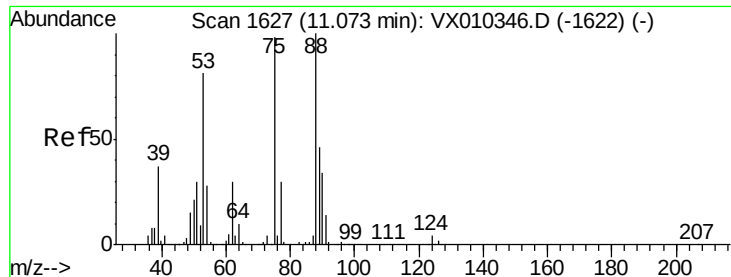
MMDadoda
 7/12/2019 12:21:40 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 44.363 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion: 105 Resp: 442975
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.2 75.6





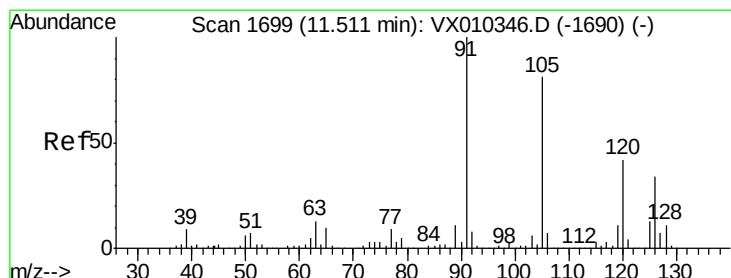
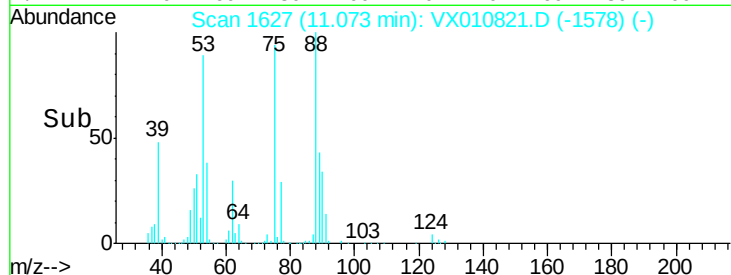
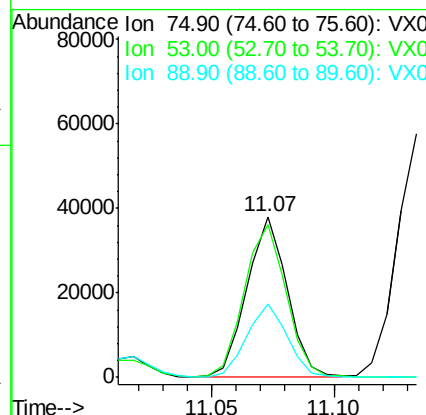
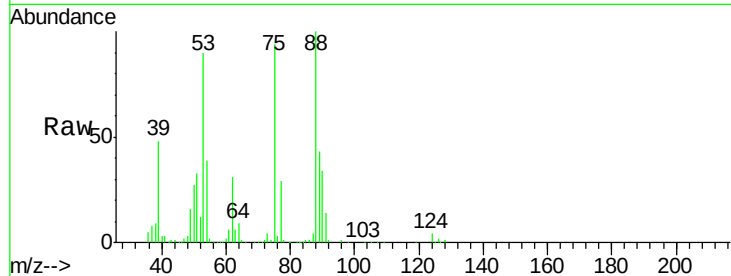
#81
trans-1,4-Dichloro-2-butene
Concen: 31.301 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	66.1	99.1
89	45.9	37.8	56.6

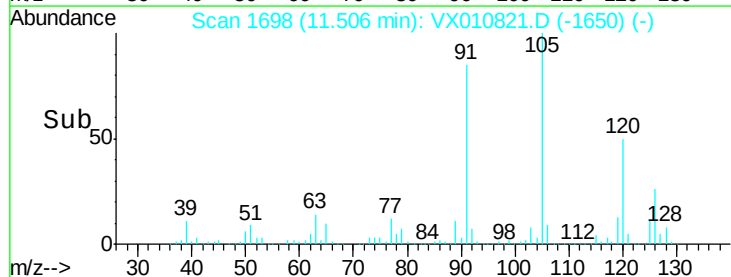
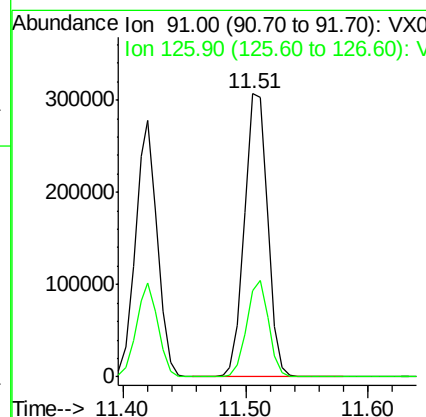
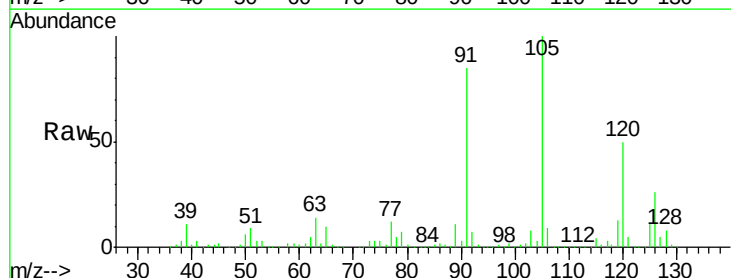
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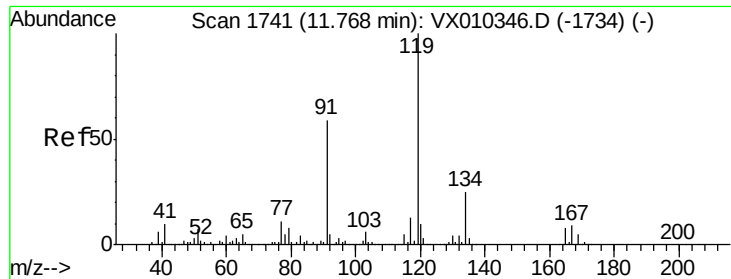
MMDadoda
7/12/2019 12:21:40 PM



#82
4-Chlorotoluene
Concen: 44.491 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010821.D
Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.2	48.6





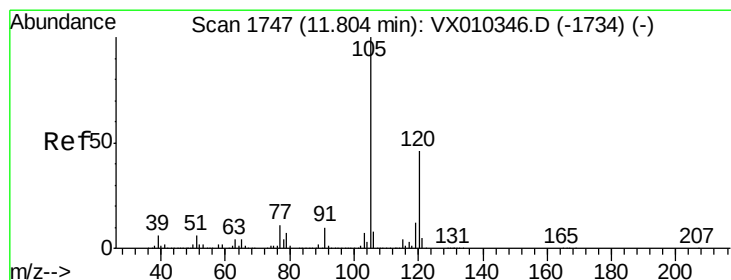
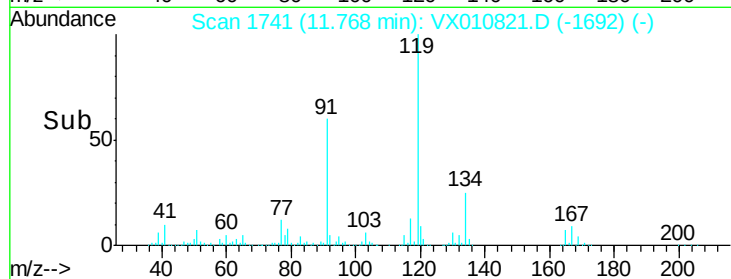
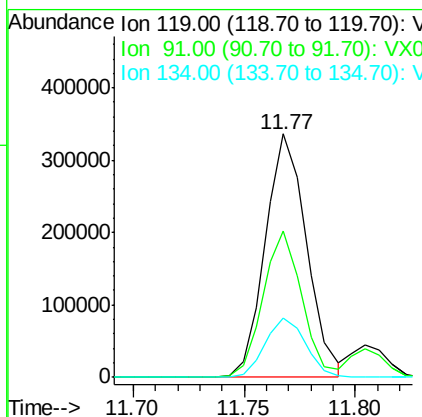
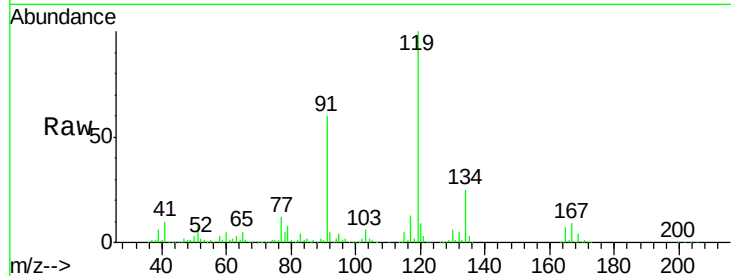
#83
 tert-Butylbenzene
 Concen: 43.269 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	27.6	82.7
134	23.8	11.8	35.4

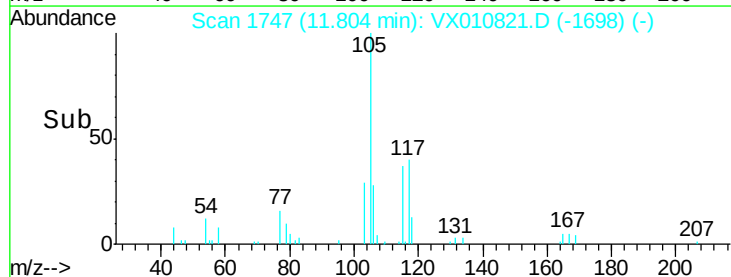
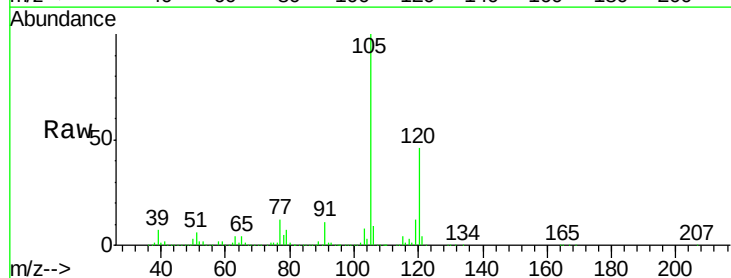
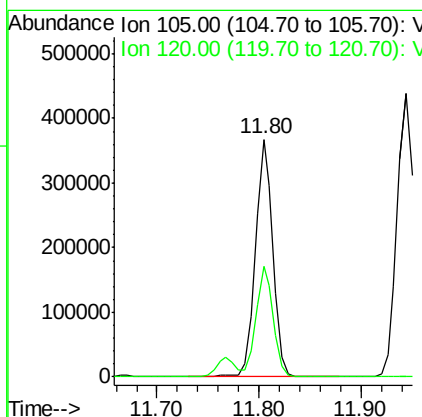
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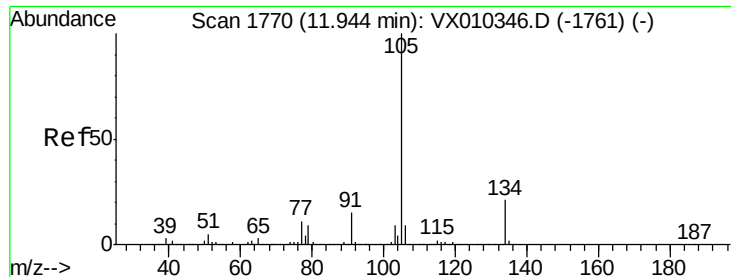
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.025 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.2





#85

sec-Butylbenzene

Concen: 44.065 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 518520

Ion Ratio Lower Upper

105 100

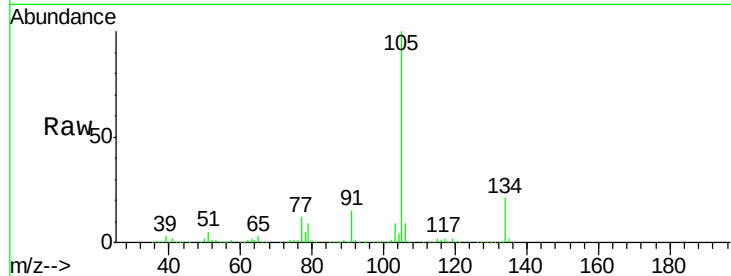
134 20.6 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

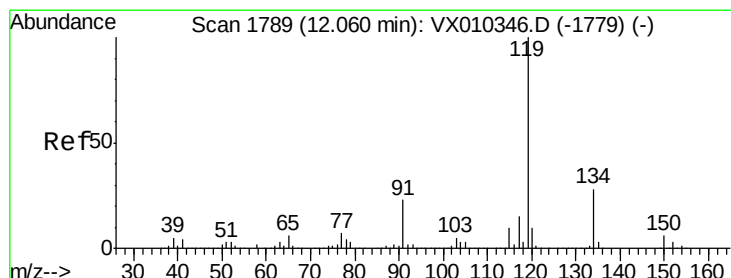
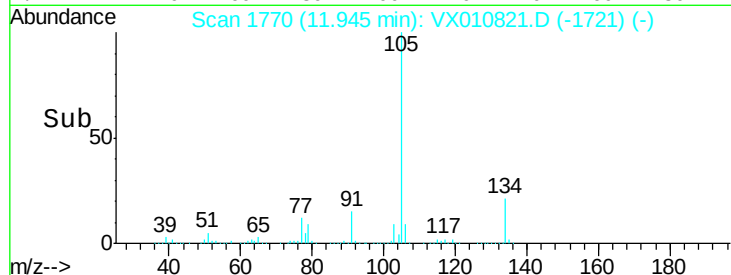
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 43.743 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

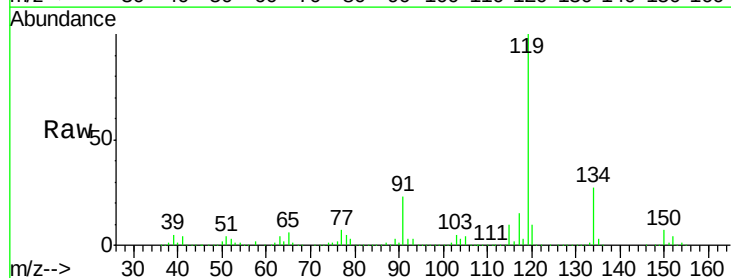
Tgt Ion:119 Resp: 476115

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 23.0 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

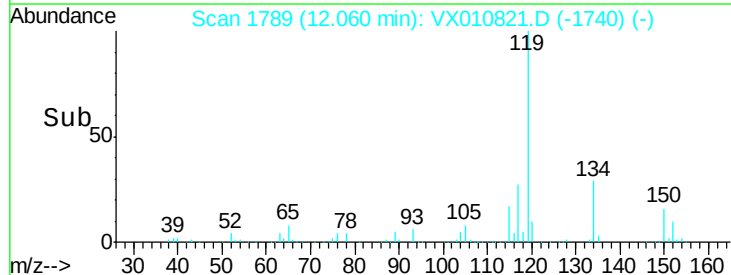
300000

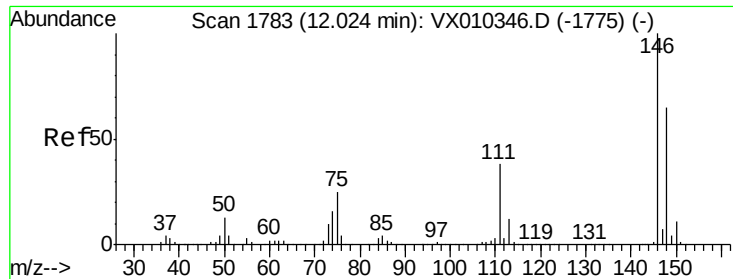
200000

100000

0

Time-->





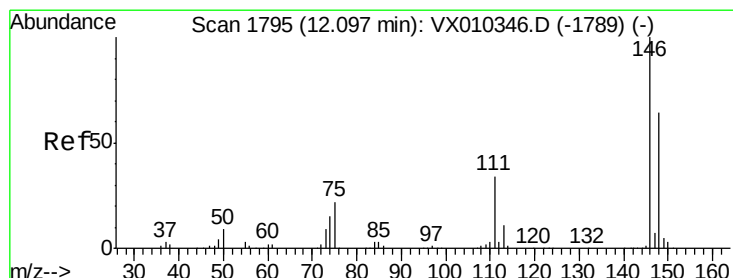
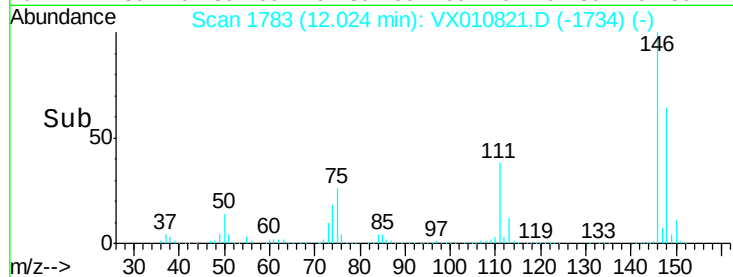
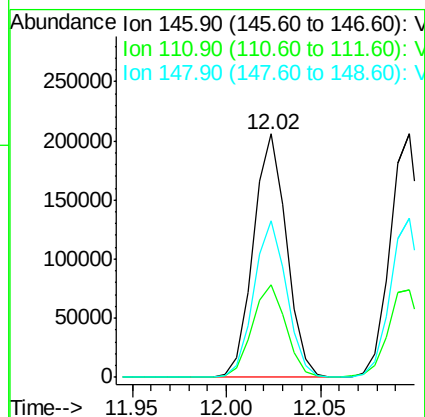
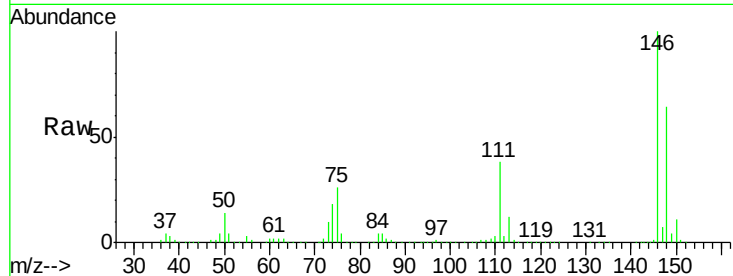
#87
 1,3-Dichlorobenzene
 Concen: 42.553 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	63.5	32.5	97.4

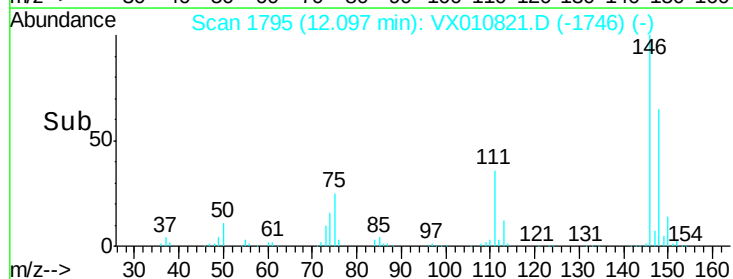
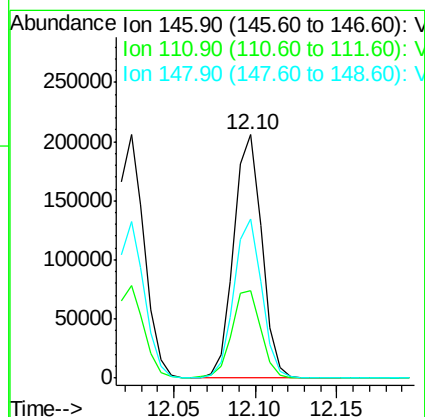
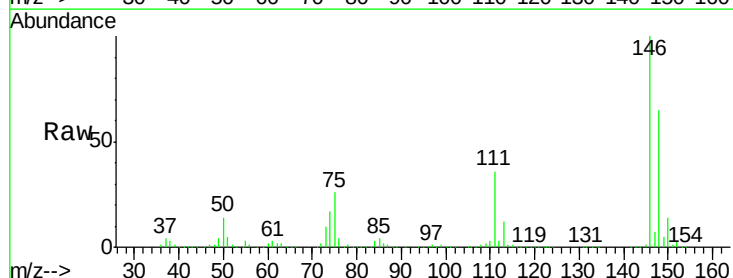
Manual Integrations
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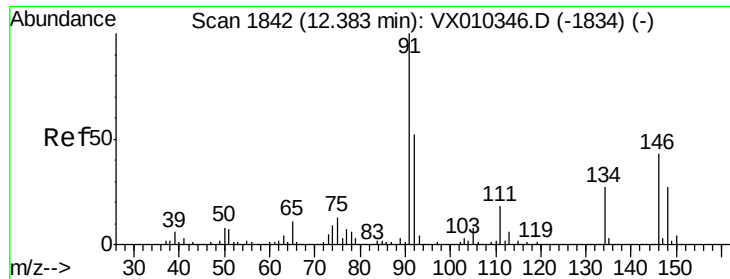
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#88
 1,4-Dichlorobenzene
 Concen: 41.067 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.3
148	64.6	32.1	96.3





#89

n-Butylbenzene

Concen: 44.336 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 410058

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

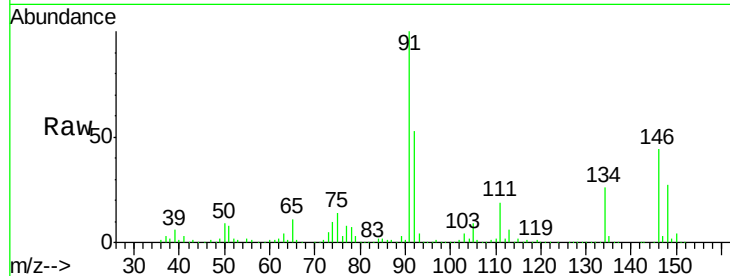
134 27.1 14.1 42.4

Manual Integrations

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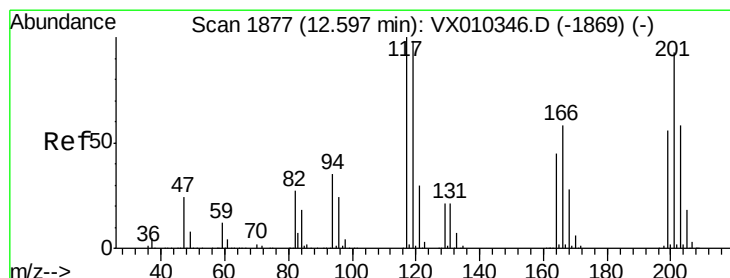
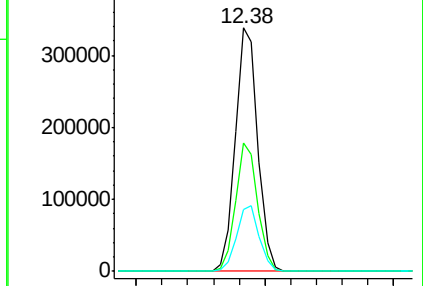
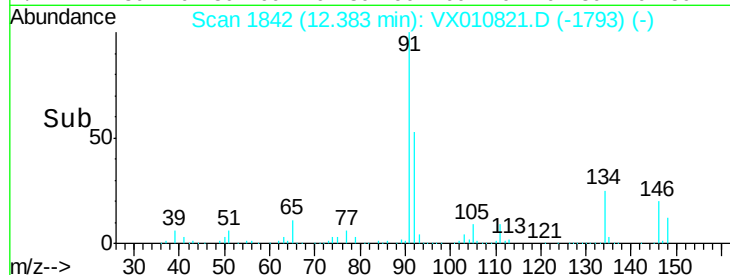


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 36.554 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010821.D

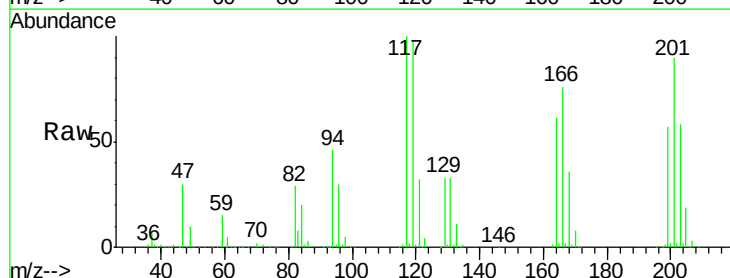
Acq: 11 Jul 2019 20:40

Tgt Ion: 117 Resp: 68796

Ion Ratio Lower Upper

117 100

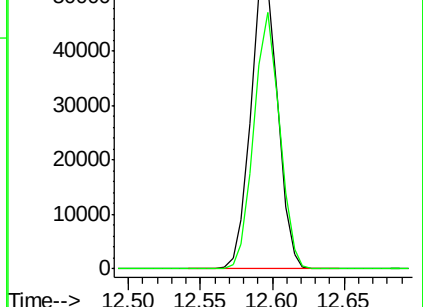
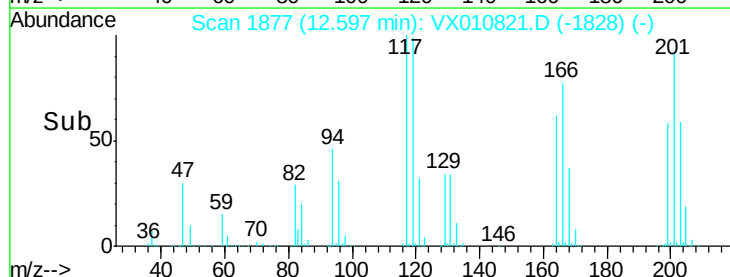
201 84.2 44.0 131.8

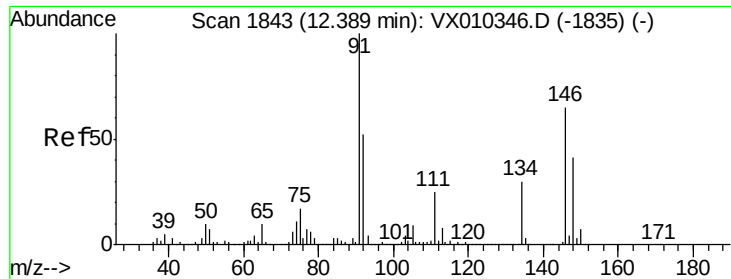


Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)

Time-->





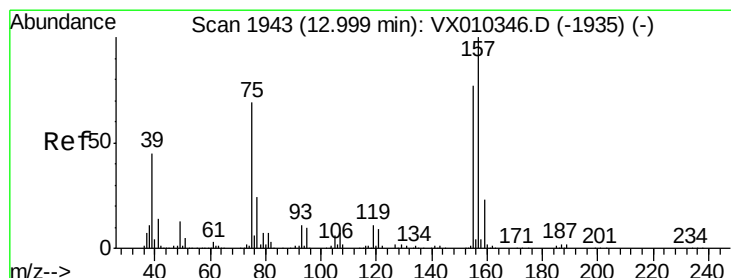
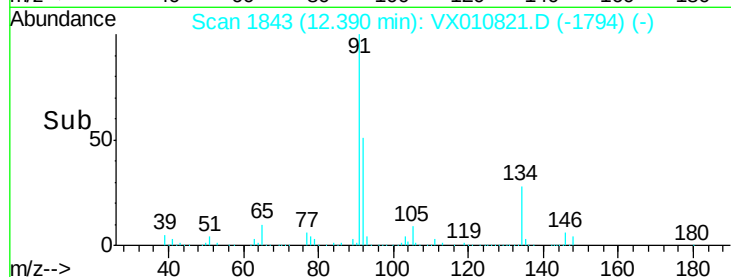
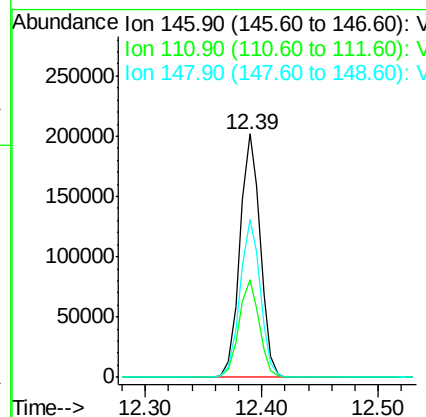
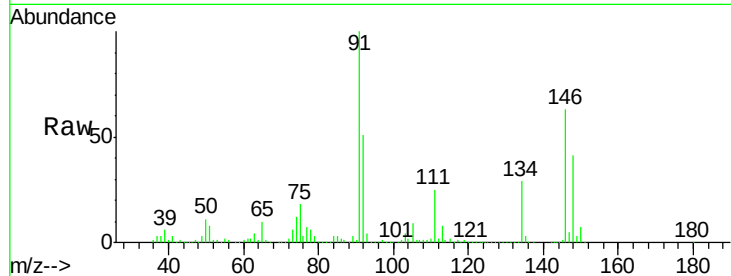
#91
 1,2-Dichlorobenzene
 Concen: 41.958 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	246192		
111	39.9	19.2	57.6	
148	64.9	32.0	96.0	

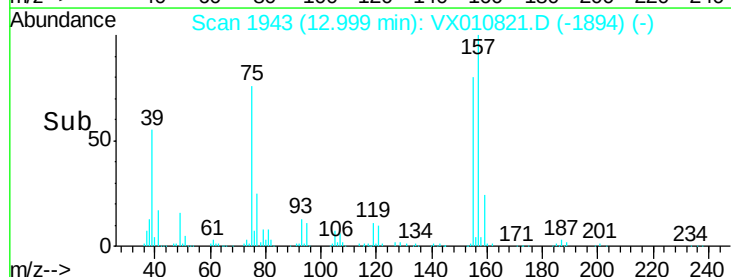
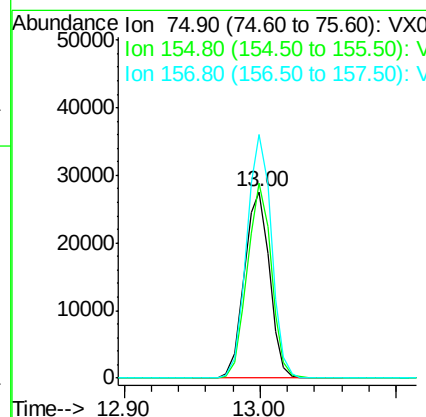
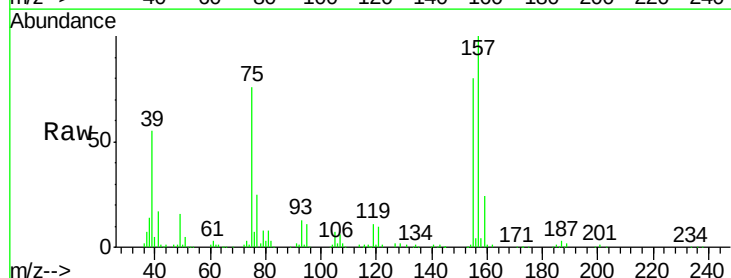
Manual Integrations
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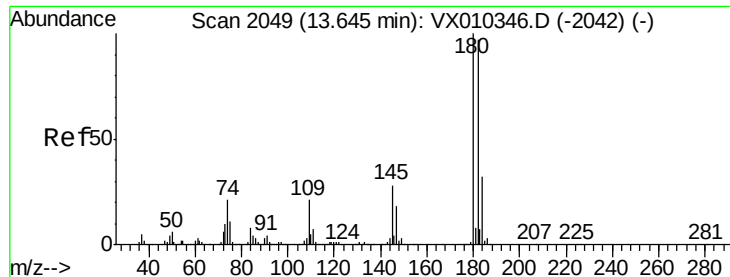
MMDadoda
 7/12/2019 12:21:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.201 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35633		
155	100.6	54.4	163.1	
157	128.1	69.5	208.3	





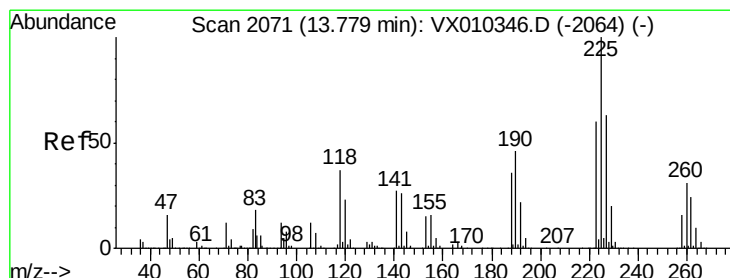
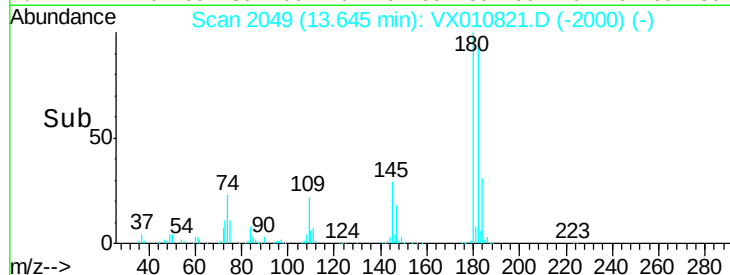
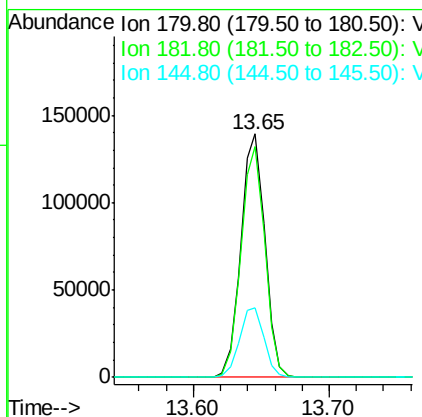
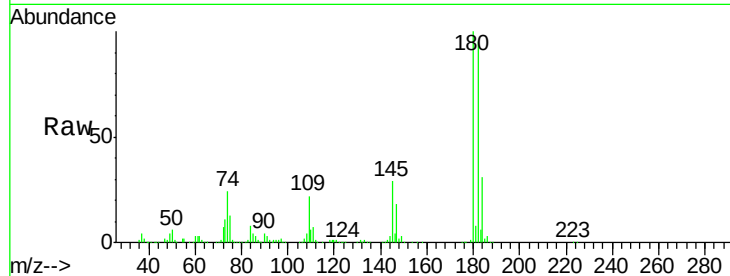
#93
 1,2,4-Trichlorobenzene
 Concen: 41.999 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	170895		
182	94.3	48.0	144.0	
145	29.1	14.4	43.4	

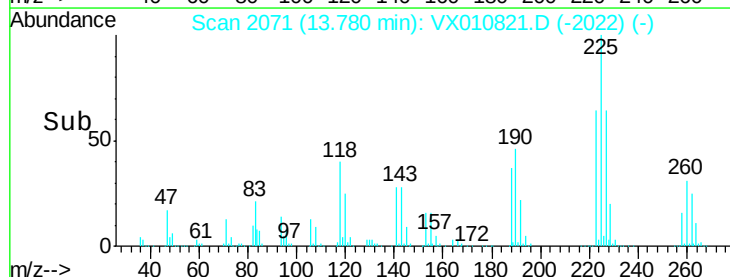
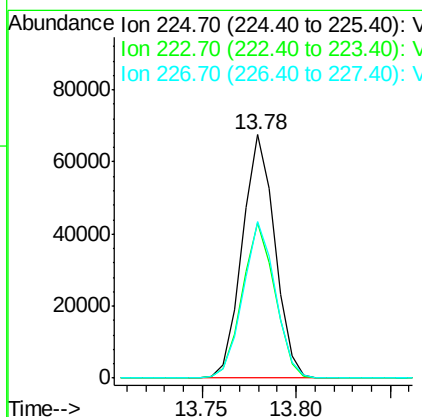
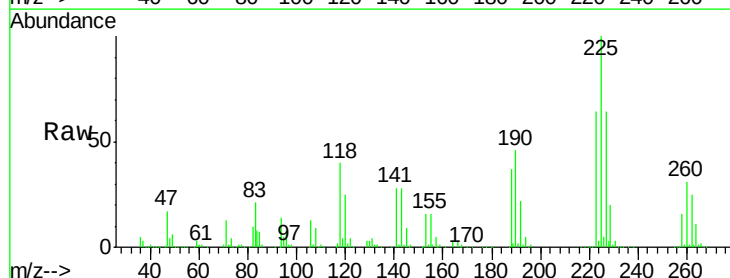
Manual Integrations
 APPROVED

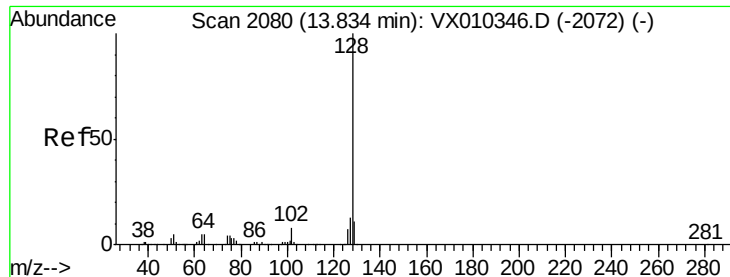
MMDadoda
 7/12/2019 12:21:40 PM



#94
 Hexachlorobutadiene
 Concen: 40.686 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010821.D
 Acq: 11 Jul 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80912		
223	63.4	30.9	92.7	
227	64.0	31.9	95.5	





#95

Naphthalene

Concen: 42.499 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Instrument :

MSVOA_X

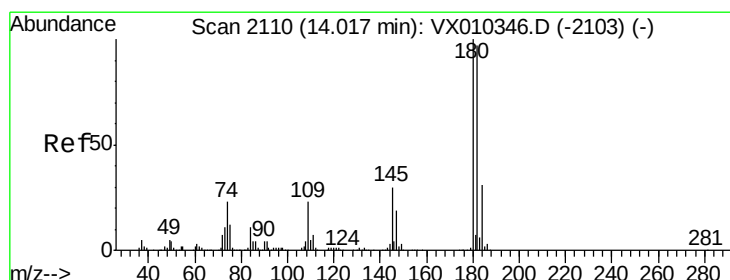
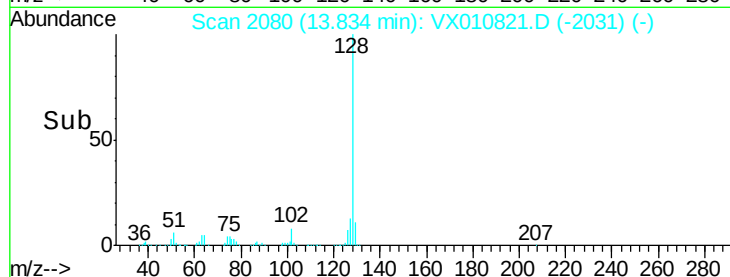
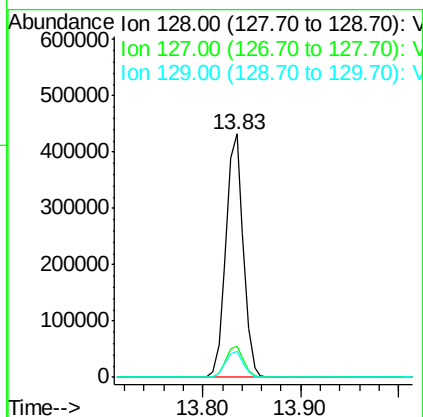
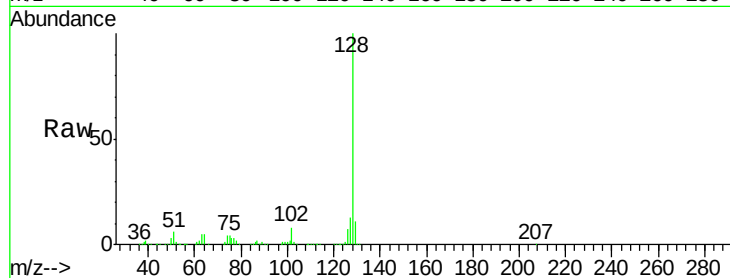
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	531424
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/12/2019 12:21:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 42.914 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010821.D

Acq: 11 Jul 2019 20:40

Tgt Ion:	180	Resp:	173615
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.8	143.3
145	31.2	15.2	45.6

