

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007172.D
 Acq On : 22 Jan 2019 10:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:21 AM

Quant Time: Jan 23 00:14:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	526618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	700432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388841	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	272927	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	5.50	113	253349	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	8.71	98	936325	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.13	95	362288	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	209917	48.540	ug/l	99
3) Chloromethane	1.33	50	227047	45.099	ug/l	99
4) Vinyl Chloride	1.41	62	247546	45.711	ug/l	98
5) Bromomethane	1.64	94	252915	43.712	ug/l	97
6) Chloroethane	1.72	64	161995	42.841	ug/l	96
7) Trichlorofluoromethane	1.93	101	408217	46.652	ug/l	97
8) Diethyl Ether	2.19	74	156920	45.077	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	251706	48.048	ug/l	99
10) Methyl Iodide	2.51	142	348212	49.277	ug/l	99
11) Tert butyl alcohol	3.07	59	248486	191.399	ug/l	99
12) 1,1-Dichloroethene	2.38	96	219968	45.448	ug/l	97
13) Acrolein	2.29	56	106171	190.363	ug/l	99
14) Allyl chloride	2.73	41	383837	46.274	ug/l	100
15) Acrylonitrile	3.15	53	634891	213.026	ug/l	100
16) Acetone	2.45	43	646105	237.468	ug/l	98
17) Carbon Disulfide	2.57	76	510496	40.967	ug/l	99
18) Methyl Acetate	2.78	43	344498	43.722	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	772156	45.964	ug/l	99
20) Methylene Chloride	2.86	84	252979	48.872	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	239544	44.412	ug/l	100
22) Diisopropyl ether	3.87	45	744721	47.756	ug/l	96
23) Vinyl Acetate	3.82	43	3092705	235.169	ug/l	97
24) 1,1-Dichloroethane	3.70	63	432304	49.577	ug/l	99
25) 2-Butanone	4.69	43	861500	221.290	ug/l	100
26) 2,2-Dichloropropane	4.58	77	333829	49.787	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	275224	46.261	ug/l	98
28) Bromochloromethane	5.02	49	181566	47.525	ug/l	96
29) Tetrahydrofuran	5.14	42	517754	204.644	ug/l	98
30) Chloroform	5.21	83	439261	48.114	ug/l	97
31) Cyclohexane	5.58	56	360564	46.459	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	380650	49.190	ug/l	98
36) 1,1-Dichloropropene	5.80	75	320606	49.201	ug/l	99
37) Ethyl Acetate	4.85	43	311847	44.639	ug/l	98
38) Carbon Tetrachloride	5.78	117	333951	50.937	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410102	49.367	ug/l	97
40) Benzene	6.14	78	955255	48.044	ug/l	100
41) Methacrylonitrile	5.06	41	179181	44.523	ug/l	98
42) 1,2-Dichloroethane	6.19	62	327669	47.690	ug/l	99
43) Isopropyl Acetate	6.45	43	520815	47.263	ug/l	99
44) Trichloroethene	7.21	130	288662	48.448	ug/l	99
45) 1,2-Dichloropropane	7.51	63	250401	50.094	ug/l	99
46) Dibromomethane	7.66	93	173999	49.529	ug/l	97
47) Bromodichloromethane	7.90	83	321842	53.822	ug/l	96
48) Methyl methacrylate	7.77	41	268454	47.439	ug/l	97
49) 1,4-Dioxane	7.75	88	111020	857.855	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1733470	244.780	ug/l	98
52) Toluene	8.78	92	632912	49.526	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	361325	54.492	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	390020	53.262	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	264284	51.667	ug/l	99
56) Ethyl methacrylate	9.18	69	390220	52.256	ug/l	95
57) 1,3-Dichloropropane	9.37	76	425866	50.819	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1249712	325.493	ug/l	99
59) 2-Hexanone	9.49	43	1361748	252.330	ug/l	99
60) Dibromochloromethane	9.58	129	282840	56.944	ug/l	98
61) 1,2-Dibromoethane	9.67	107	278842	49.517	ug/l	100
64) Tetrachloroethene	9.34	164	302488	49.881	ug/l	95
65) Chlorobenzene	10.13	112	762660	49.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	277877	54.071	ug/l	97
67) Ethyl Benzene	10.25	91	1266034	50.199	ug/l	99
68) m/p-Xylenes	10.36	106	1012121	101.861	ug/l	99
69) o-Xylene	10.69	106	493072	50.882	ug/l	96
70) Styrene	10.71	104	811371	52.866	ug/l	99
71) Bromoform	10.85	173	218201	47.698	ug/l	98
73) Isopropylbenzene	11.02	105	1330415	48.522	ug/l	98
74) N-amyl acetate	10.90	43	511694	46.352	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	389784	44.779	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	368639m	46.783	ug/l	
77) Bromobenzene	11.26	156	360325	47.694	ug/l	98
78) n-propylbenzene	11.36	91	1536775	51.056	ug/l	98
79) 2-Chlorotoluene	11.42	91	893210	49.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1128463	49.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	114643	44.368	ug/l	98
82) 4-Chlorotoluene	11.51	91	1043982	49.764	ug/l	100
83) tert-Butylbenzene	11.77	119	1114389	48.752	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1153219	50.056	ug/l	100
85) sec-Butylbenzene	11.94	105	1390231	50.926	ug/l	100
86) p-Isopropyltoluene	12.06	119	1260768	51.632	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	672859	49.274	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	675133	52.175	ug/l	99
89) n-Butylbenzene	12.38	91	1105115	53.090	ug/l	99
90) Hexachloroethane	12.60	117	193998	49.780	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	654535	48.571	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78540	45.622	ug/l	98

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ClientSampleId :
VSTDCCC050

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	478058	51.708	ug/l	99
94) Hexachlorobutadiene	13.78	225	226597	55.230	ug/l	99
95) Naphthalene	13.83	128	1343466	47.954	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	466255	50.767	ug/l	99

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

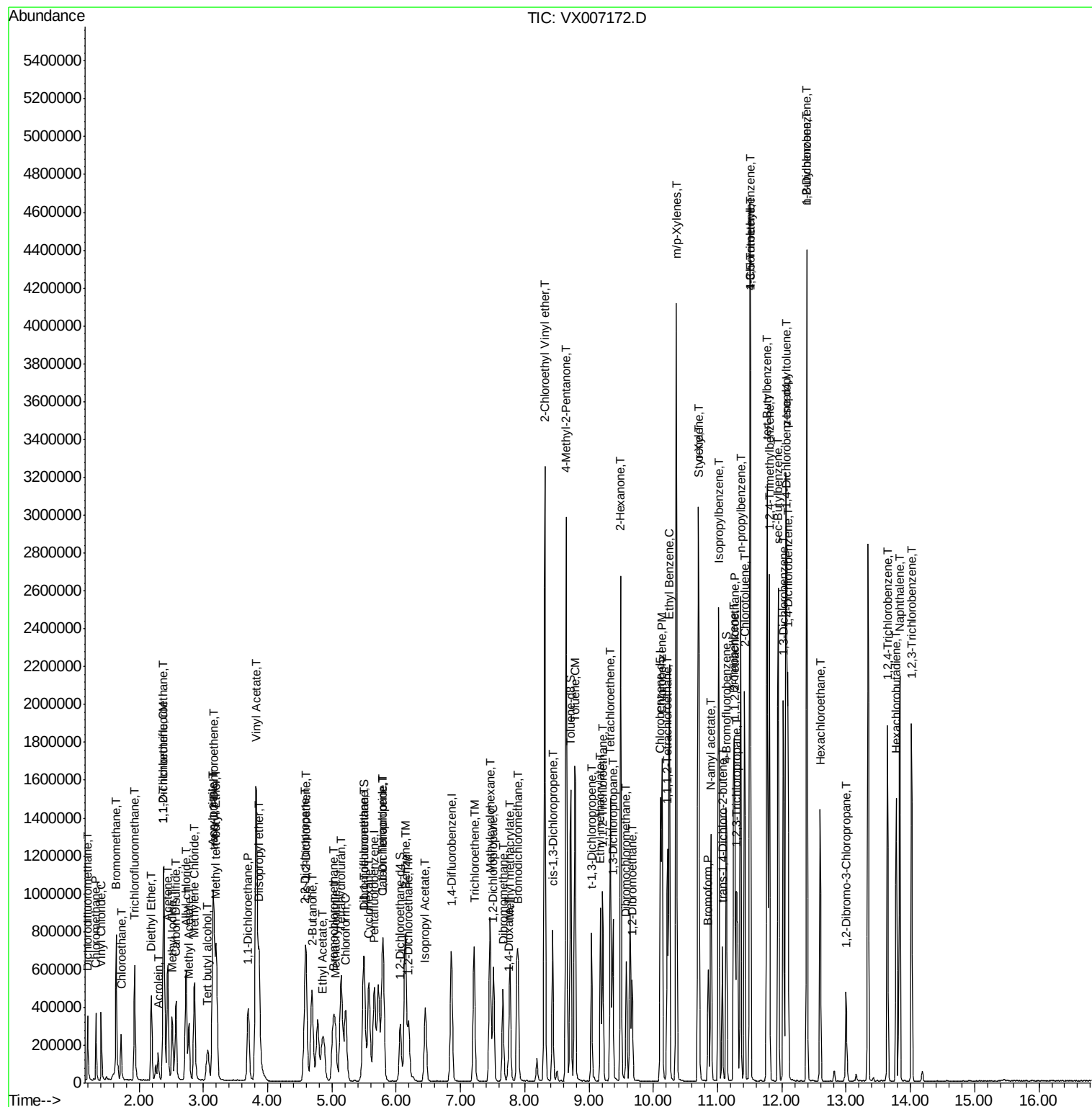
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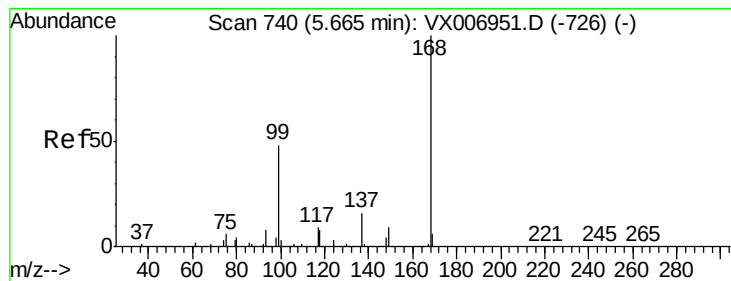
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 526618

Ion Ratio Lower Upper

168 100

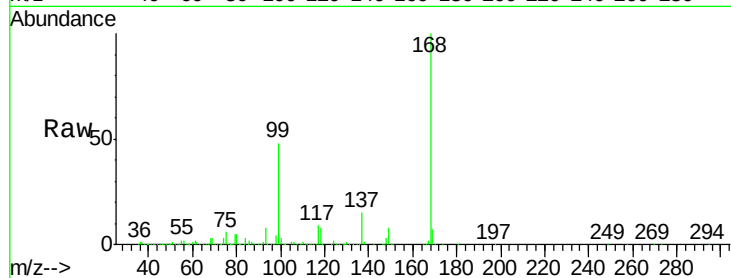
99 48.3 41.8 62.8

Manual Integrations

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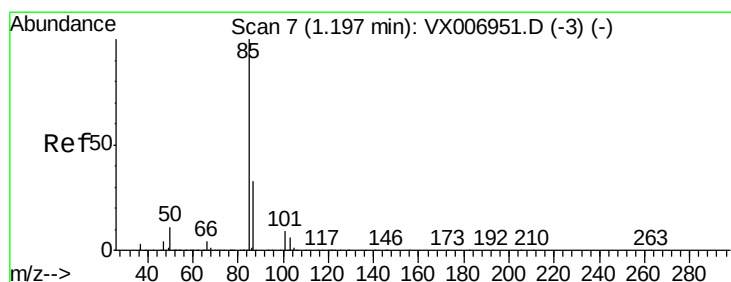
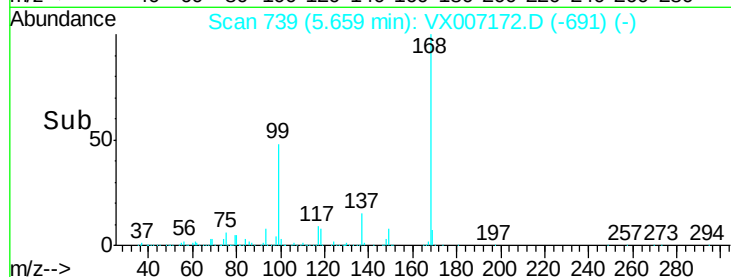
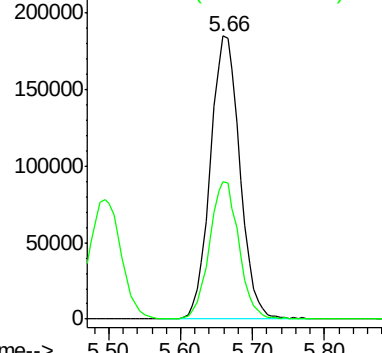
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.540 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007172.D

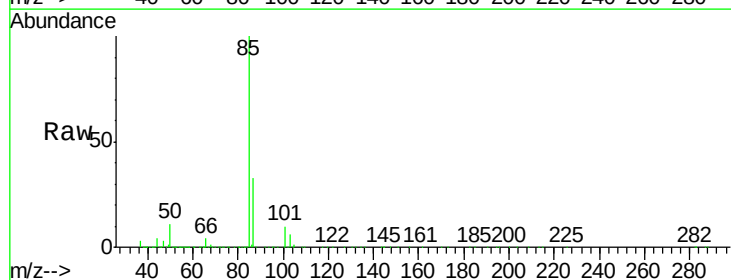
Acq: 22 Jan 2019 10:32

Tgt Ion: 85 Resp: 209917

Ion Ratio Lower Upper

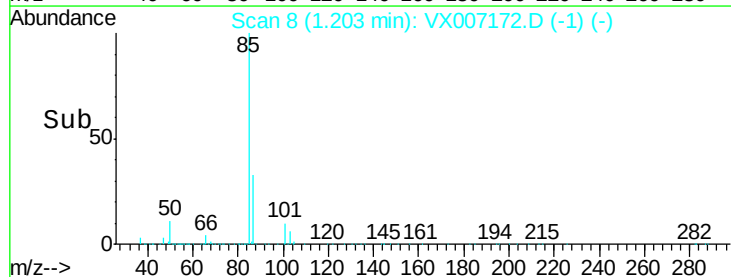
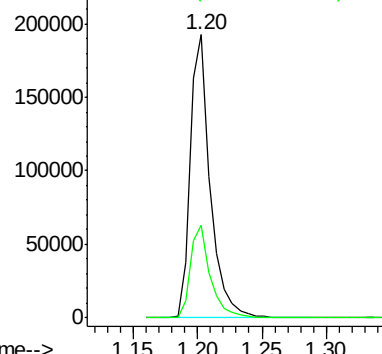
85 100

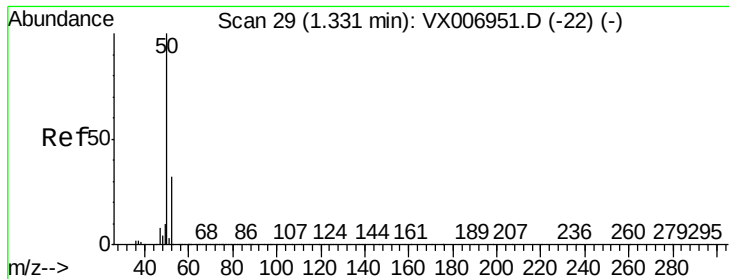
87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





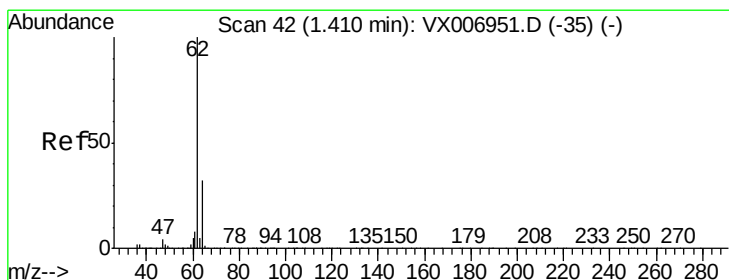
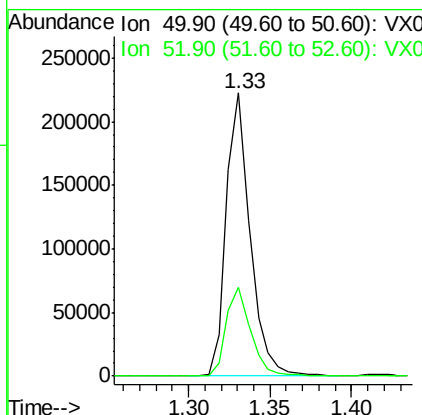
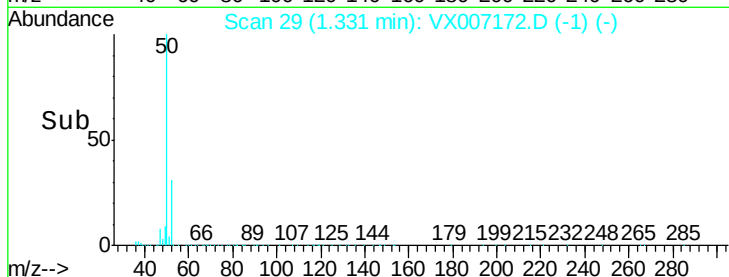
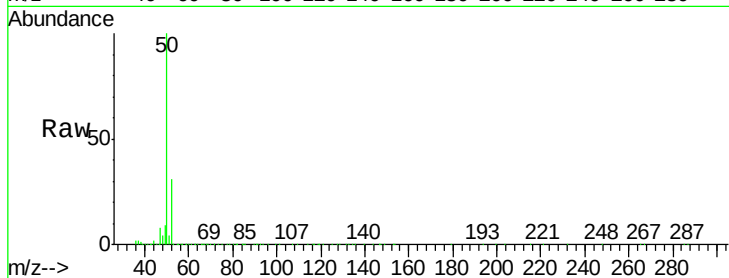
#3
Chloromethane
Concen: 45.099 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.4	38.2

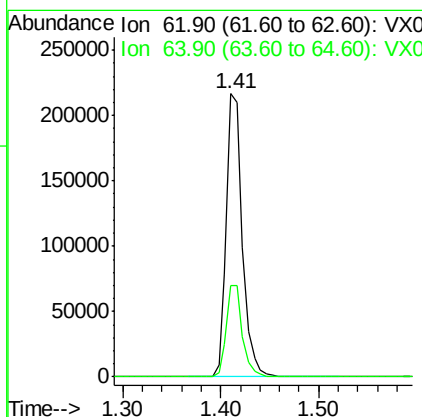
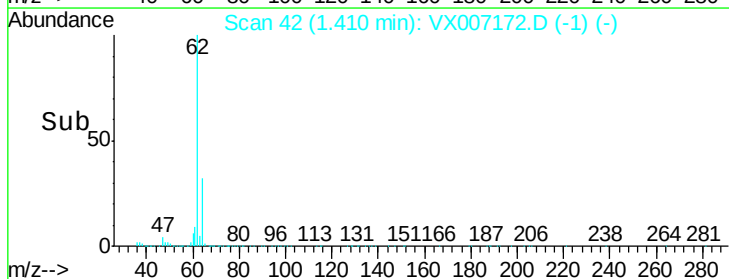
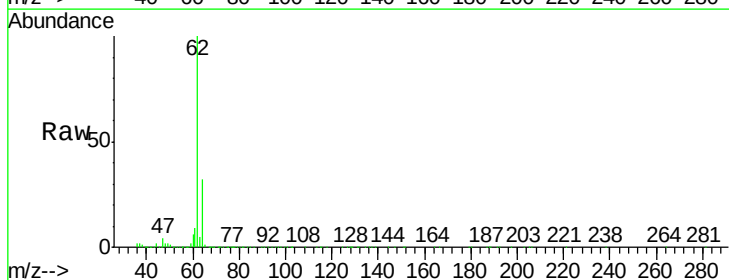
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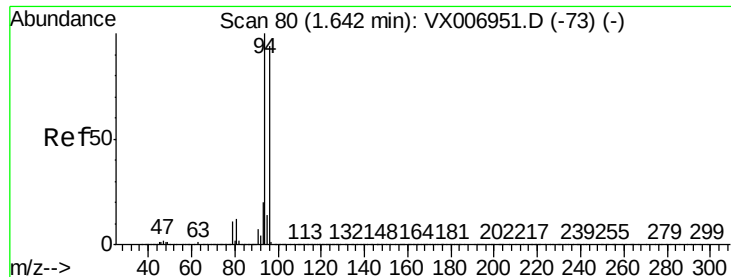
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#4
Vinyl Chloride
Concen: 45.711 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.1	37.7





#5

Bromomethane

Concen: 43.712 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 252915

Ion Ratio Lower Upper

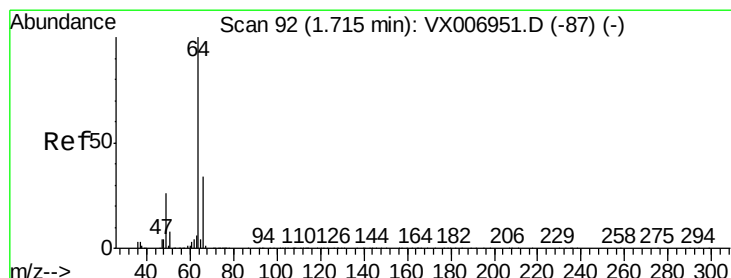
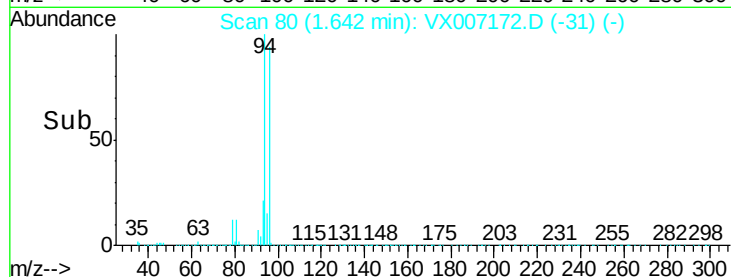
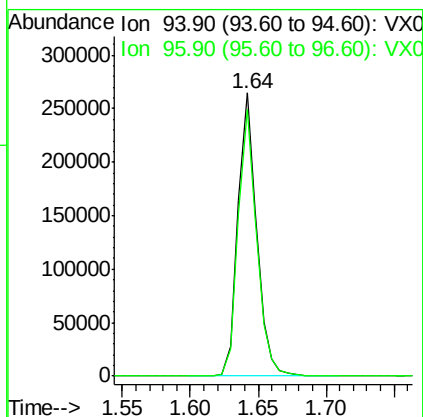
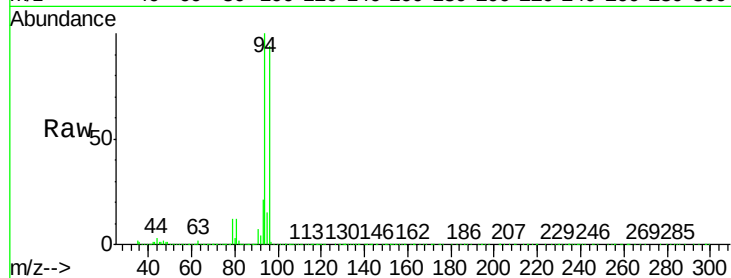
94 100

96 94.2 73.4 110.2

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#6

Chloroethane

Concen: 42.841 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007172.D

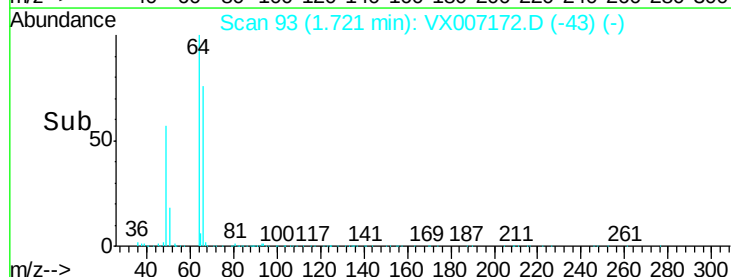
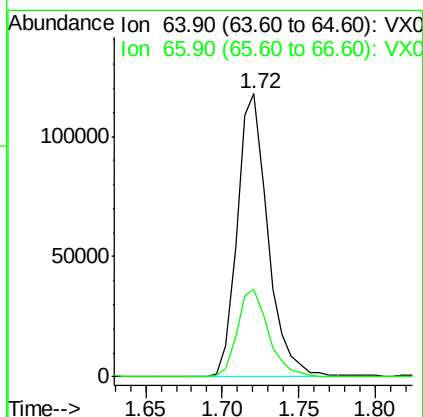
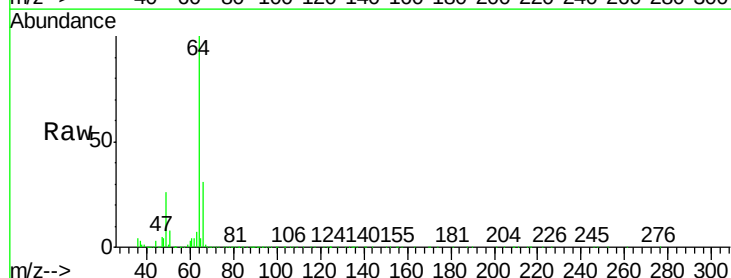
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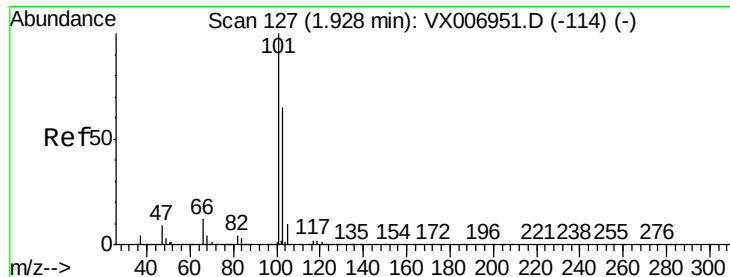
Tgt Ion: 64 Resp: 161995

Ion Ratio Lower Upper

64 100

66 30.9 26.4 39.6





#7

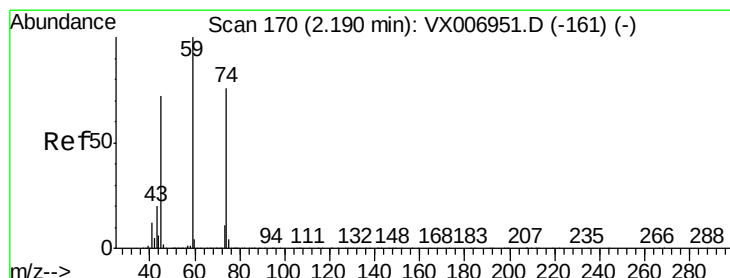
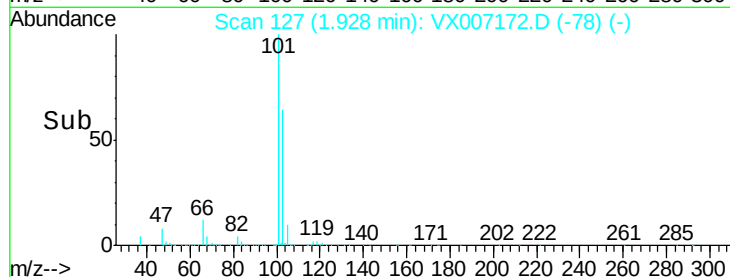
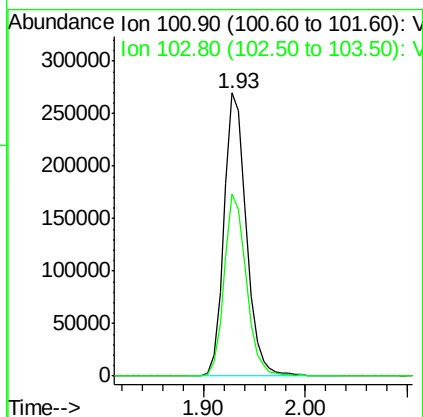
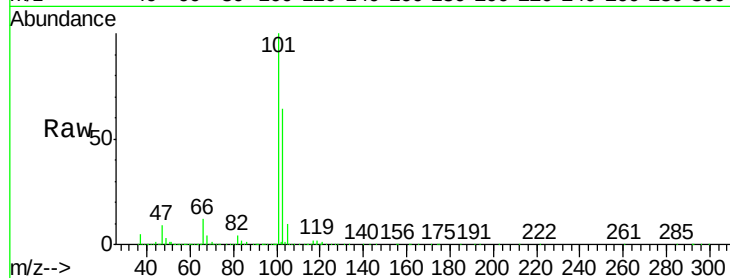
Trichlorofluoromethane
Concen: 46.652 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	53.2	79.8

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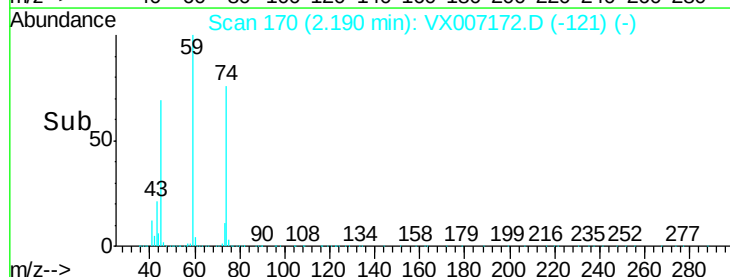
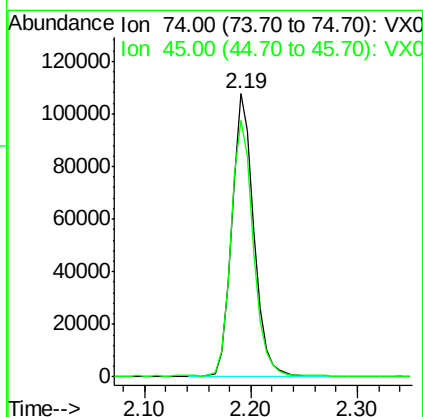
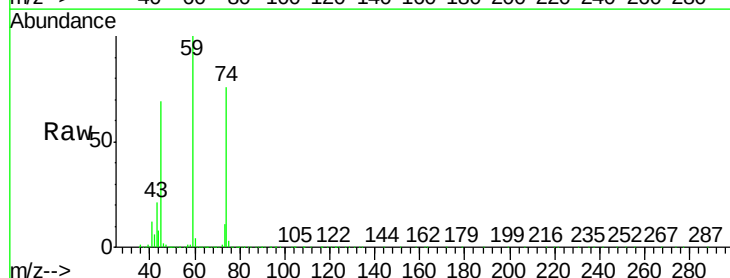
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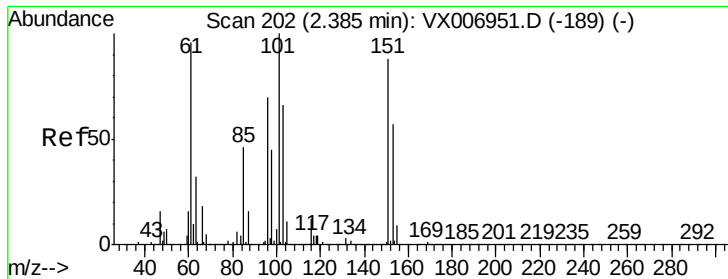


#8

Diethyl Ether
Concen: 45.077 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.048 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

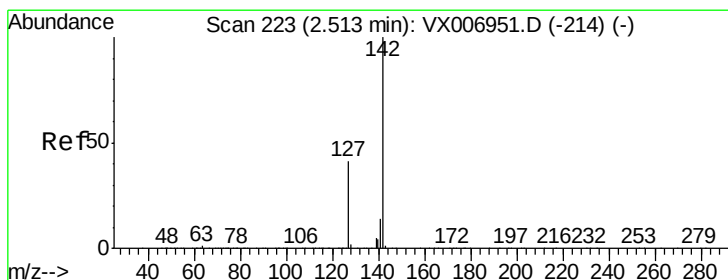
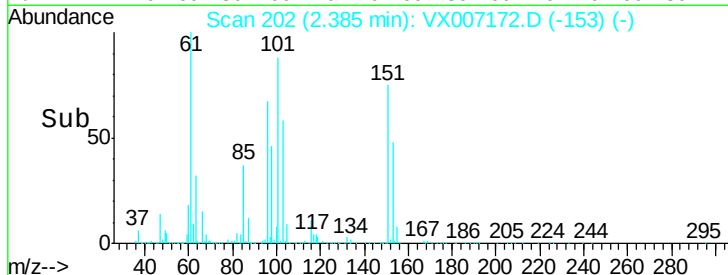
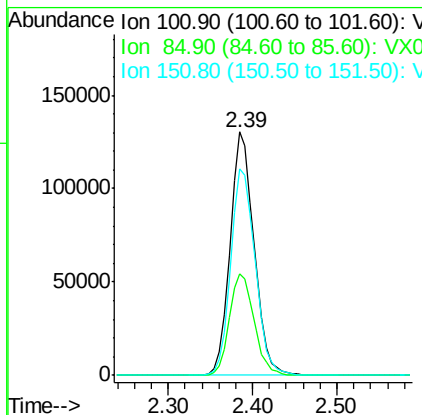
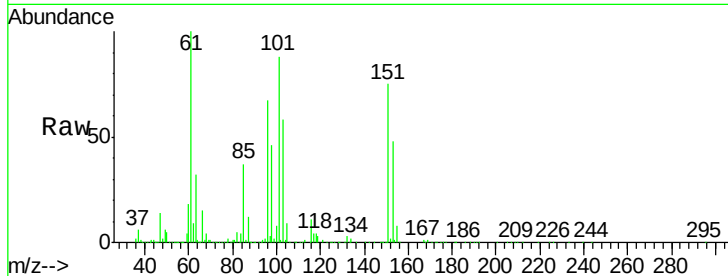
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	251706
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.1	52.7
151	86.8	68.9	103.3

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#10

Methyl Iodide

Concen: 49.277 ug/l

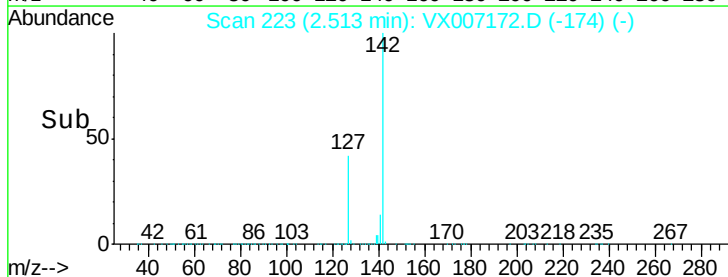
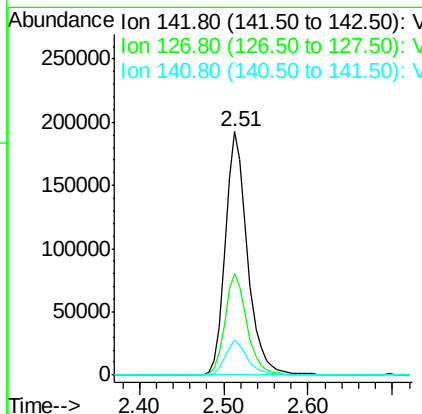
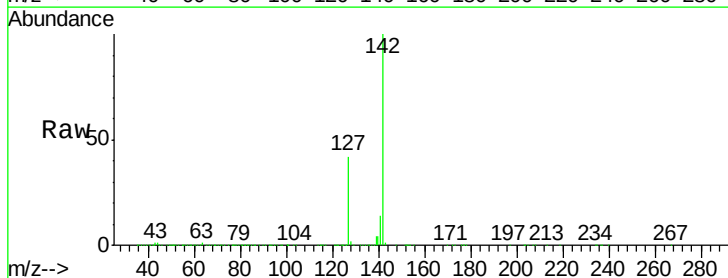
RT: 2.51 min Scan# 223

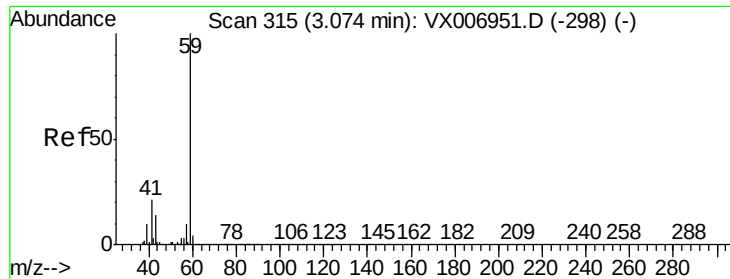
Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	142	Resp:	348212
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.9	50.9
141	14.3	11.4	17.0





#11

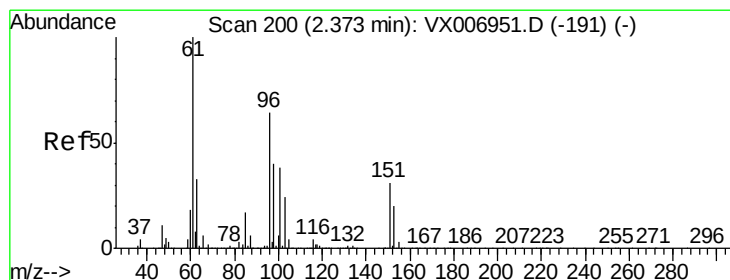
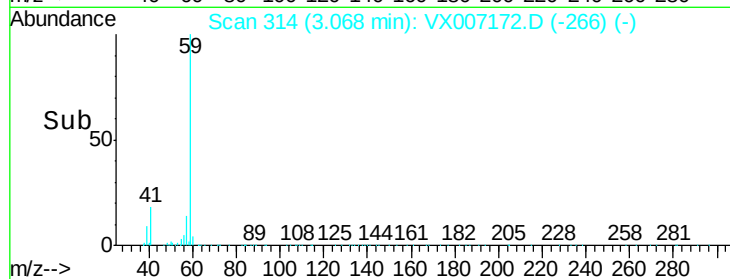
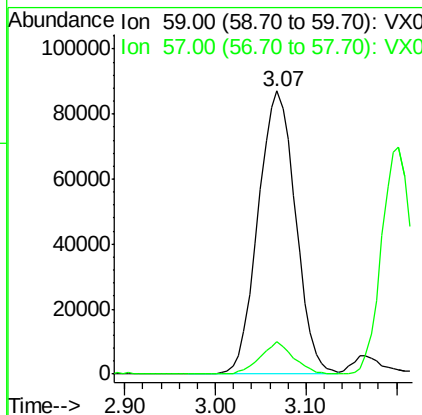
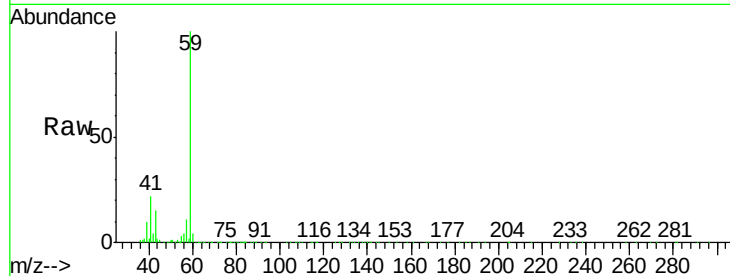
Tert butyl alcohol
Concen: 191.399 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

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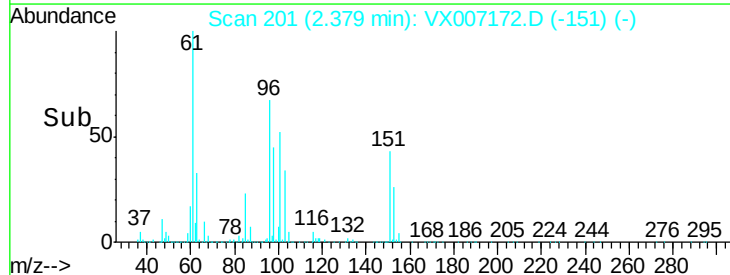
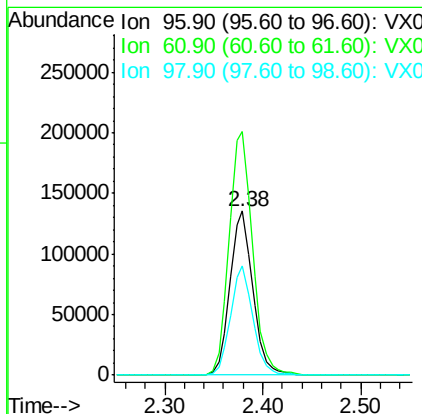
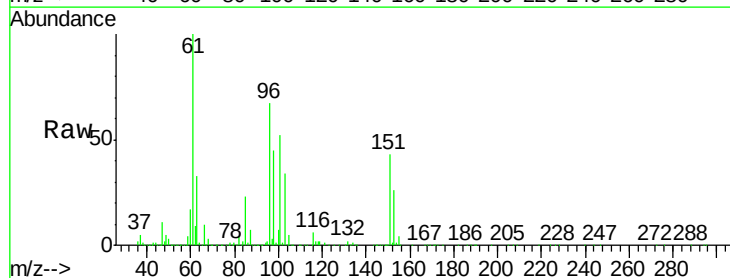
MMDadoda
1/23/2019 11:29:21 AM

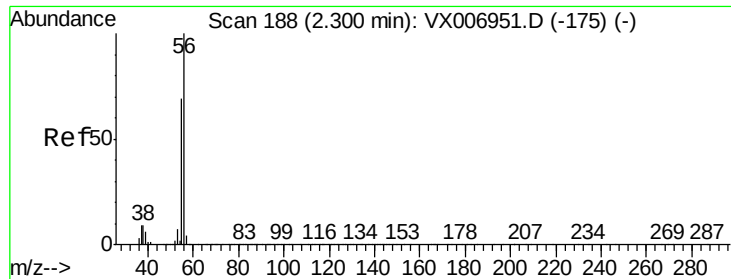


#12

1,1-Dichloroethene
Concen: 45.448 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	121.4	182.2
98	66.7	51.9	77.9





#13

Acrolein

Concen: 190.363 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 106171

Ion Ratio Lower Upper

56 100

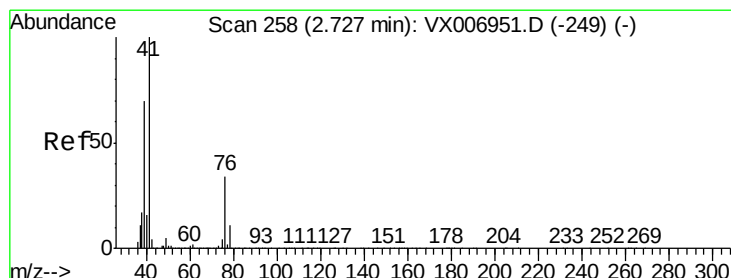
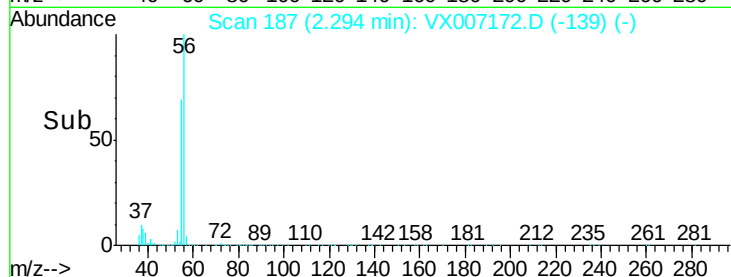
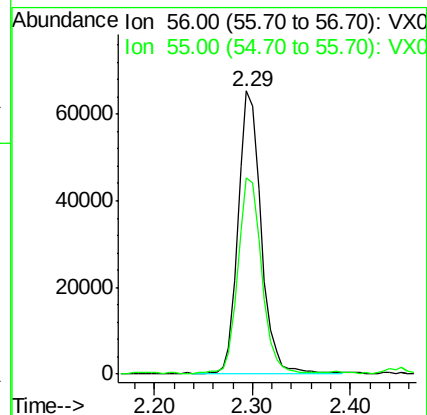
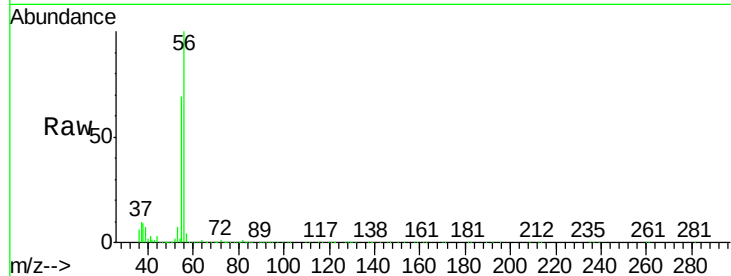
55 72.1 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 46.274 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

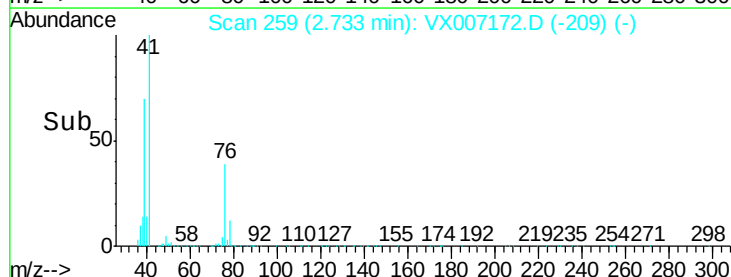
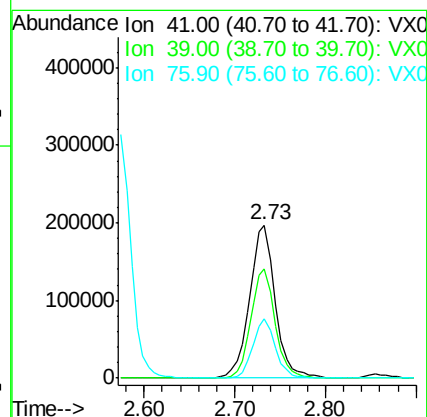
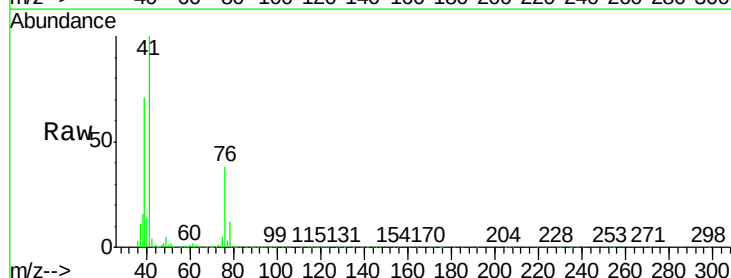
Tgt Ion: 41 Resp: 383837

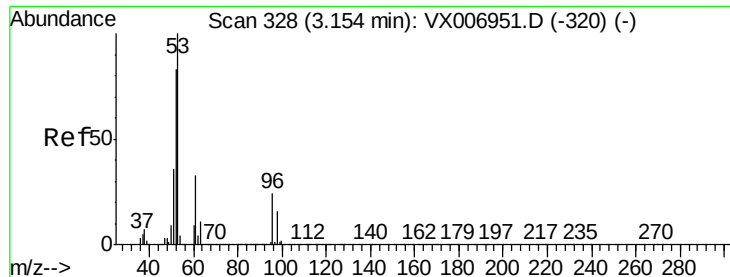
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 34.0 27.4 41.2





#15

Acrylonitrile

Concen: 213.026 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

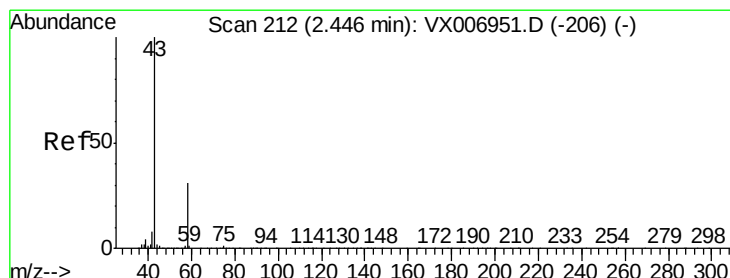
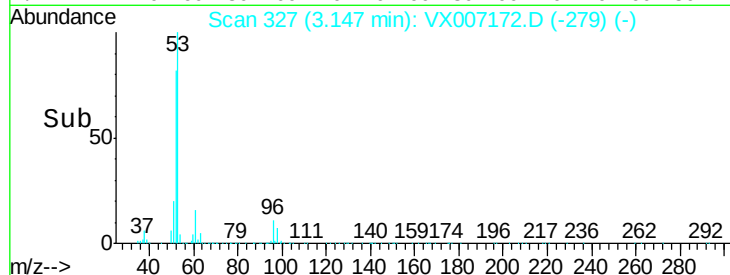
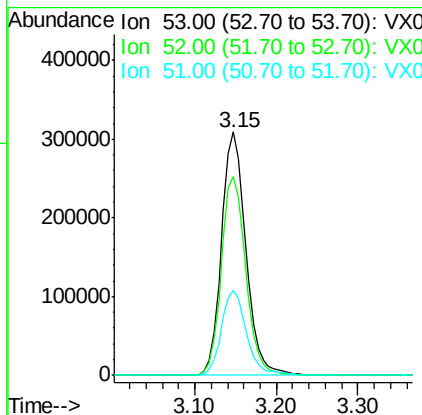
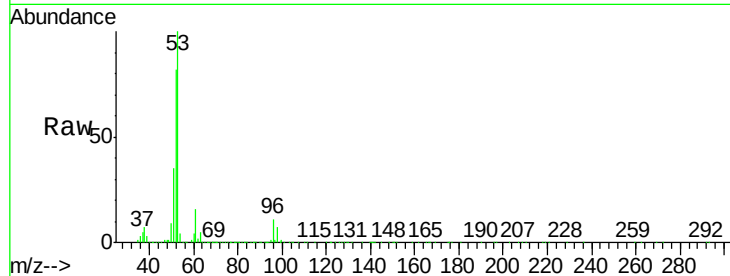
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	634891
Ion Ratio		Lower	Upper
53	100		
52	82.4	66.0	99.0
51	36.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 237.468 ug/l

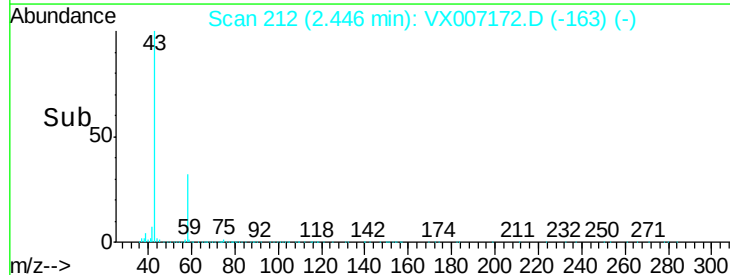
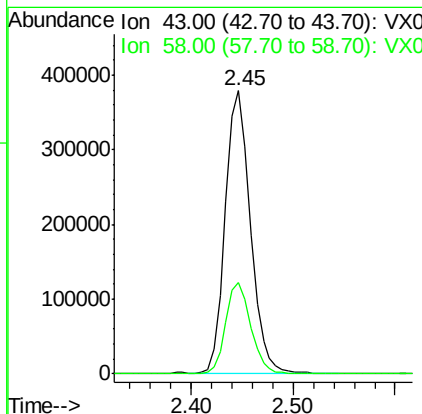
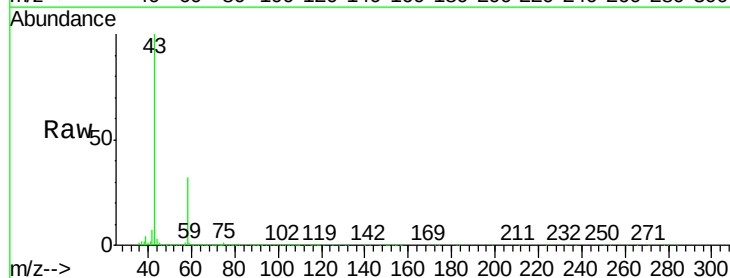
RT: 2.45 min Scan# 212

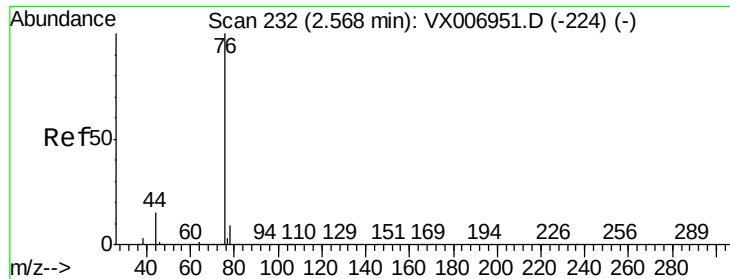
Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	43	Resp:	646105
Ion Ratio		Lower	Upper
43	100		
58	32.5	25.0	37.6





#17

Carbon Disulfide

Concen: 40.967 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 510496

Ion Ratio Lower Upper

76 100

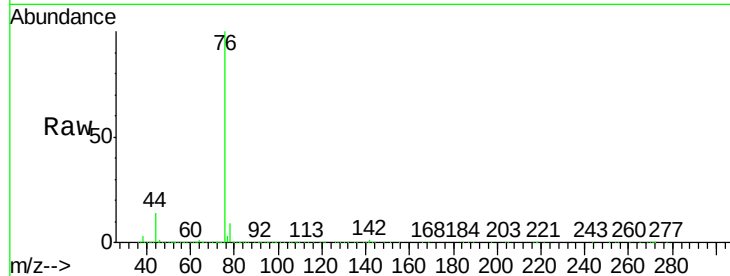
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

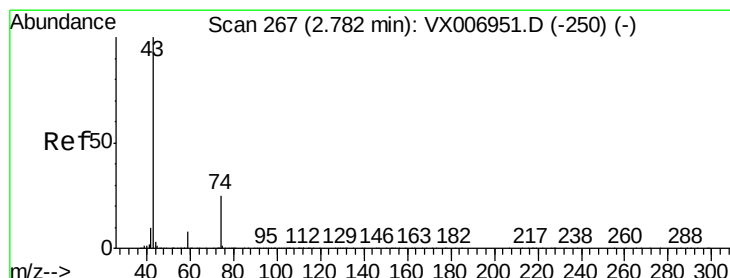
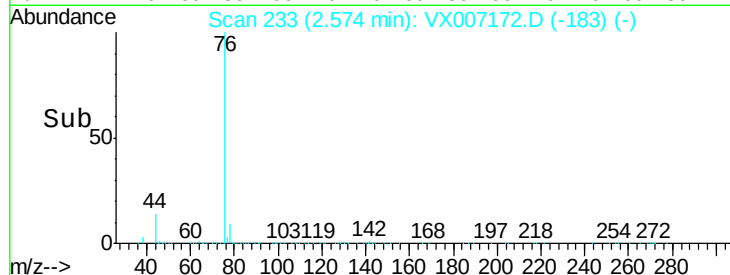
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 43.722 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007172.D

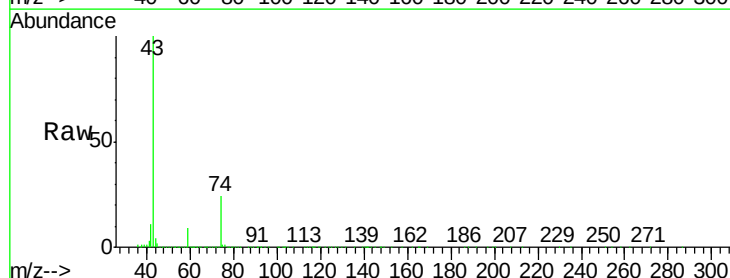
Acq: 22 Jan 2019 10:32

Tgt Ion: 43 Resp: 344498

Ion Ratio Lower Upper

43 100

74 24.2 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

150000

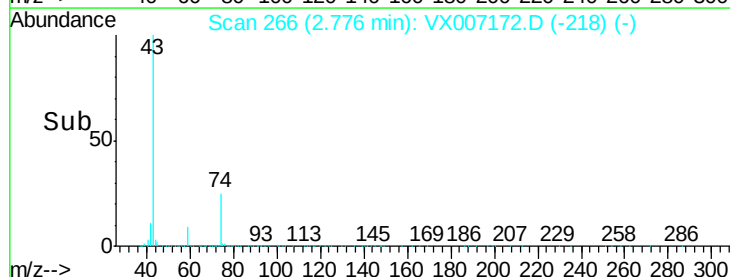
100000

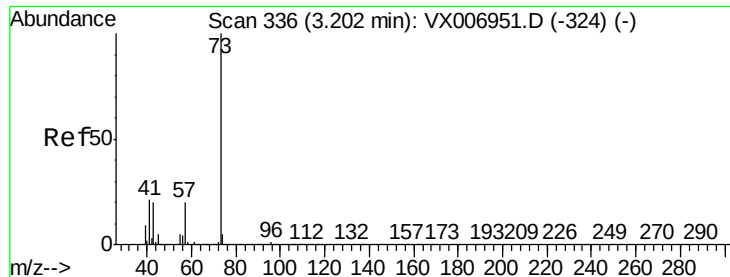
50000

0

Time-->

2.65 2.70 2.75 2.80 2.85





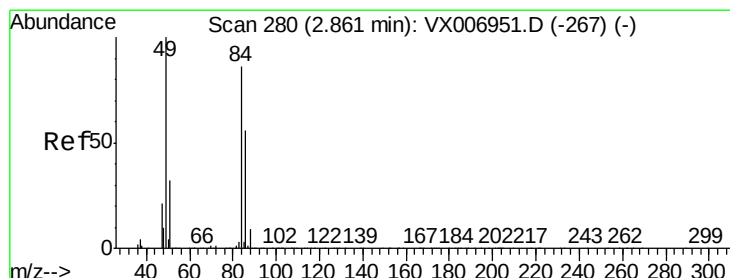
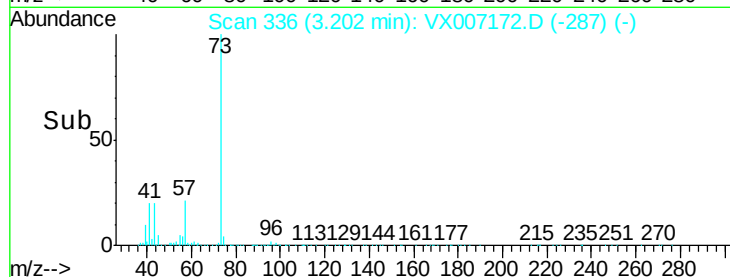
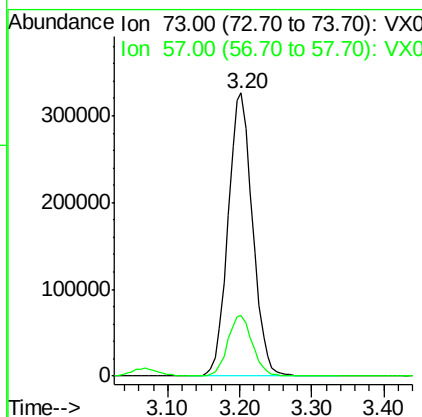
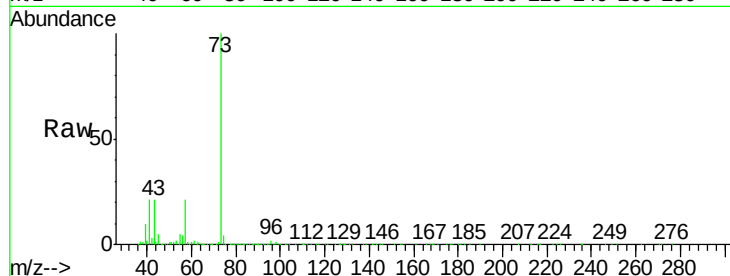
#19
Methyl tert-butyl Ether
Concen: 45.964 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

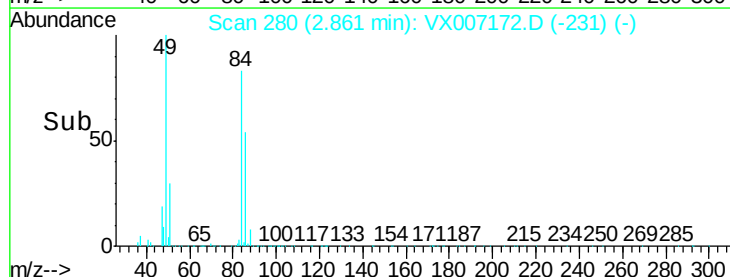
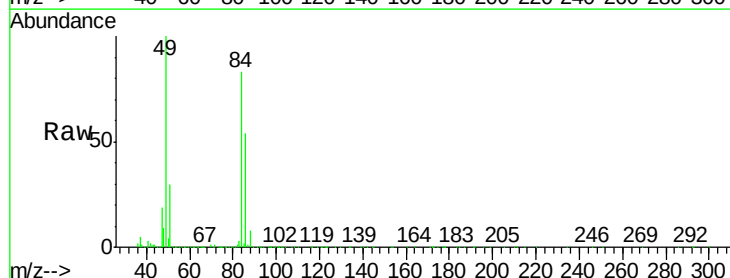
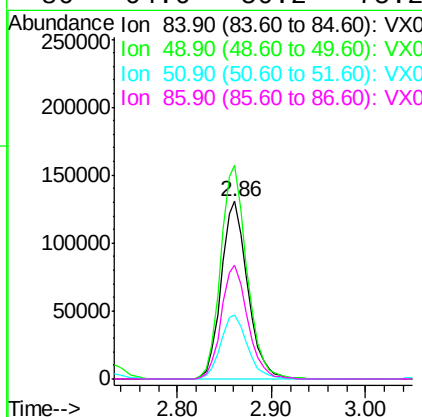
Manual Integrations
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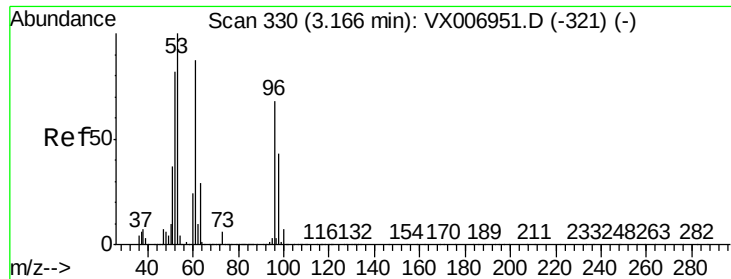
MMDadoda
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#20
Methylene Chloride
Concen: 48.872 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	91.8	137.6
51	35.9	28.5	42.7
86	64.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 44.412 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

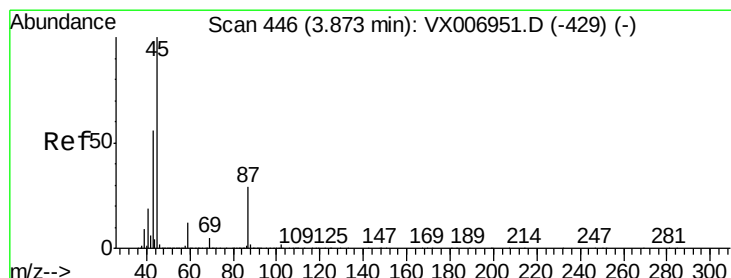
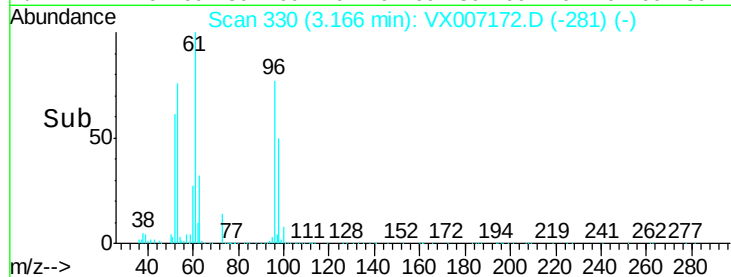
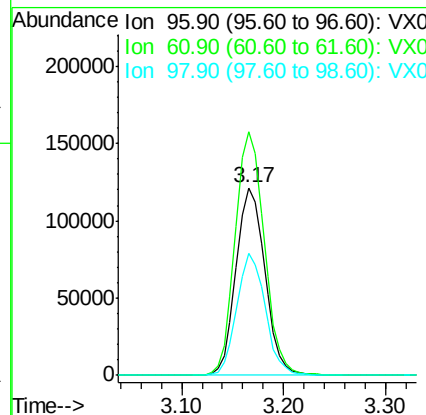
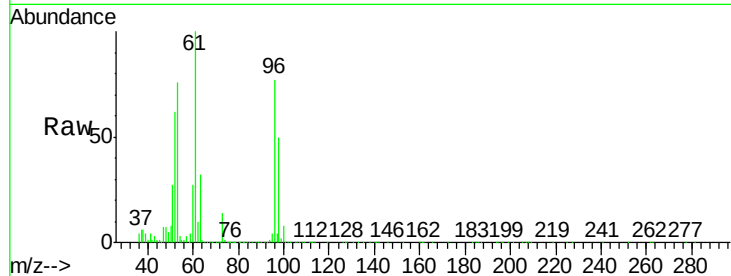
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	239544
Ion Ratio	Lower	Upper	
96	100		
61	129.6	103.7	155.5
98	64.8	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.756 ug/l

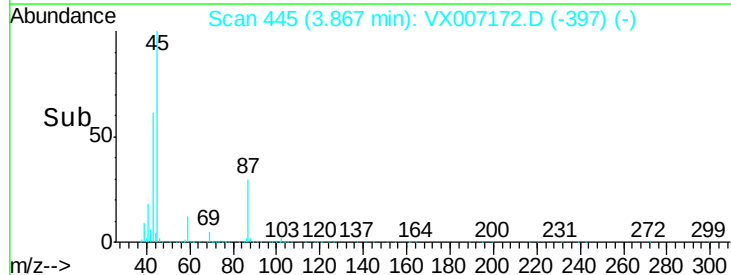
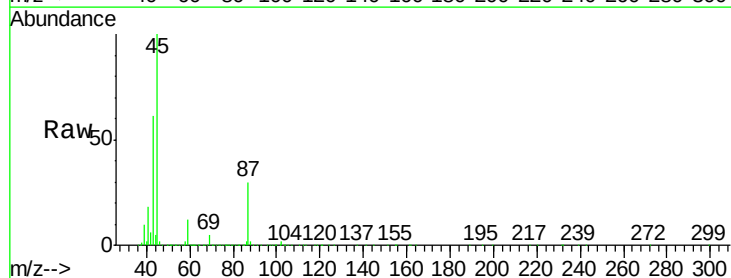
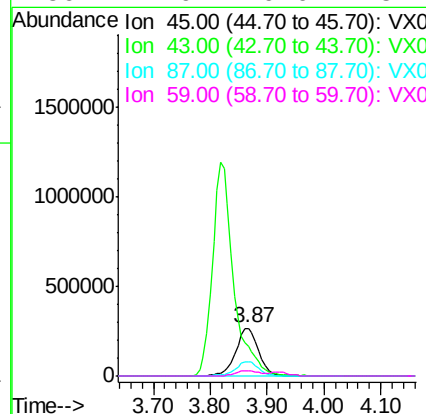
RT: 3.87 min Scan# 445

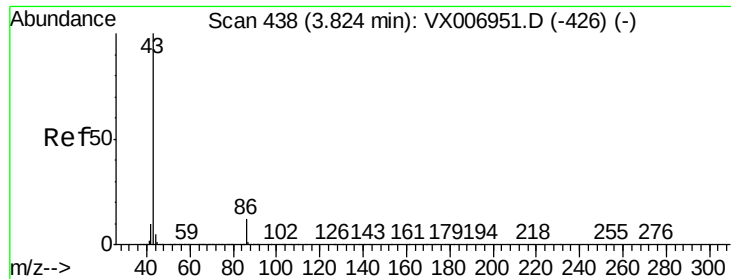
Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	45	Resp:	744721
Ion Ratio	Lower	Upper	
45	100		
43	60.7	51.2	76.8
87	30.0	25.8	38.6
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 235.169 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3092705

Ion Ratio Lower Upper

43 100

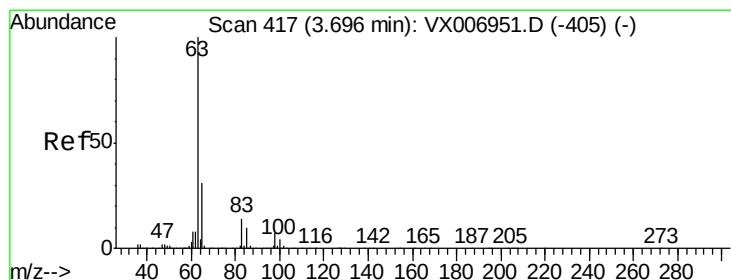
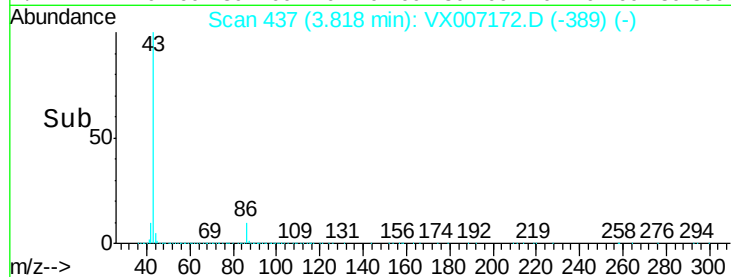
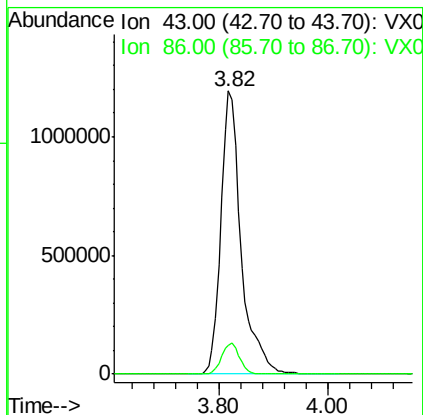
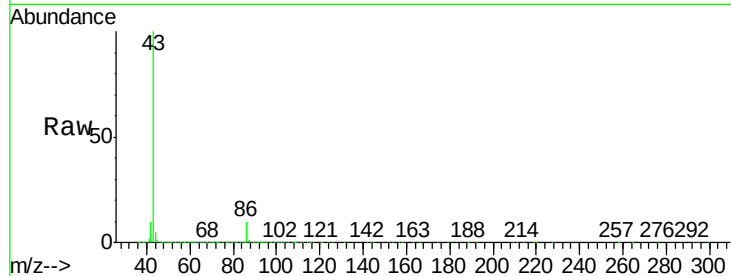
86 10.2 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.577 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

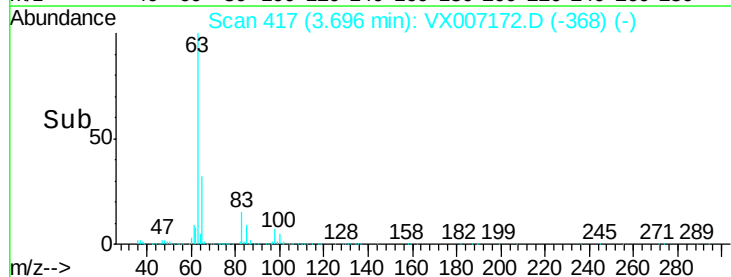
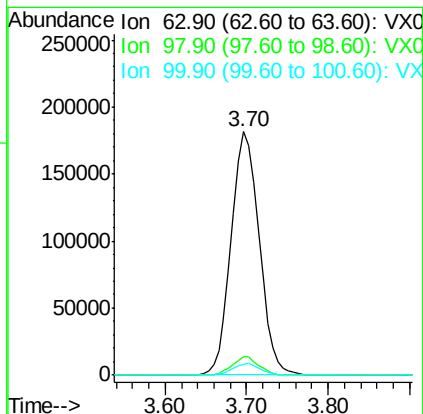
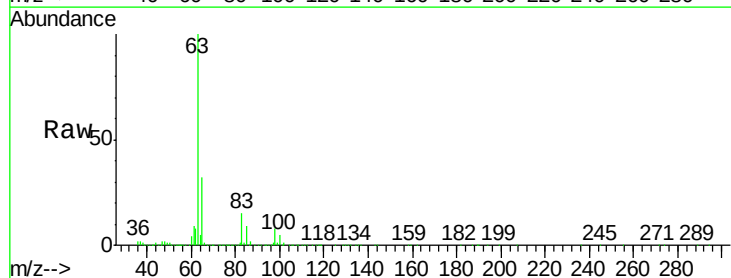
Tgt Ion: 63 Resp: 432304

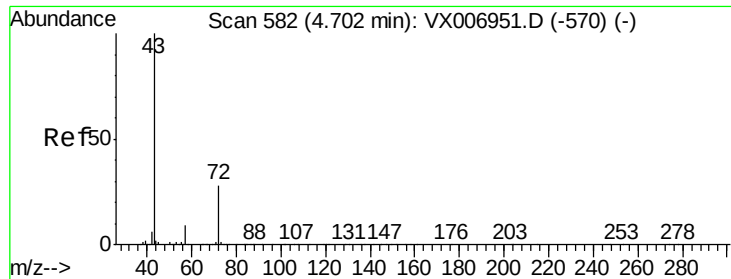
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 221.290 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 861500

Ion Ratio Lower Upper

43 100

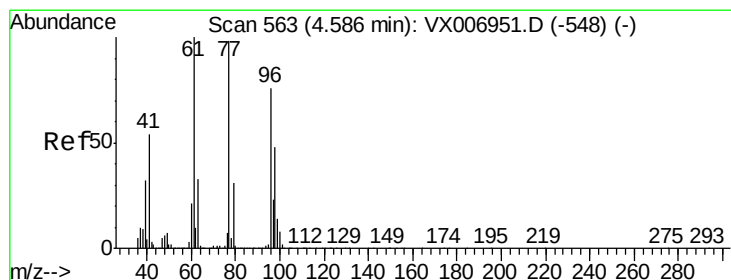
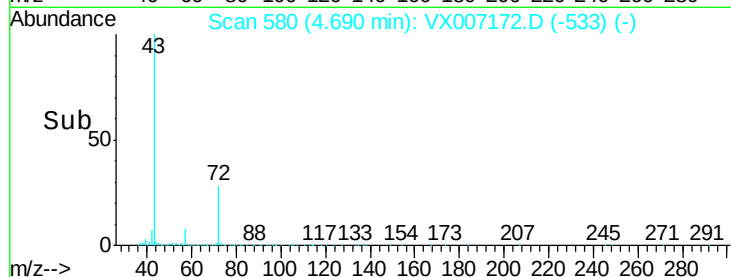
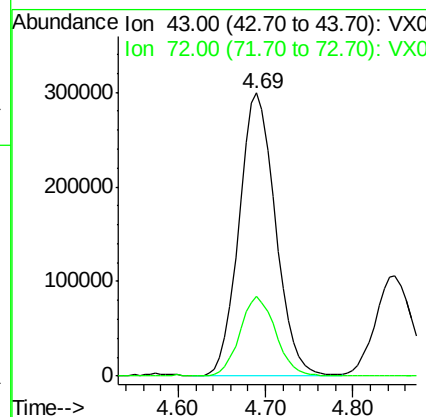
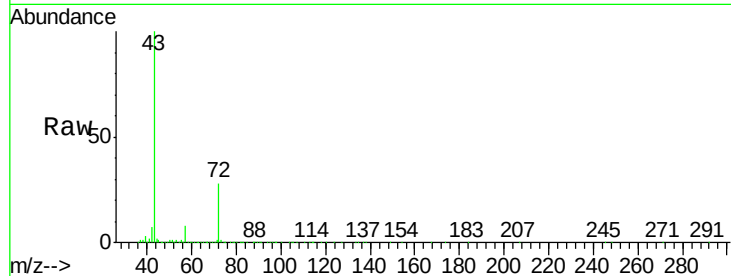
72 28.1 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.787 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007172.D

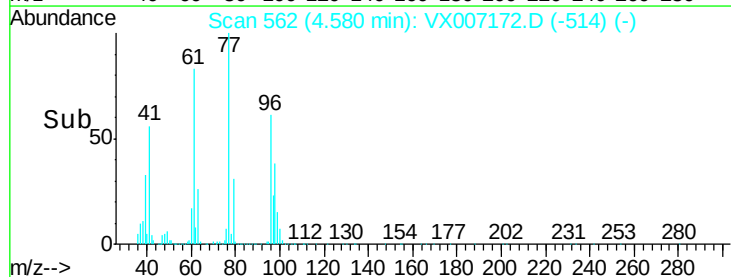
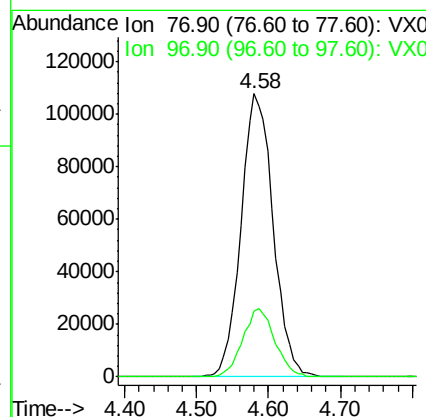
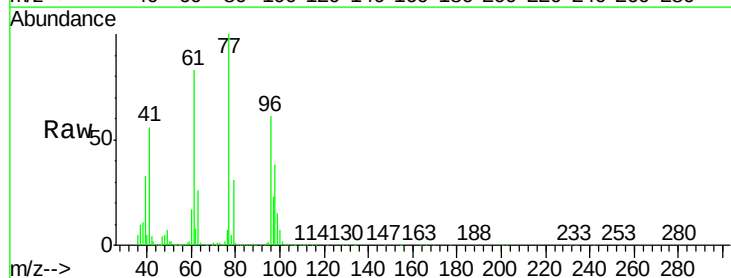
Acq: 22 Jan 2019 10:32

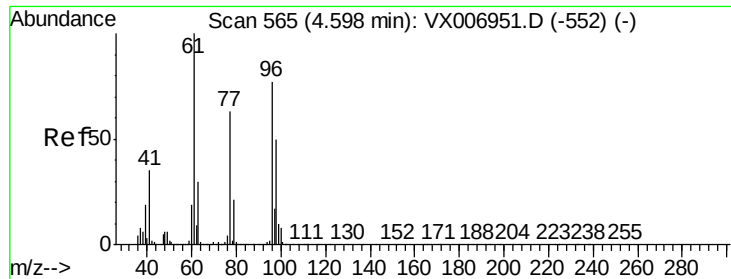
Tgt Ion: 77 Resp: 333829

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.4





#27

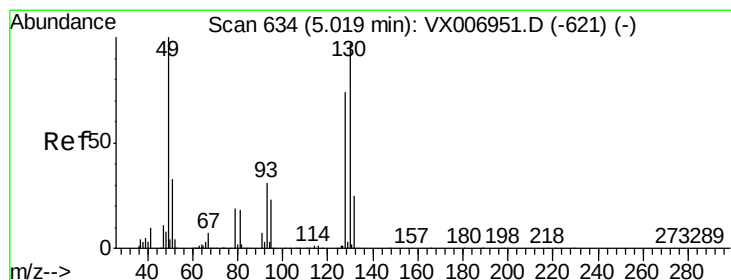
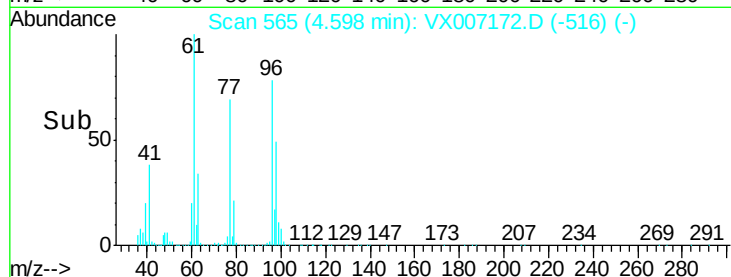
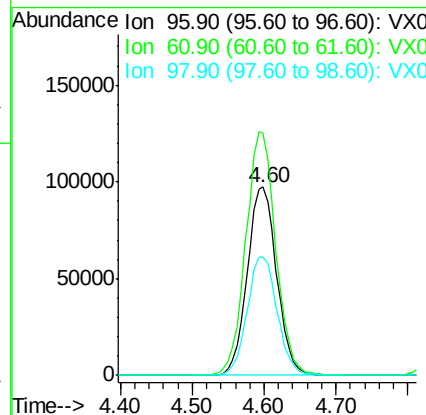
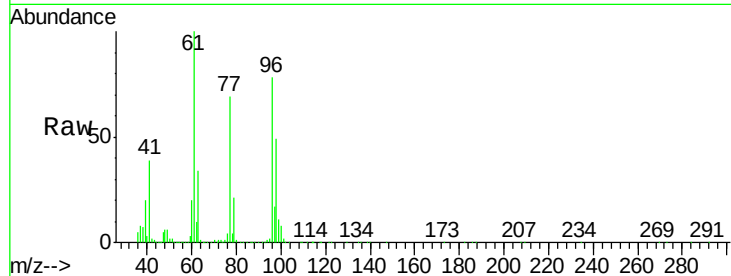
cis-1,2-Dichloroethene
Concen: 46.261 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	258.6
98	64.6	0.0	132.0

Manual Integrations
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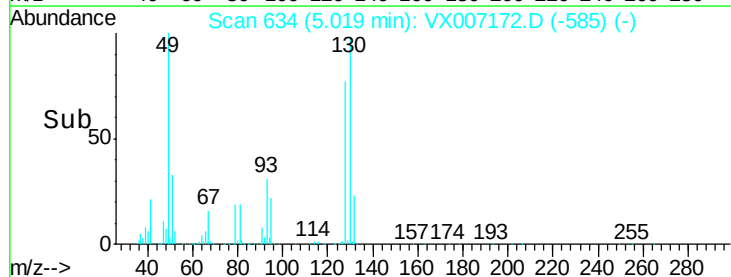
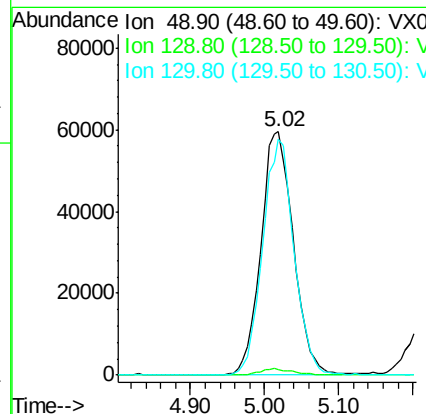
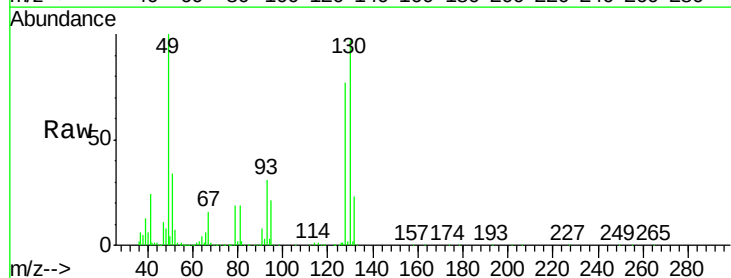
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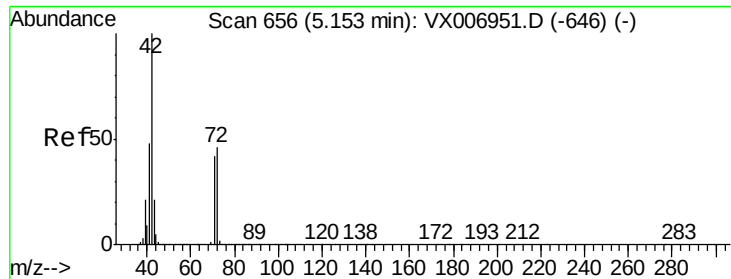


#28

Bromochloromethane
Concen: 47.525 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.4	77.7	116.5





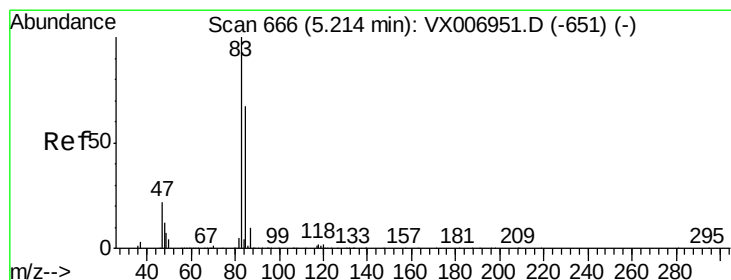
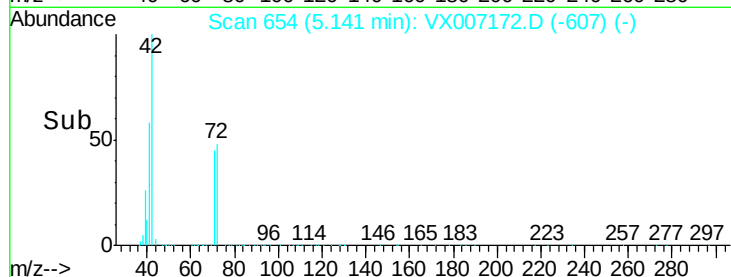
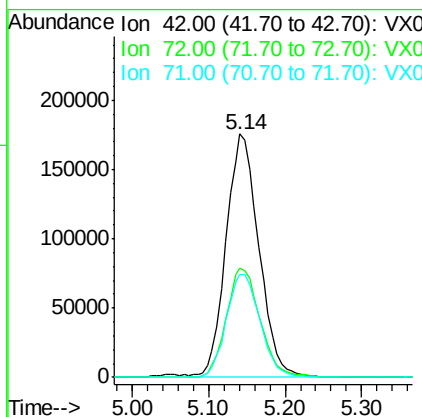
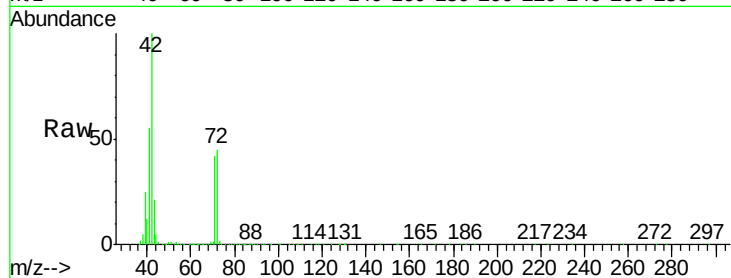
#29
Tetrahydrofuran
Concen: 204.644 ug/l
RT: 5.14 min Scan# 654
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	517754
Ion Ratio		Lower	Upper
42	100		
72	46.8	38.9	58.3
71	43.8	36.2	54.4

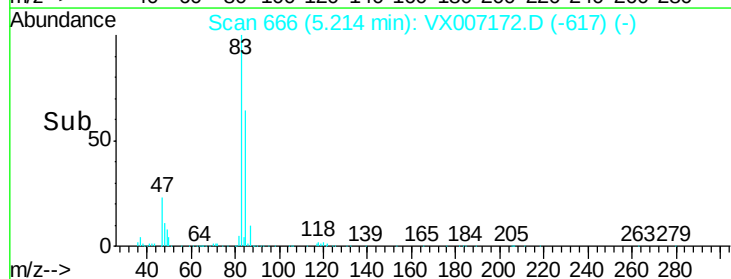
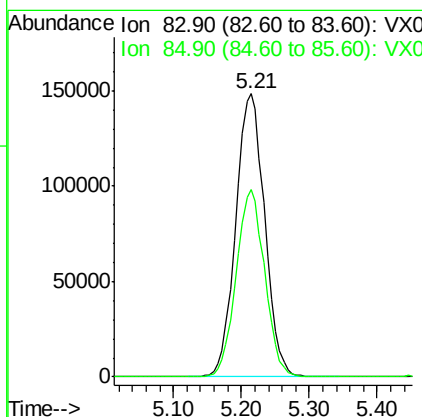
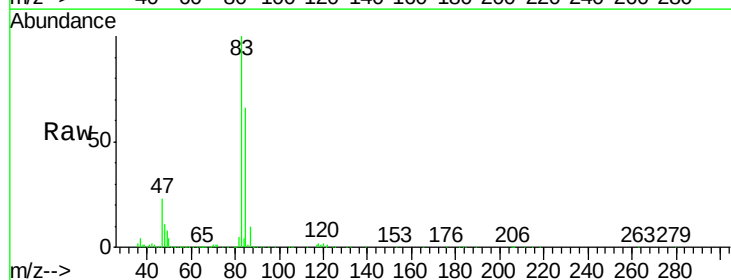
Manual Integrations
APPROVED

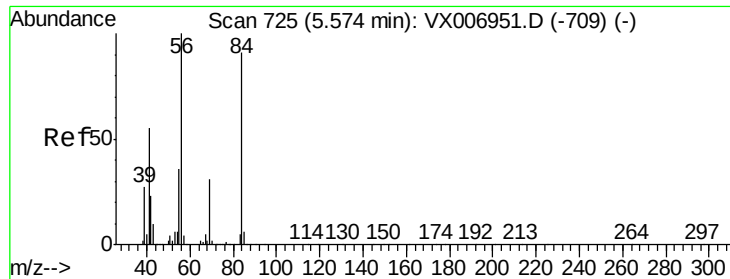
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#30
Chloroform
Concen: 48.114 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion:	83	Resp:	439261
Ion Ratio		Lower	Upper
83	100		
85	66.0	51.2	76.8





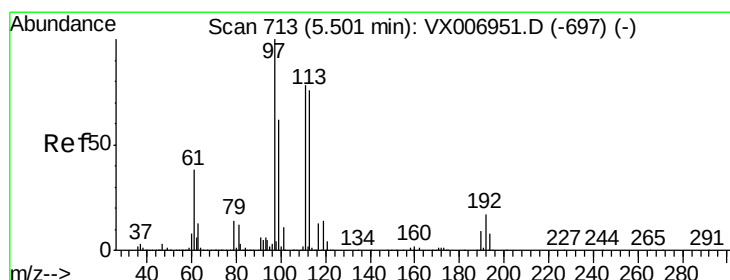
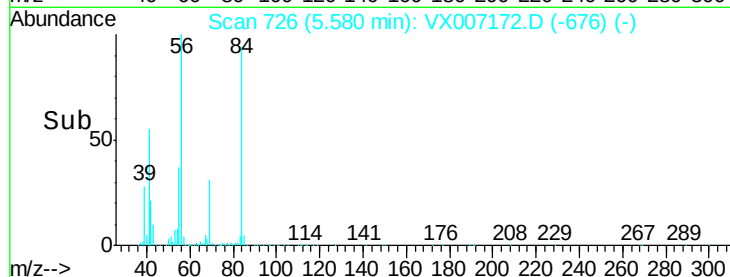
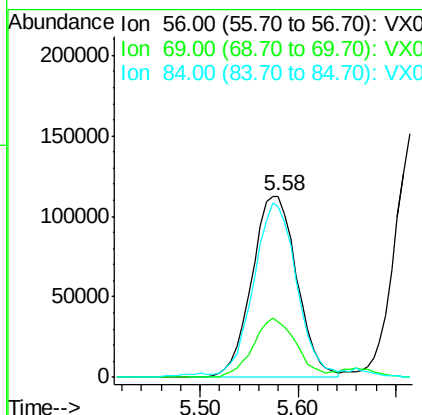
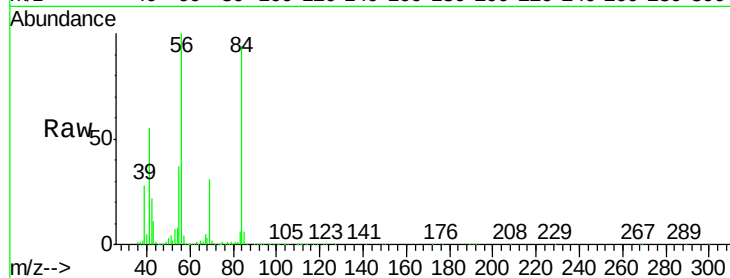
#31
Cyclohexane
Concen: 46.459 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.4	36.6
84	92.4	70.0	105.0

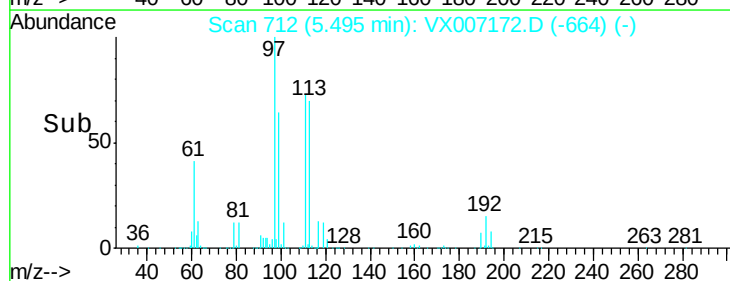
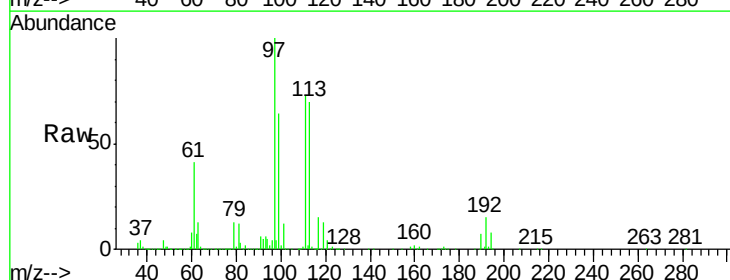
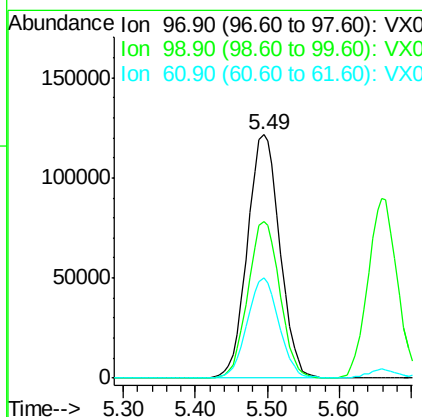
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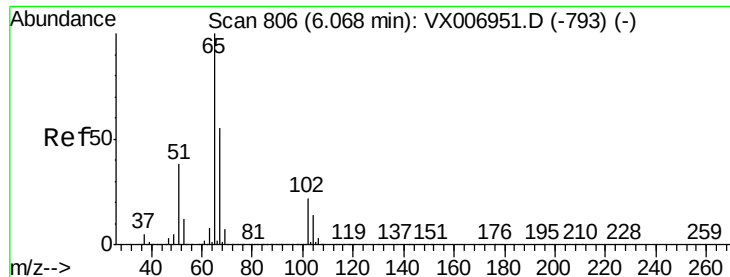
MMDadoda
1/23/2019 11:29:21 AM



#32
1,1,1-Trichloroethane
Concen: 49.190 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.7	77.5
61	40.5	31.3	46.9





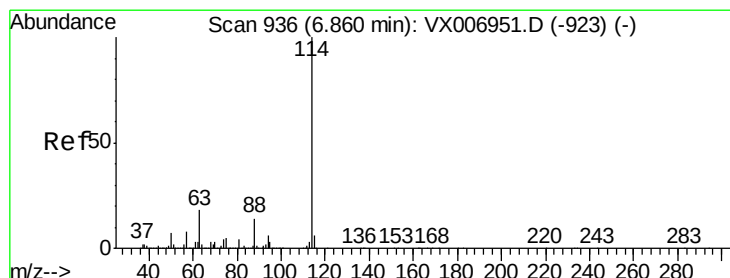
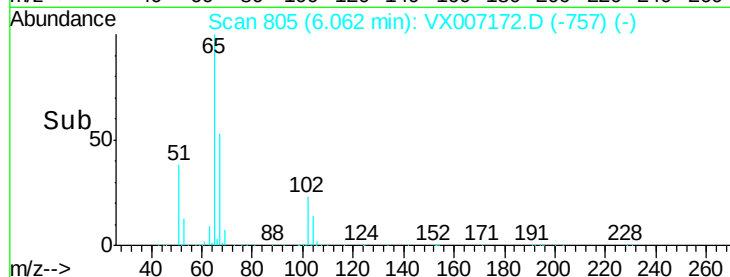
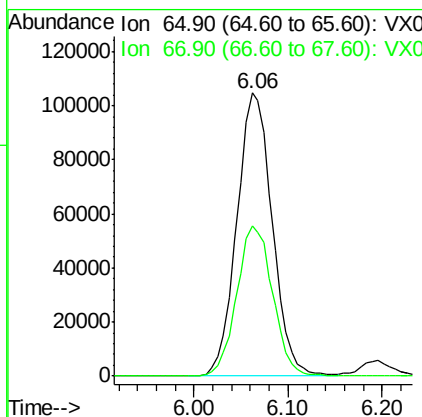
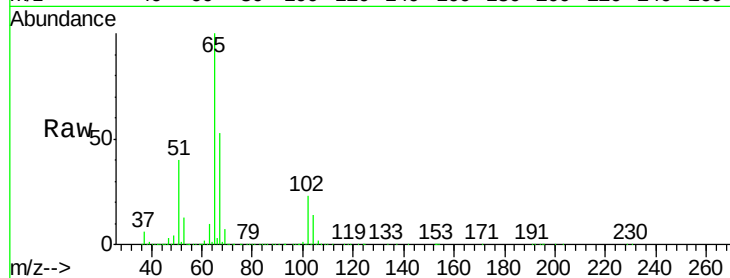
#33
 1,2-Dichloroethane-d4
 Concen: 49.591 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272927		
67	53.9	0.0	105.0	

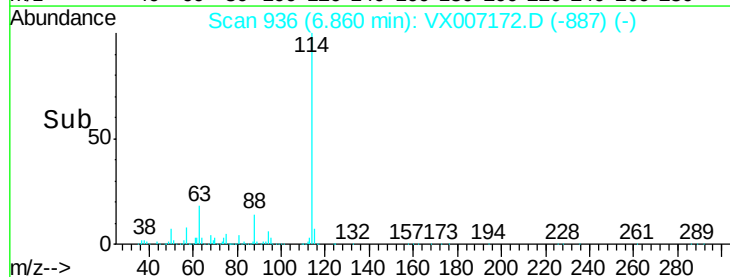
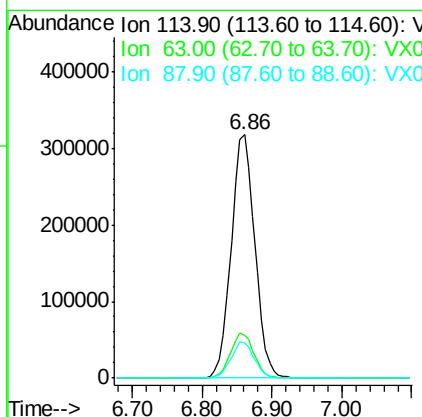
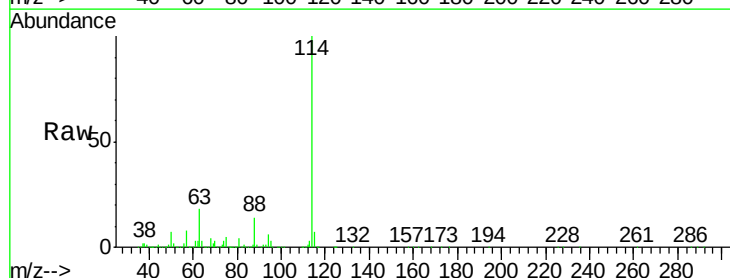
Manual Integrations
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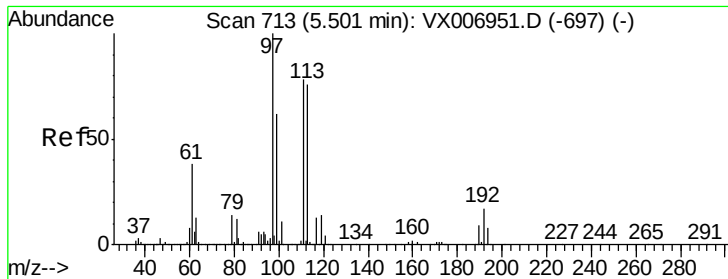
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	749493		
63	17.7	0.0	34.8	
88	14.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 52.784 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

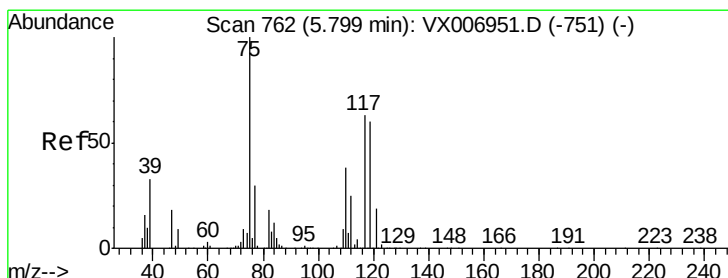
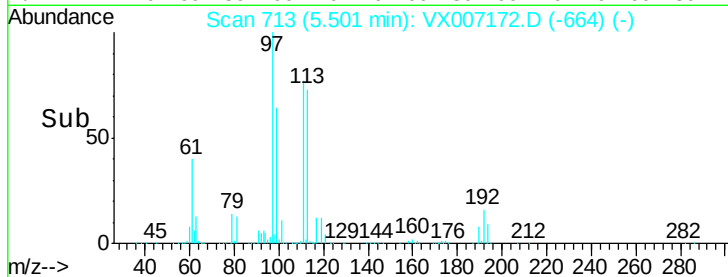
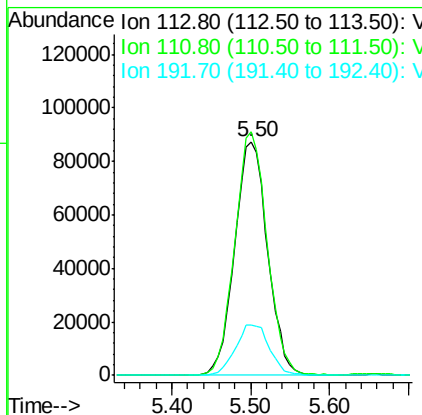
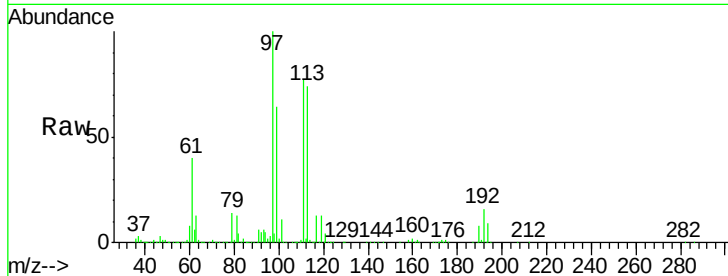
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	253349
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	22.4	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.201 ug/l

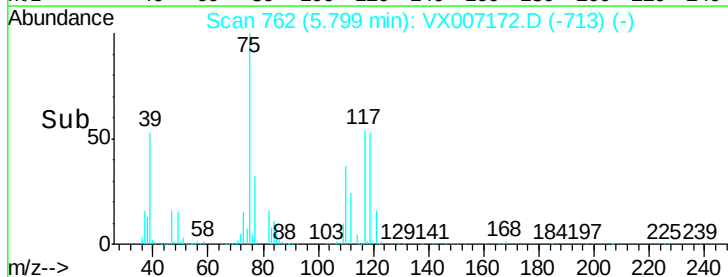
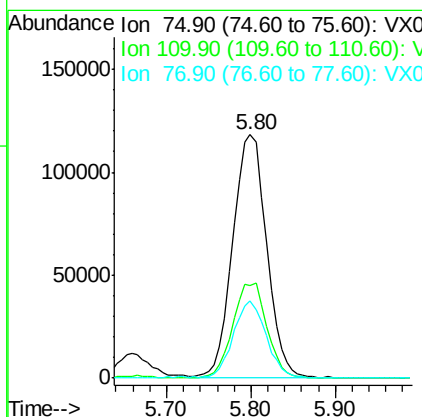
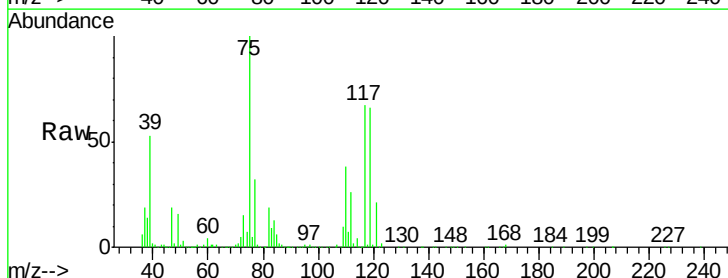
RT: 5.80 min Scan# 762

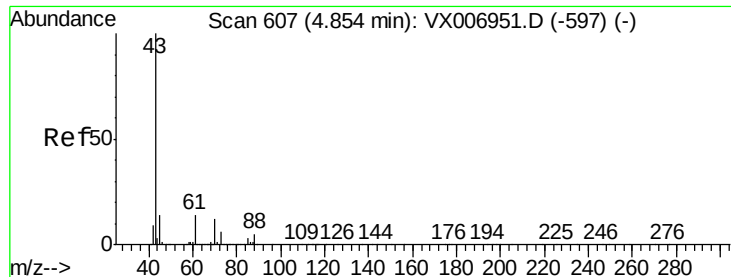
Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	75	Resp:	320606
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.2	60.5
77	30.7	24.8	37.2





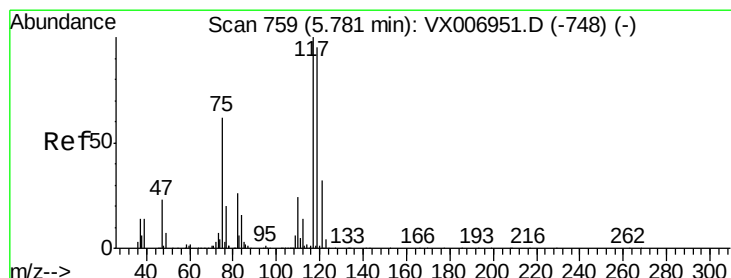
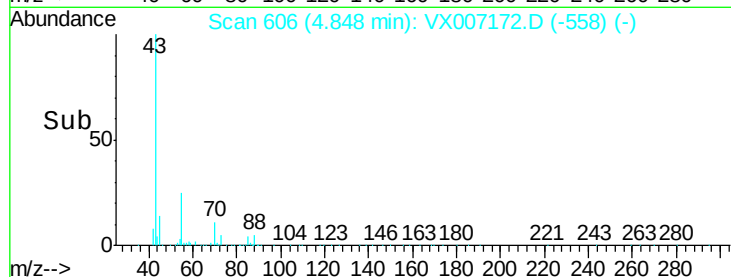
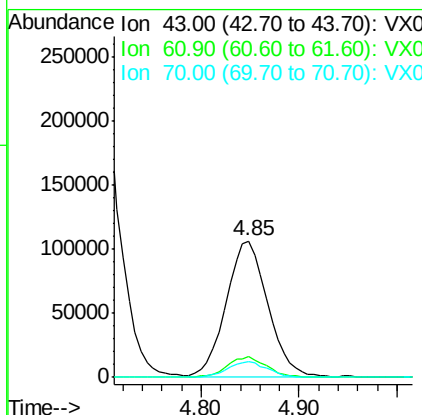
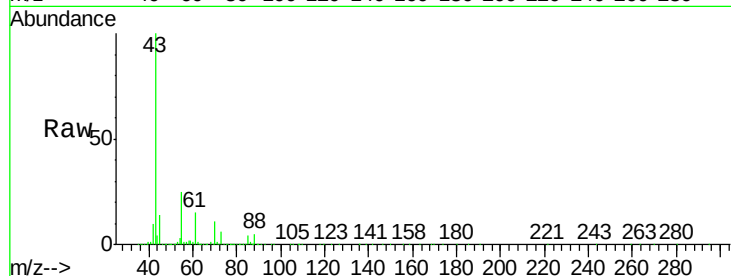
#37
Ethyl Acetate
Concen: 44.639 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	43	Resp:	311847
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.9	17.9
70	11.3	9.7	14.5

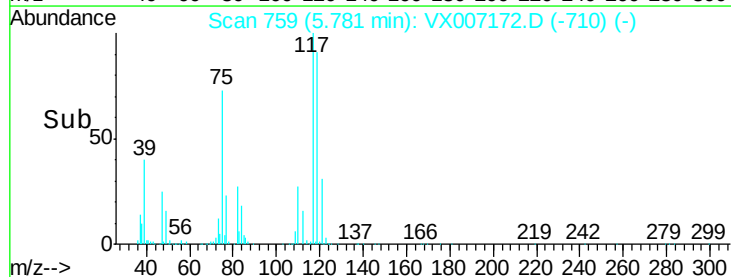
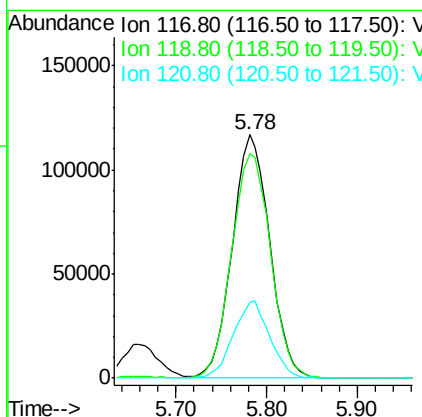
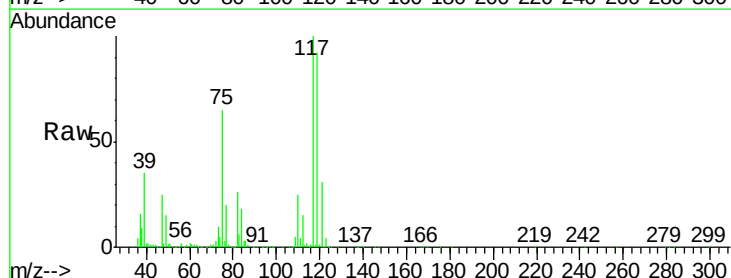
Manual Integrations
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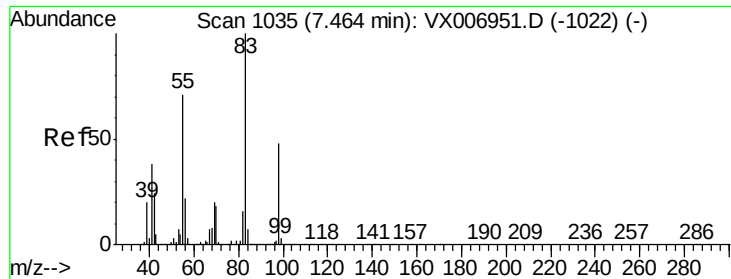
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#38
Carbon Tetrachloride
Concen: 50.937 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion:	117	Resp:	333951
Ion	Ratio	Lower	Upper
117	100		
119	92.3	79.4	119.2
121	31.4	24.0	36.0





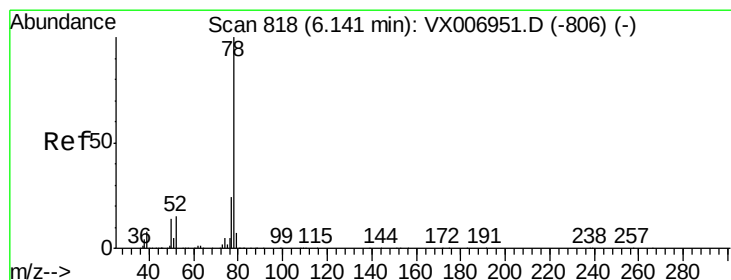
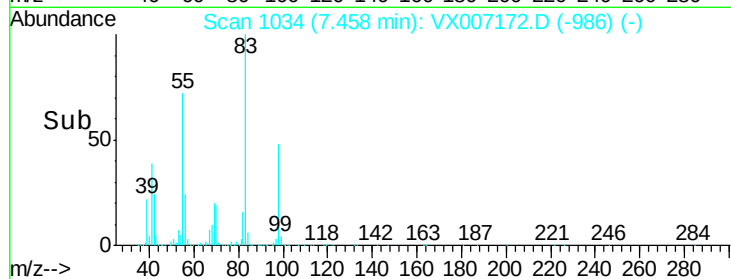
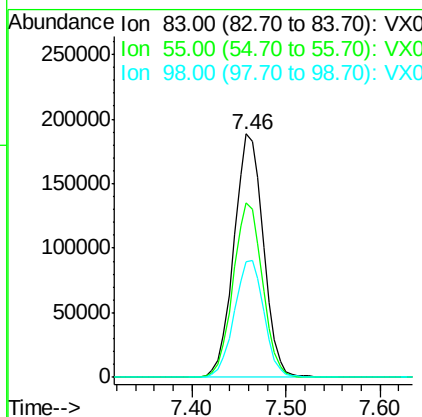
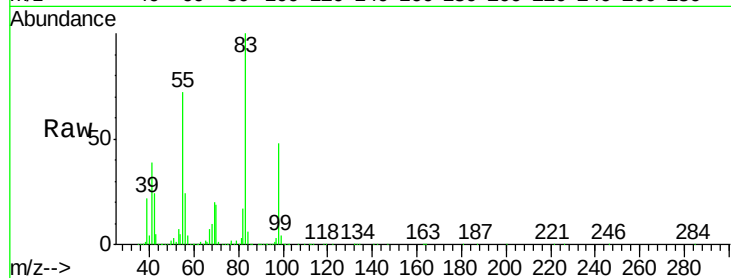
#39
Methylvlcyclohexane
Concen: 49.367 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	54.9	82.3
98	47.6	37.9	56.9

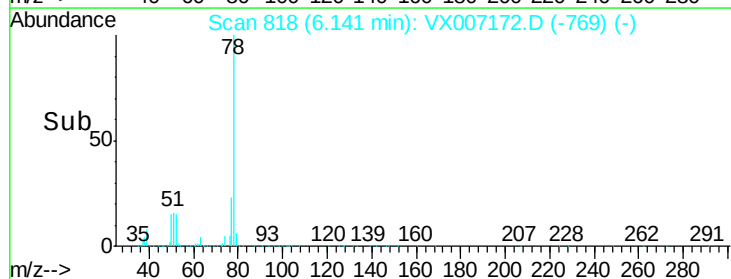
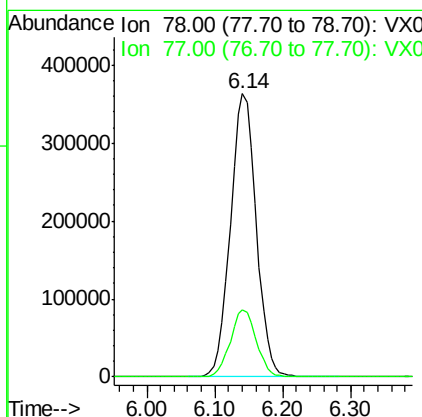
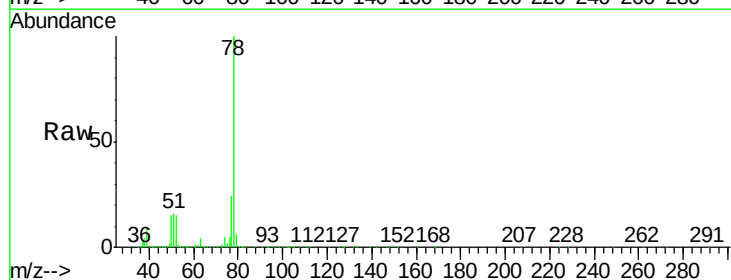
Manual Integrations
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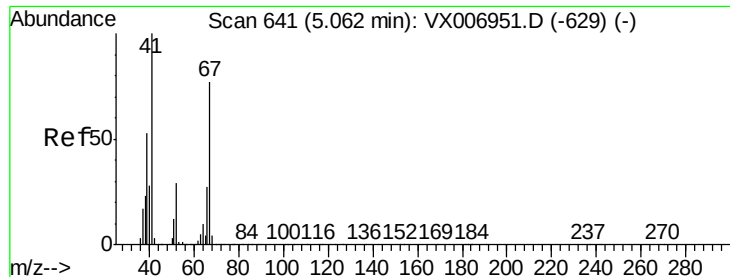
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#40
Benzene
Concen: 48.044 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





#41

Methacrylonitrile

Concen: 44.523 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

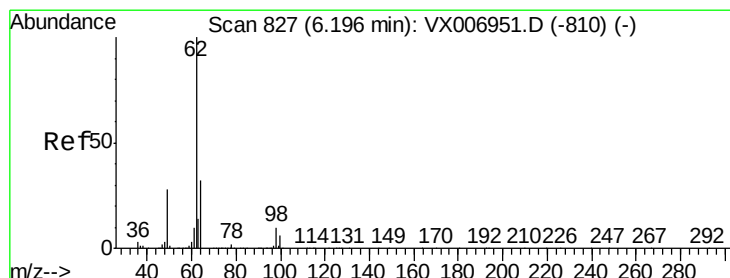
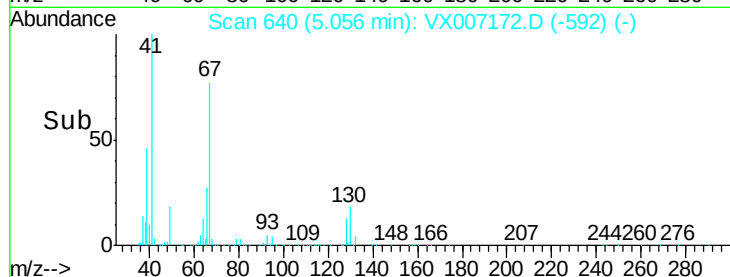
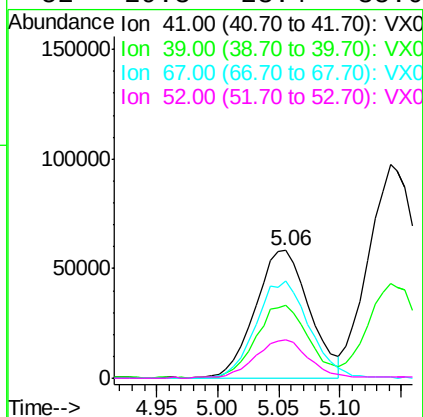
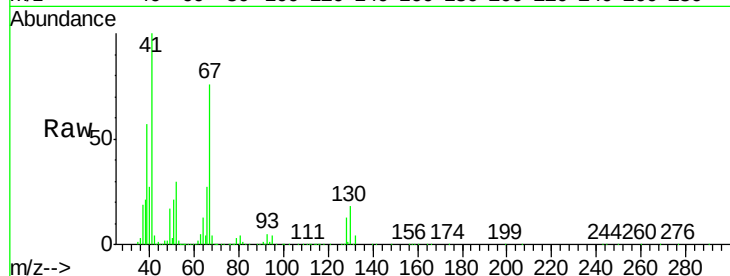
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		179181		
39	55.7	42.8	64.2		
67	75.1	62.1	93.1		
52	29.3	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.690 ug/l

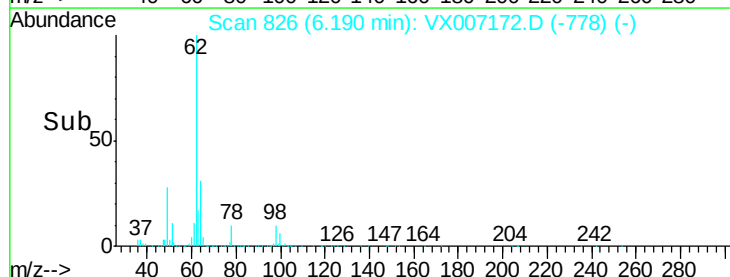
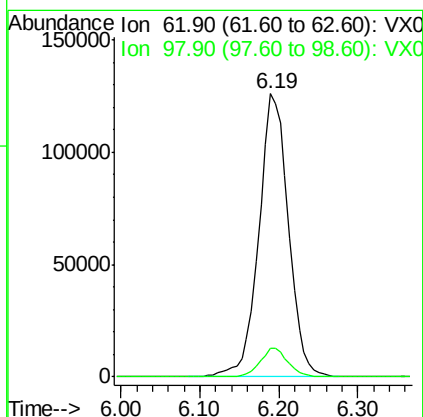
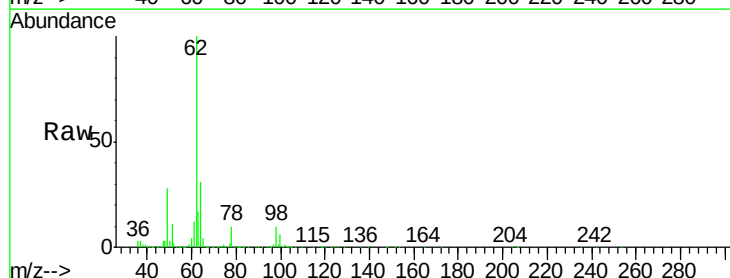
RT: 6.19 min Scan# 826

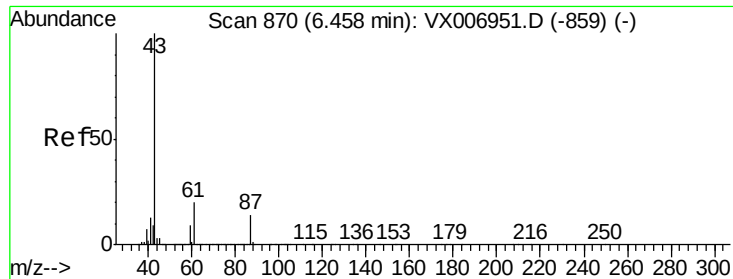
Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		327669		
98	9.7	0.0	20.2		





#43

Isopropyl Acetate

Concen: 47.263 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

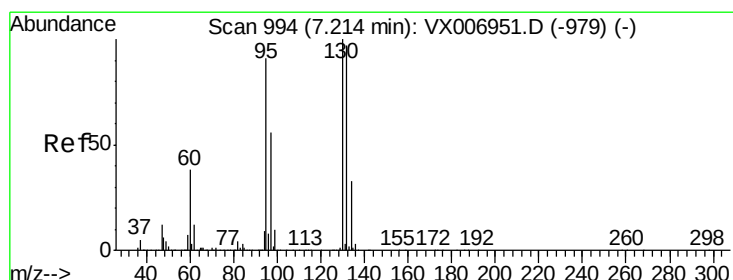
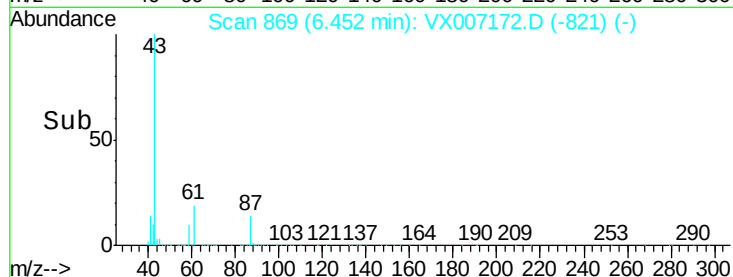
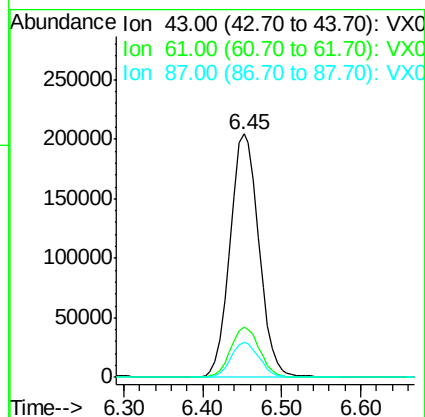
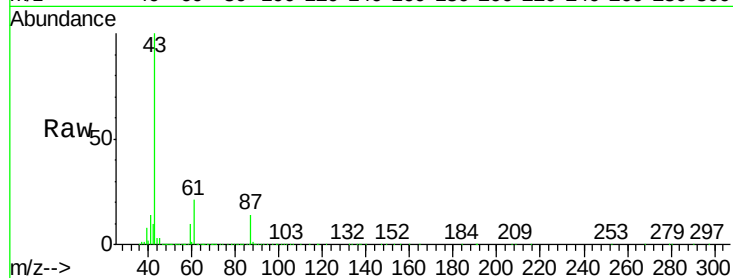
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	520815
Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
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#44

Trichloroethene

Concen: 48.448 ug/l

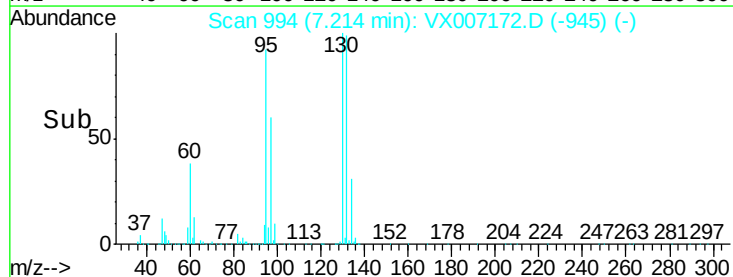
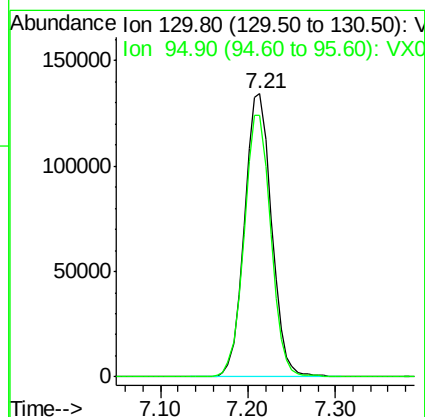
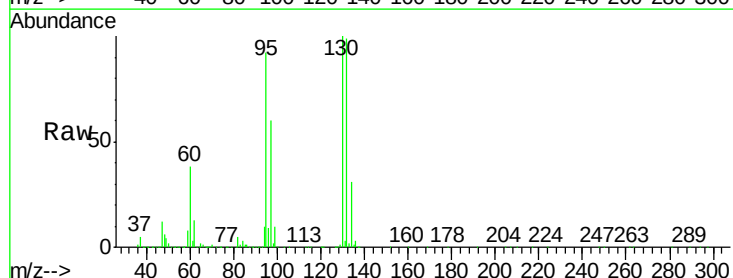
RT: 7.21 min Scan# 994

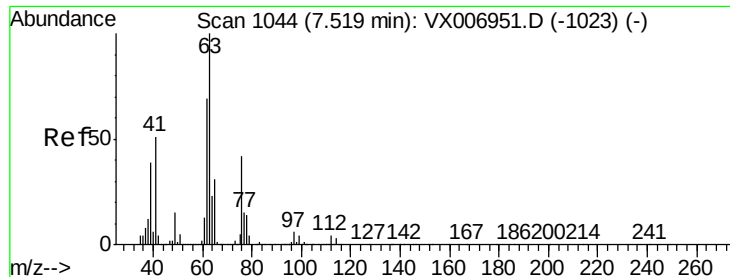
Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	130	Resp:	288662
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.094 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 250401

Ion Ratio Lower Upper

63 100

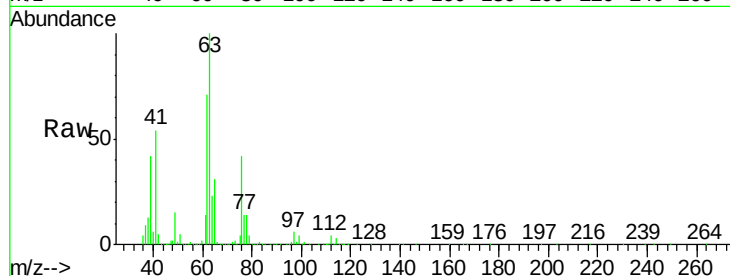
65 31.2 25.4 38.0

Manual Integrations

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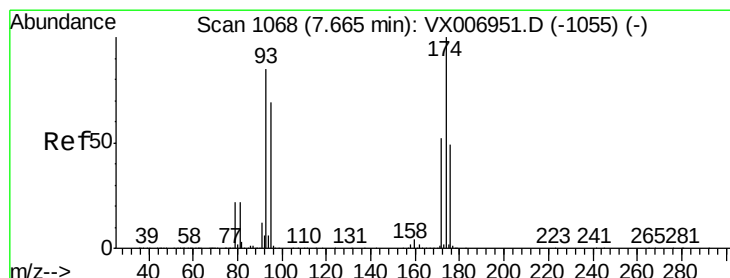
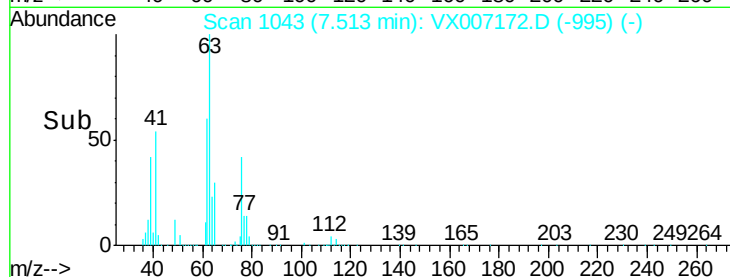
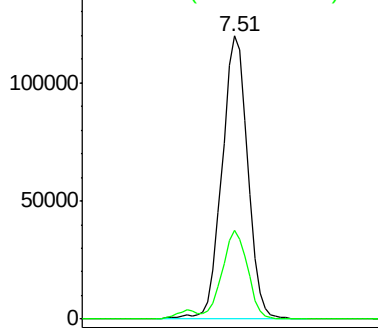
MMDadoda

1/23/2019 11:29:21 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.529 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

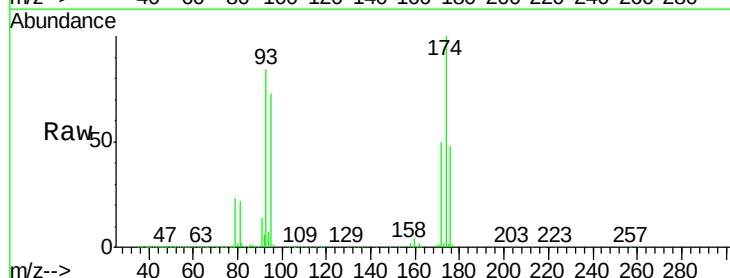
Tgt Ion: 93 Resp: 173999

Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

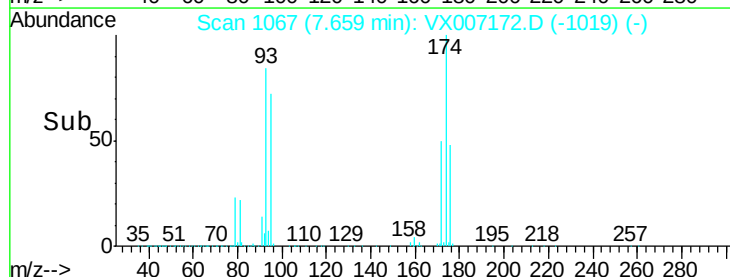
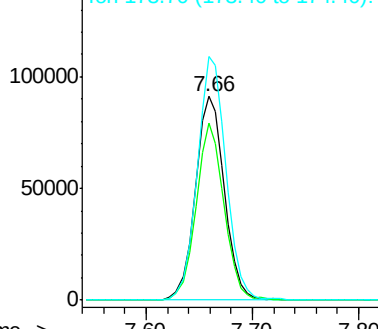
174 118.6 91.0 136.4

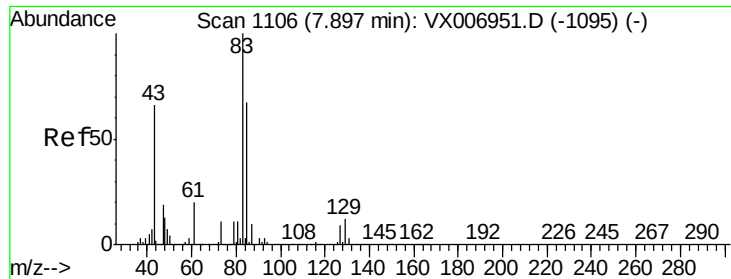


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.822 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

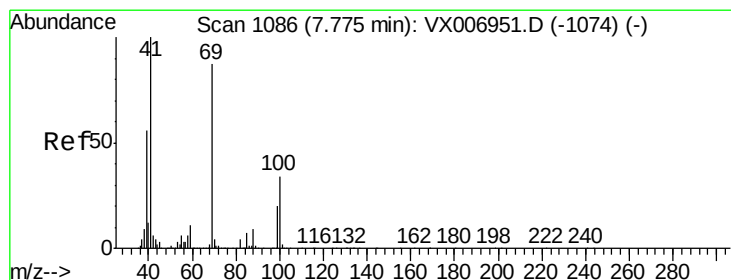
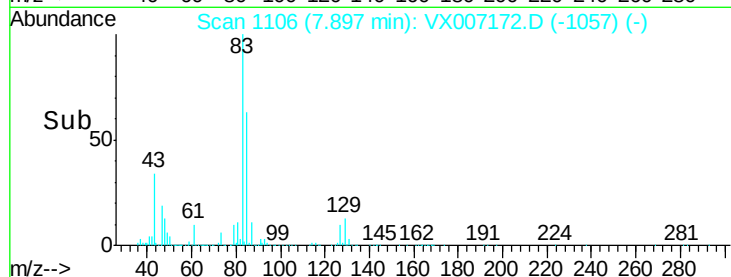
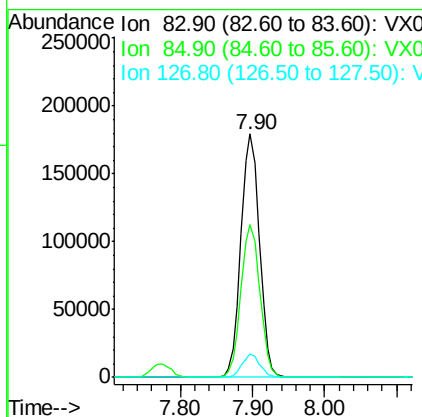
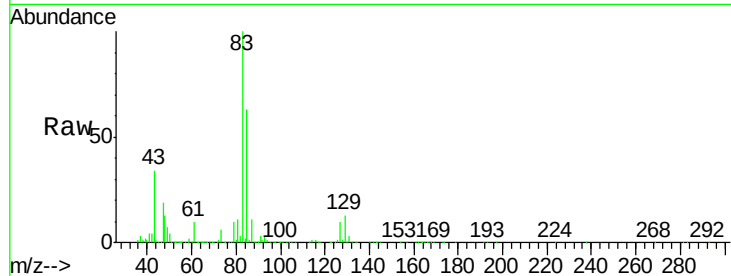
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	321842
Ion Ratio	Lower	Upper	
83	100		
85	62.8	53.2	79.8
127	9.6	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.439 ug/l

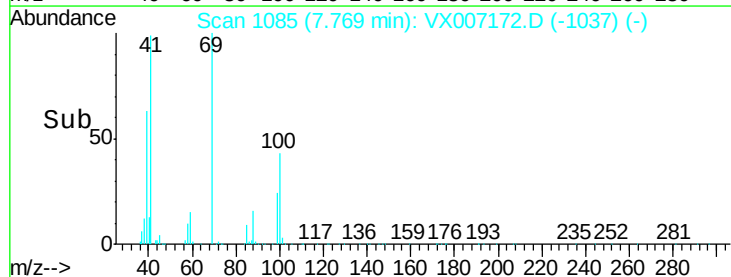
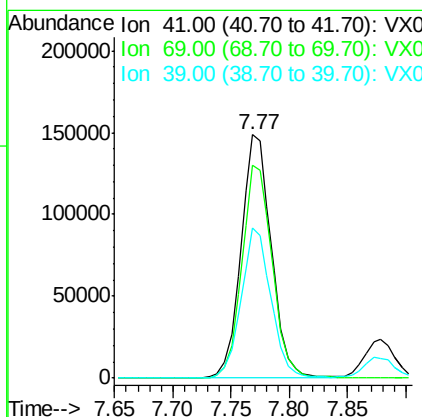
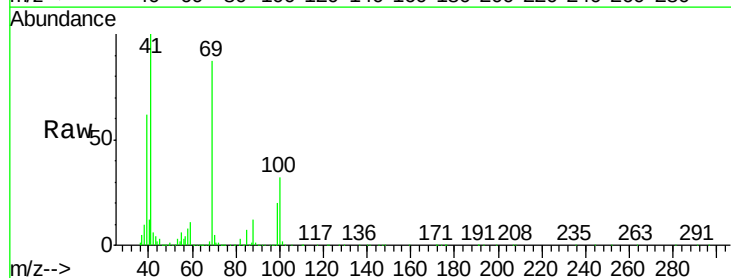
RT: 7.77 min Scan# 1085

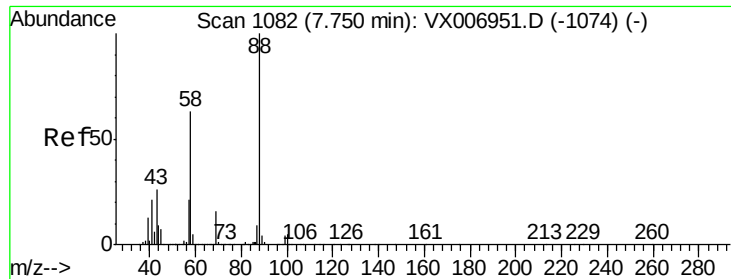
Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	41	Resp:	268454
Ion Ratio	Lower	Upper	
41	100		
69	88.1	72.4	108.6
39	60.4	45.8	68.8





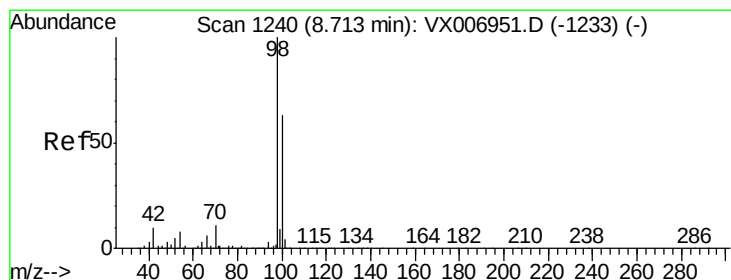
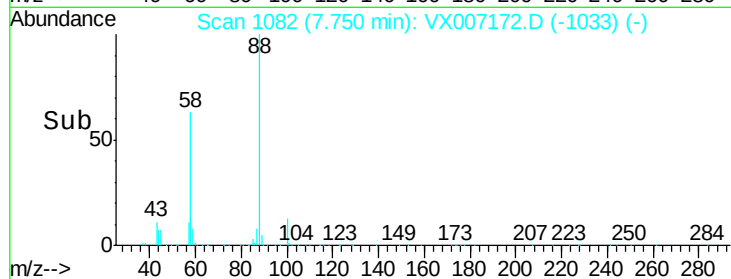
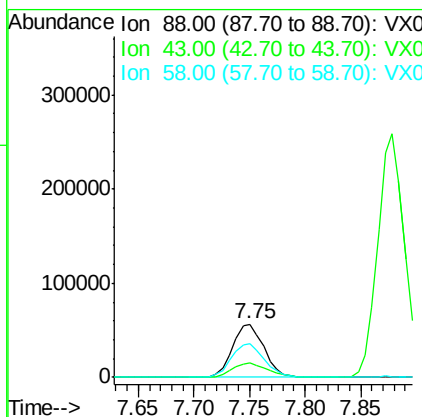
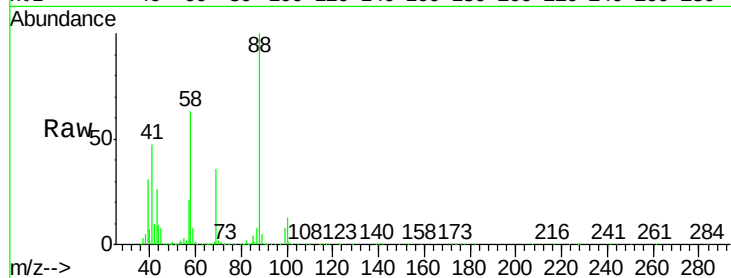
#49
1,4-Dioxane
Concen: 857.855 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	22.2	33.4
58	66.1	51.0	76.4

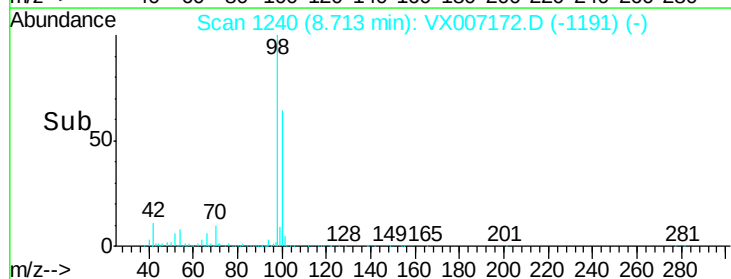
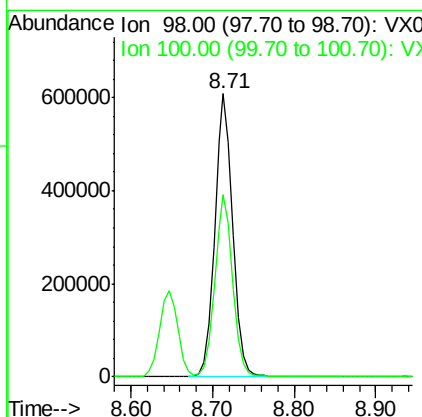
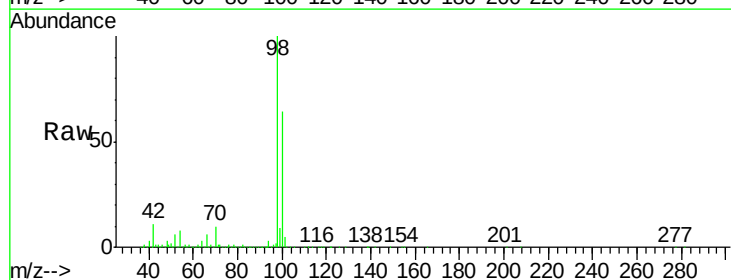
Manual Integrations
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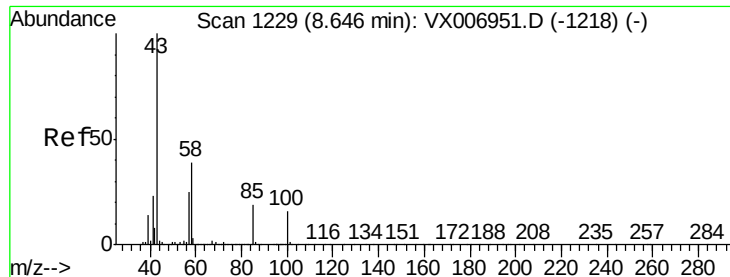
MMDadoda
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#50
Toluene-d8
Concen: 53.296 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 244.780 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1733470

Ion Ratio Lower Upper

43 100

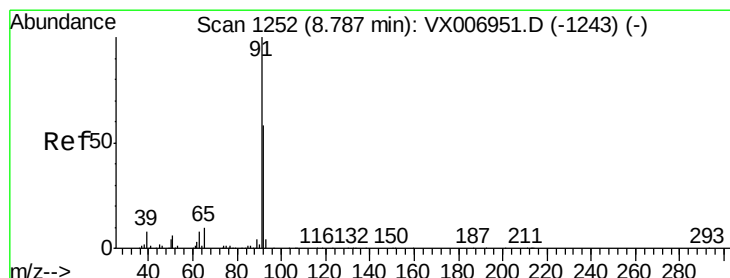
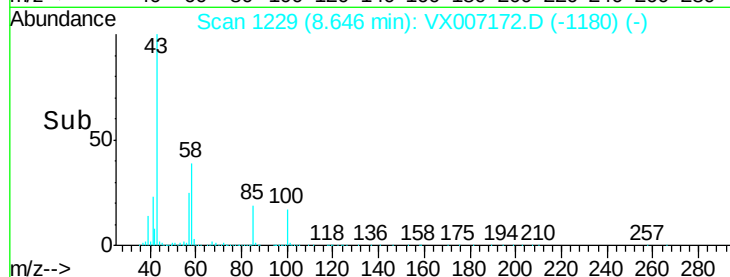
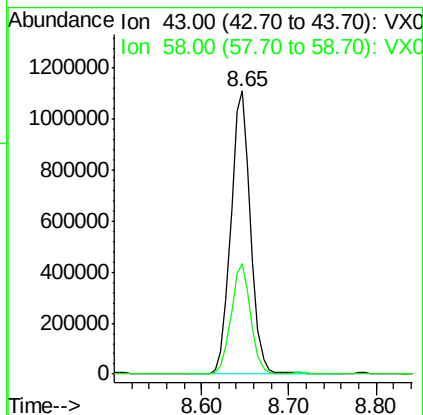
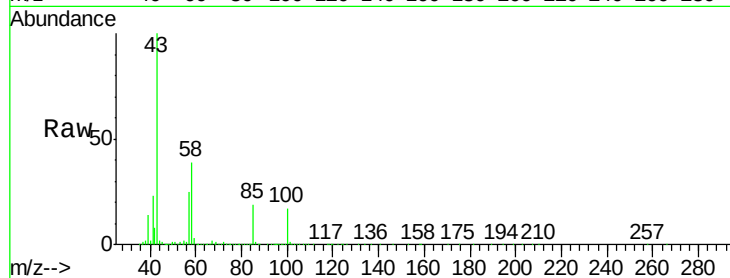
58 38.8 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 49.526 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007172.D

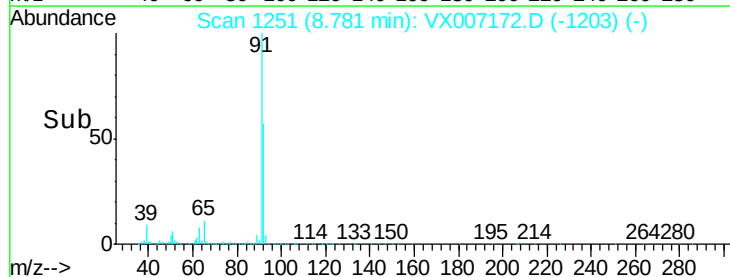
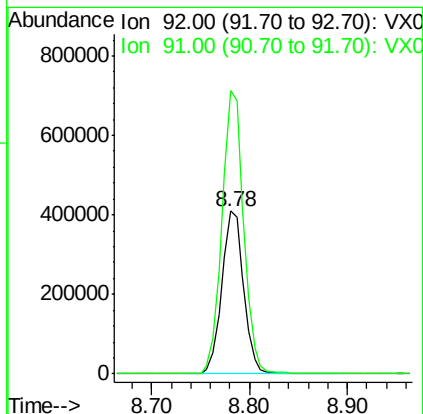
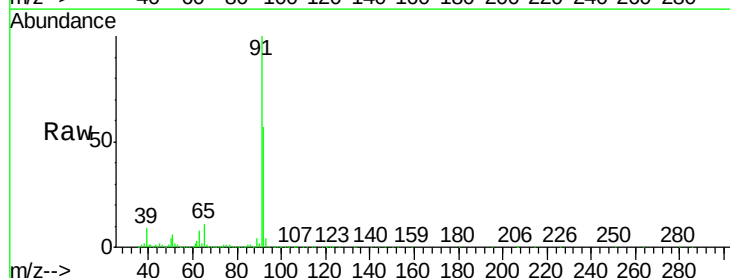
Acq: 22 Jan 2019 10:32

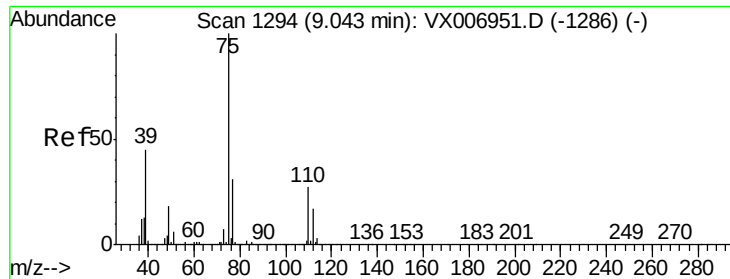
Tgt Ion: 92 Resp: 632912

Ion Ratio Lower Upper

92 100

91 174.1 137.6 206.4





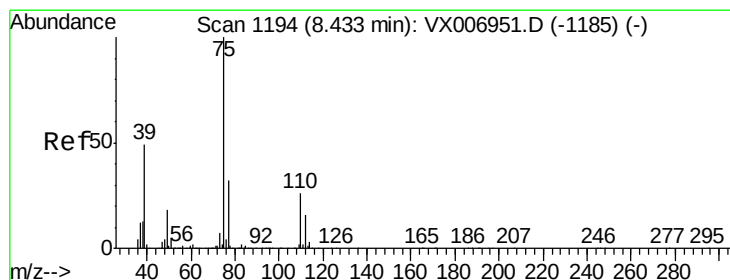
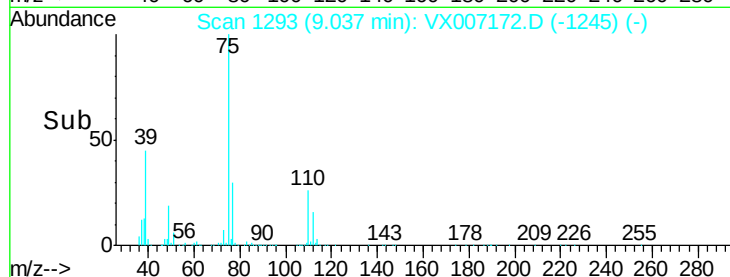
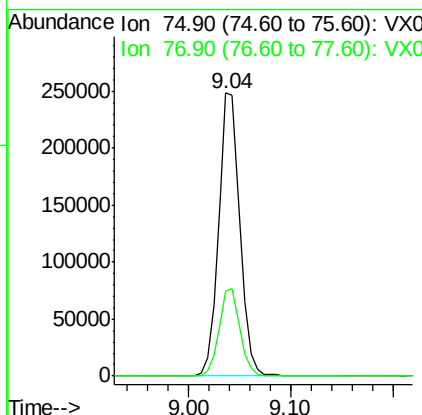
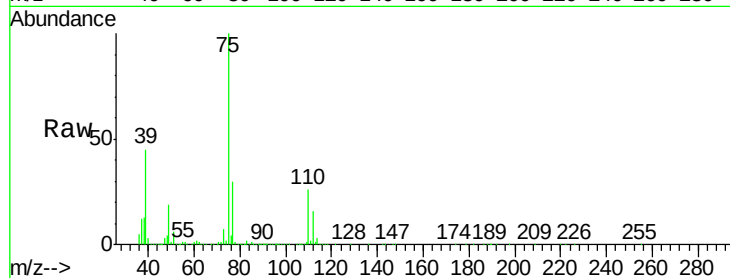
#53
t-1,3-Dichloropropene
Concen: 54.492 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.4	38.0

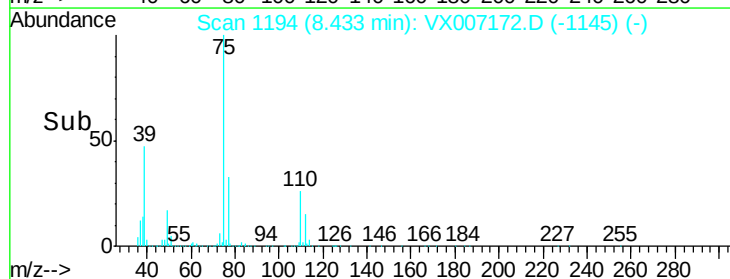
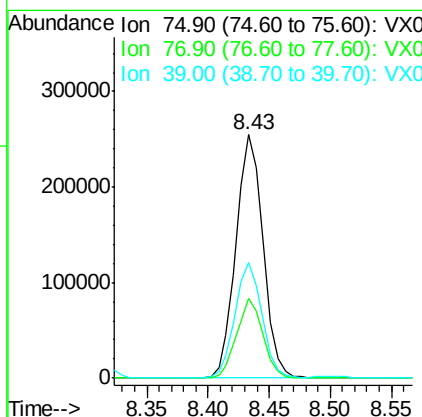
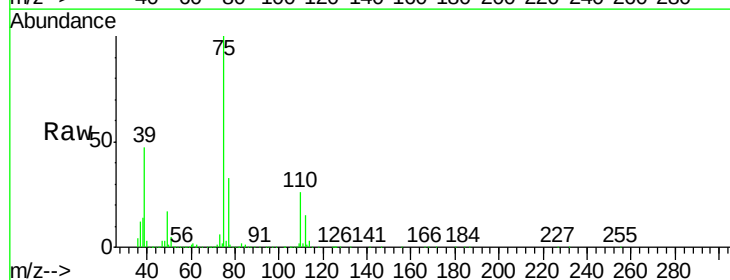
Manual Integrations
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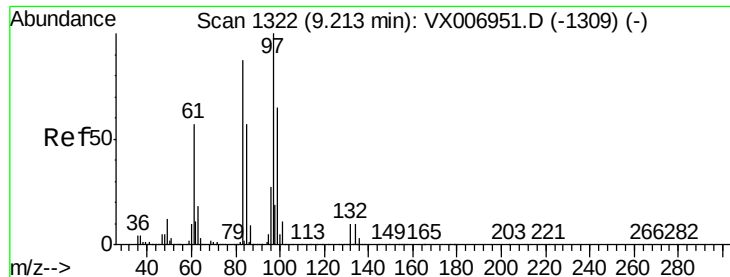
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.262 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.2
39	47.3	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 51.667 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

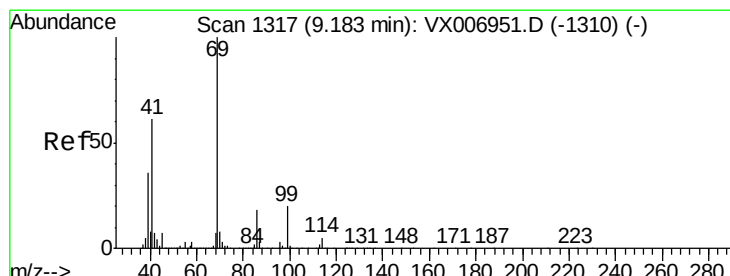
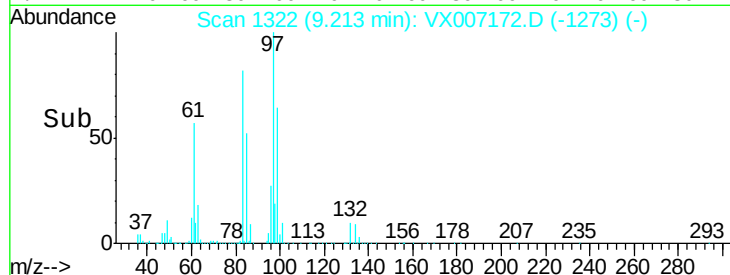
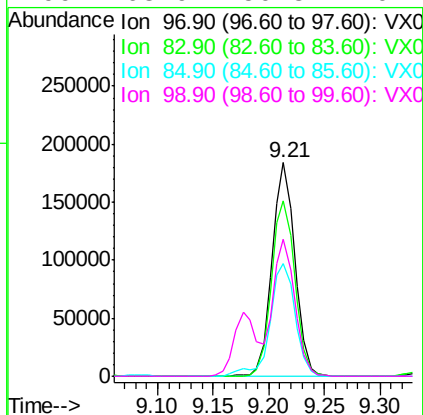
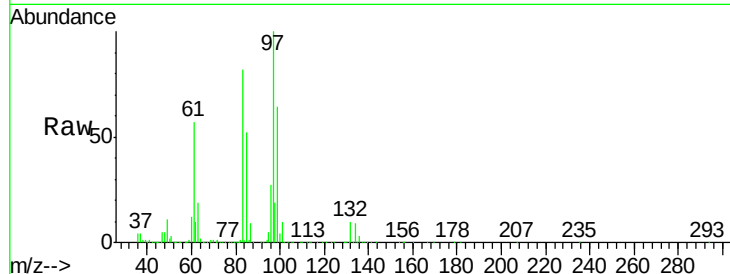
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		264284		
83	82.1	66.6	99.8		
85	52.5	42.7	64.1		
99	63.9	50.8	76.2		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.256 ug/l

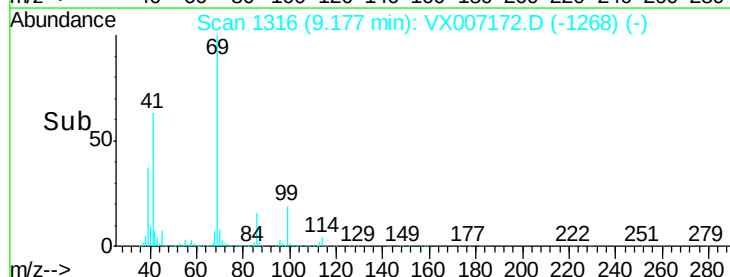
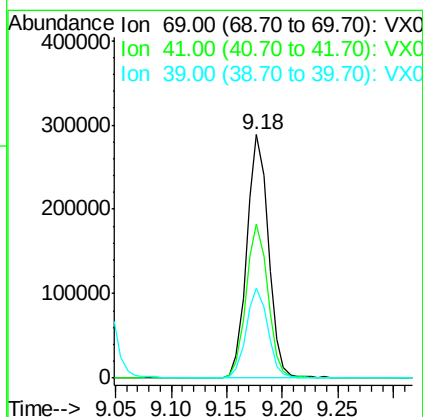
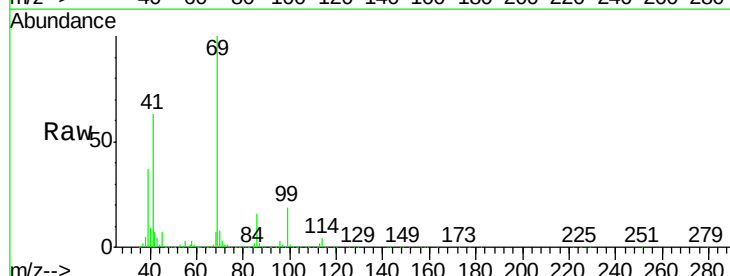
RT: 9.18 min Scan# 1316

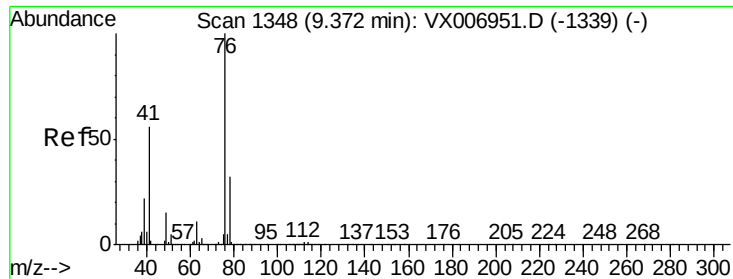
Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		390220		
41	64.0	48.7	73.1		
39	36.9	27.0	40.6		





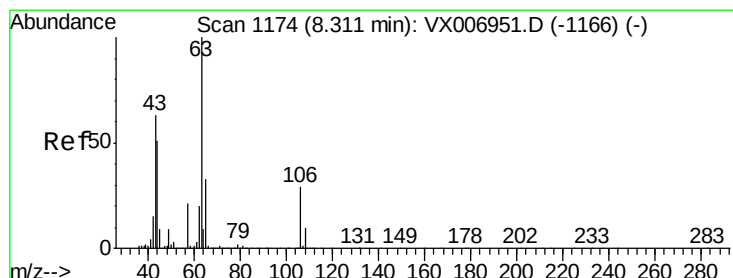
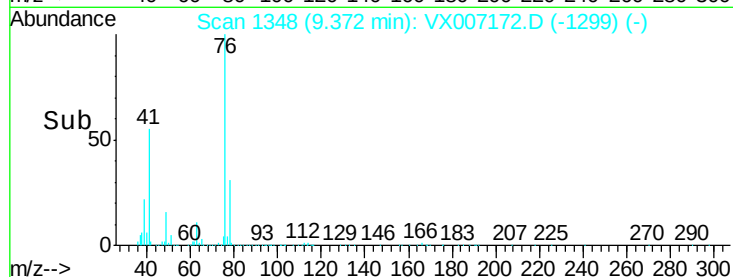
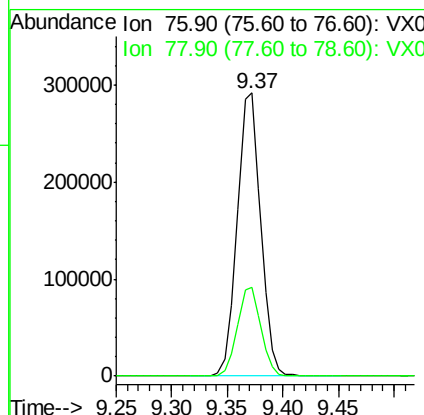
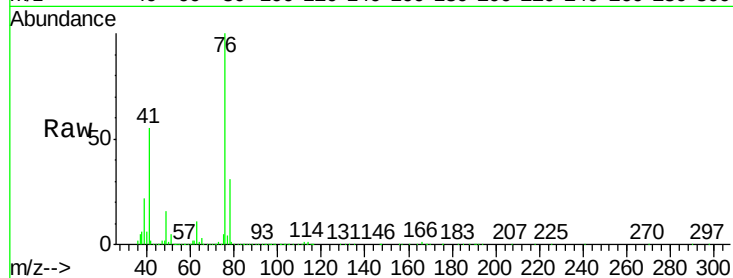
#57
 1,3-Dichloropropane
 Concen: 50.819 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.0	39.0

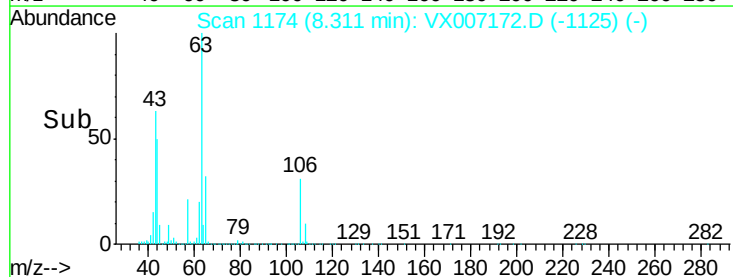
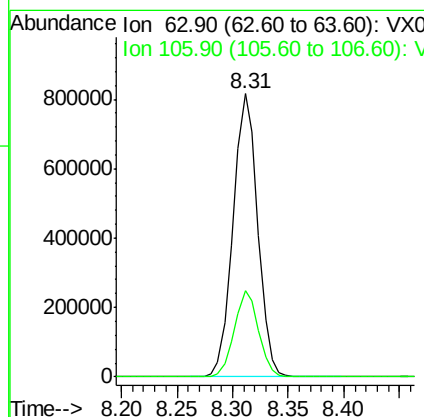
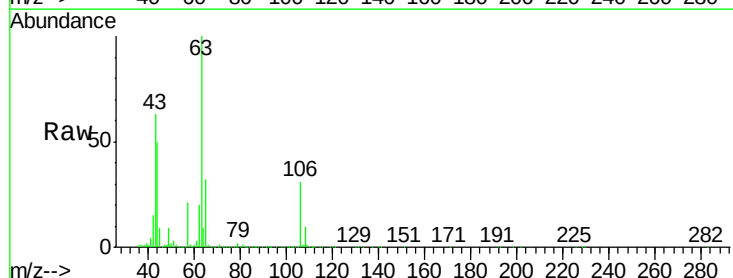
Manual Integrations
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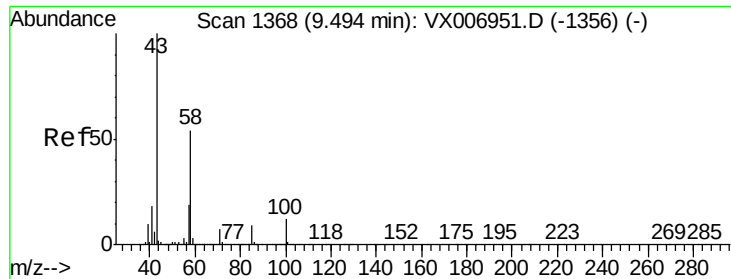
MMDadoda
 1/23/2019 11:29:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 325.493 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.6	36.8





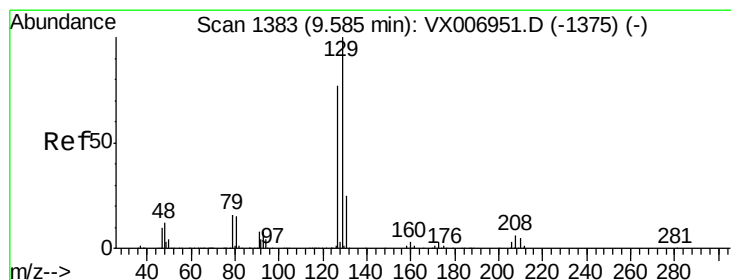
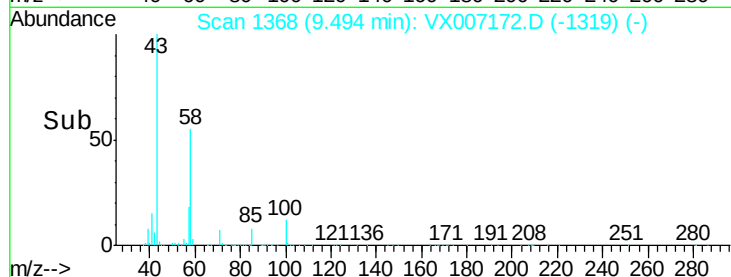
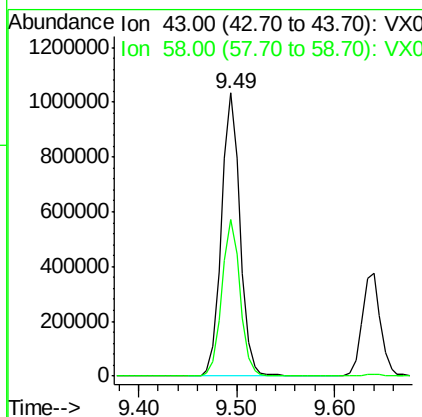
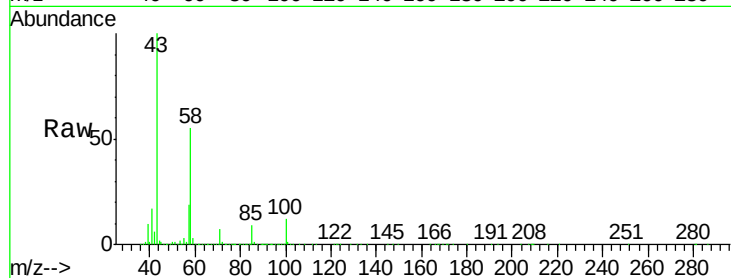
#59
2-Hexanone
Concen: 252.330 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1361748
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

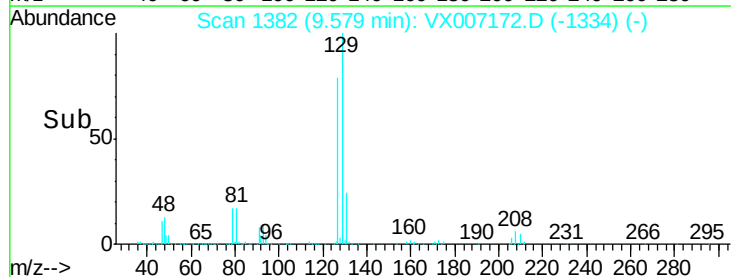
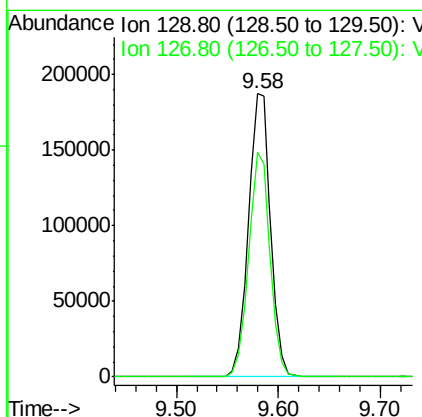
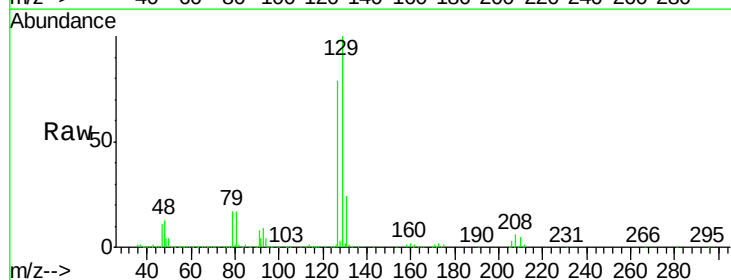
Manual Integrations
APPROVED

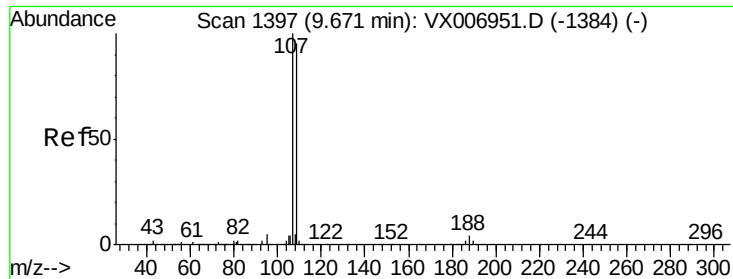
MMDadoda
1/23/2019 11:29:21 AM



#60
Dibromochloromethane
Concen: 56.944 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion: 129 Resp: 282840
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.517 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 278842

Ion Ratio Lower Upper

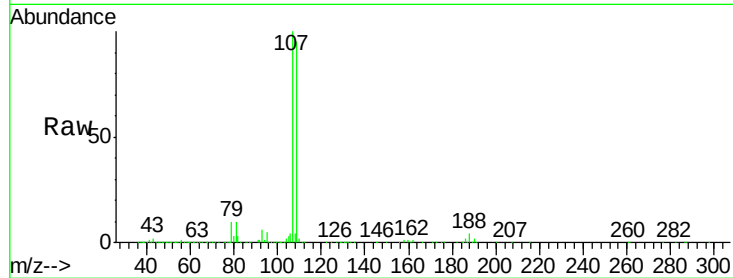
107 100

109 95.1 75.8 113.6

Manual Integrations
APPROVED

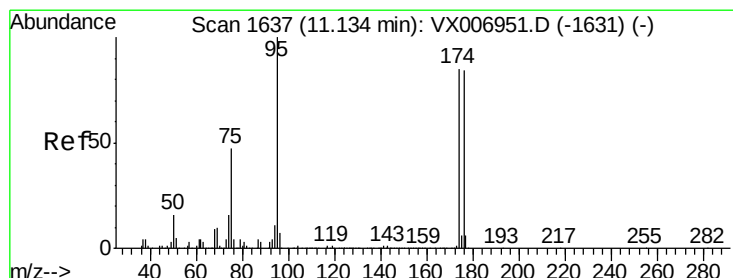
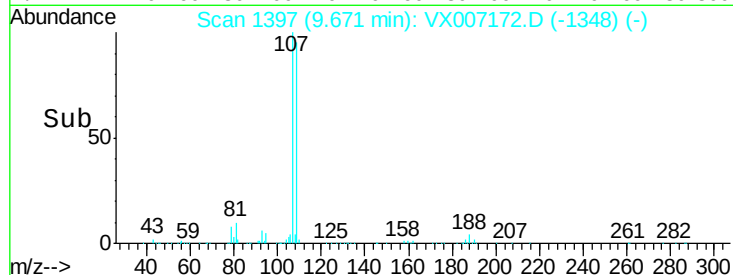
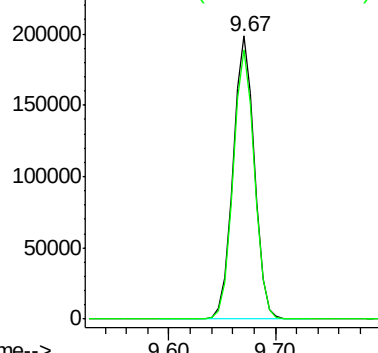
MMDadoda

1/23/2019 11:29:21 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 59.151 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

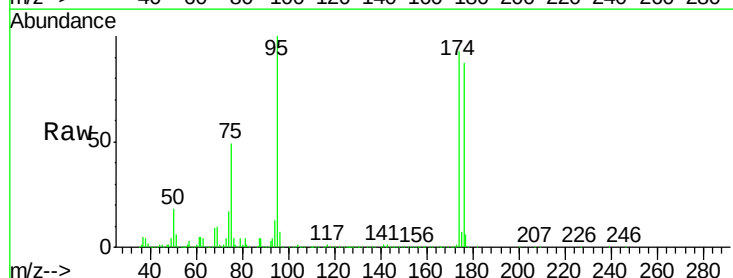
Tgt Ion: 95 Resp: 362288

Ion Ratio Lower Upper

95 100

174 95.9 0.0 182.2

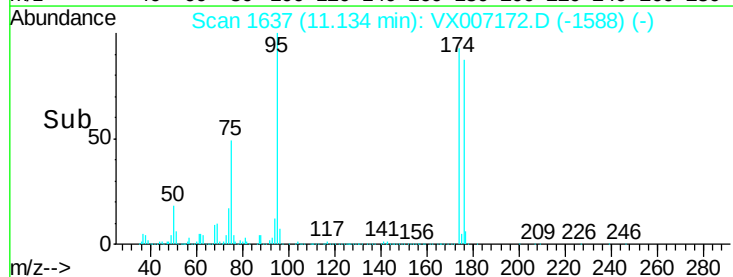
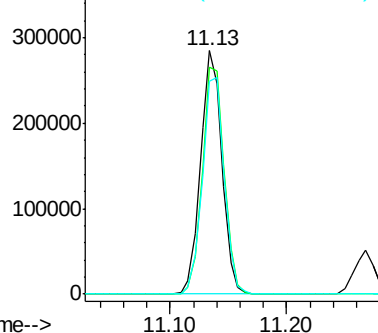
176 91.7 0.0 178.8

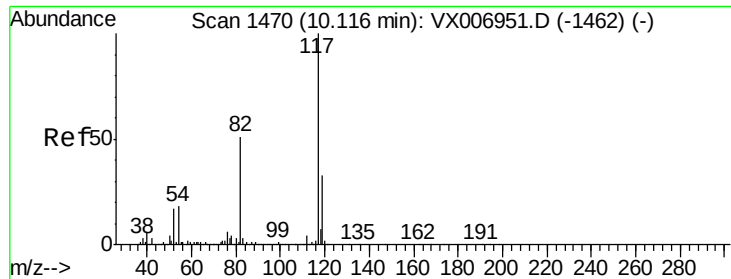


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





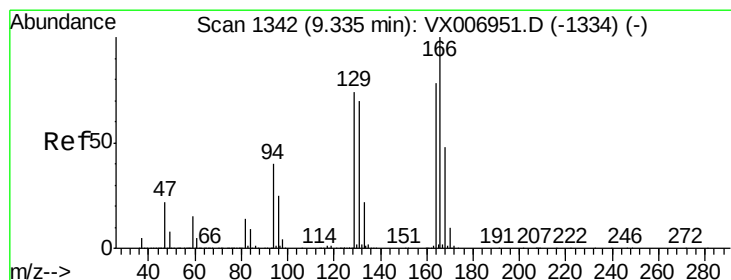
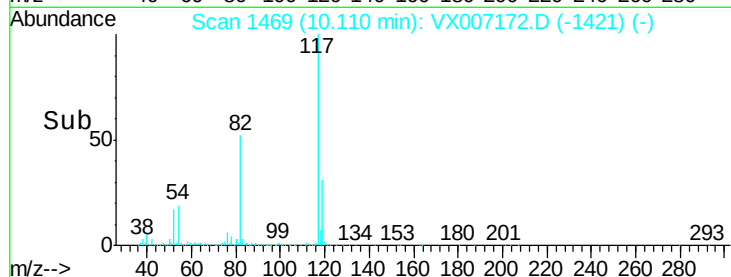
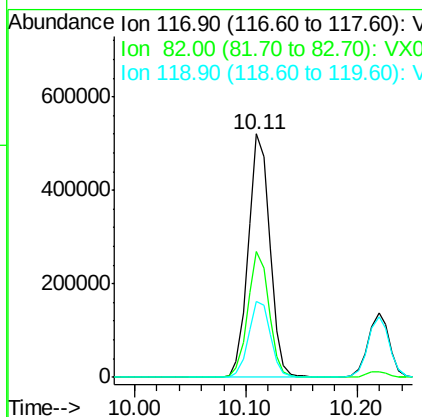
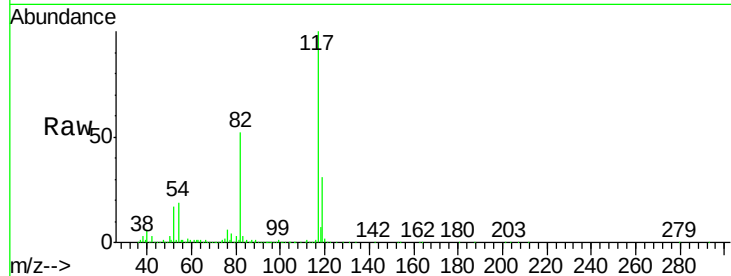
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.0	61.6
119	31.3	25.4	38.0

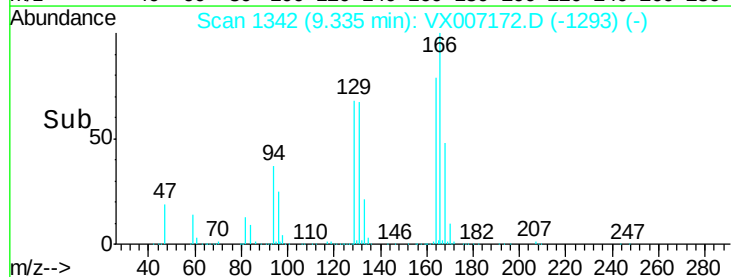
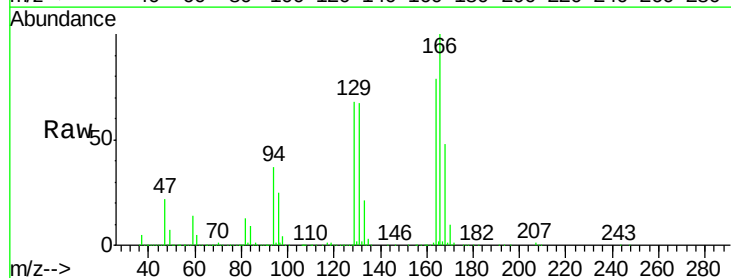
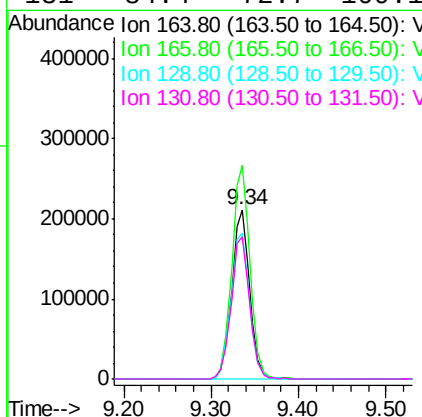
Manual Integrations
APPROVED

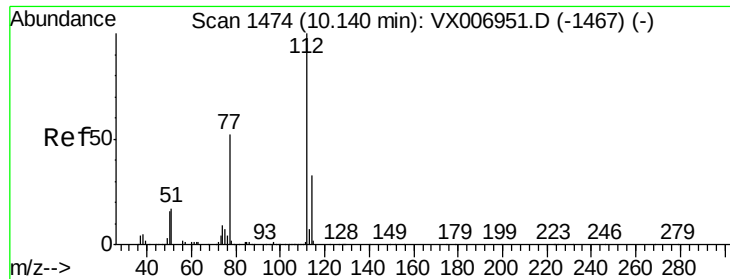
MMDadoda
1/23/2019 11:29:21 AM



#64
Tetrachloroethene
Concen: 49.881 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.5	153.7
129	86.5	75.1	112.7
131	84.4	72.7	109.1





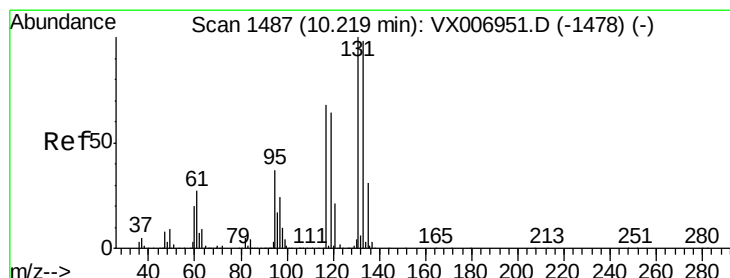
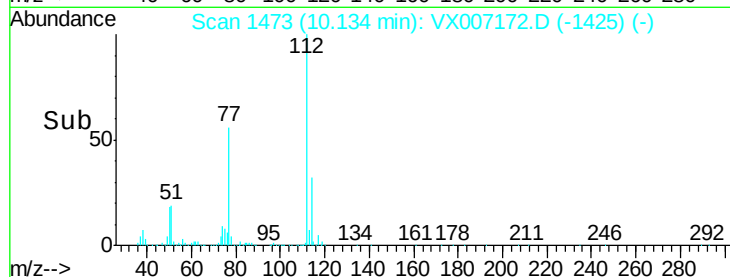
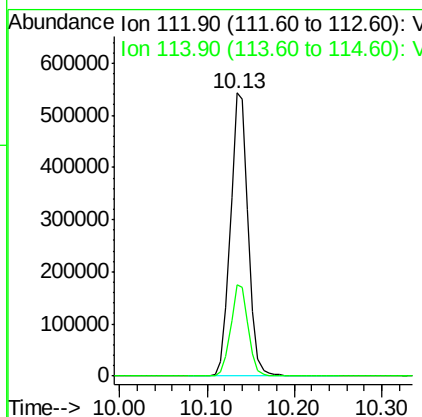
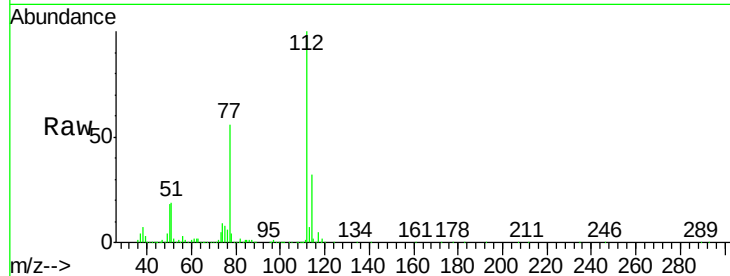
#65
Chlorobenzene
Concen: 49.923 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 762660
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

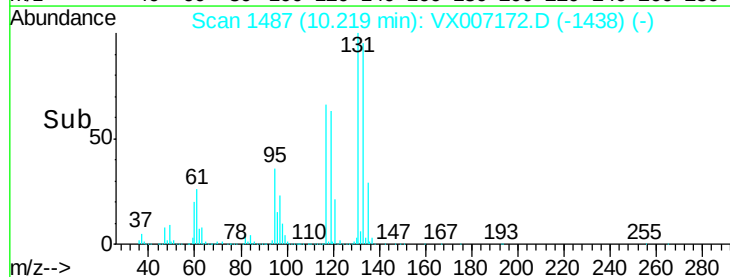
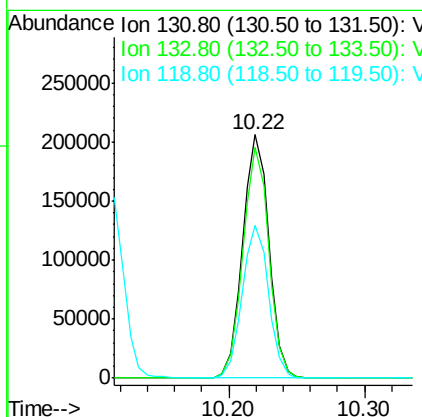
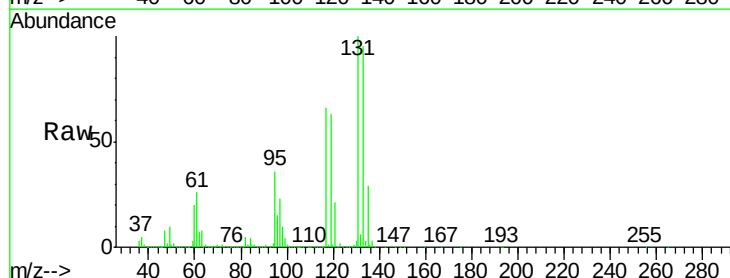
Manual Integrations
APPROVED

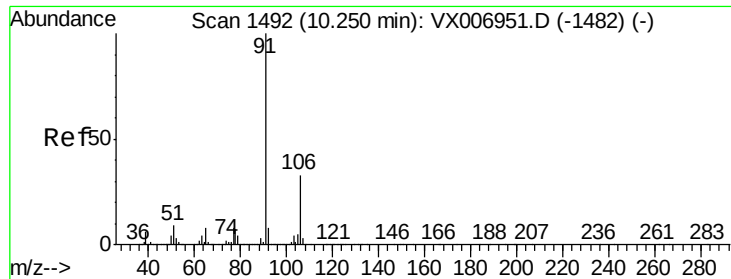
MMDadoda
1/23/2019 11:29:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.071 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion:131 Resp: 277877
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.2
119 63.0 32.6 97.8





#67

Ethyl Benzene

Concen: 50.199 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1266034

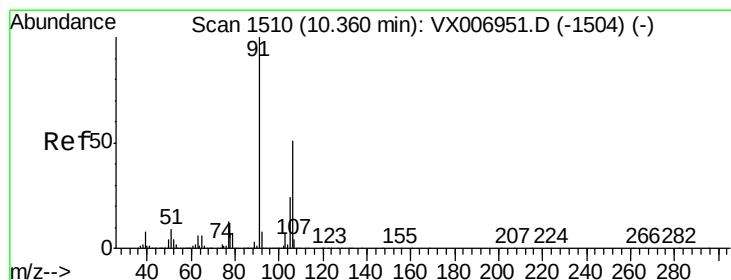
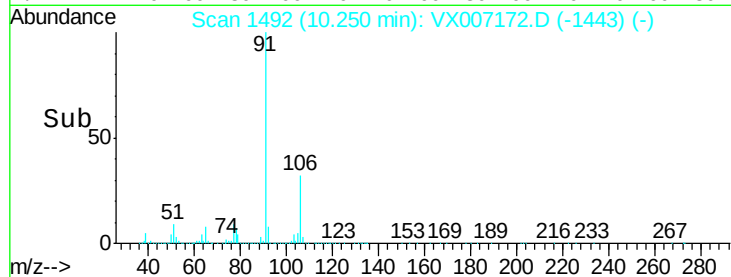
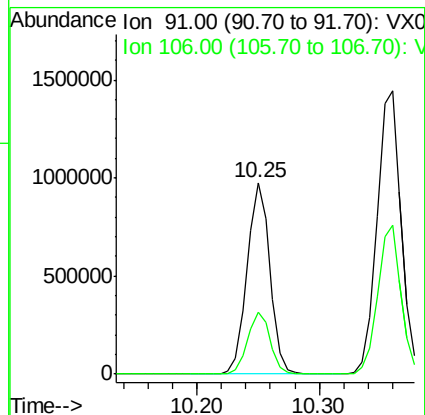
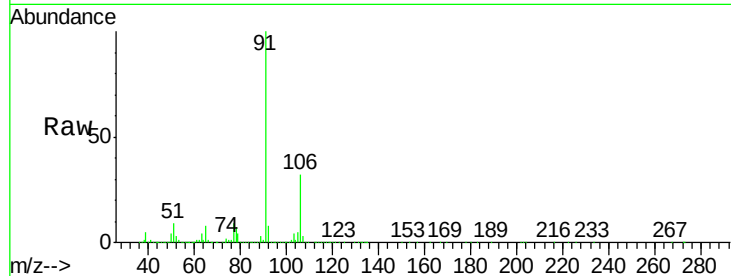
Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6

Manual Integrations
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MMDadoda
1/23/2019 11:29:21 AM



#68

m/p-Xylenes

Concen: 101.861 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007172.D

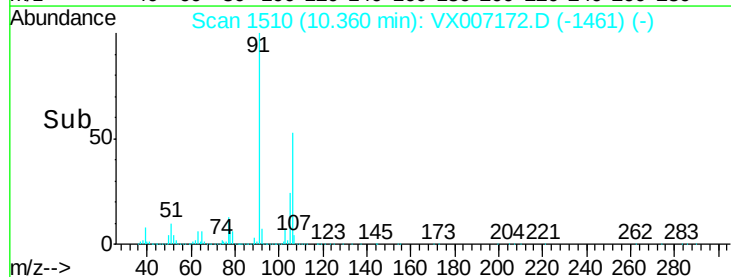
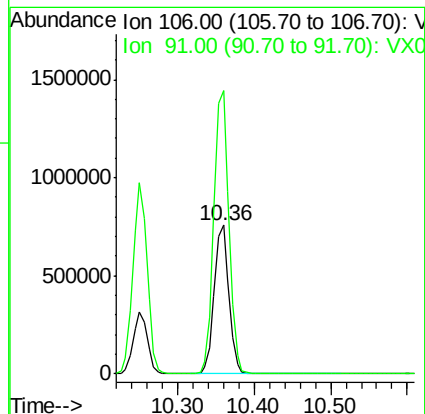
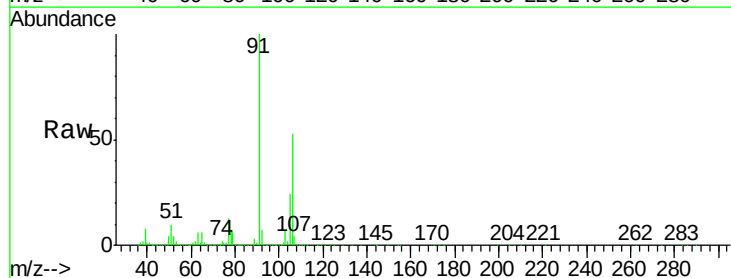
Acq: 22 Jan 2019 10:32

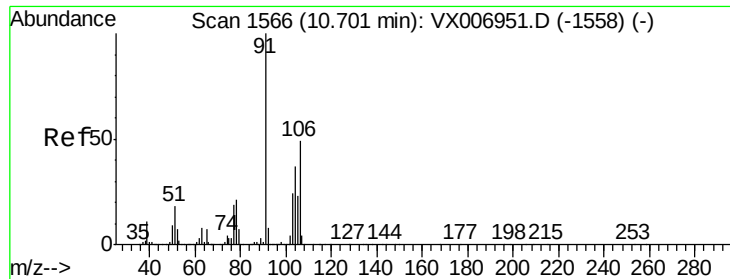
Tgt Ion: 106 Resp: 1012121

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6





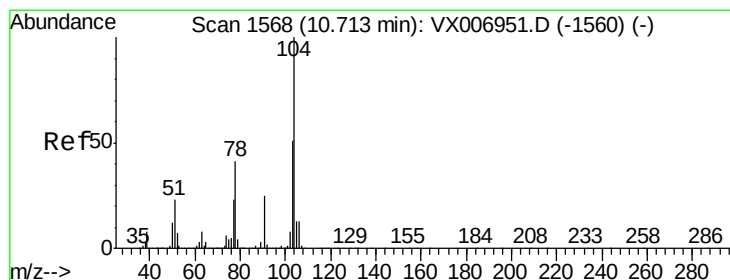
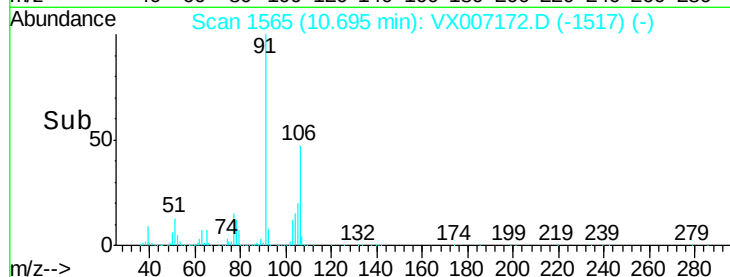
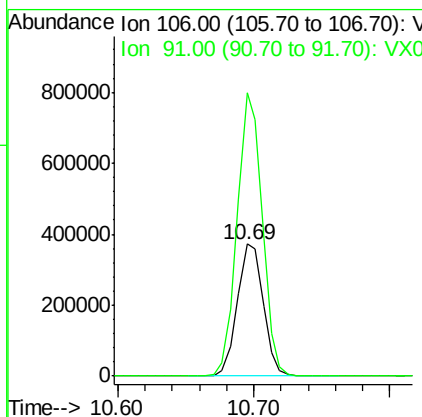
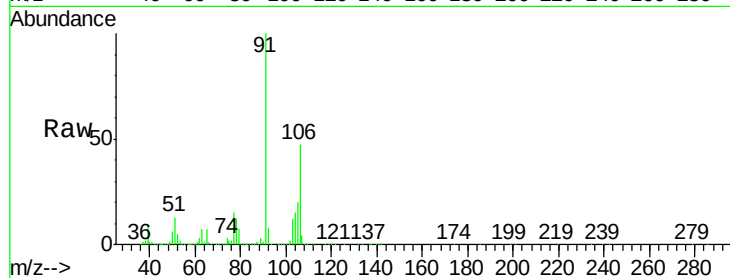
#69
o-Xylene
Concen: 50.882 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.4	101.3	303.7

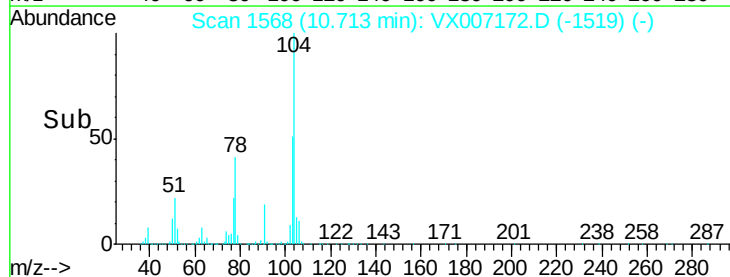
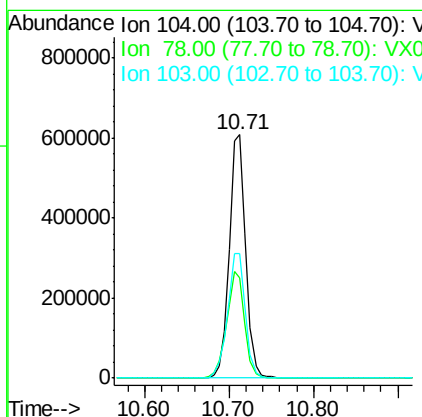
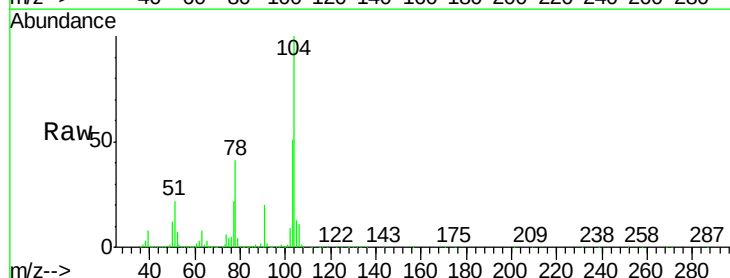
Manual Integrations
APPROVED

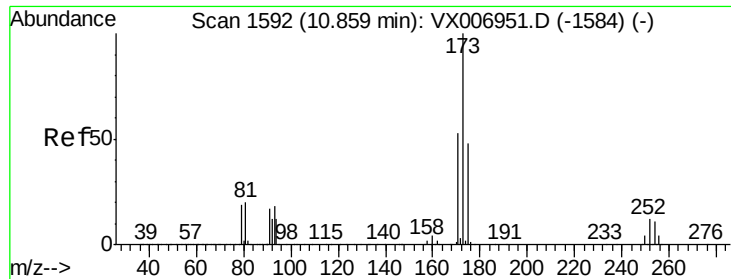
MMDadoda
1/23/2019 11:29:21 AM



#70
Styrene
Concen: 52.866 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	55.9	43.8	65.8





#71

Bromoform

Concen: 47.698 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

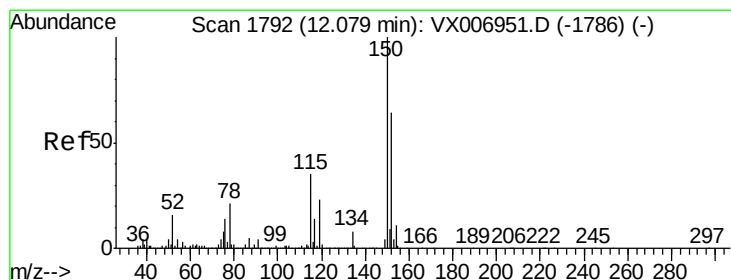
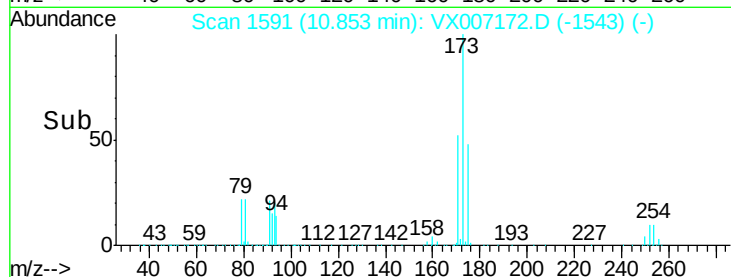
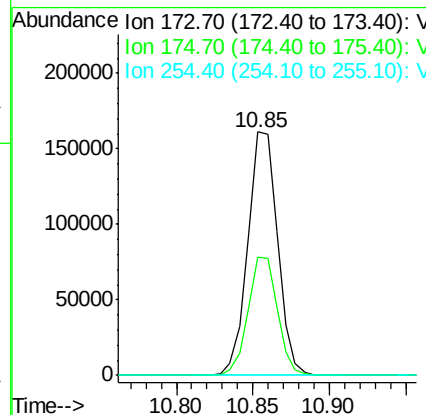
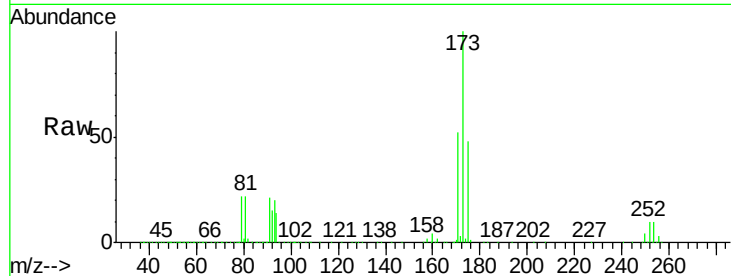
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	218201
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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1/23/2019 11:29:21 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

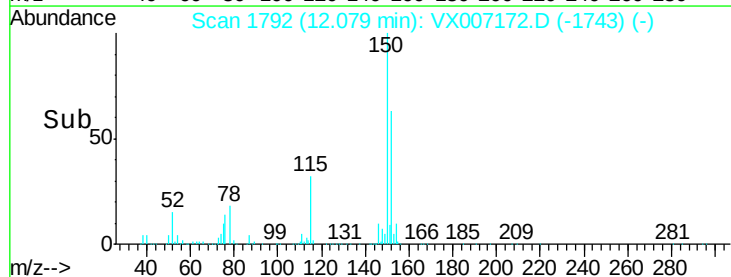
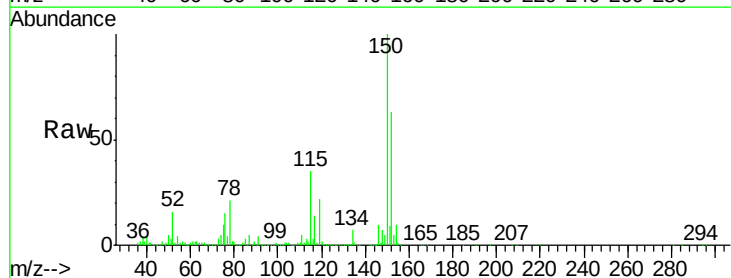
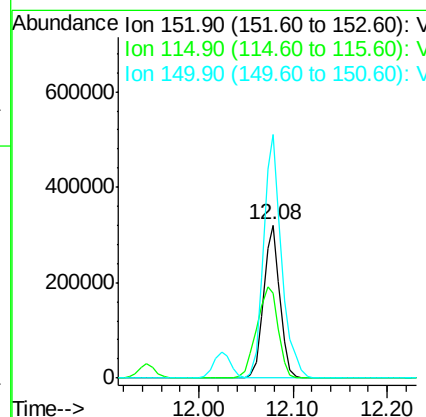
RT: 12.08 min Scan# 1792

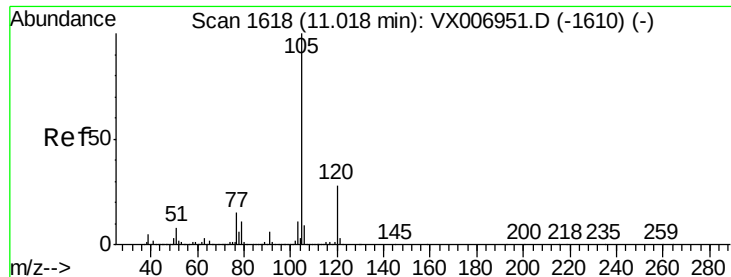
Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	152	Resp:	388841
Ion Ratio	Lower	Upper	
152	100		
115	78.9	39.1	117.2
150	176.4	0.0	344.8





#73

Isopropylbenzene

Concen: 48.522 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1330415

Ion Ratio Lower Upper

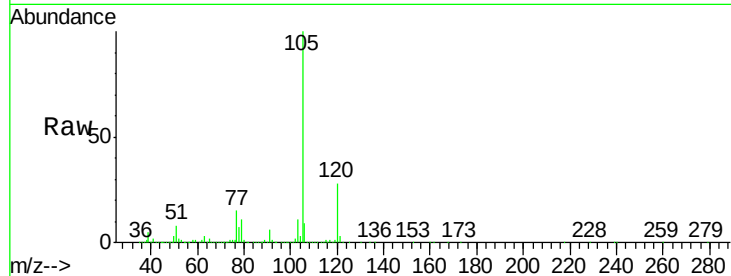
105 100

120 27.5 14.1 42.4

Manual Integrations
APPROVED

MMDadoda

1/23/2019 11:29:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

400000

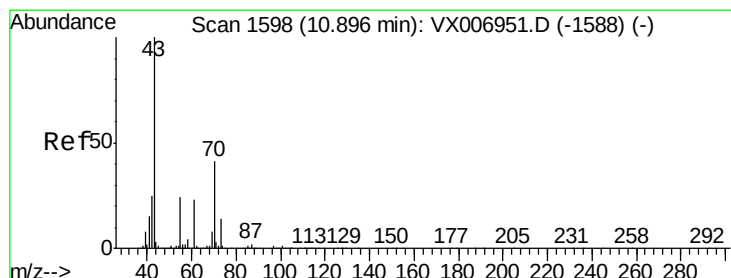
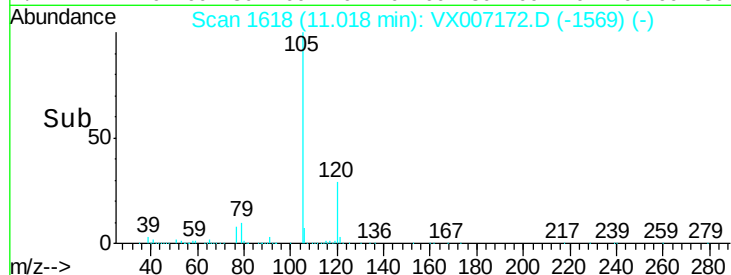
200000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 46.352 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion: 43 Resp: 511694

Ion Ratio Lower Upper

43 100

70 42.3 35.8 53.8

55 23.9 19.4 29.0

61 23.8 20.1 30.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

400000

200000

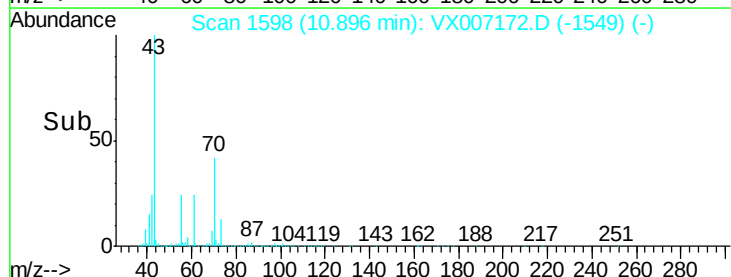
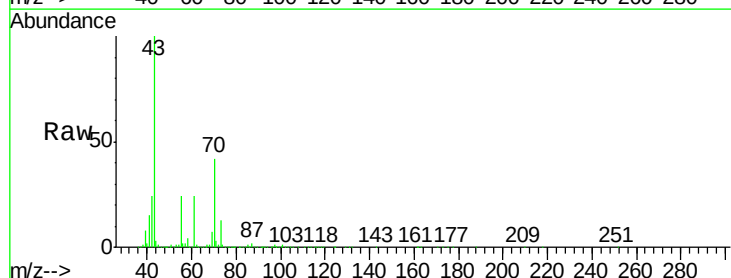
0

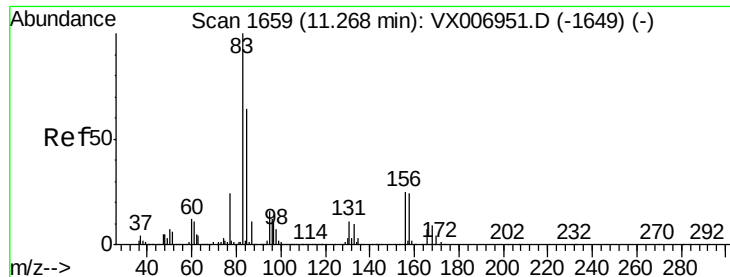
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 44.779 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

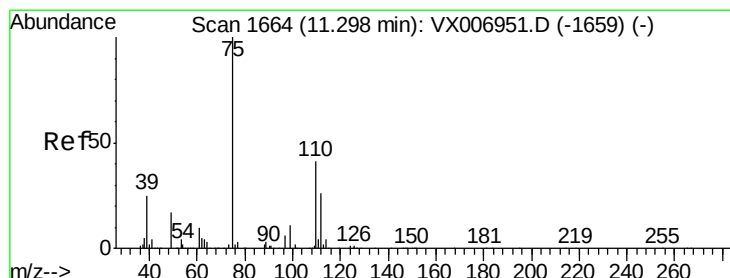
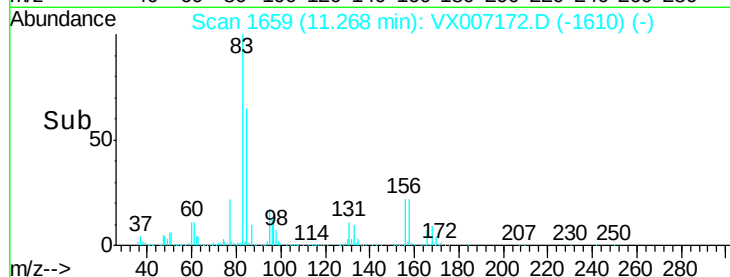
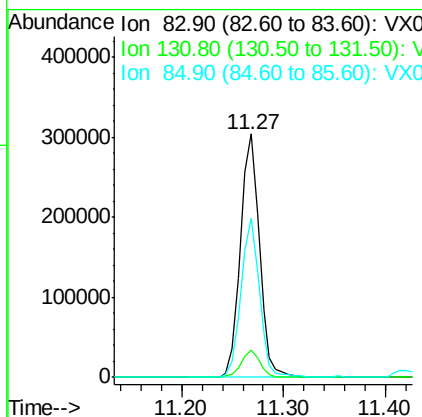
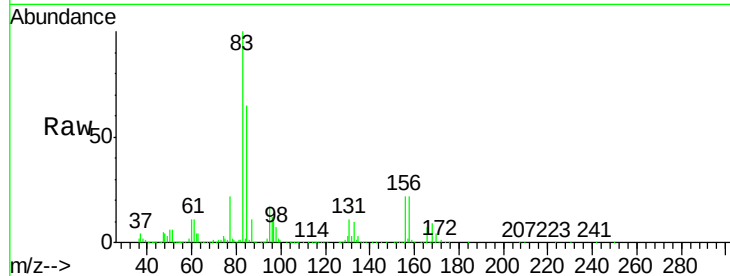
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	389784
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.1
85	63.6	32.2	96.6

Manual Integrations
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1/23/2019 11:29:21 AM



#76

1,2,3-Trichloropropane

Concen: 46.783 ug/l m

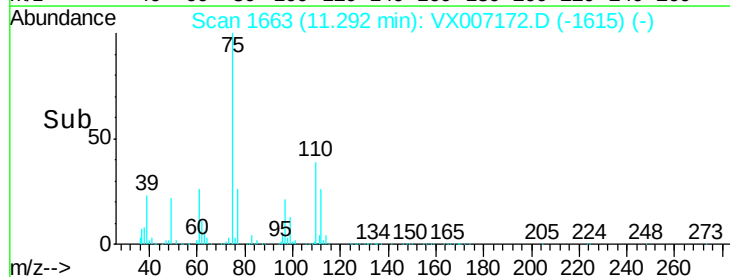
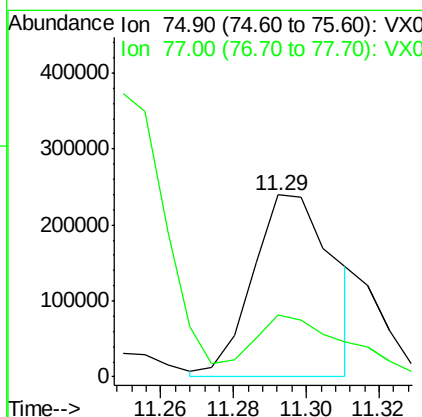
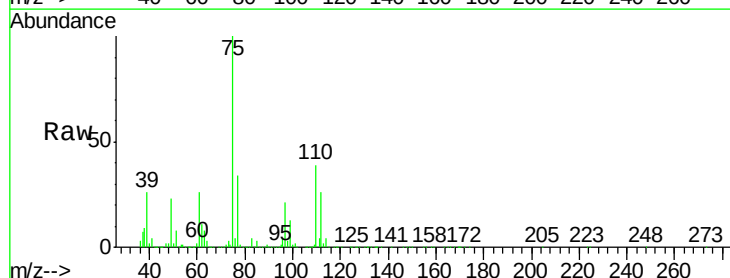
RT: 11.29 min Scan# 1663

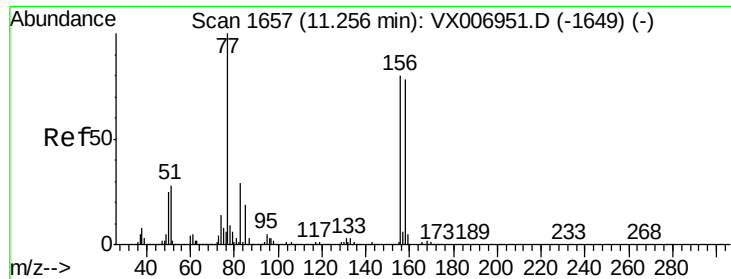
Delta R.T. -0.01 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Tgt Ion:	75	Resp:	368639
Ion Ratio	Lower	Upper	
75	100		
77	39.8	18.5	55.5





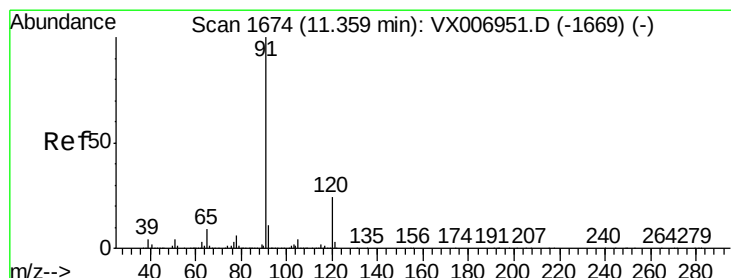
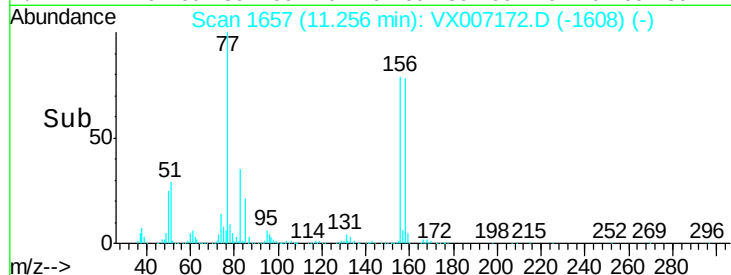
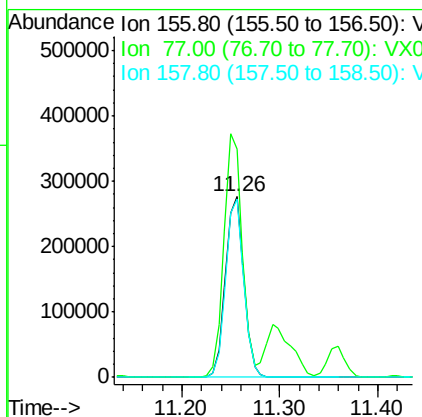
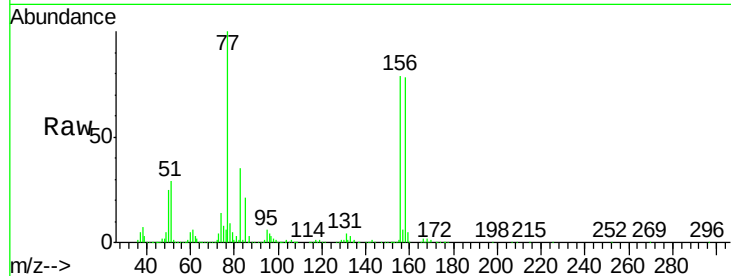
#77
Bromobenzene
Concen: 47.694 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.9	68.0	204.0
158	97.7	48.3	144.8

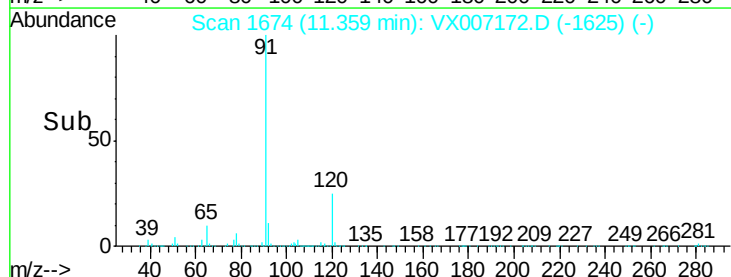
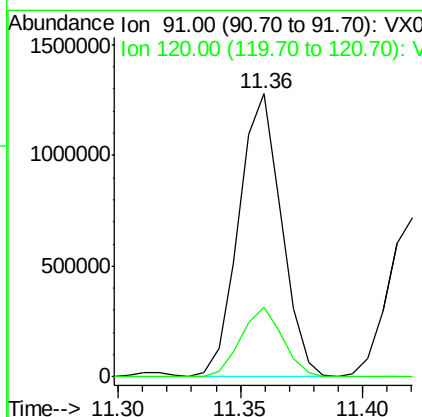
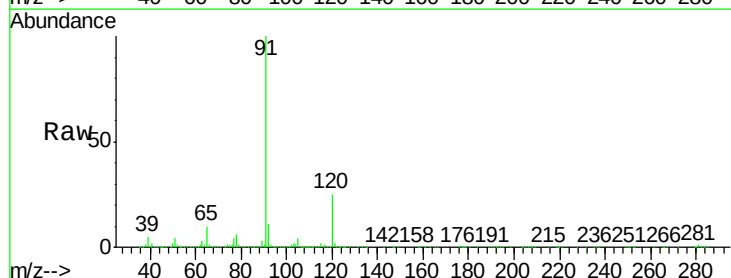
Manual Integrations
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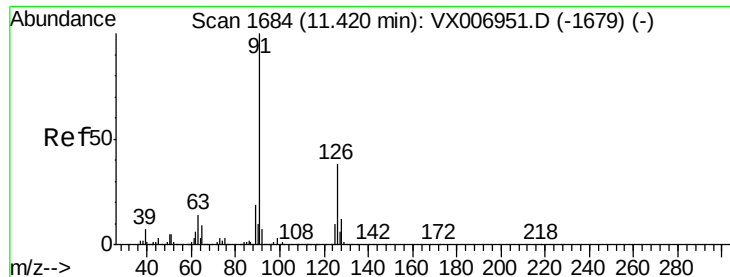
MMDadoda
1/23/2019 11:29:21 AM



#78
n-propylbenzene
Concen: 51.056 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.7	38.0





#79

2-Chlorotoluene

Concen: 49.297 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 893210

Ion Ratio Lower Upper

91 100

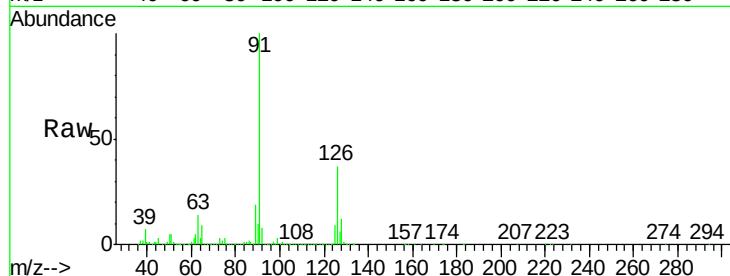
126 37.0 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

1500000

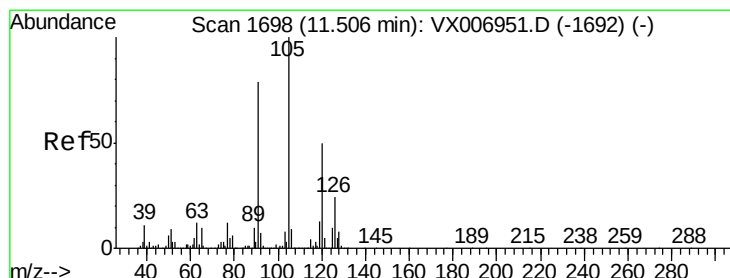
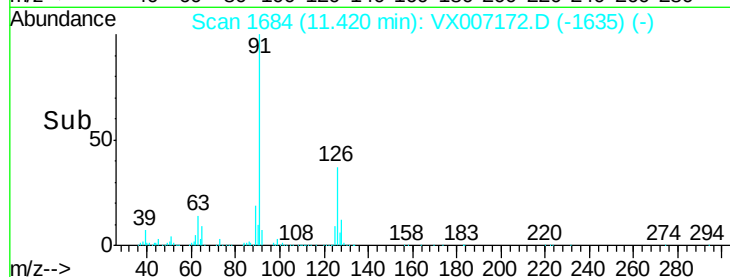
1000000

500000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007172.D

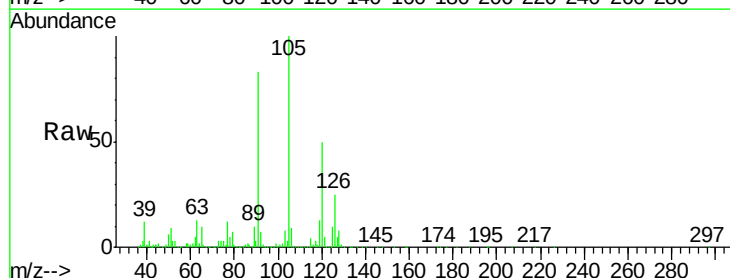
Acq: 22 Jan 2019 10:32

Tgt Ion:105 Resp: 1128463

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

1000000

800000

600000

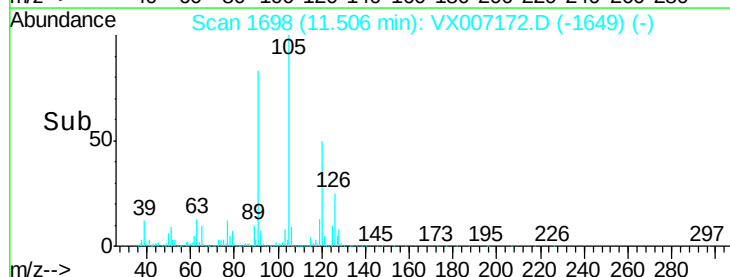
400000

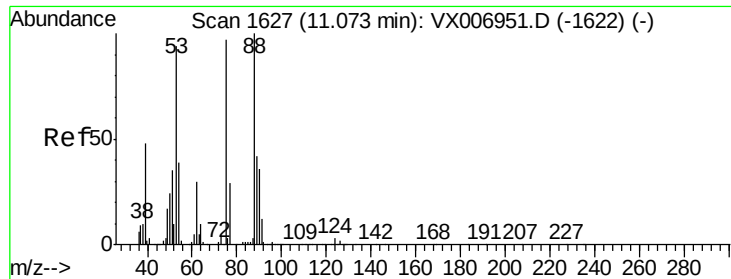
200000

0

11.45 11.50 11.55

Time-->





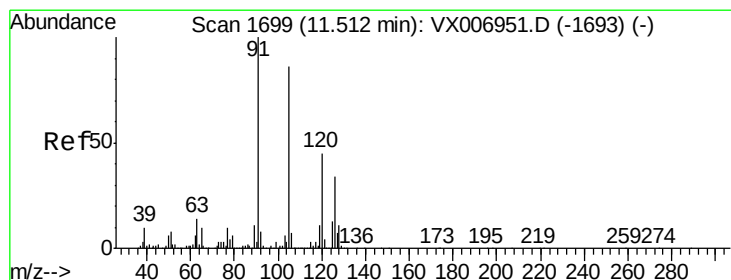
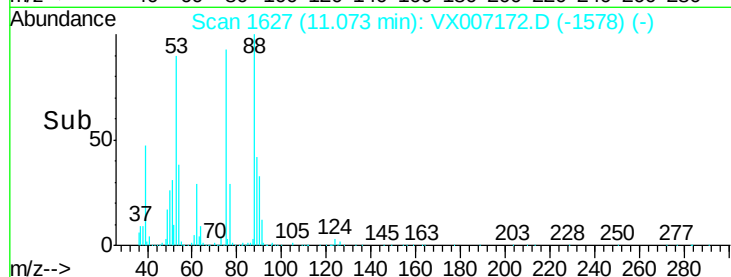
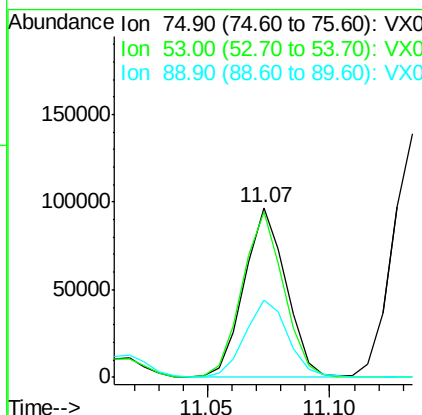
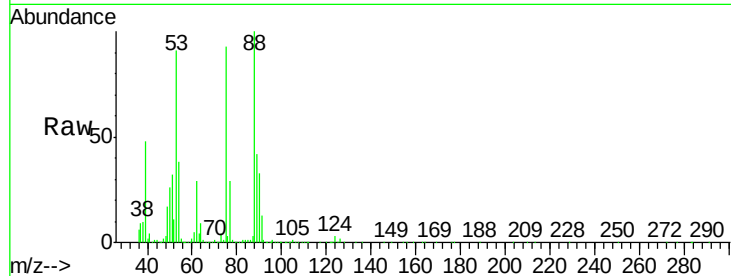
#81
trans-1,4-Dichloro-2-butene
Concen: 44.368 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	79.7	119.5
89	47.0	38.0	57.0

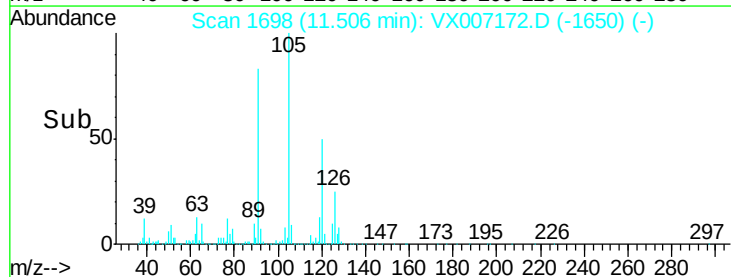
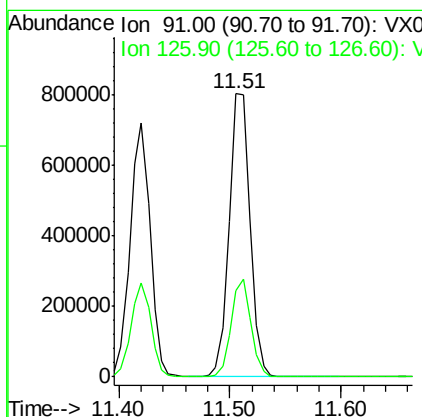
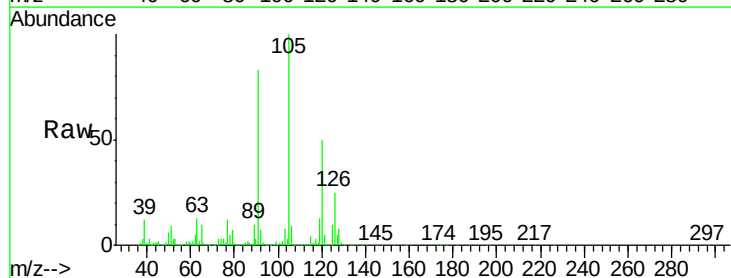
Manual Integrations
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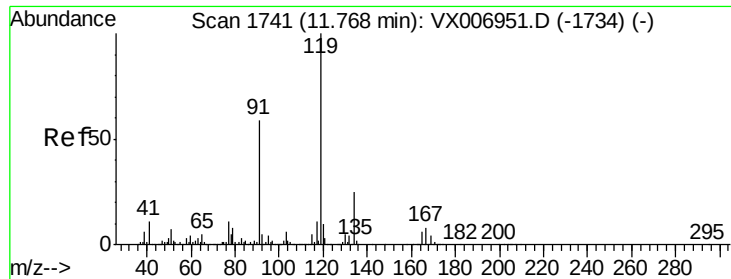
MMDadoda
1/23/2019 11:29:21 AM



#82
4-Chlorotoluene
Concen: 49.764 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





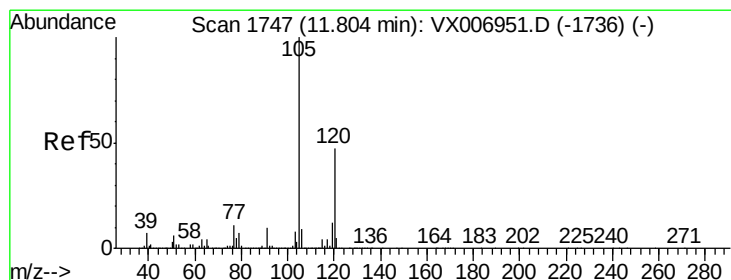
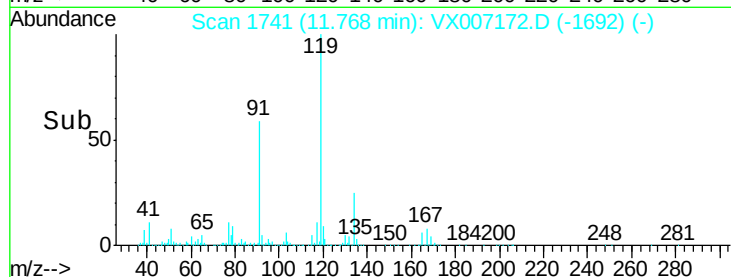
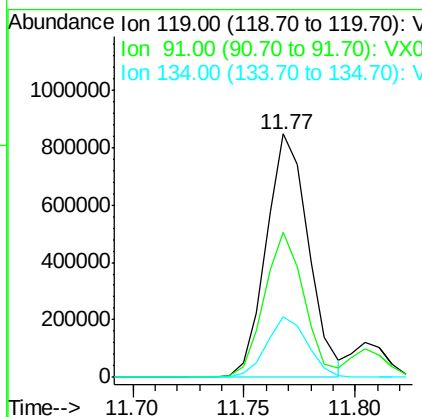
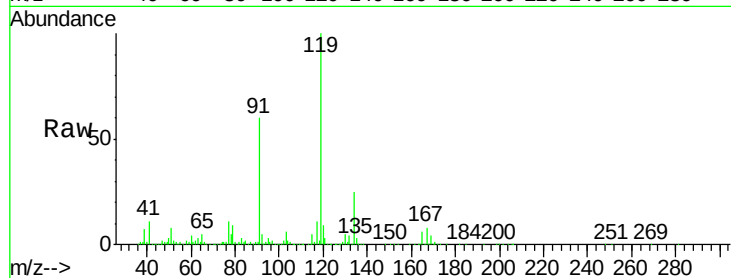
#83
 tert-Butylbenzene
 Concen: 48.752 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1114389
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.7 83.1
 134 24.2 11.9 35.5

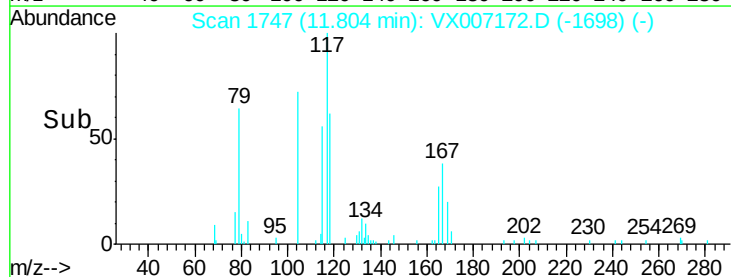
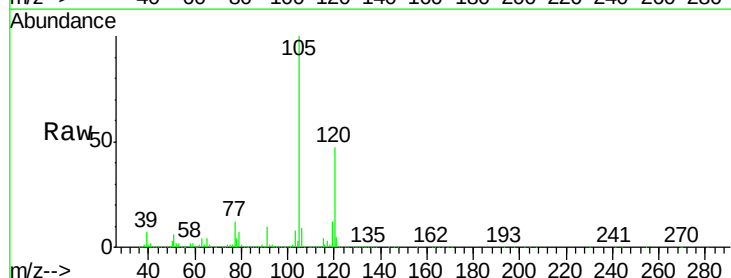
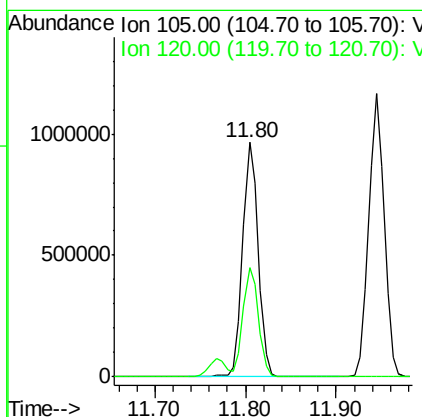
Manual Integrations
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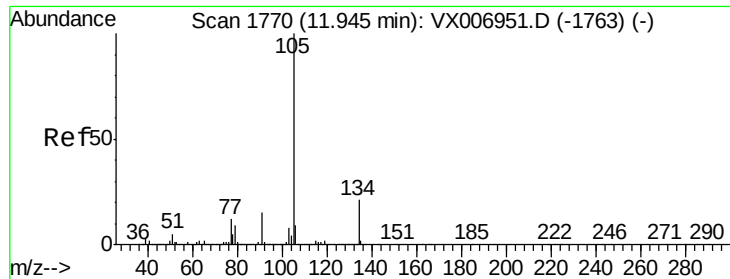
MMDadoda
 1/23/2019 11:29:21 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.056 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion:105 Resp: 1153219
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.926 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1390231

Ion Ratio Lower Upper

105 100

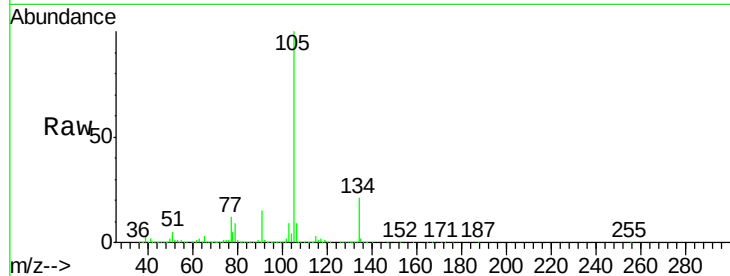
134 21.4 10.7 31.9

Manual Integrations

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MMDadoda

1/23/2019 11:29:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

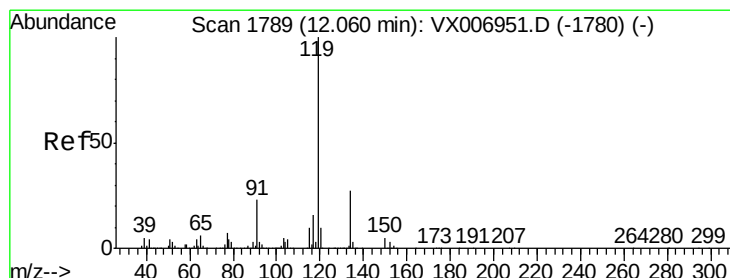
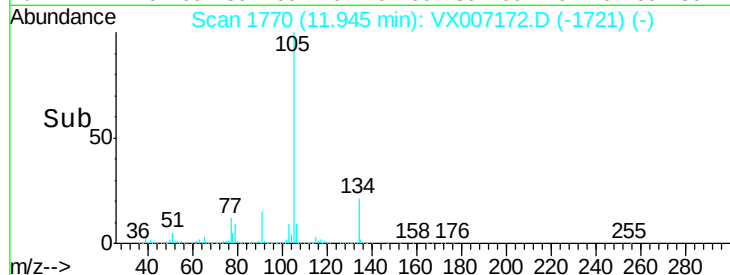
1000000

500000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.632 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007172.D

Acq: 22 Jan 2019 10:32

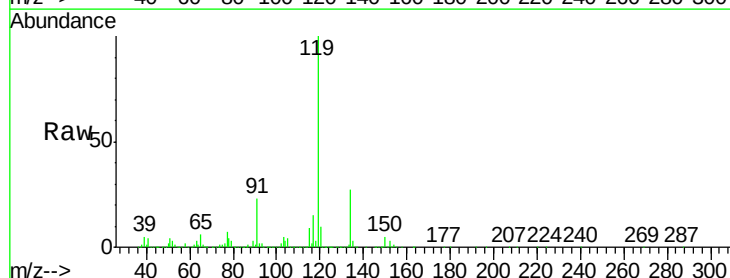
Tgt Ion:119 Resp: 1260768

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

91 22.5 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

1500000

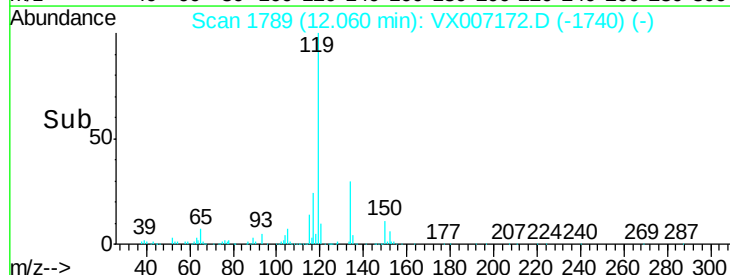
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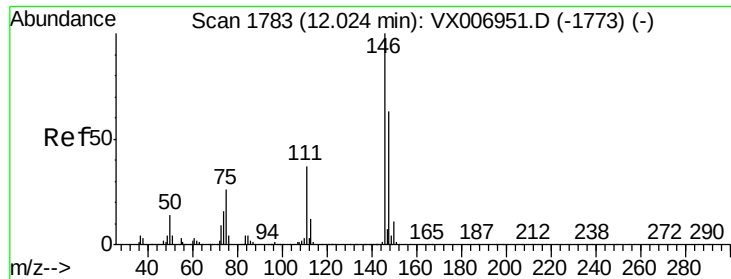
500000

0

Time-->

12.00 12.10 12.20





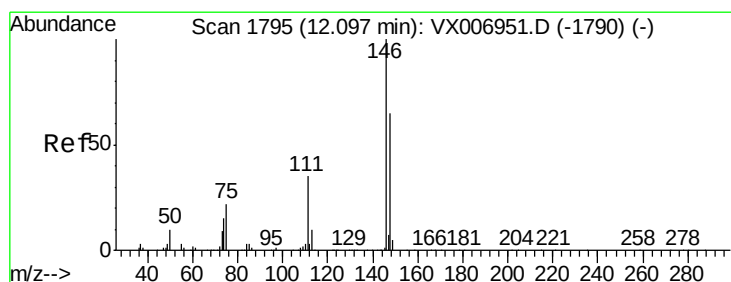
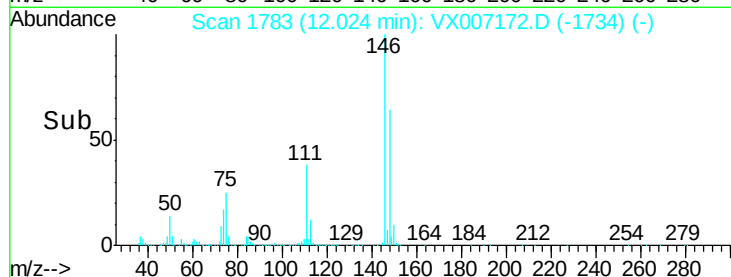
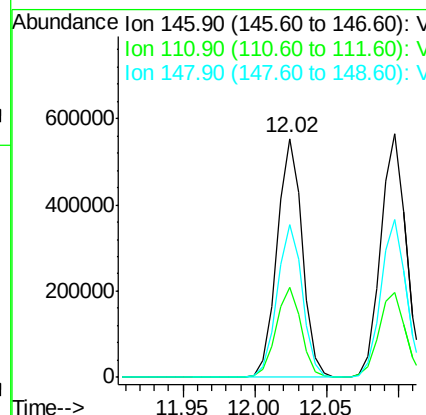
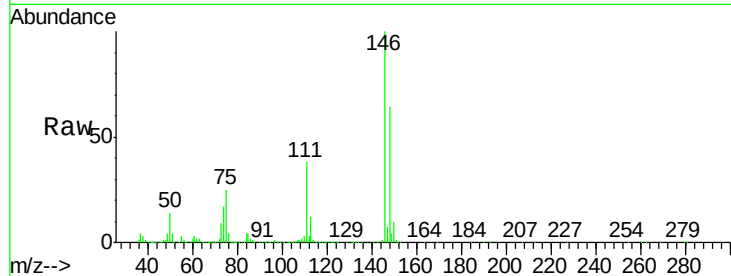
#87
 1,3-Dichlorobenzene
 Concen: 49.274 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.3	31.8	95.3

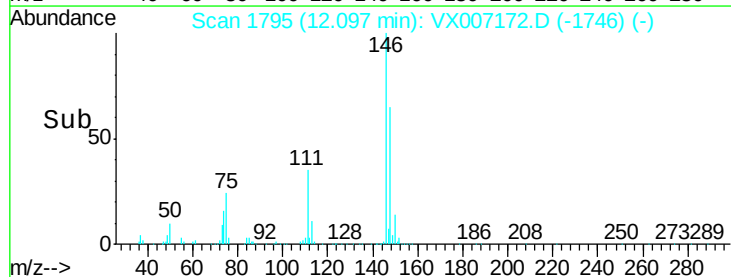
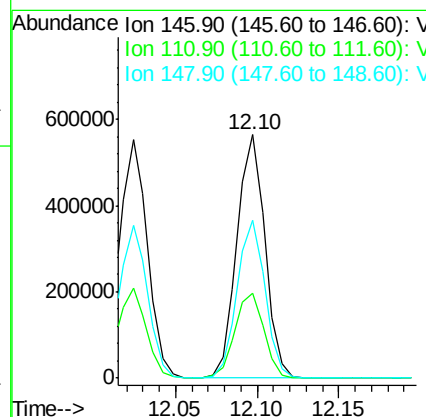
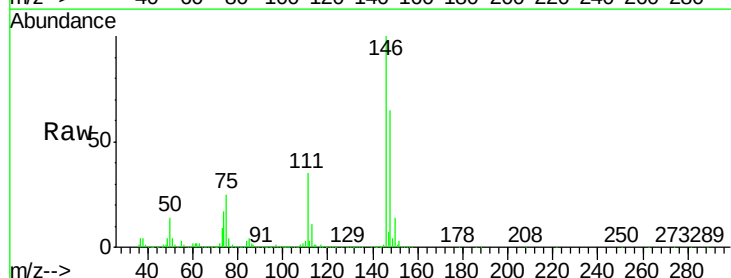
Manual Integrations
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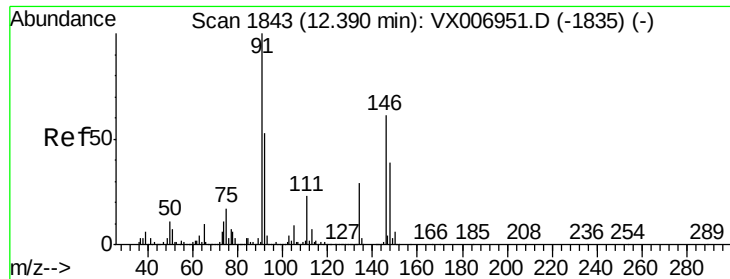
MMDadoda
 1/23/2019 11:29:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 52.175 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.8	31.9	95.9





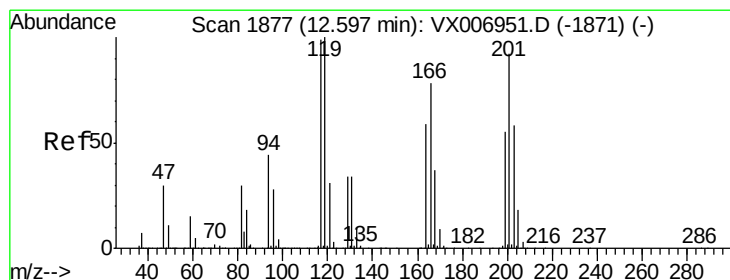
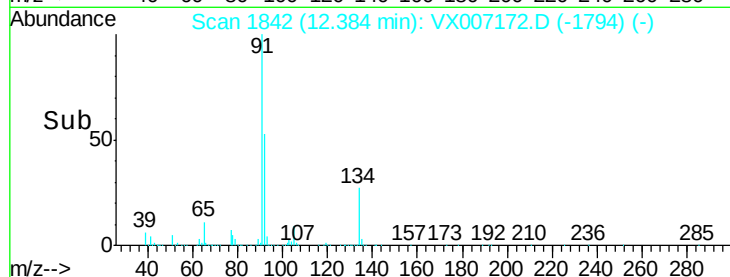
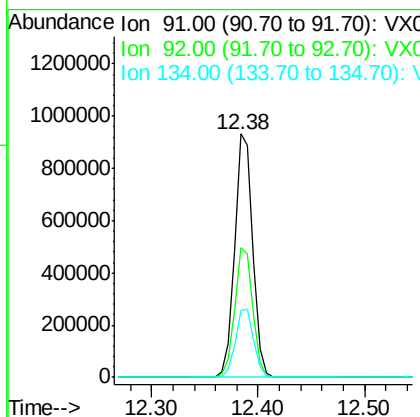
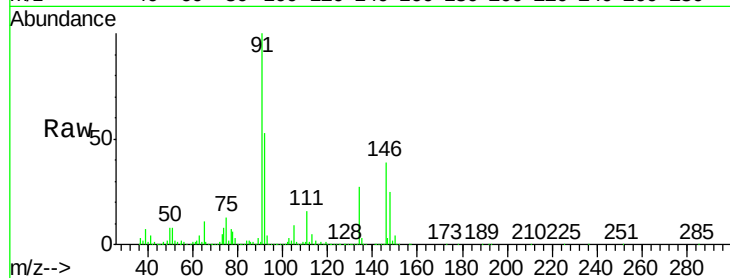
#89
n-Butylbenzene
Concen: 53.090 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	28.3	14.4	43.2

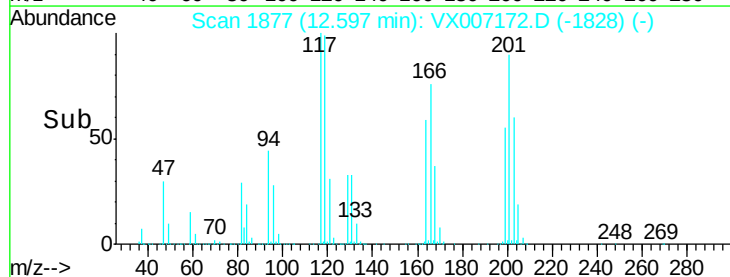
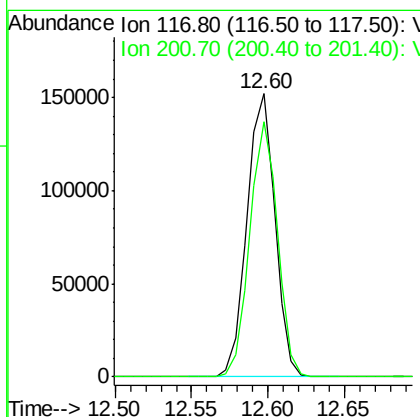
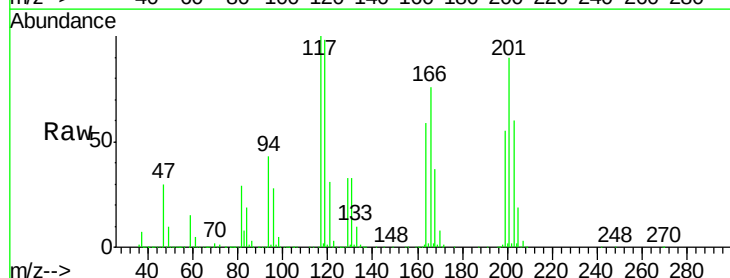
Manual Integrations
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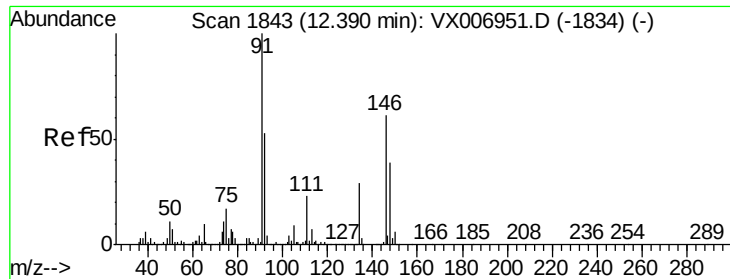
MMDadoda
1/23/2019 11:29:21 AM



#90
Hexachloroethane
Concen: 49.780 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	42.9	128.7





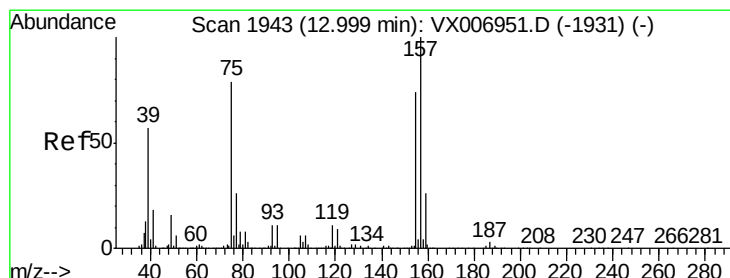
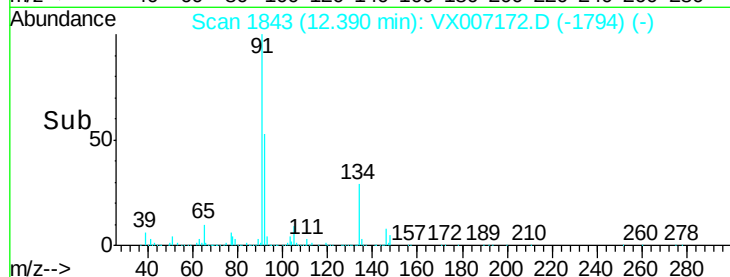
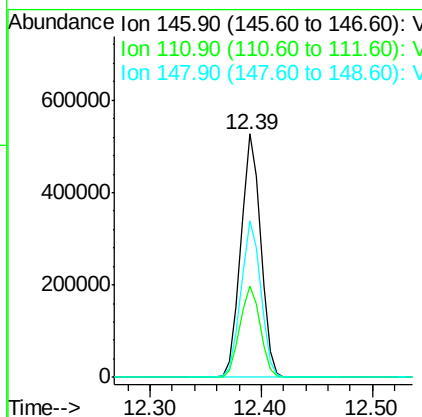
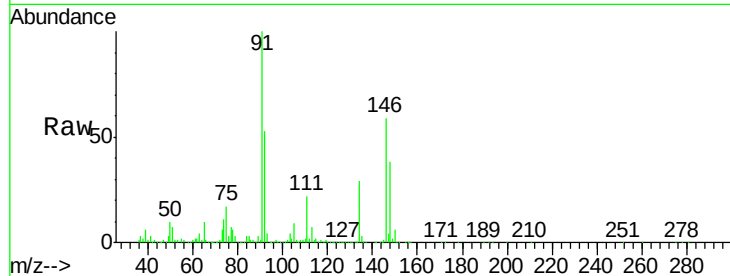
#91
 1,2-Dichlorobenzene
 Concen: 48.571 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	654535		
111	38.1		19.4	58.2
148	64.2		32.3	96.9

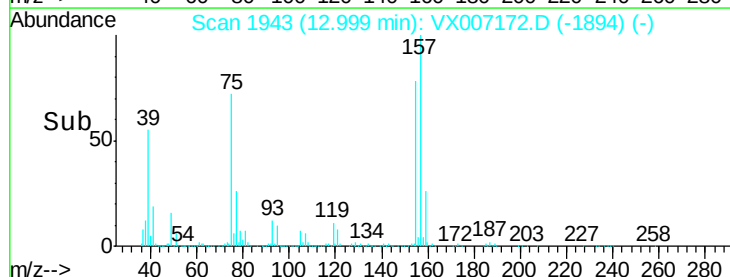
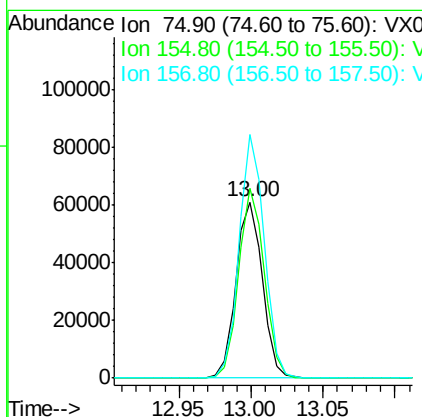
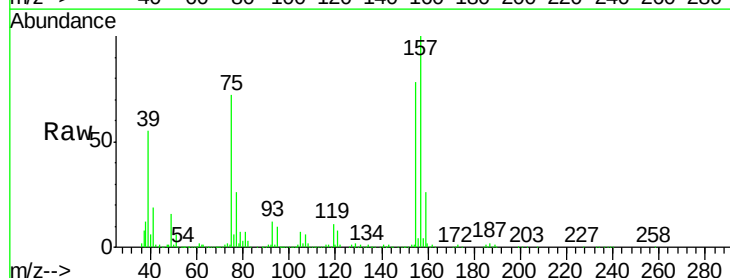
Manual Integrations
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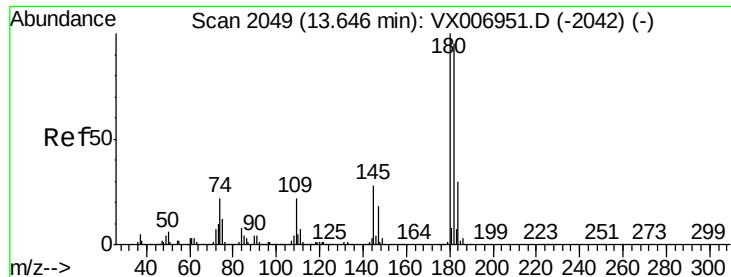
MMDadoda
 1/23/2019 11:29:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.622 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78540		
155	103.8		50.6	151.8
157	130.7		64.6	193.8





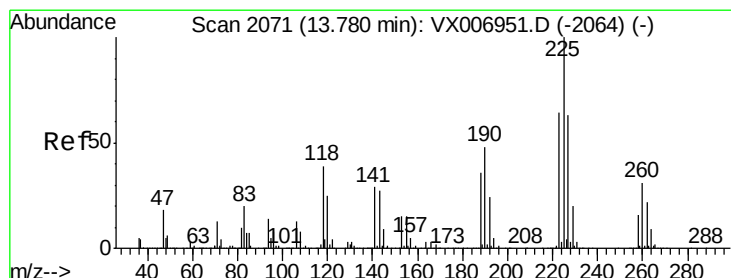
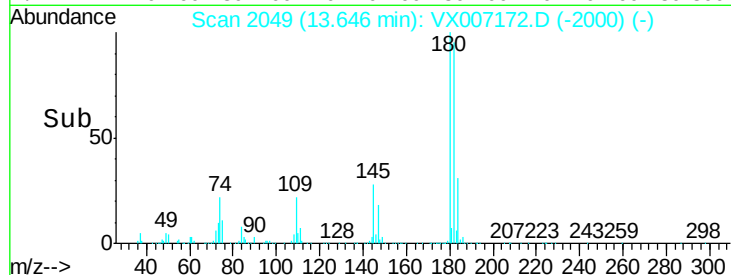
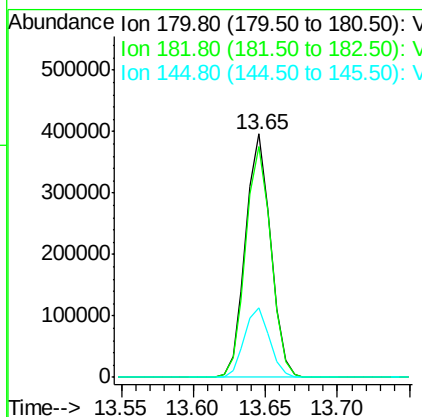
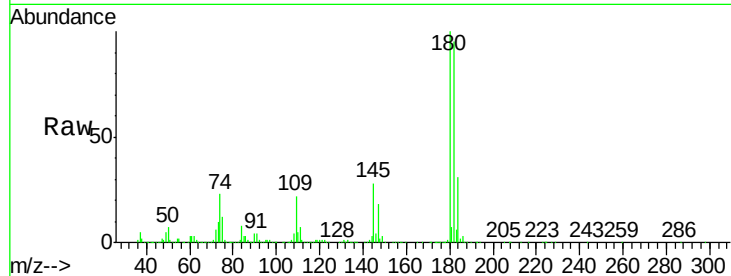
#93
 1,2,4-Trichlorobenzene
 Concen: 51.708 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	478058		
182	95.7	47.3	142.0	
145	28.6	14.8	44.3	

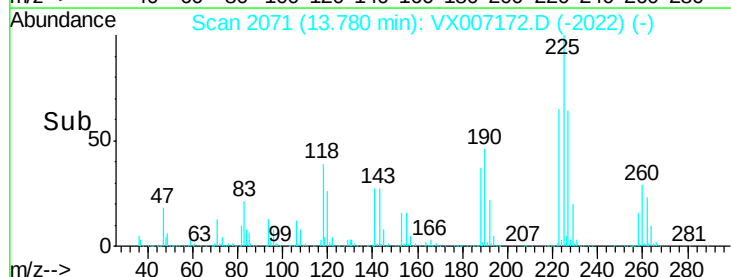
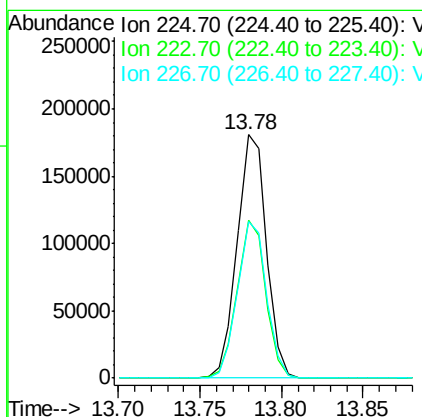
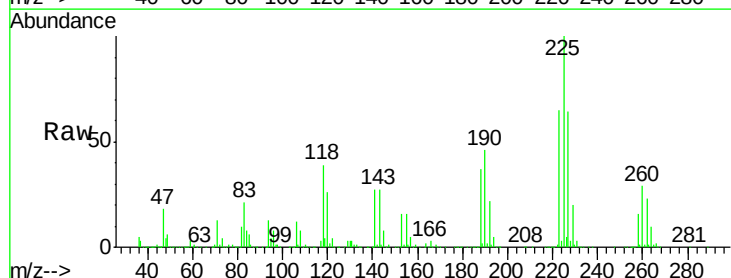
Manual Integrations
 APPROVED

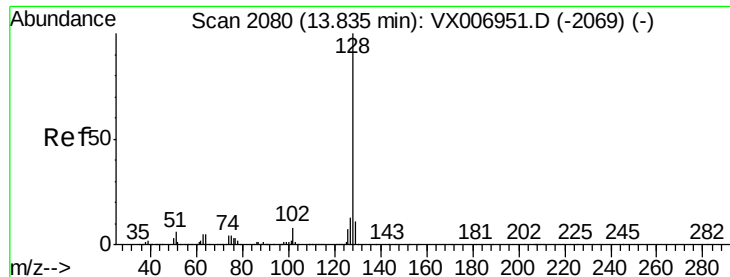
MMDadoda
 1/23/2019 11:29:21 AM



#94
 Hexachlorobutadiene
 Concen: 55.230 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007172.D
 Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	226597		
223	63.5	32.1	96.3	
227	63.8	32.3	96.8	





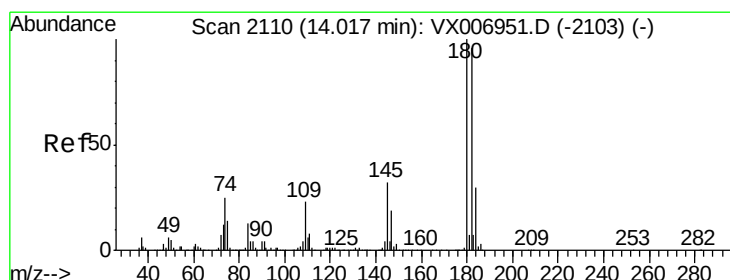
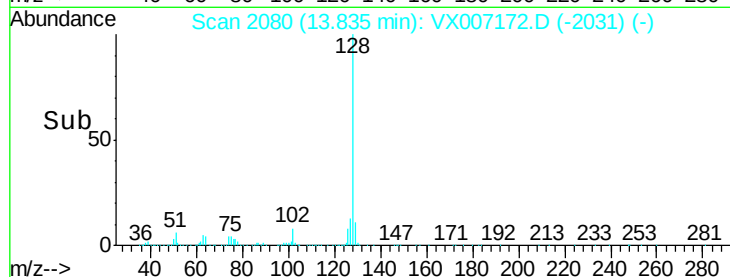
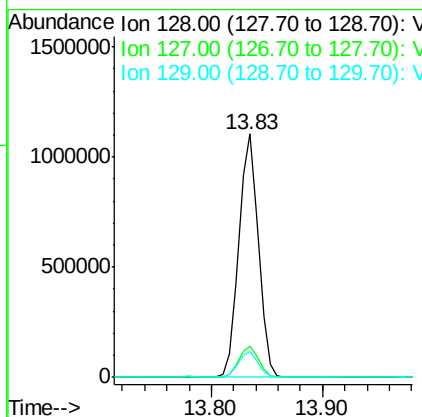
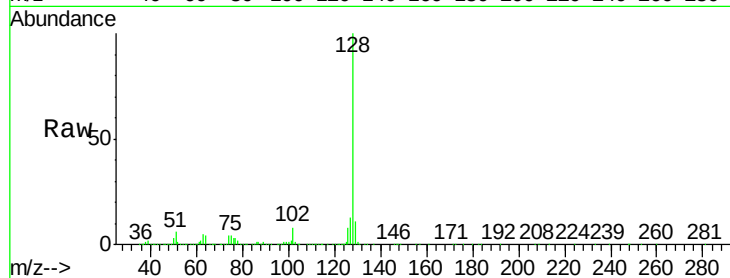
#95
Naphthalene
Concen: 47.954 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/23/2019 11:29:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.767 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007172.D
Acq: 22 Jan 2019 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.5	145.5
145	30.7	16.0	47.9

