

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007030.D
 Acq On : 14 Jan 2019 10:56
 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
 1/15/2019 11:13:37 AM

Quant Time: Jan 14 23:57:38 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	5.67	168	629732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	900097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	852440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	327851	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	300469	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.71	98	1119876	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	11.13	95	417091	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	279930	54.131	ug/l	96
3) Chloromethane	1.33	50	303794	50.463	ug/l	98
4) Vinyl Chloride	1.41	62	326404	50.403	ug/l	99
5) Bromomethane	1.64	94	321747	46.503	ug/l	96
6) Chloroethane	1.71	64	205583	45.465	ug/l	98
7) Trichlorofluoromethane	1.93	101	513966	49.120	ug/l	98
8) Diethyl Ether	2.19	74	192020	46.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304298	48.576	ug/l	99
10) Methyl Iodide	2.51	142	460853	54.538	ug/l	100
11) Tert butyl alcohol	3.07	59	360539	232.236	ug/l	99
12) 1,1-Dichloroethene	2.37	96	276811	47.827	ug/l	98
13) Acrolein	2.30	56	117934	177.049	ug/l	97
14) Allyl chloride	2.73	41	490167	49.417	ug/l	99
15) Acrylonitrile	3.15	53	844083	236.842	ug/l	100
16) Acetone	2.45	43	794809	244.290	ug/l	100
17) Carbon Disulfide	2.57	76	720108	48.326	ug/l	100
18) Methyl Acetate	2.78	43	445632	47.296	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	966461	48.110	ug/l	99
20) Methylene Chloride	2.86	84	314551	50.840	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	302031	46.828	ug/l	99
22) Diisopropyl ether	3.87	45	912595	48.939	ug/l	93
23) Vinyl Acetate	3.82	43	3819773	242.895	ug/l	99
24) 1,1-Dichloroethane	3.70	63	529118	50.744	ug/l	99
25) 2-Butanone	4.70	43	1121140	240.828	ug/l	98
26) 2,2-Dichloropropane	4.59	77	419694	52.343	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	334652	47.040	ug/l	97
28) Bromochloromethane	5.02	49	228667	50.053	ug/l	96
29) Tetrahydrofuran	5.15	42	697443	230.529	ug/l	98
30) Chloroform	5.21	83	527056	48.278	ug/l	98
31) Cyclohexane	5.58	56	454751	49.000	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	462918	50.026	ug/l	98
36) 1,1-Dichloropropene	5.80	75	392327	50.134	ug/l	99
37) Ethyl Acetate	4.85	43	413320	49.265	ug/l	98
38) Carbon Tetrachloride	5.78	117	411481	52.262	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	510620	51.182	ug/l	97
40) Benzene	6.14	78	1173880	49.161	ug/l	99
41) Methacrylonitrile	5.06	41	231992	48.000	ug/l	97
42) 1,2-Dichloroethane	6.20	62	400187	48.499	ug/l	99
43) Isopropyl Acetate	6.46	43	681481	51.496	ug/l	98
44) Trichloroethene	7.21	130	353415	49.392	ug/l	98
45) 1,2-Dichloropropane	7.51	63	301048	50.149	ug/l	98
46) Dibromomethane	7.66	93	211417	50.111	ug/l	97
47) Bromodichloromethane	7.90	83	387068	53.899	ug/l	97
48) Methyl methacrylate	7.77	41	346843	51.036	ug/l	98
49) 1,4-Dioxane	7.75	88	156007	1005.245	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2211784	260.064	ug/l	100
52) Toluene	8.79	92	777326	50.649	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	451358	56.681	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	484626	55.108	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	324378	52.805	ug/l	98
56) Ethyl methacrylate	9.18	69	485672	54.156	ug/l	95
57) 1,3-Dichloropropane	9.37	76	513502	51.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1168333	253.383	ug/l	99
59) 2-Hexanone	9.49	43	1706374	263.284	ug/l	99
60) Dibromochloromethane	9.58	129	350855	58.819	ug/l	100
61) 1,2-Dibromoethane	9.67	107	351897	52.034	ug/l	99
64) Tetrachloroethene	9.34	164	359941	48.771	ug/l	95
65) Chlorobenzene	10.14	112	924187	49.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	334766	53.525	ug/l	99
67) Ethyl Benzene	10.25	91	1545915	50.366	ug/l	99
68) m/p-Xylenes	10.36	106	1236954	102.289	ug/l	99
69) o-Xylene	10.70	106	606276	51.408	ug/l	98
70) Styrene	10.71	104	977483	52.332	ug/l	99
71) Bromoform	10.86	173	270233	48.455	ug/l	100
73) Isopropylbenzene	11.02	105	1605647	49.570	ug/l	99
74) N-amyl acetate	10.90	43	633161	48.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	480465	46.723	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	448427m	48.172	ug/l	
77) Bromobenzene	11.26	156	433521	48.573	ug/l	99
78) n-propylbenzene	11.36	91	1836048	51.634	ug/l	99
79) 2-Chlorotoluene	11.42	91	1049473	49.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1339443	49.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	149906	48.704	ug/l	95
82) 4-Chlorotoluene	11.51	91	1243311	50.166	ug/l	99
83) tert-Butylbenzene	11.77	119	1368182	50.666	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1370597	50.358	ug/l	100
85) sec-Butylbenzene	11.94	105	1639130	50.825	ug/l	100
86) p-Isopropyltoluene	12.06	119	1475201	51.139	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	790353	48.993	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	784810	51.342	ug/l	100
89) n-Butylbenzene	12.39	91	1299641	52.850	ug/l	99
90) Hexachloroethane	12.60	117	240178	52.028	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	774225	48.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	105020	51.638	ug/l	97

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VSTDCCC050

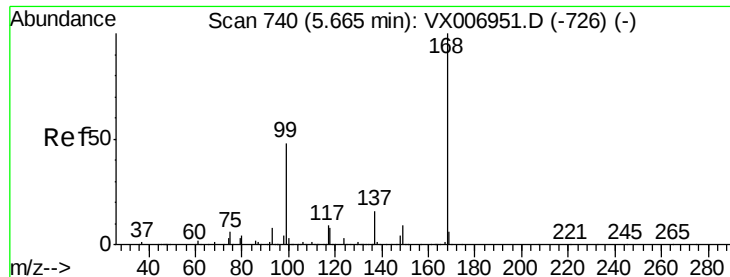
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	568362	52.037	ug/l	99
94) Hexachlorobutadiene	13.78	225	260118	53.667	ug/l	99
95) Naphthalene	13.83	128	1623141	49.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	549833	50.676	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 629732

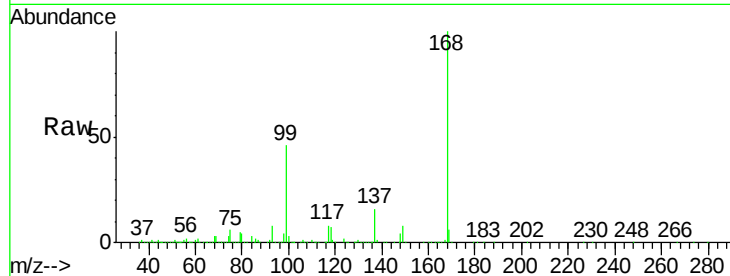
Ion Ratio Lower Upper

168 100

99 46.3 41.8 62.8

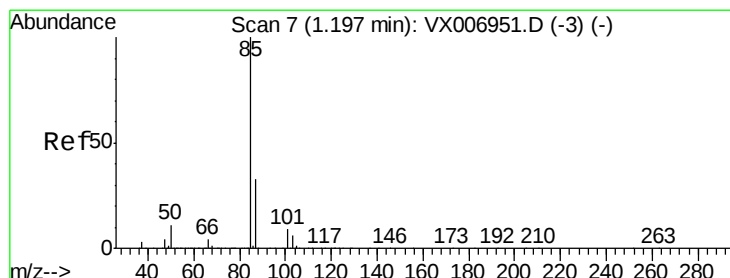
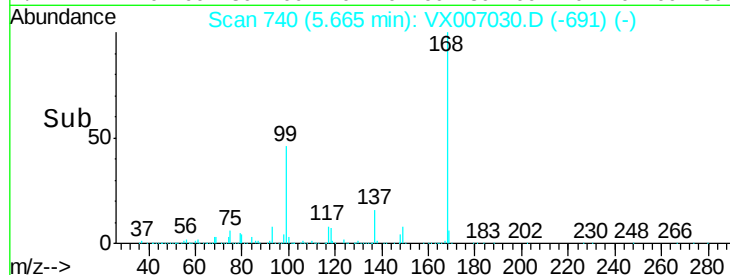
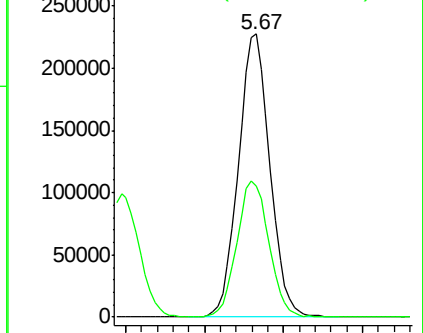
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.131 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007030.D

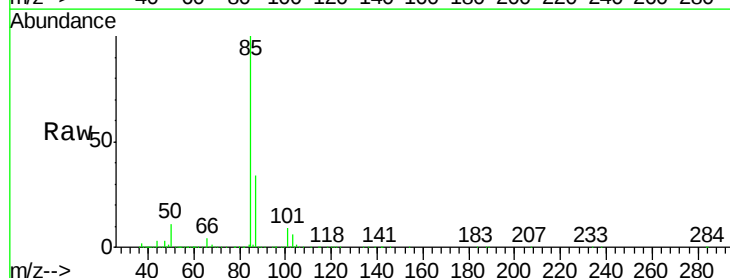
Acq: 14 Jan 2019 10:56

Tgt Ion: 85 Resp: 279930

Ion Ratio Lower Upper

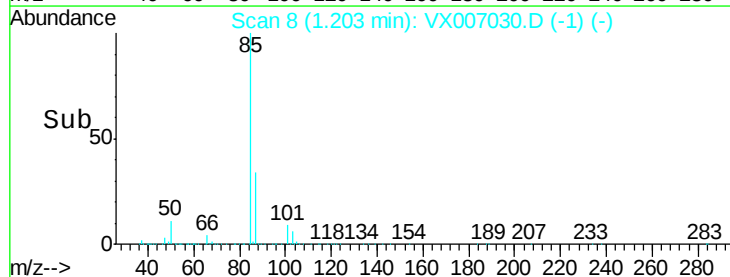
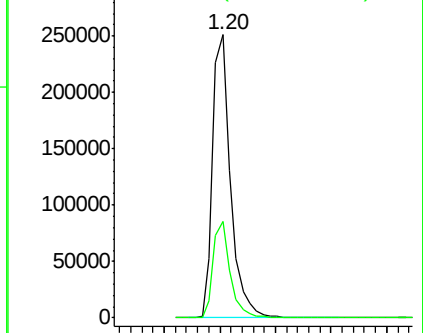
85 100

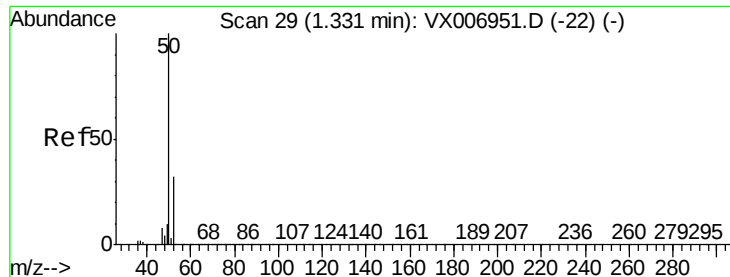
87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.463 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 303794

Ion Ratio Lower Upper

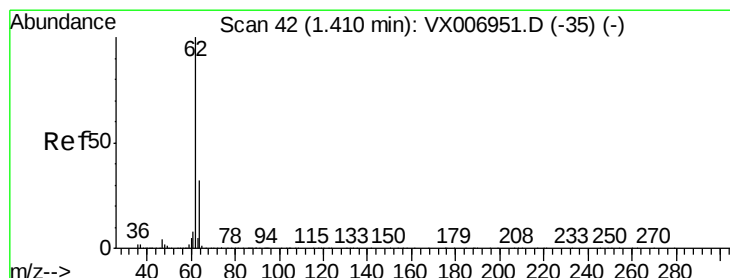
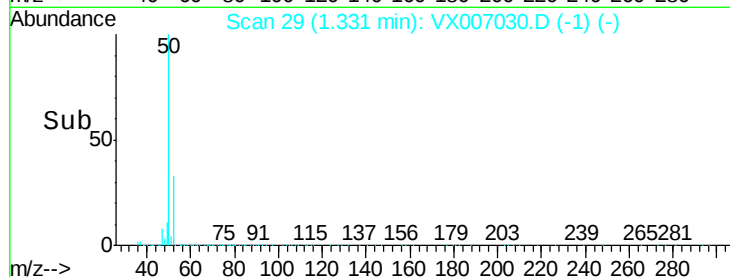
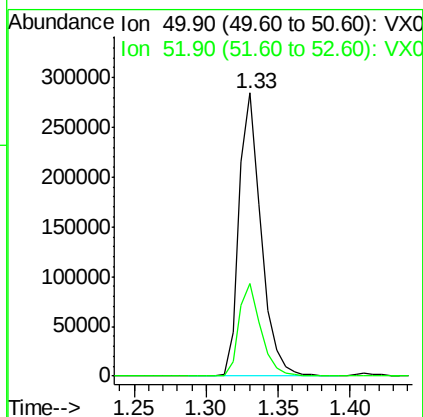
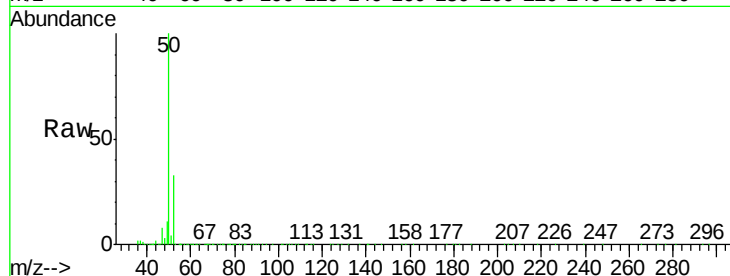
50 100

52 32.9 25.4 38.2

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#4

Vinyl Chloride

Concen: 50.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007030.D

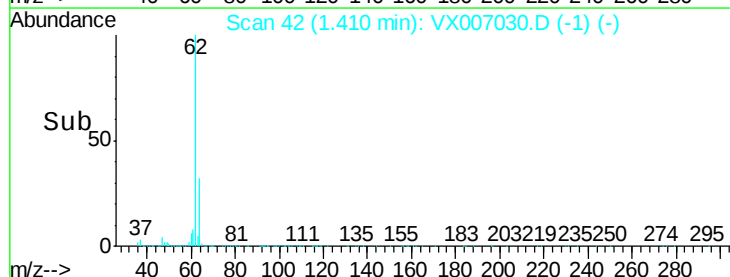
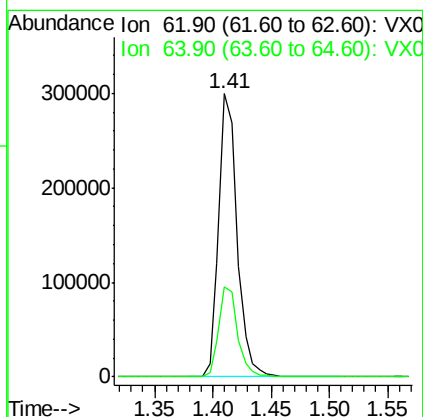
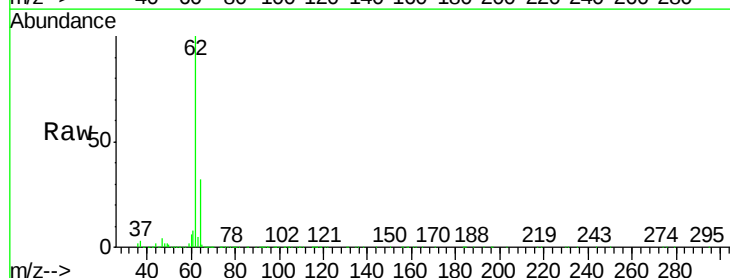
Acq: 14 Jan 2019 10:56

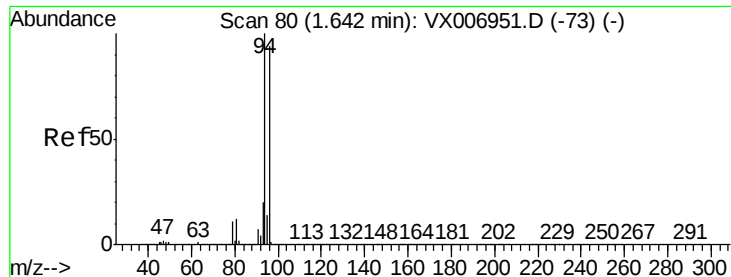
Tgt Ion: 62 Resp: 326404

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 46.503 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 321747

Ion Ratio Lower Upper

94 100

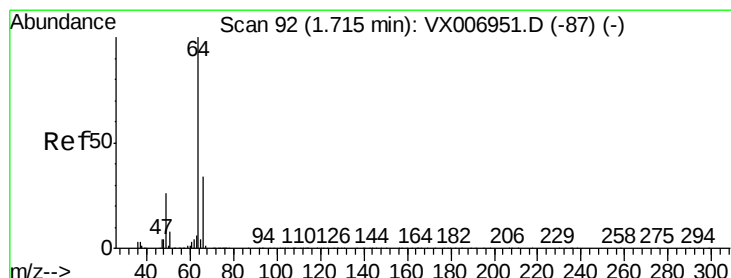
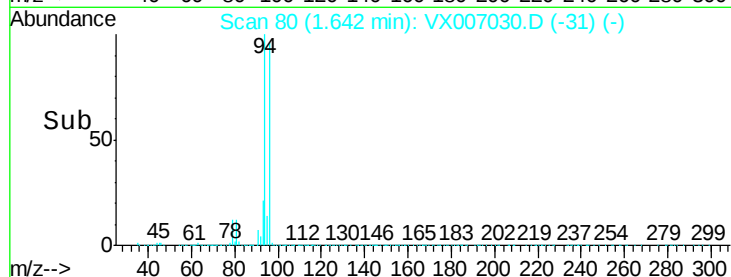
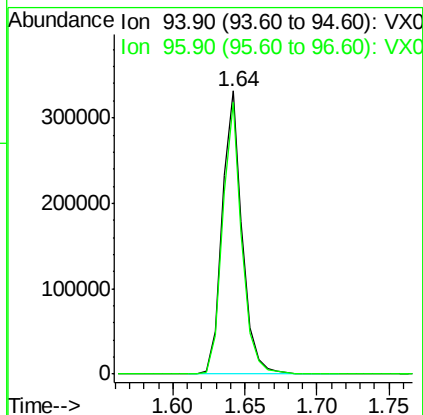
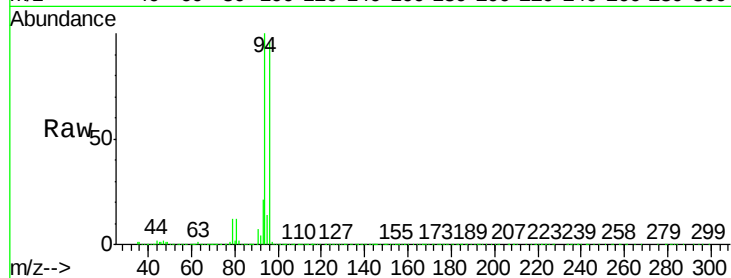
96 95.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 45.465 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007030.D

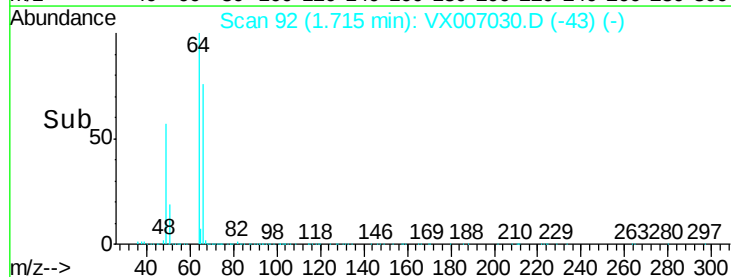
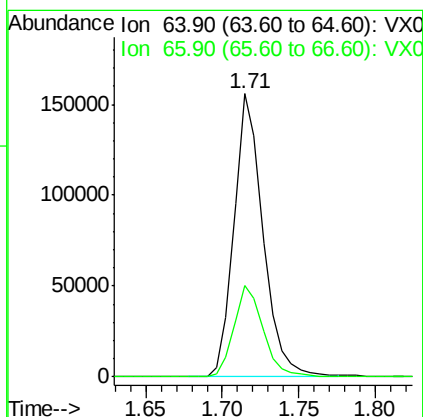
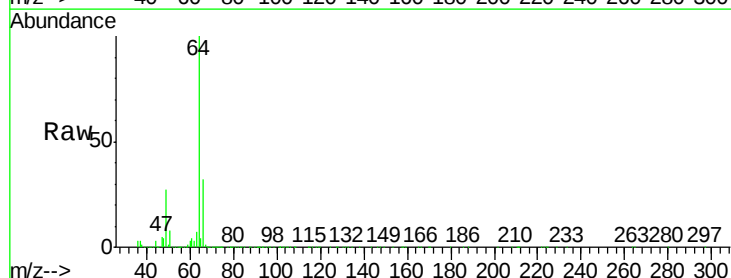
Acq: 14 Jan 2019 10:56

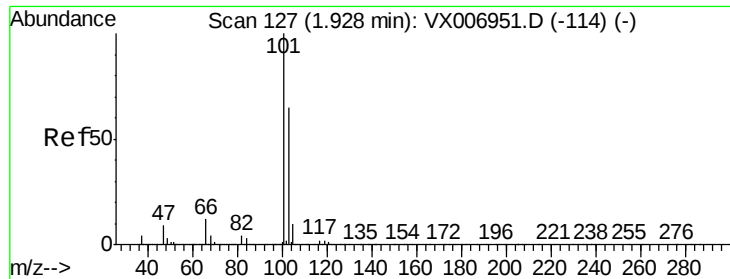
Tgt Ion: 64 Resp: 205583

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6





#7

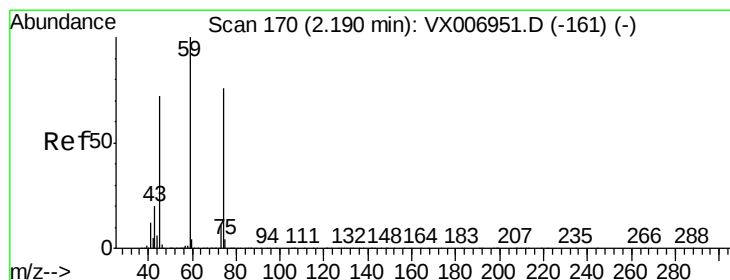
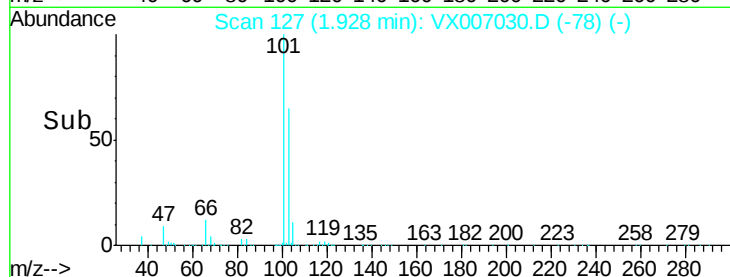
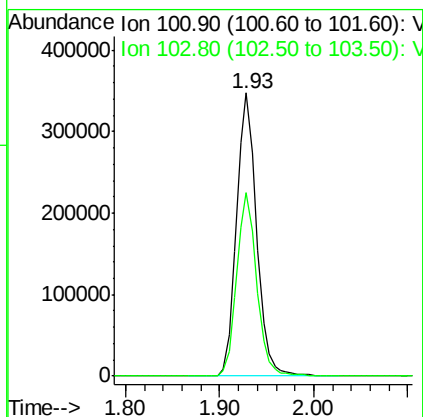
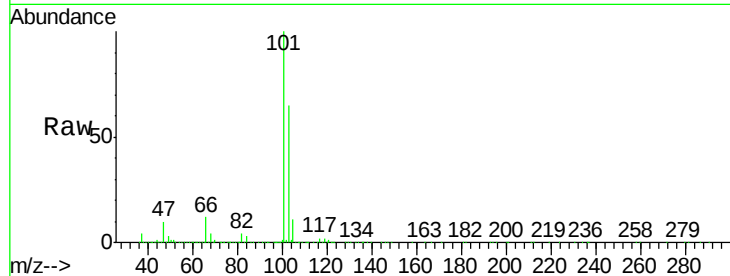
Trichlorofluoromethane
Concen: 49.120 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.2	79.8

Manual Integrations
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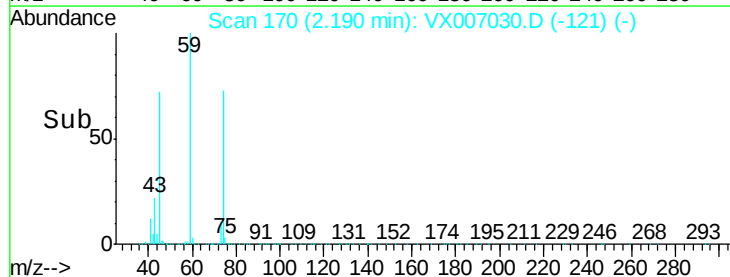
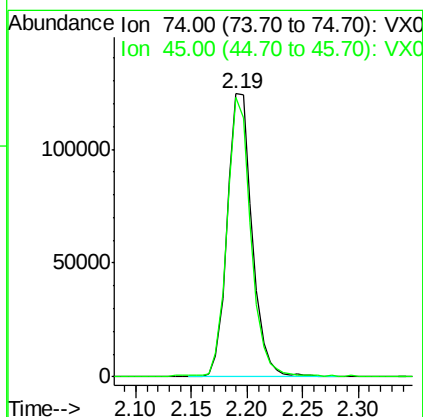
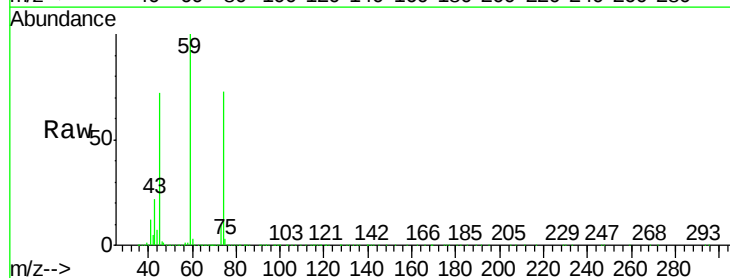
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1/15/2019 11:13:37 AM

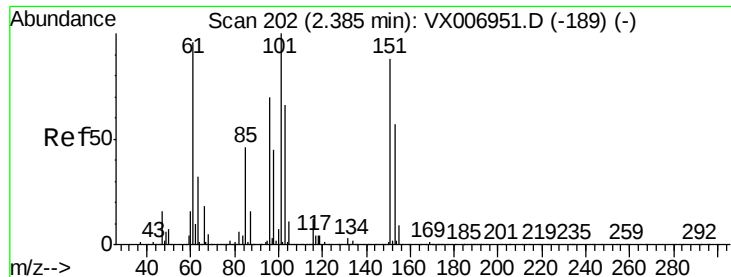


#8

Diethyl Ether
Concen: 46.128 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.576 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

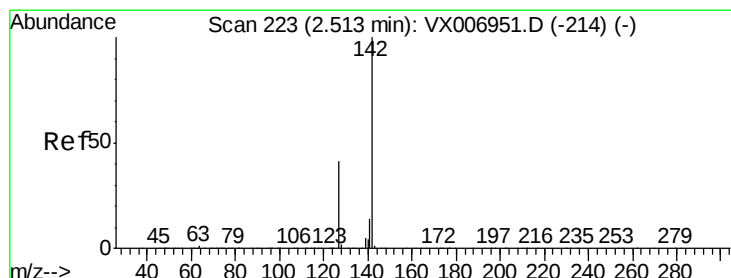
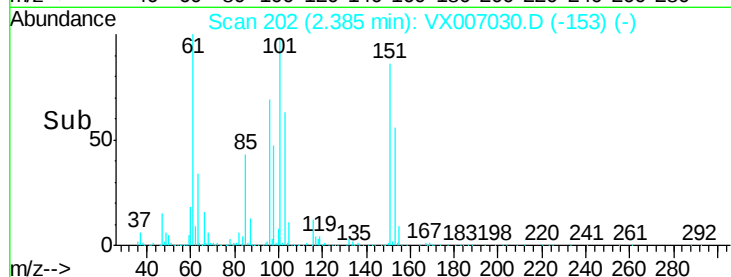
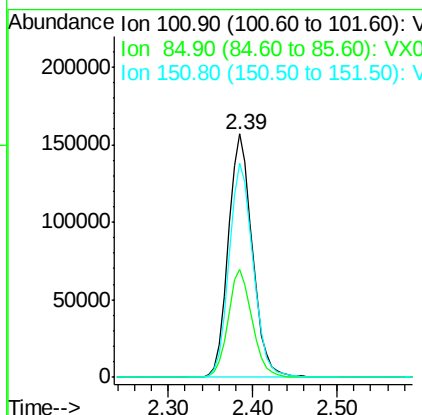
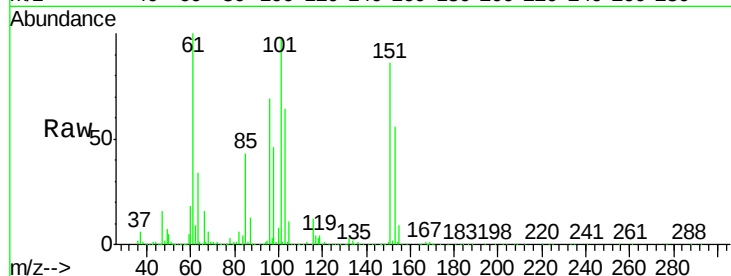
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	304298
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.1	52.7
151	88.1	68.9	103.3

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#10

Methyl Iodide

Concen: 54.538 ug/l

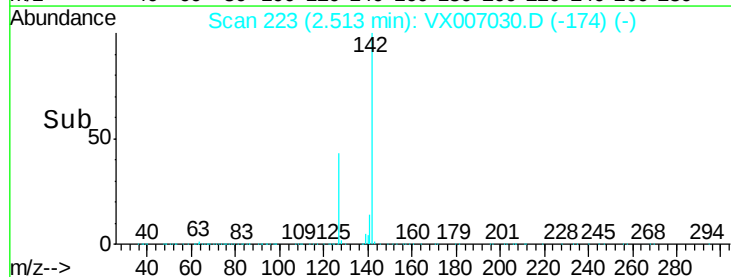
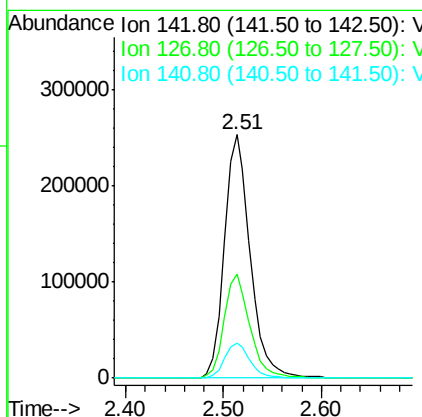
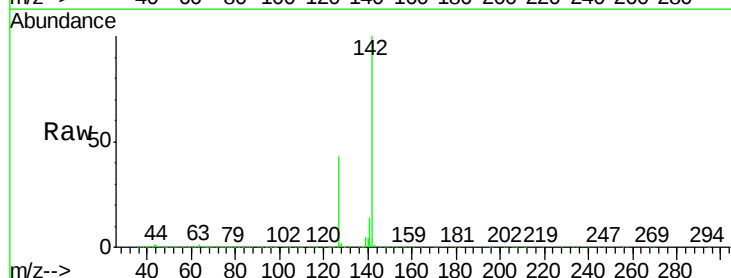
RT: 2.51 min Scan# 223

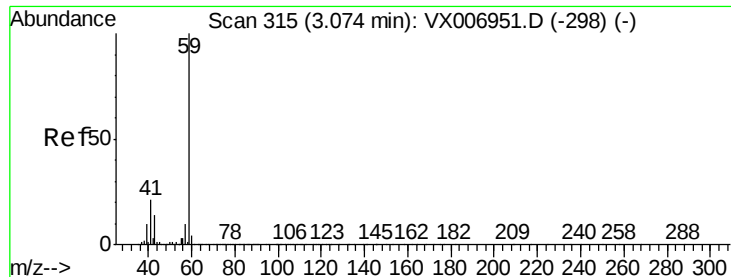
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	142	Resp:	460853
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.3	11.4	17.0





#11

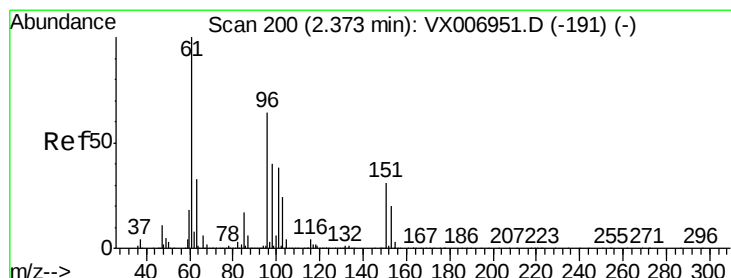
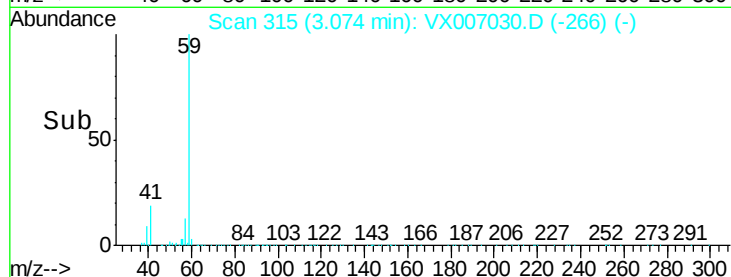
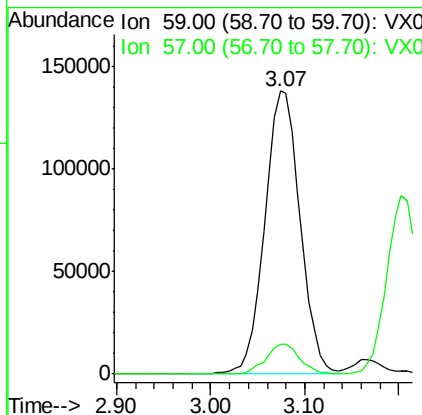
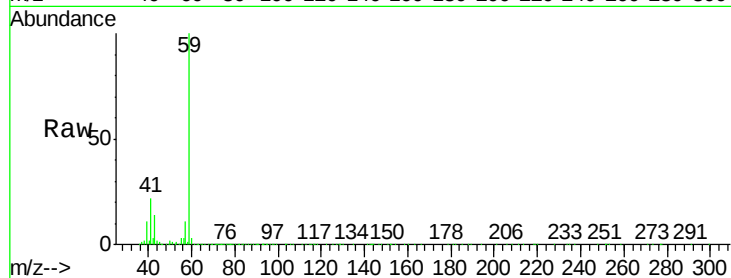
Tert butyl alcohol
Concen: 232.236 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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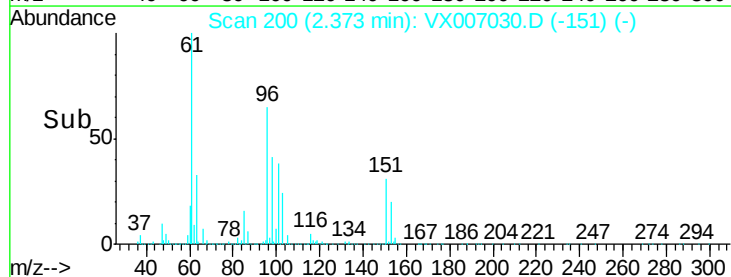
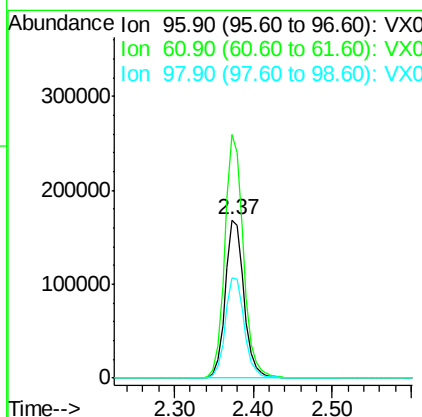
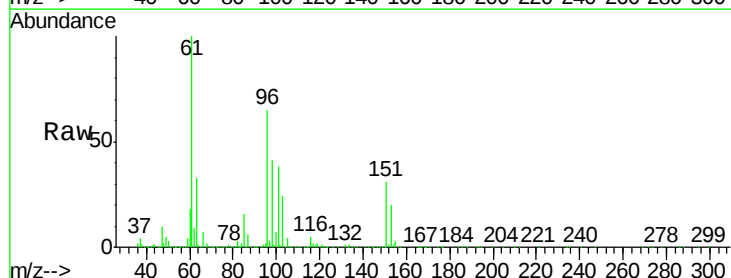
MMDadoda
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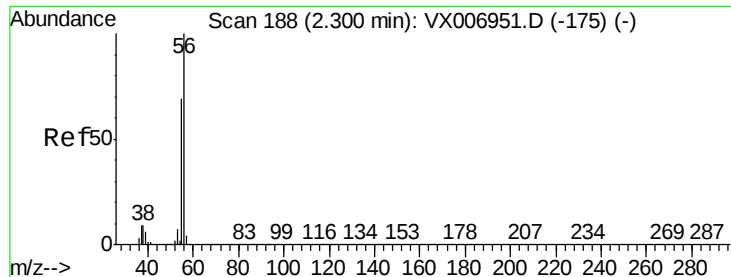


#12

1,1-Dichloroethene
Concen: 47.827 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	121.4	182.2
98	63.0	51.9	77.9





#13

Acrolein

Concen: 177.049 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 117934

Ion Ratio Lower Upper

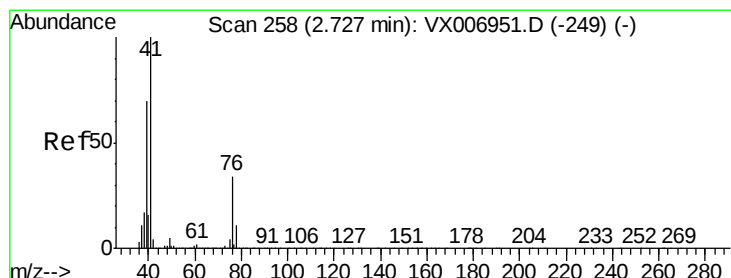
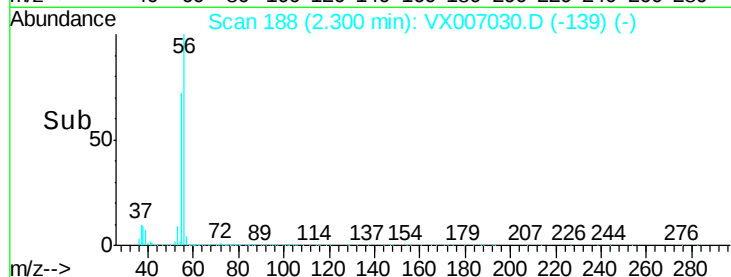
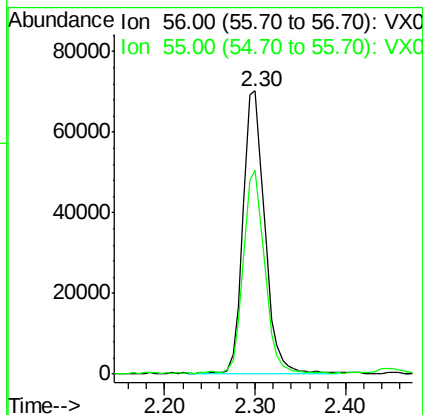
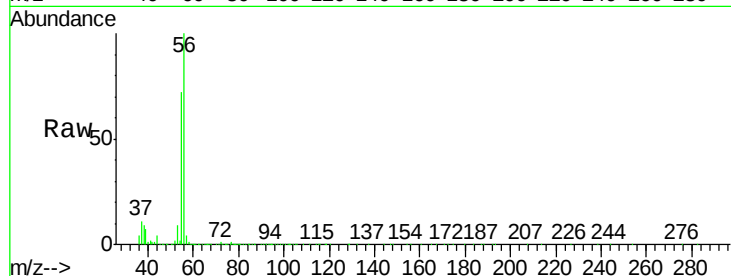
56 100

55 70.5 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 49.417 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

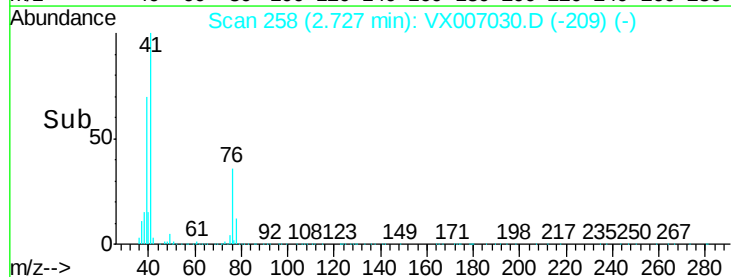
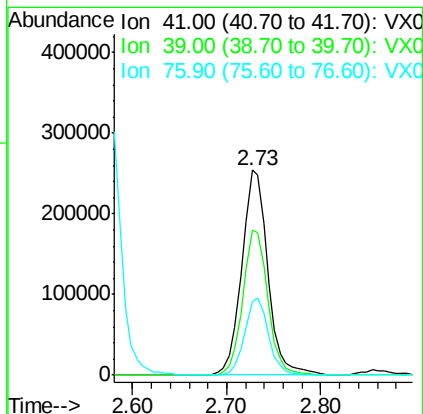
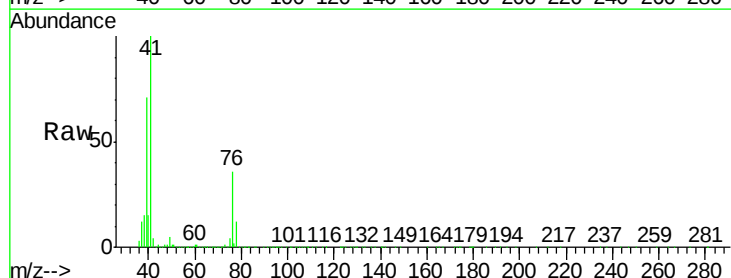
Tgt Ion: 41 Resp: 490167

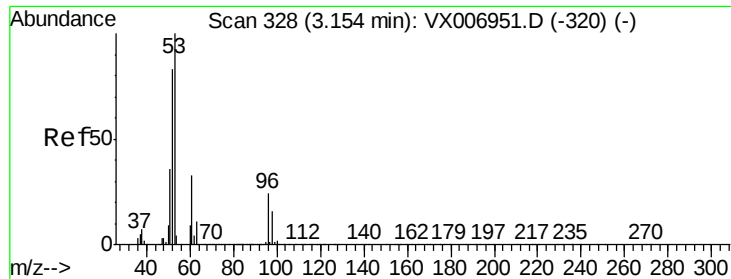
Ion Ratio Lower Upper

41 100

39 67.9 53.6 80.4

76 34.5 27.4 41.2





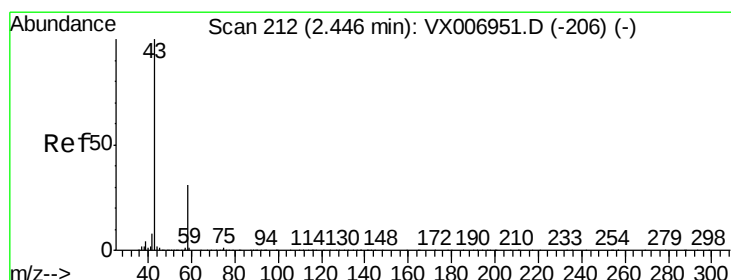
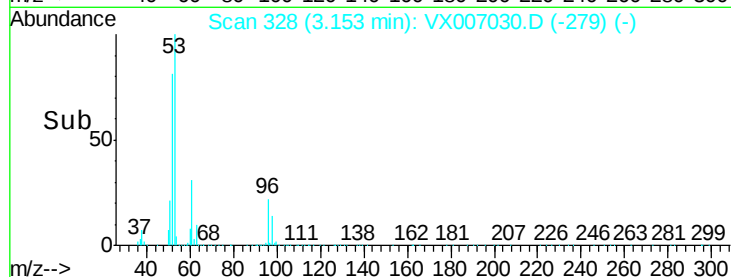
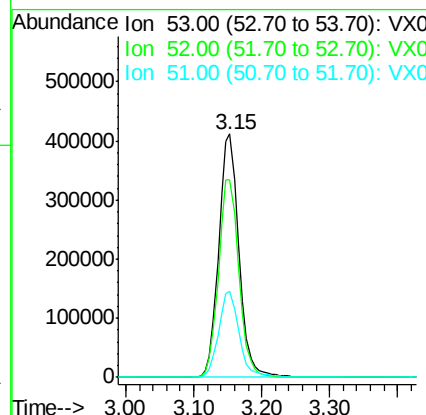
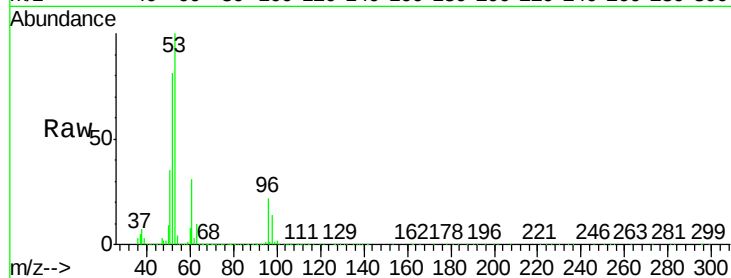
#15
Acrylonitrile
Concen: 236.842 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.0	99.0
51	35.7	28.6	42.8

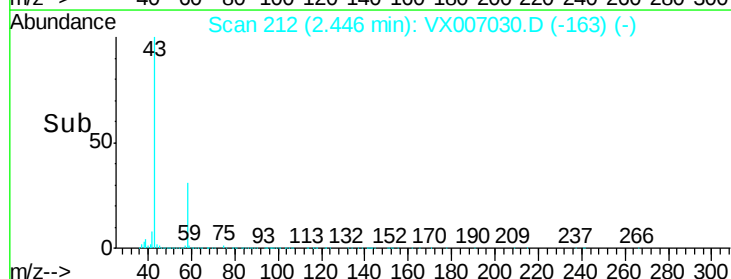
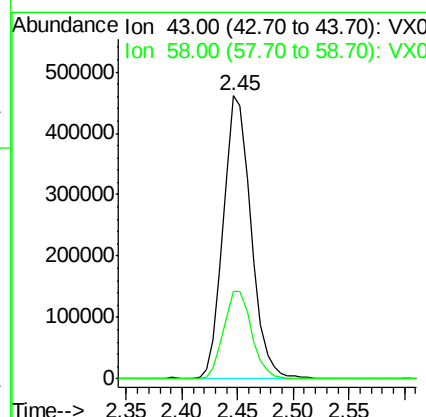
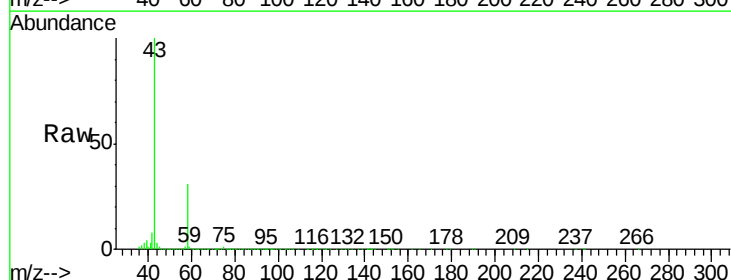
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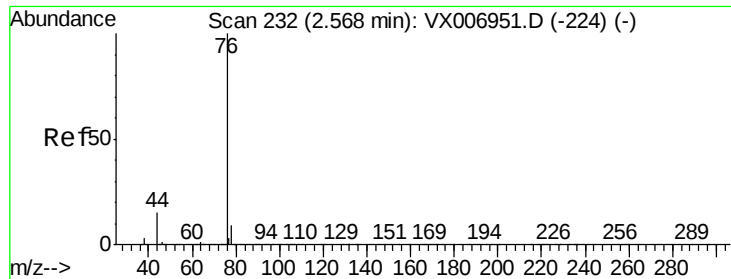
MMDadoda
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#16
Acetone
Concen: 244.290 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.0	37.6





#17

Carbon Disulfide

Concen: 48.326 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 720108

Ion Ratio Lower Upper

76 100

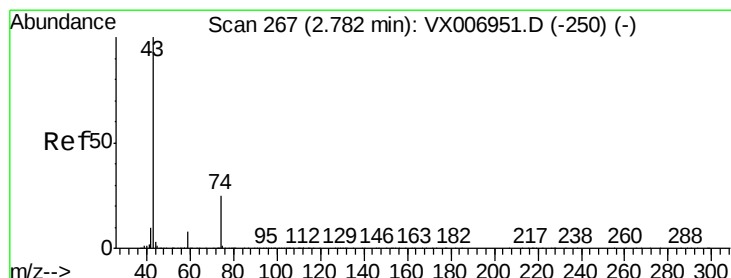
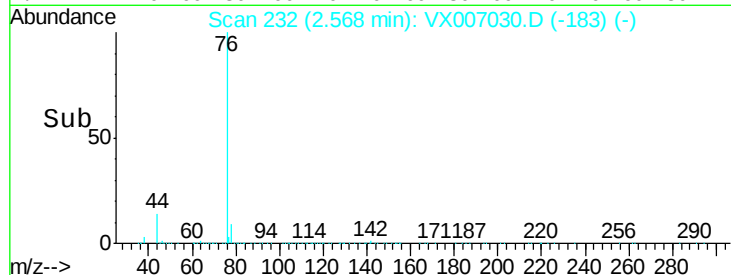
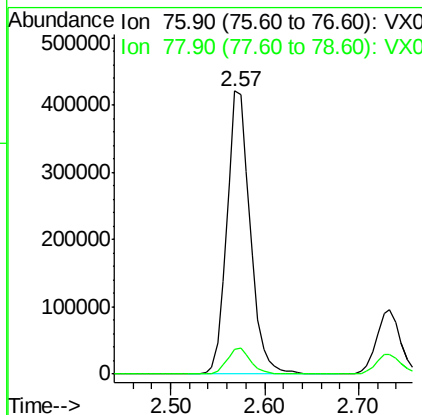
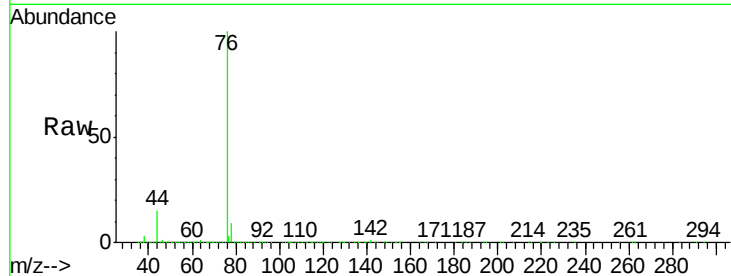
78 8.9 7.0 10.6

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#18

Methyl Acetate

Concen: 47.296 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007030.D

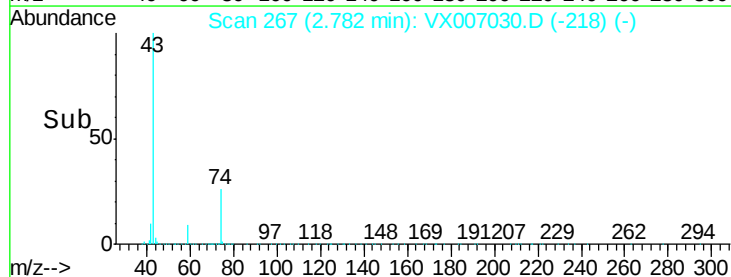
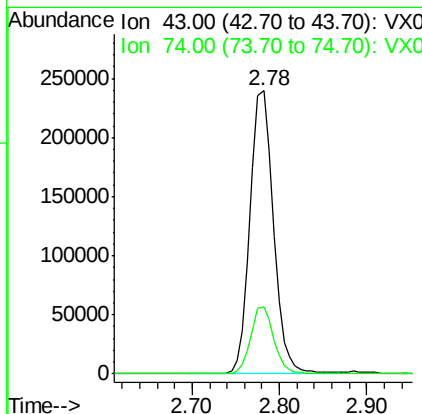
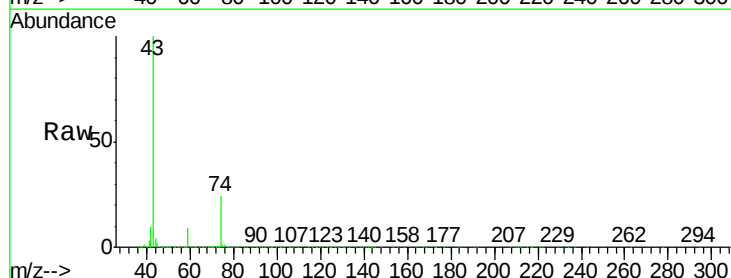
Acq: 14 Jan 2019 10:56

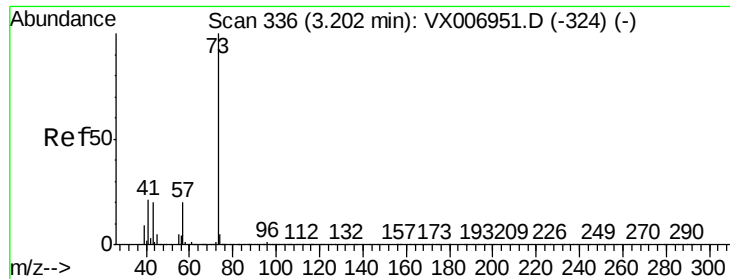
Tgt Ion: 43 Resp: 445632

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0





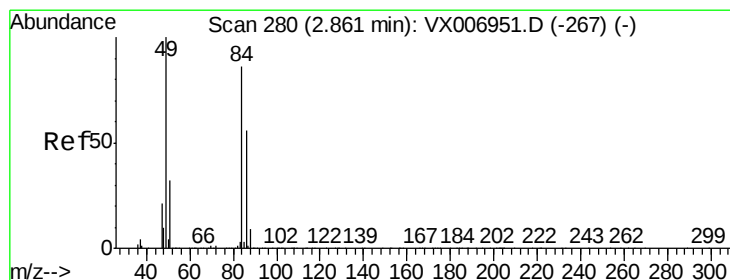
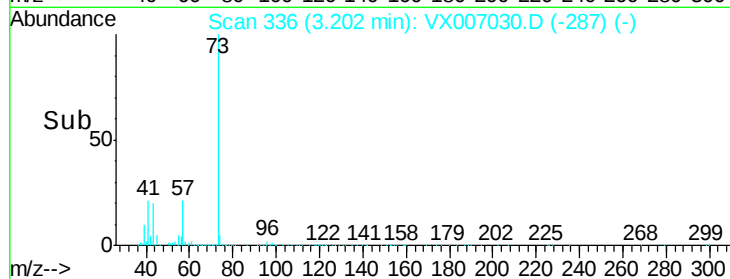
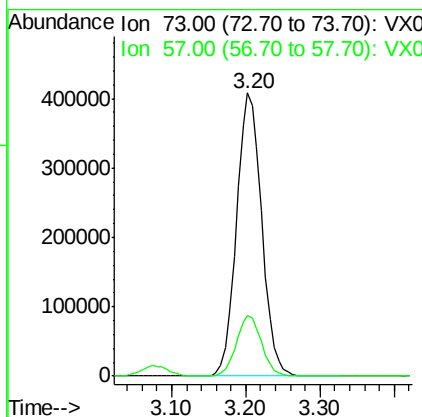
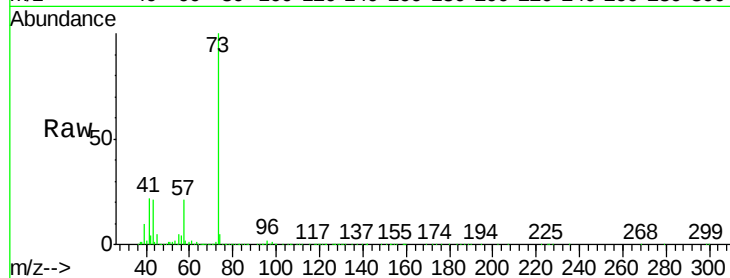
#19
Methvl tert-butvl Ether
Concen: 48.110 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

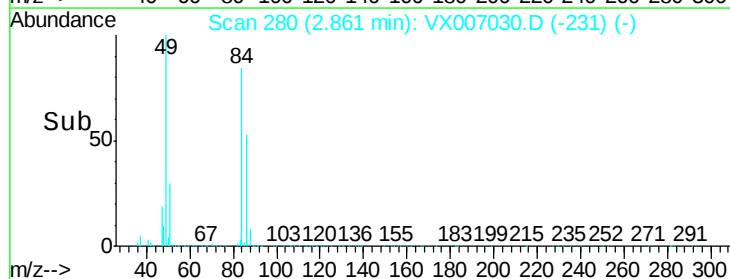
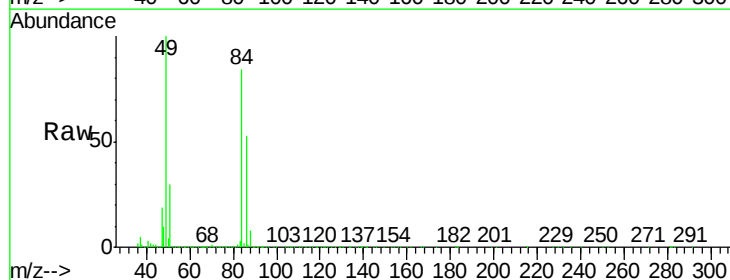
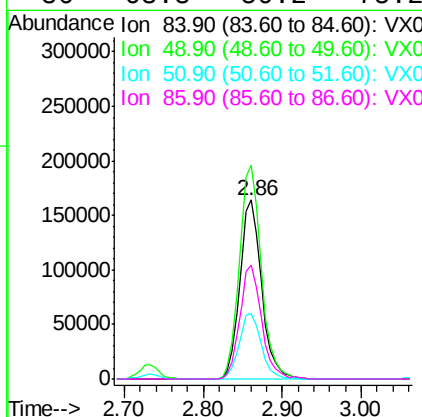
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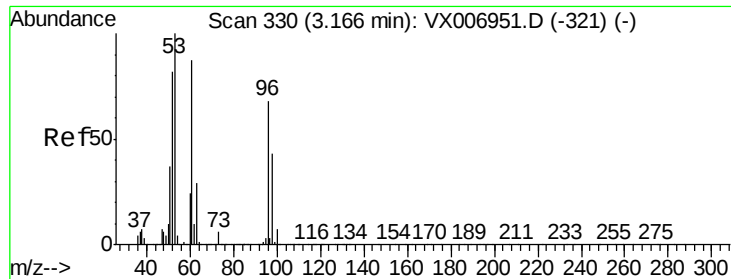
MMDadoda
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#20
Methylene Chloride
Concen: 50.840 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	91.8	137.6
51	36.2	28.5	42.7
86	63.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.828 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

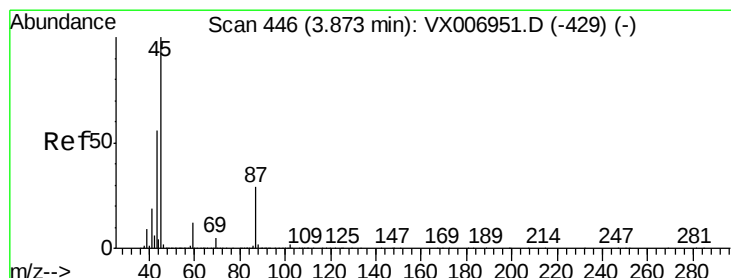
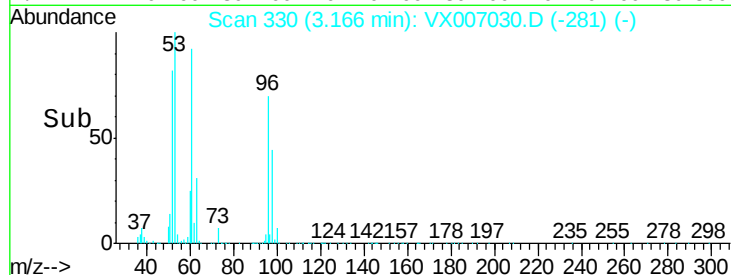
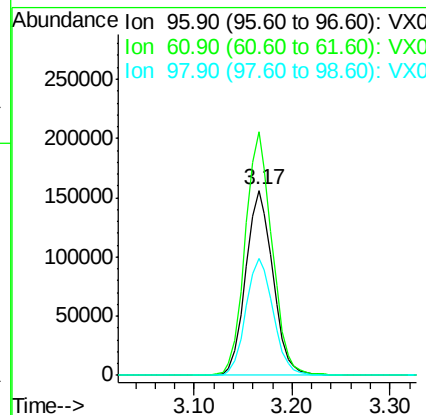
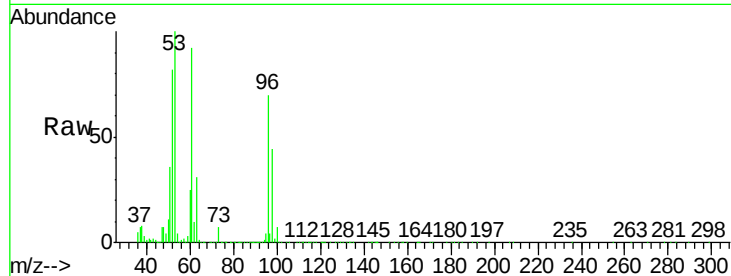
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	302031
Ion Ratio	Lower	Upper	
96	100		
61	131.4	103.7	155.5
98	63.2	51.0	76.6

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#22

Diisopropyl ether

Concen: 48.939 ug/l

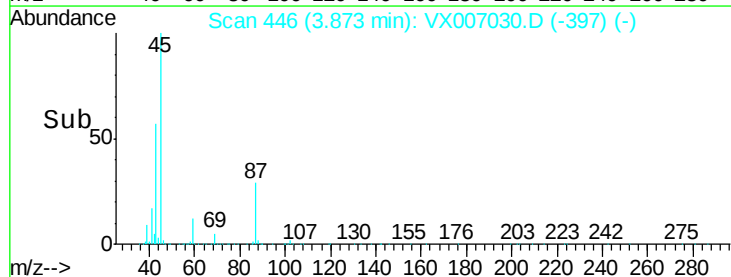
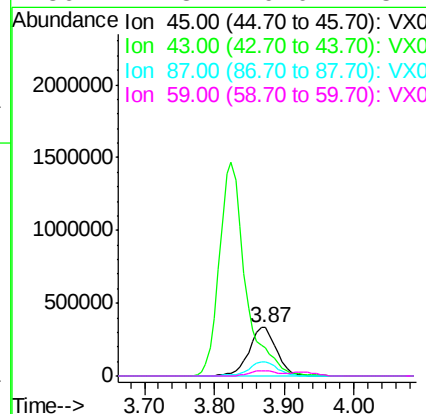
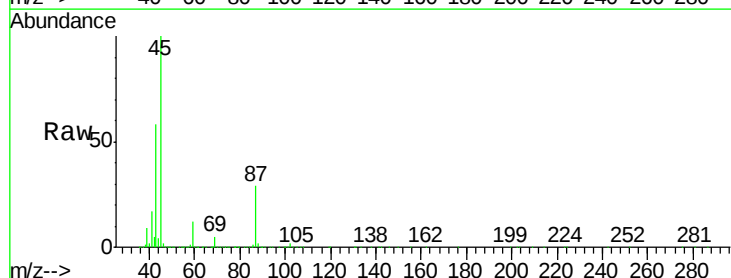
RT: 3.87 min Scan# 446

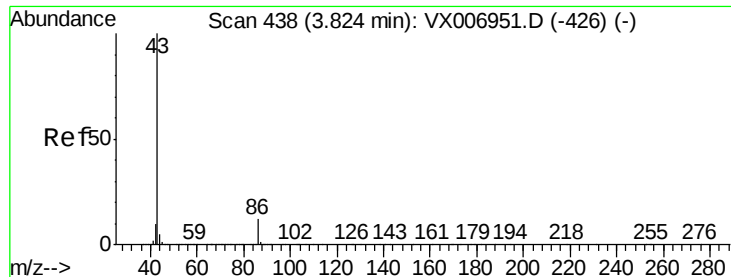
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	45	Resp:	912595
Ion Ratio	Lower	Upper	
45	100		
43	57.1	51.2	76.8
87	29.2	25.8	38.6
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 242.895 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3819773

Ion Ratio Lower Upper

43 100

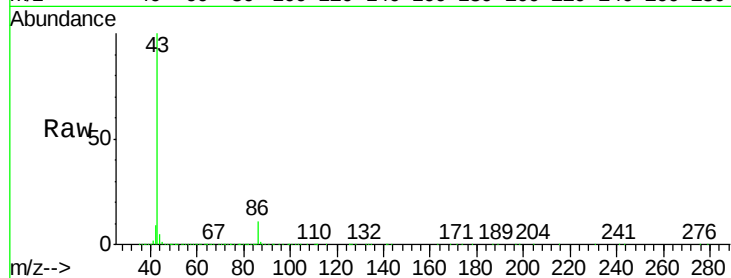
86 11.3 9.2 13.8

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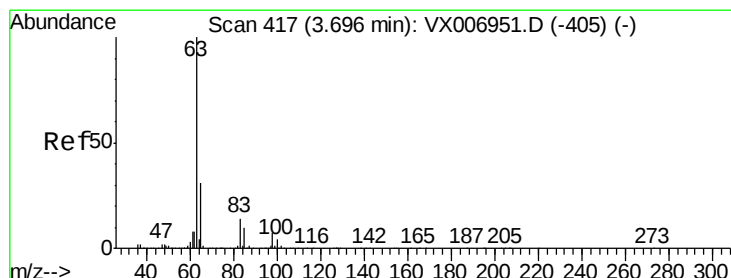
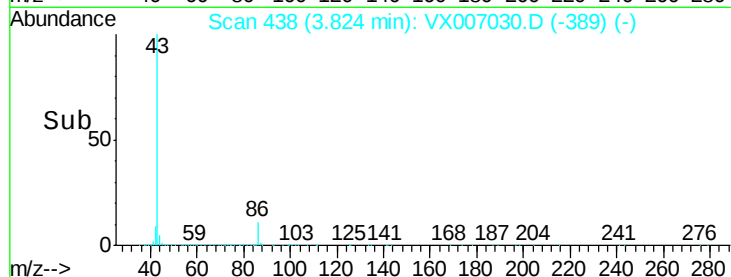
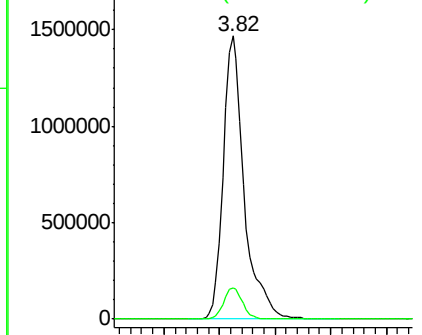
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.744 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

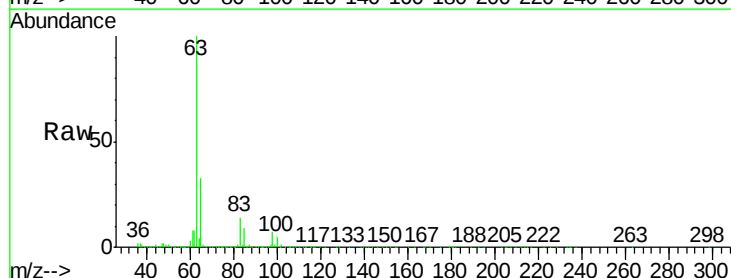
Tgt Ion: 63 Resp: 529118

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

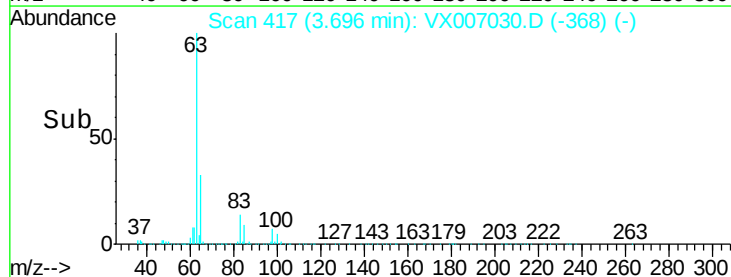
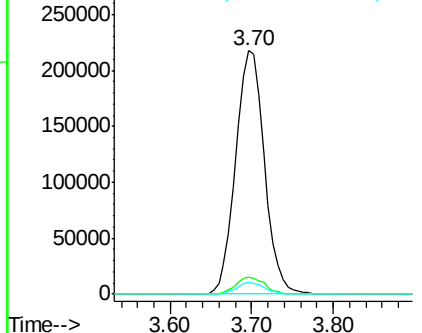
100 4.7 2.4 7.2

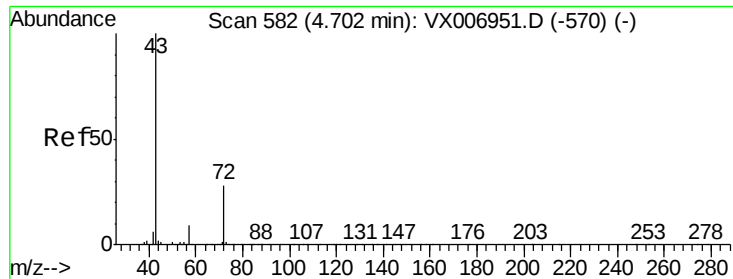


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.828 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1121140

Ion Ratio Lower Upper

43 100

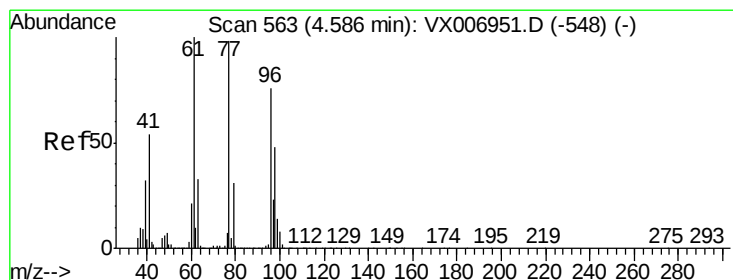
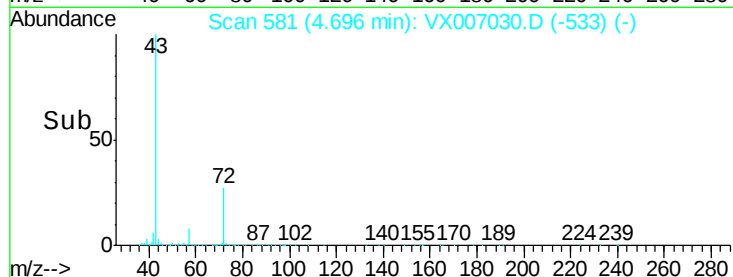
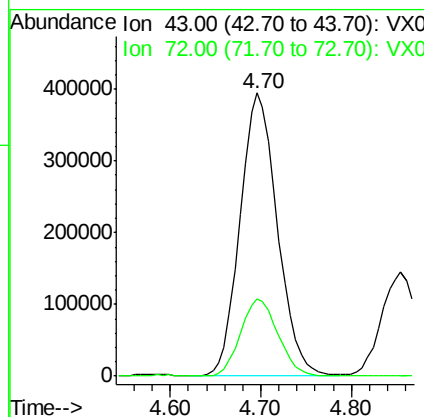
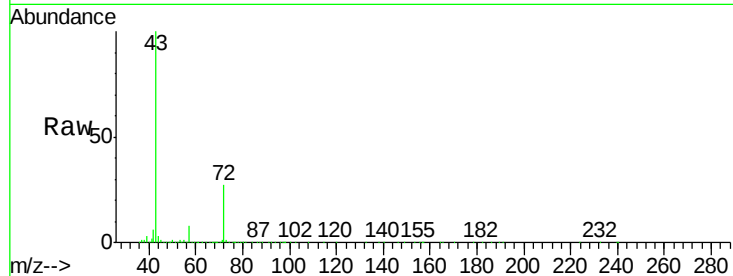
72 27.1 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.343 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007030.D

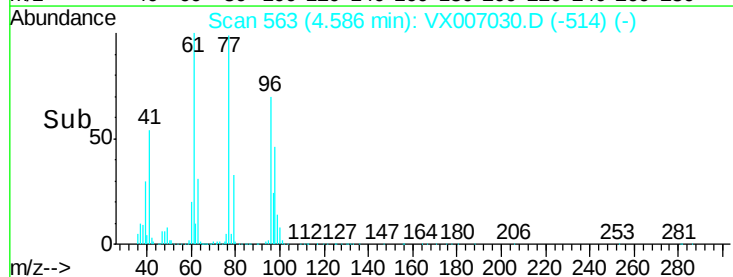
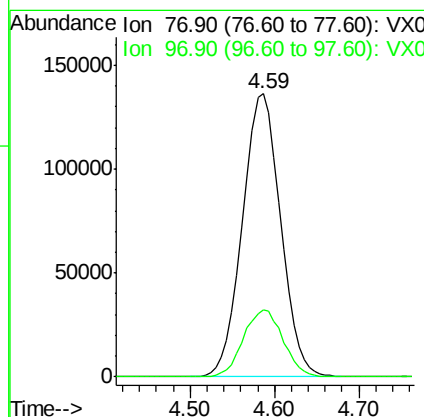
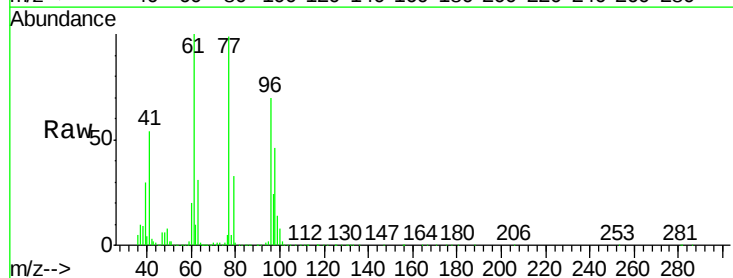
Acq: 14 Jan 2019 10:56

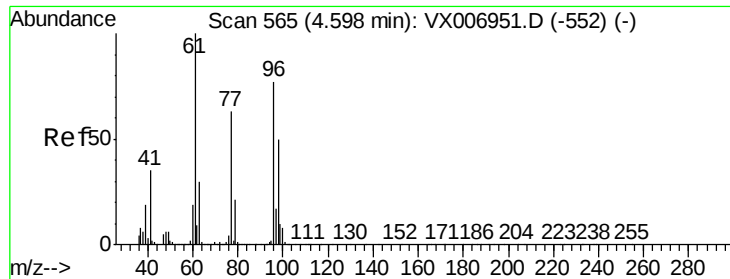
Tgt Ion: 77 Resp: 419694

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4





#27

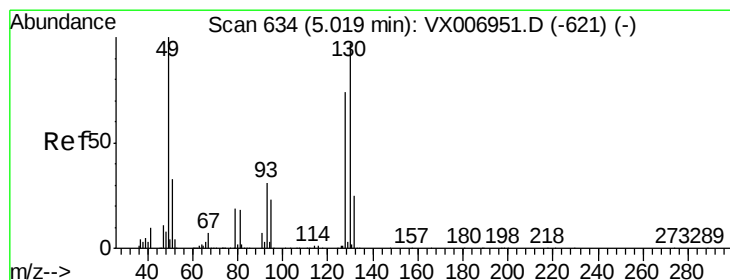
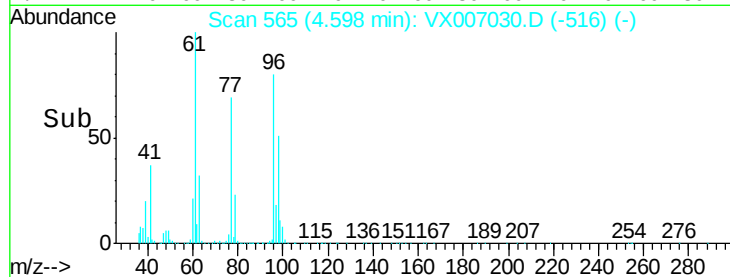
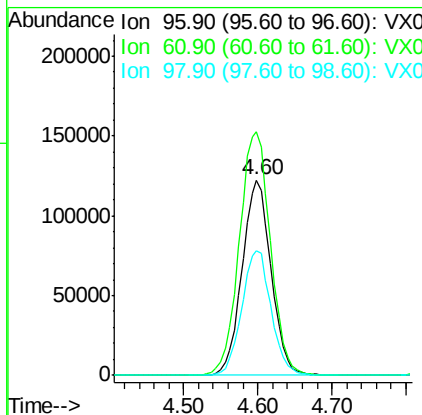
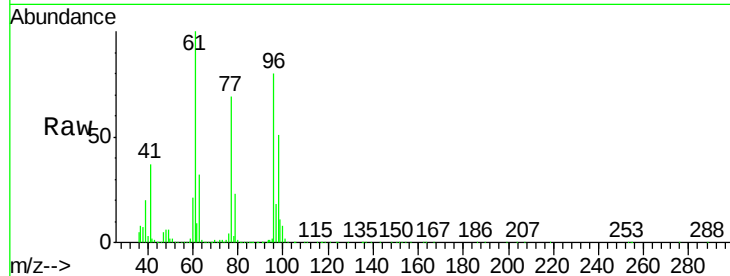
cis-1,2-Dichloroethene
Concen: 47.040 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	258.6
98	64.5	0.0	132.0

Manual Integrations
APPROVED

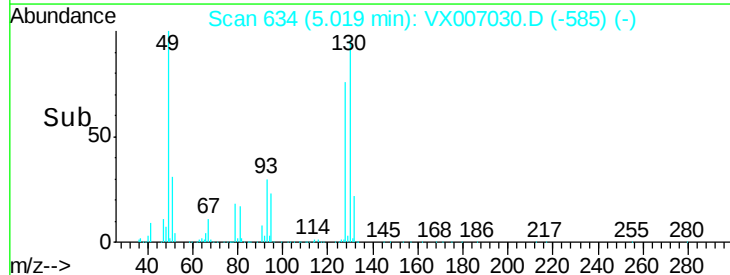
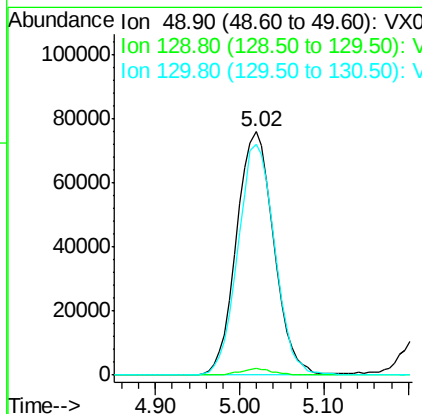
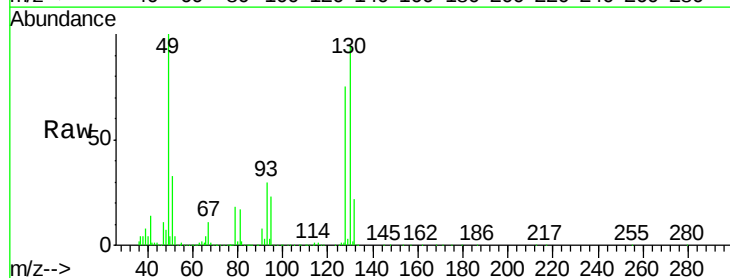
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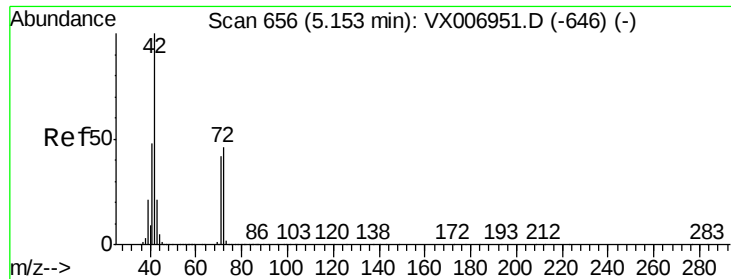


#28

Bromochloromethane
Concen: 50.053 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.2	77.7	116.5





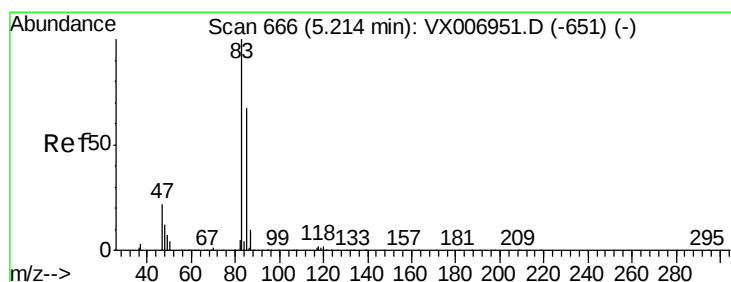
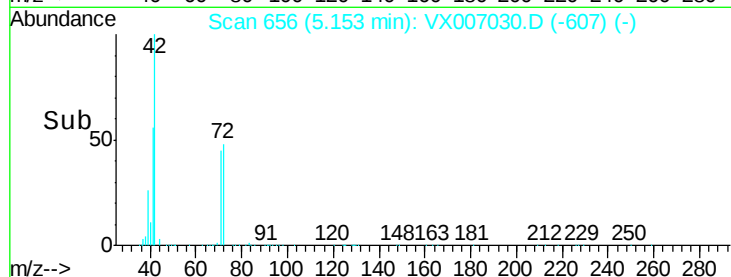
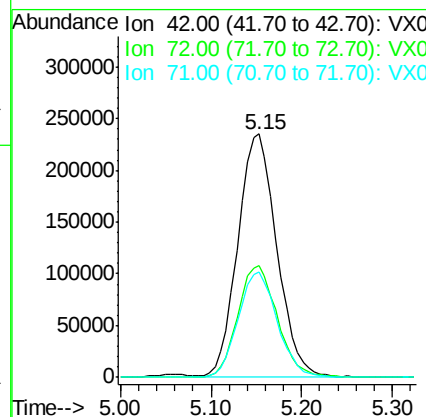
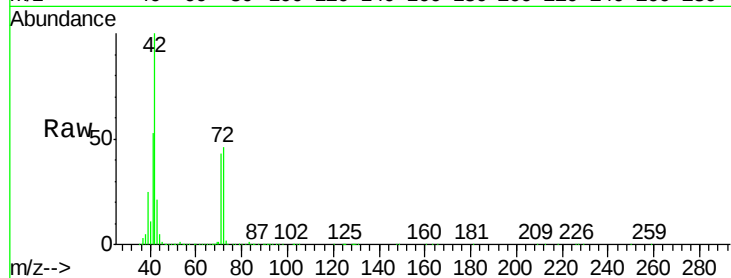
#29
Tetrahydrofuran
Concen: 230.529 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.9	58.3
71	43.8	36.2	54.4

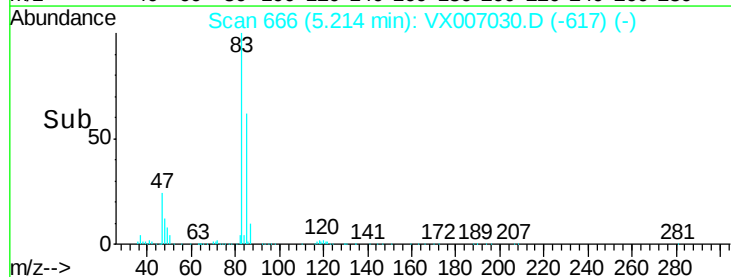
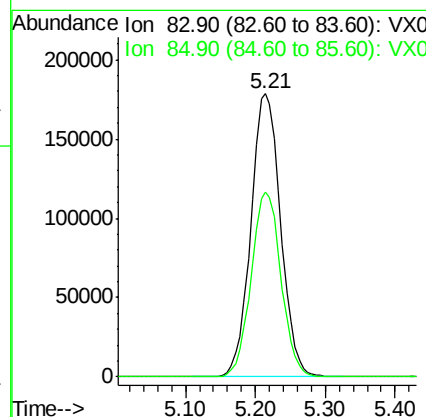
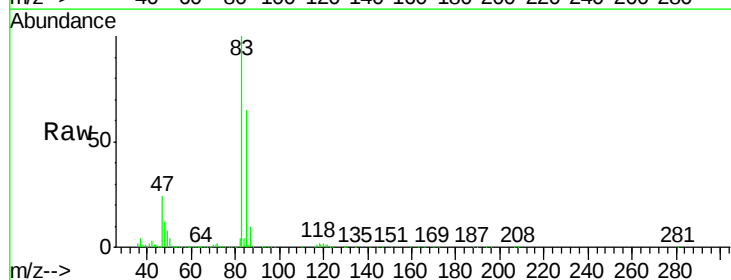
Manual Integrations
APPROVED

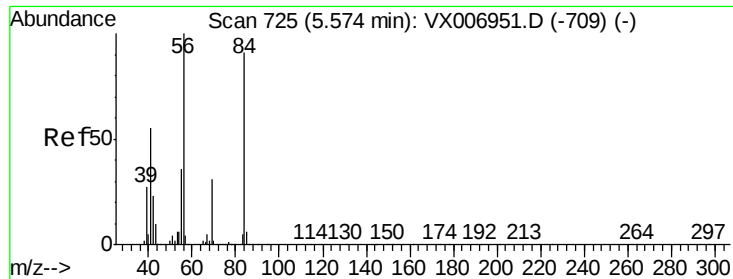
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#30
Chloroform
Concen: 48.278 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





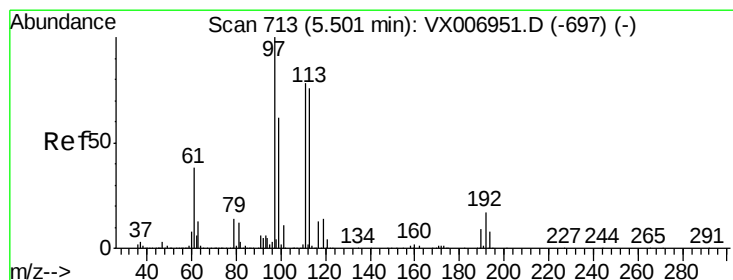
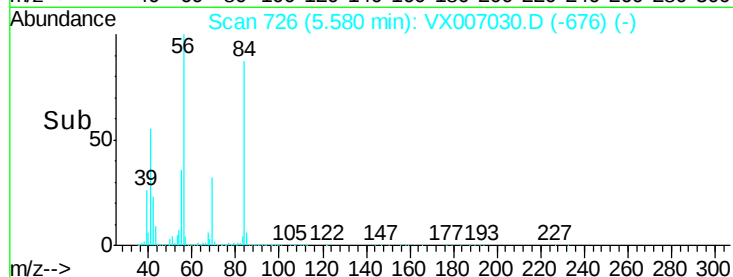
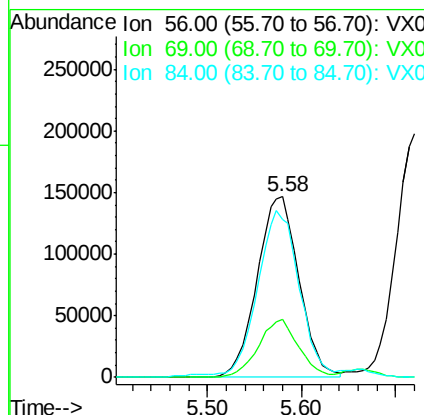
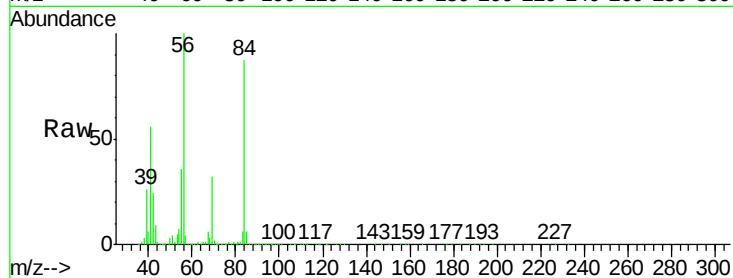
#31
Cyclohexane
Concen: 49.000 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.4	36.6
84	86.0	70.0	105.0

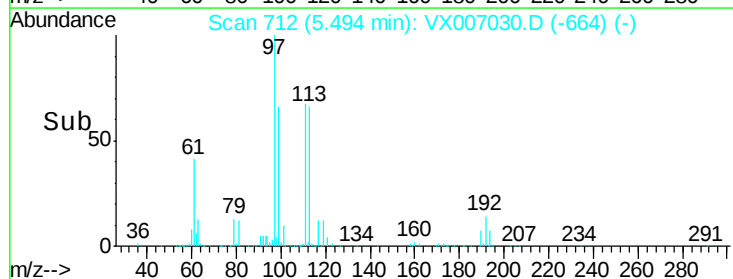
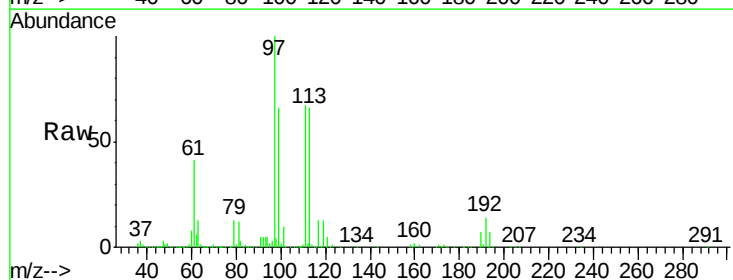
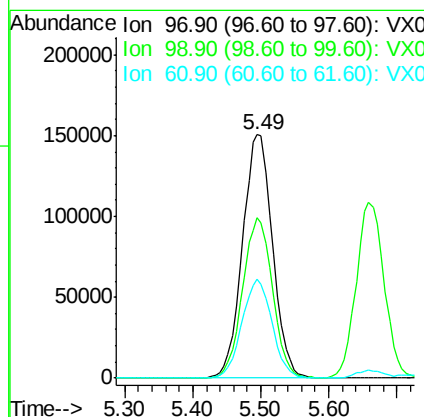
Manual Integrations
APPROVED

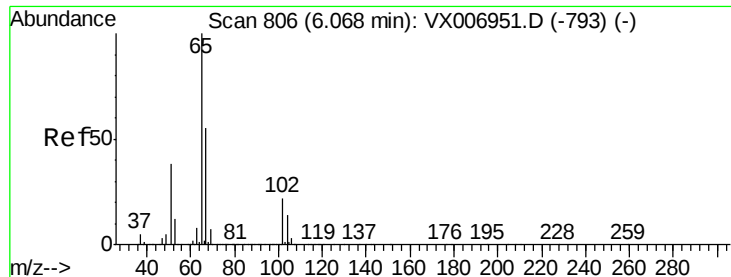
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#32
1,1,1-Trichloroethane
Concen: 50.026 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	40.6	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.816 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 327851

Ion Ratio Lower Upper

65 100

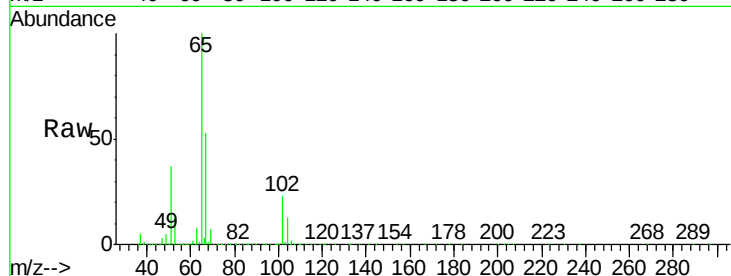
67 52.9 0.0 105.0

Manual Integrations

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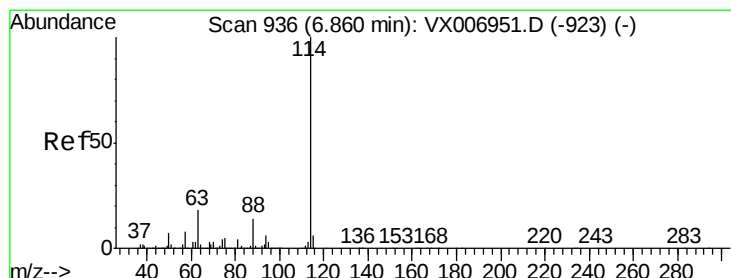
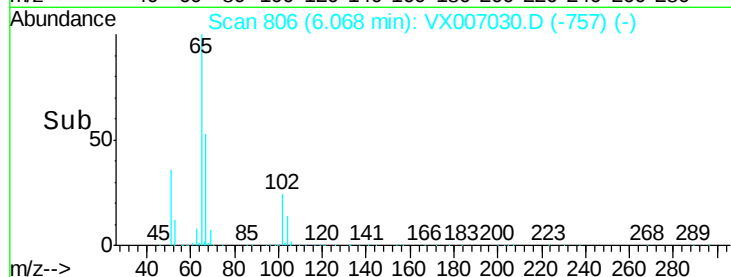
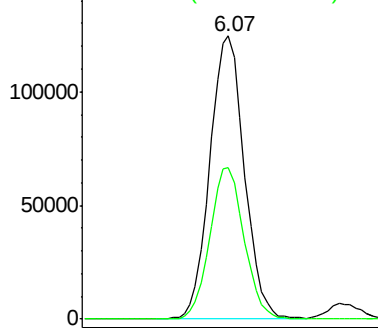
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

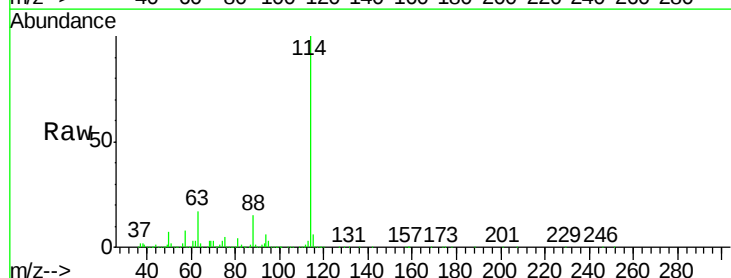
Tgt Ion: 114 Resp: 900097

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.8

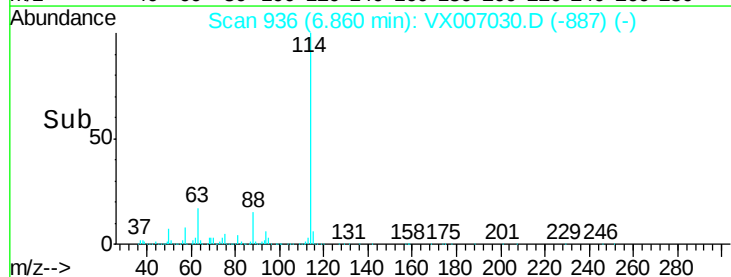
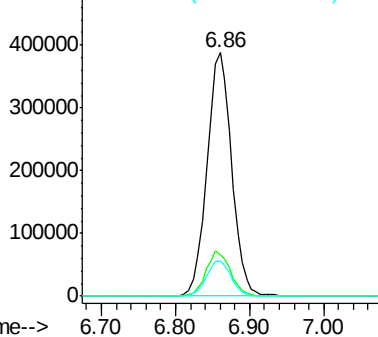
88 14.6 0.0 28.8

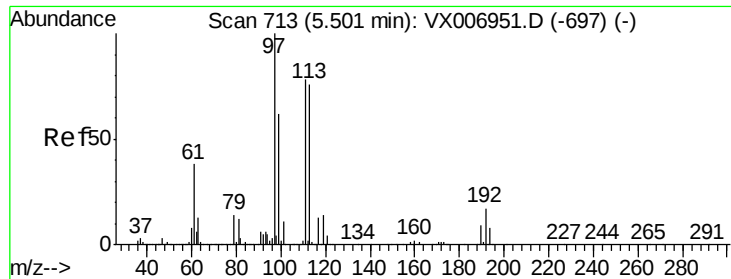


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.127 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

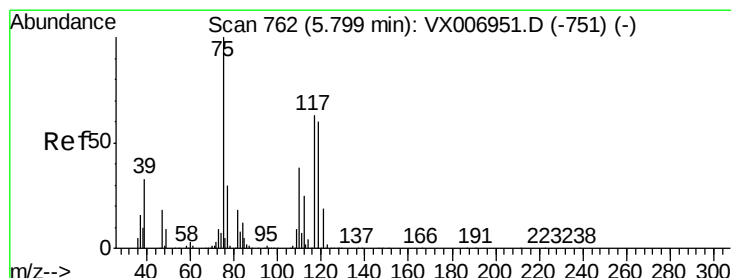
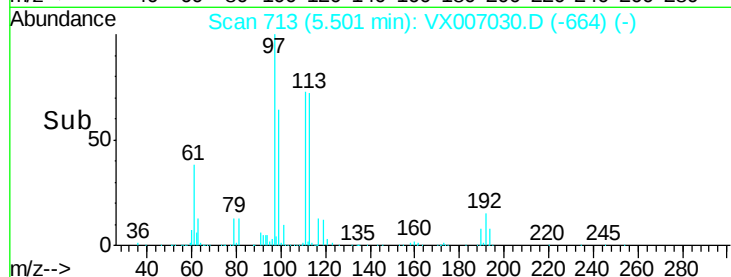
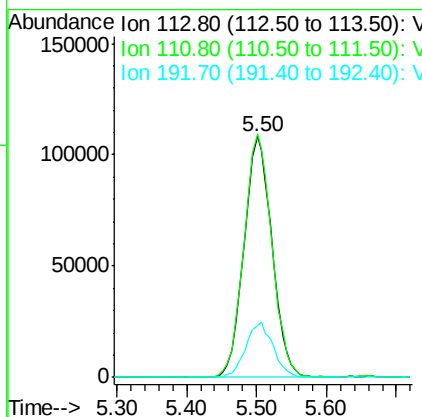
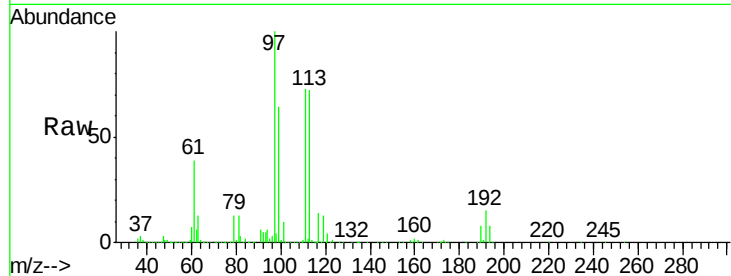
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	300469
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.6	122.4
192	22.5	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.134 ug/l

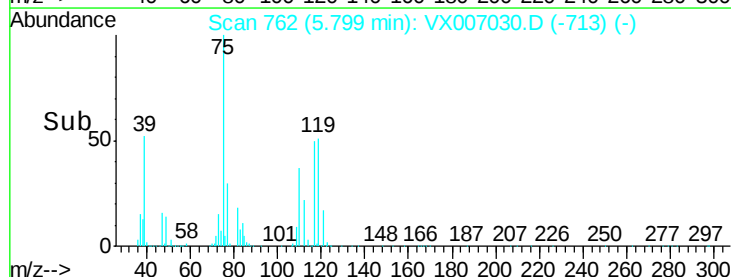
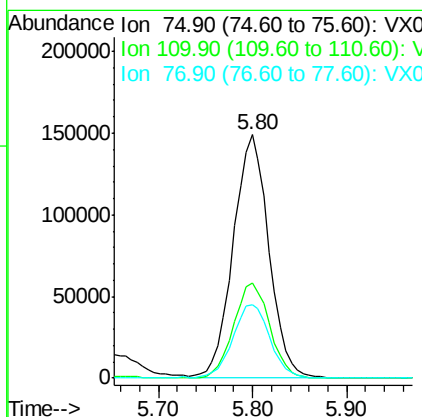
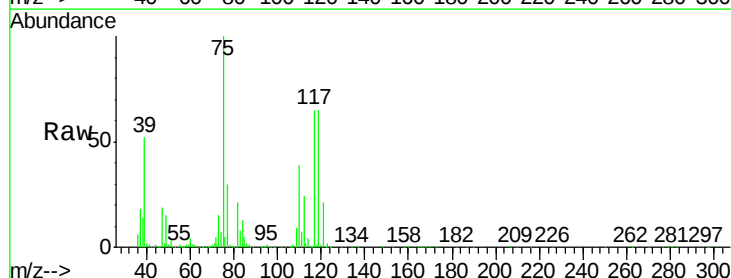
RT: 5.80 min Scan# 762

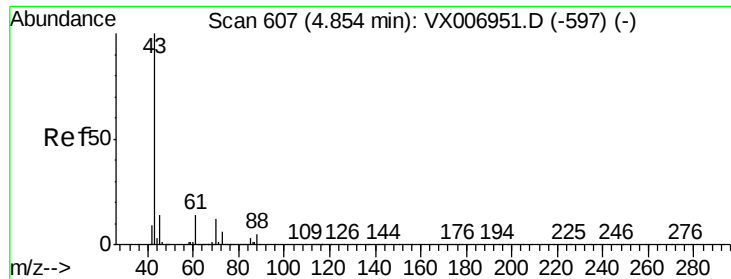
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	75	Resp:	392327
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.2	60.5
77	31.3	24.8	37.2





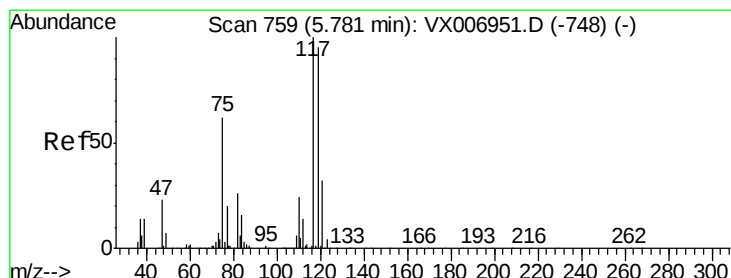
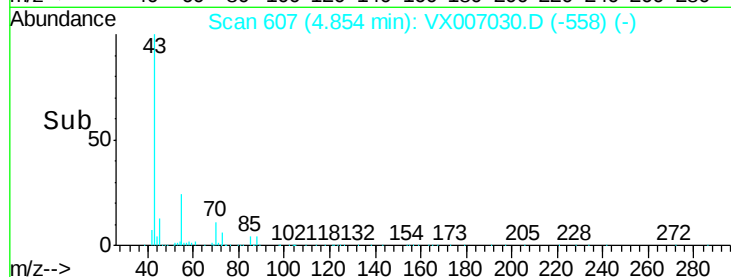
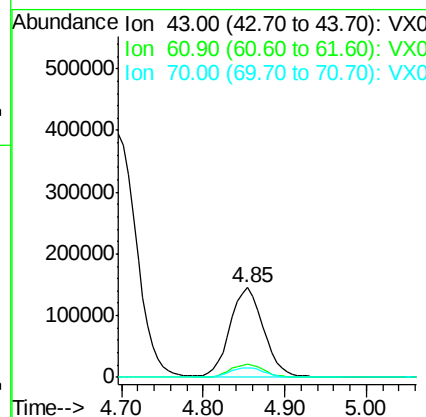
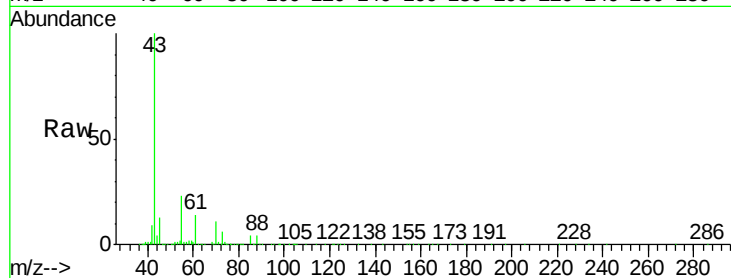
#37
Ethyl Acetate
Concen: 49.265 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.0	9.7	14.5

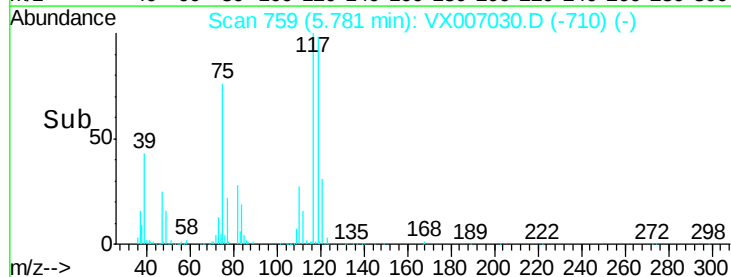
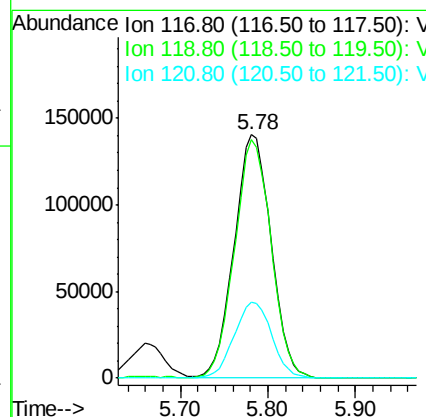
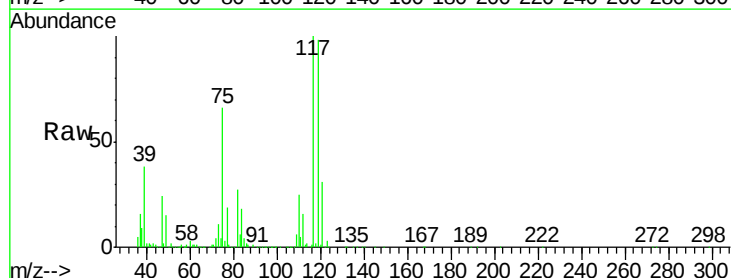
Manual Integrations
APPROVED

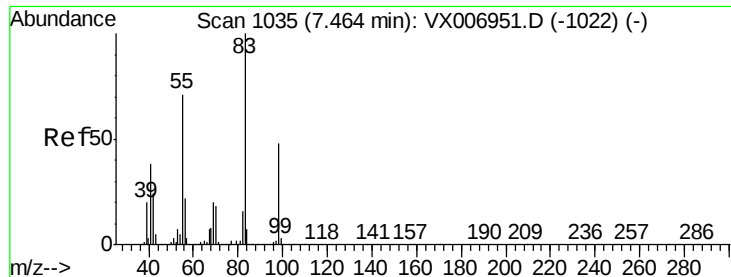
MMDadoda
1/15/2019 11:13:37 AM



#38
Carbon Tetrachloride
Concen: 52.262 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.4	119.2
121	30.9	24.0	36.0





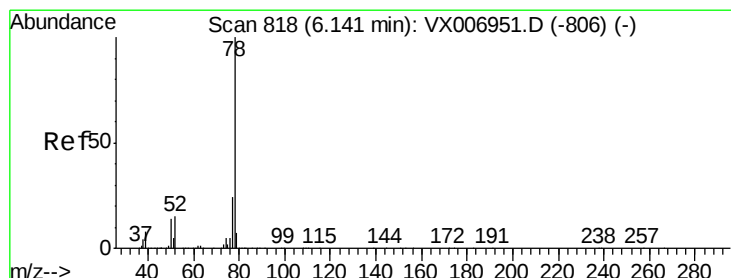
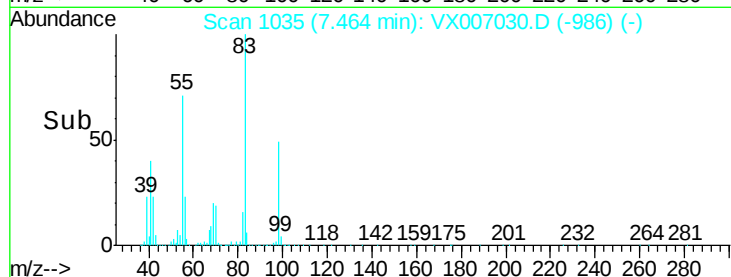
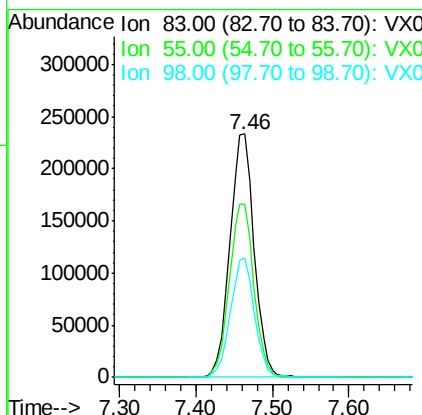
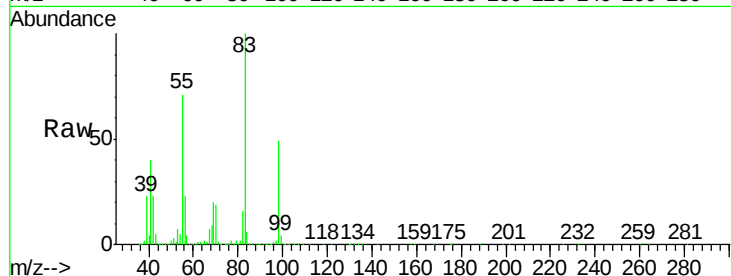
#39
Methvlcvclohexane
Concen: 51.182 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	54.9	82.3
98	48.9	37.9	56.9

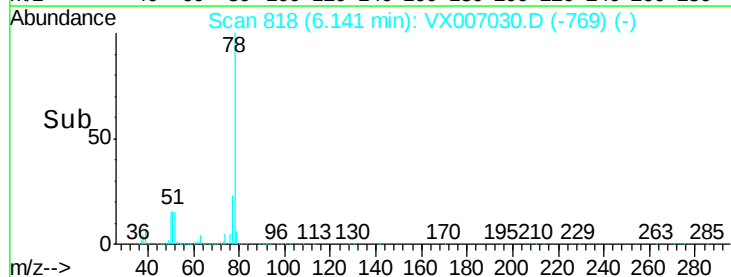
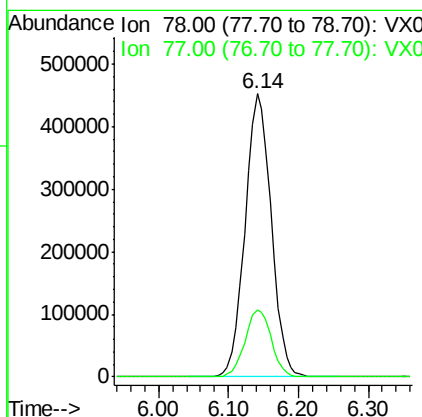
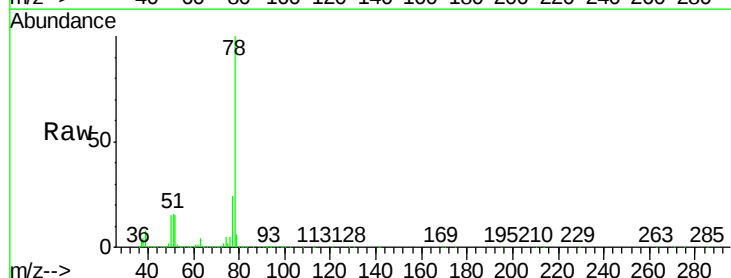
Manual Integrations
APPROVED

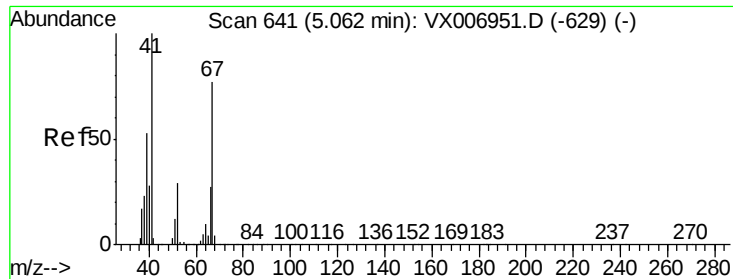
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#40
Benzene
Concen: 49.161 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 48.000 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

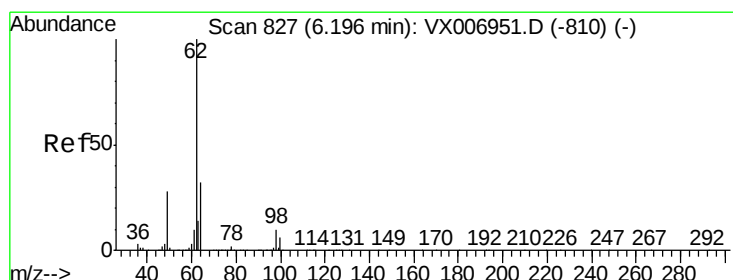
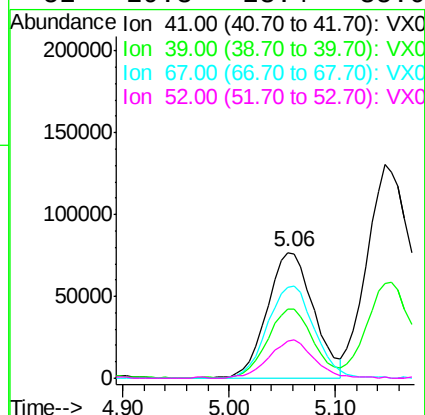
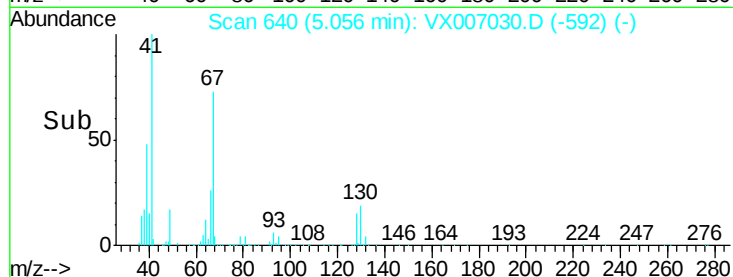
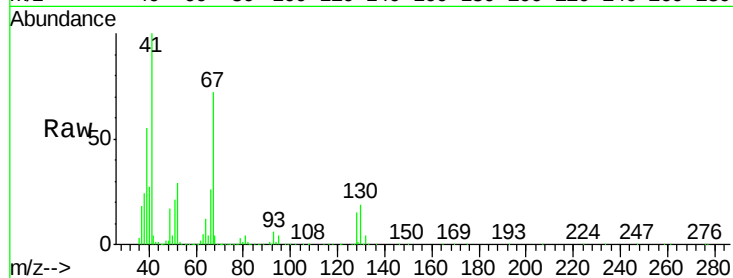
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		231992		
39	54.5	42.8	64.2		
67	73.8	62.1	93.1		
52	29.3	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.499 ug/l

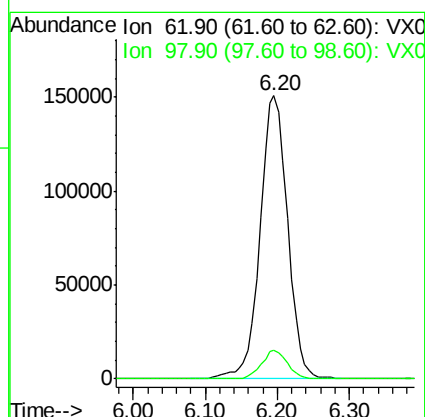
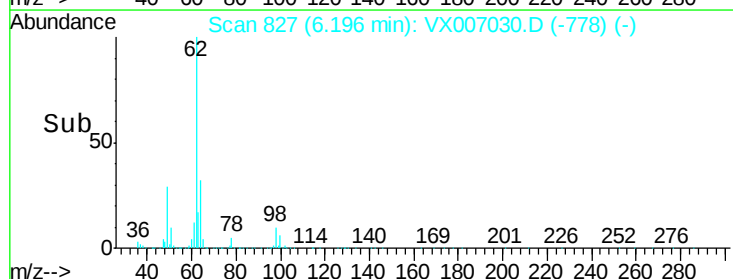
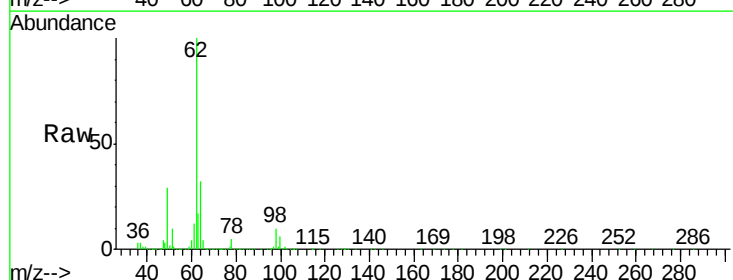
RT: 6.20 min Scan# 827

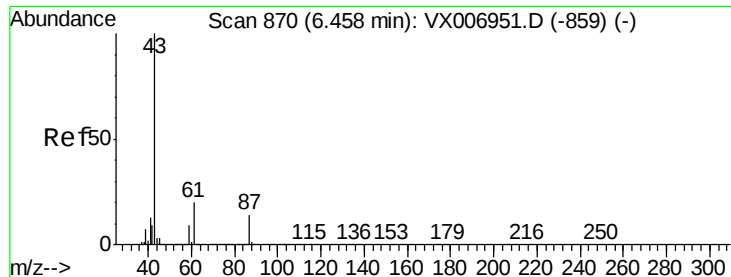
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		400187		
98	9.6	0.0	20.2		





#43

Isopropyl Acetate

Concen: 51.496 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

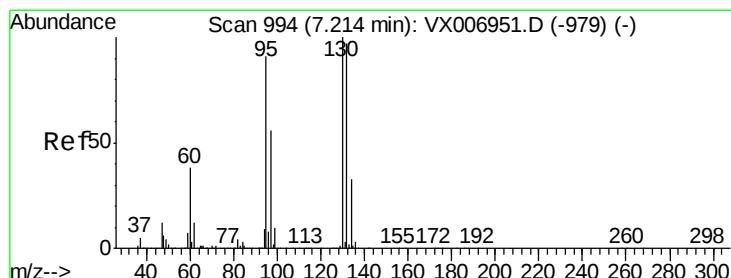
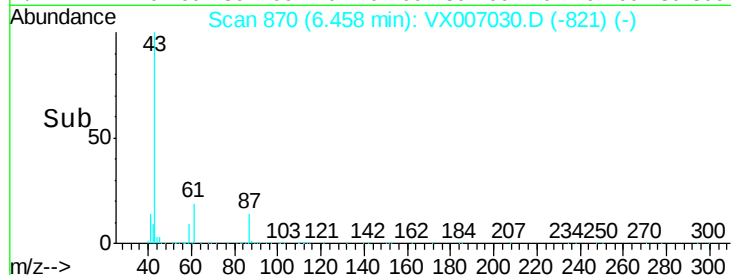
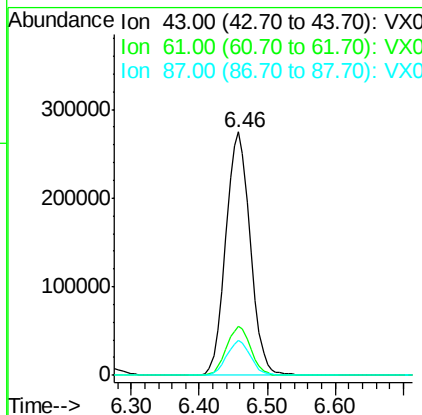
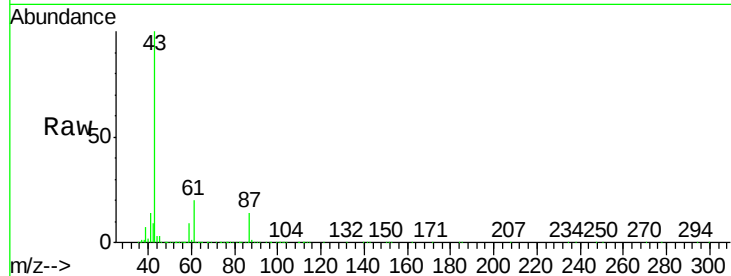
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	681481
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.1	12.4	18.6

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#44

Trichloroethene

Concen: 49.392 ug/l

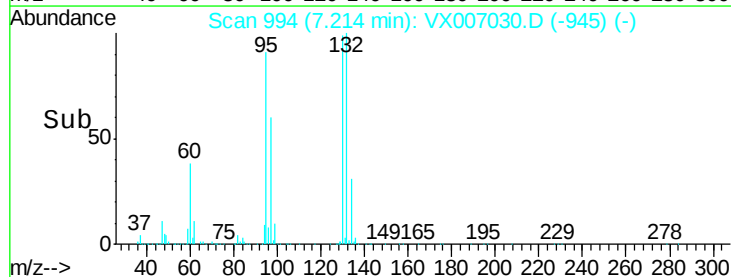
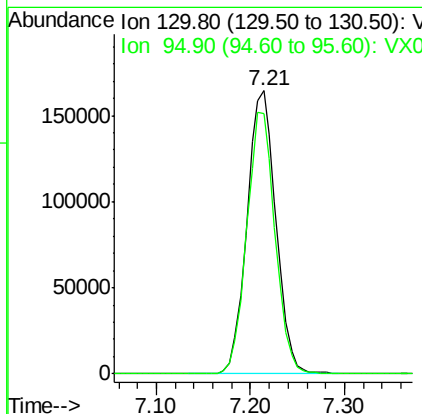
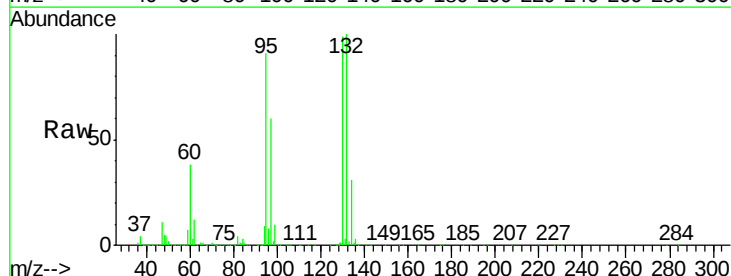
RT: 7.21 min Scan# 994

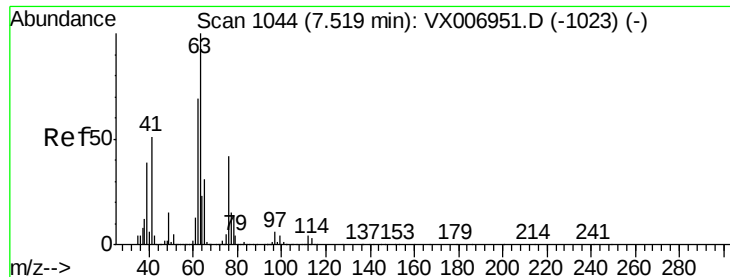
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	130	Resp:	353415
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.149 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 301048

Ion Ratio Lower Upper

63 100

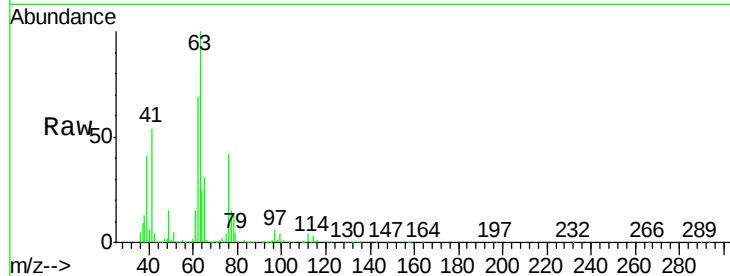
65 30.7 25.4 38.0

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

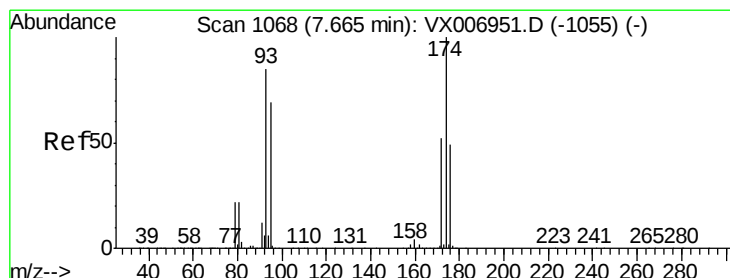
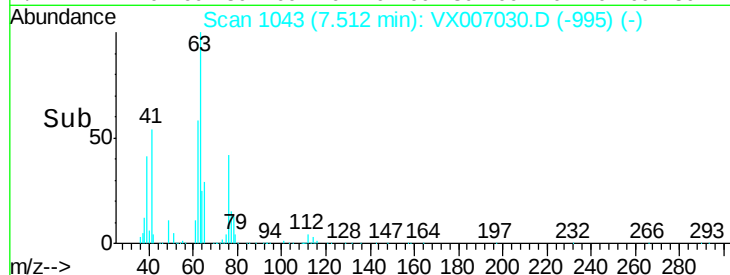
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 50.111 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

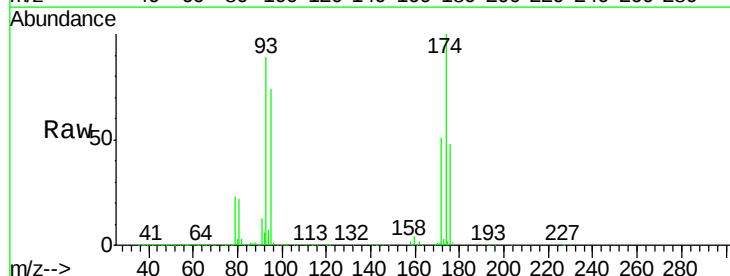
Tgt Ion: 93 Resp: 211417

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 119.2 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

7.66

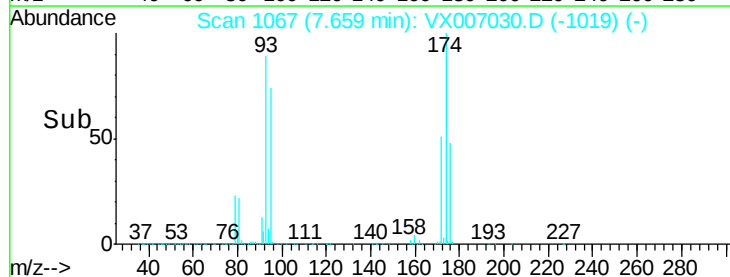
150000

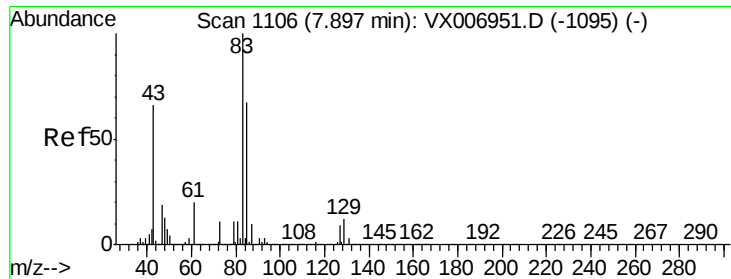
100000

50000

0

Time-->





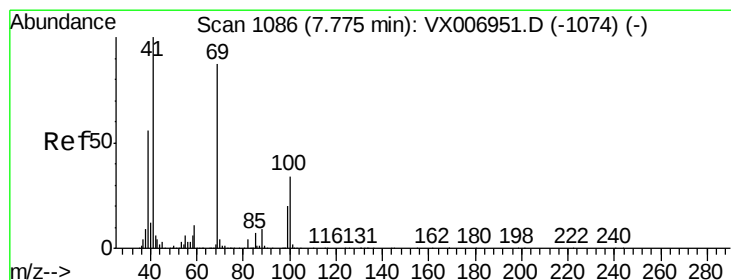
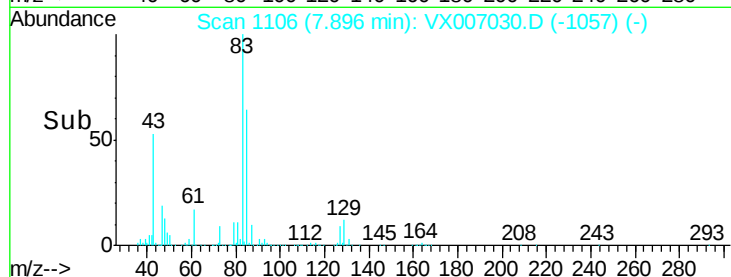
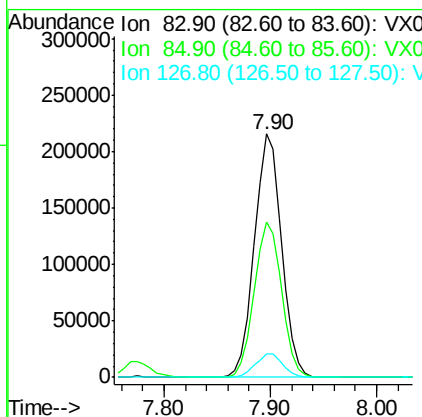
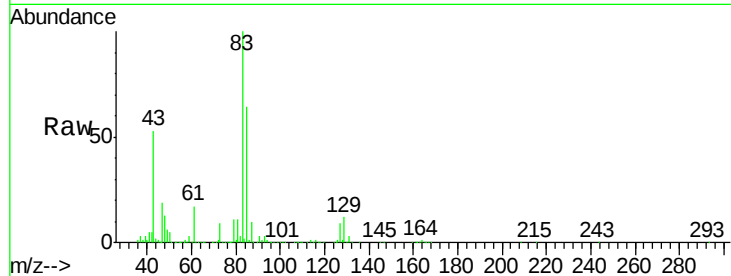
#47
Bromodichloromethane
Concen: 53.899 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	387068		
85	63.6	53.2	79.8	
127	9.4	7.8	11.6	

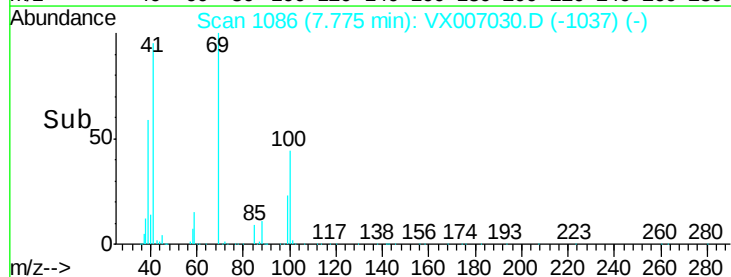
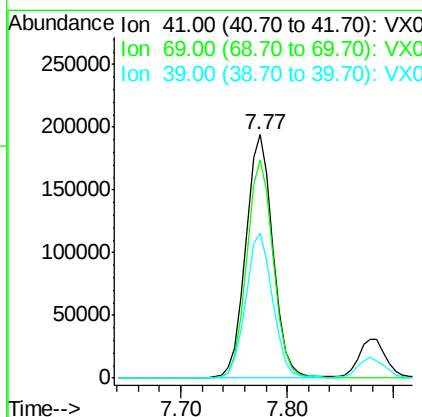
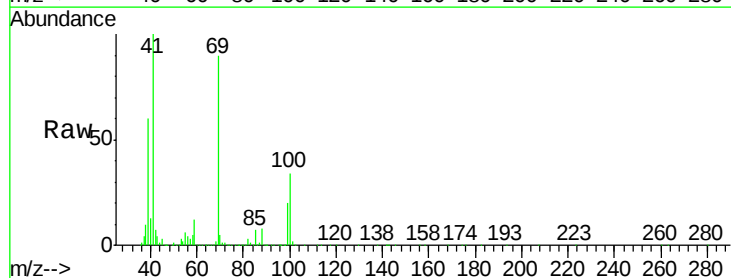
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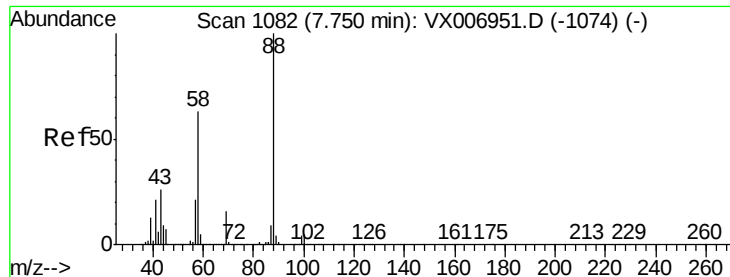
MMDadoda
1/15/2019 11:13:37 AM



#48
Methyl methacrylate
Concen: 51.036 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	346843		
69	88.7	72.4	108.6	
39	59.4	45.8	68.8	





#49

1,4-Dioxane

Concen: 1005.245 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

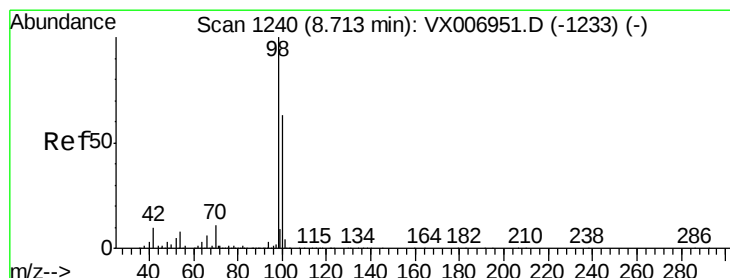
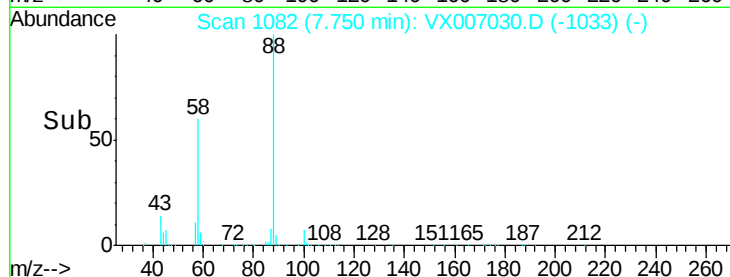
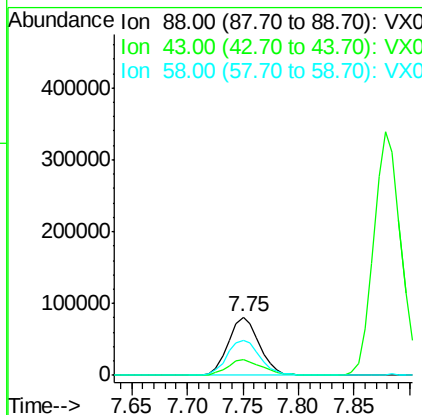
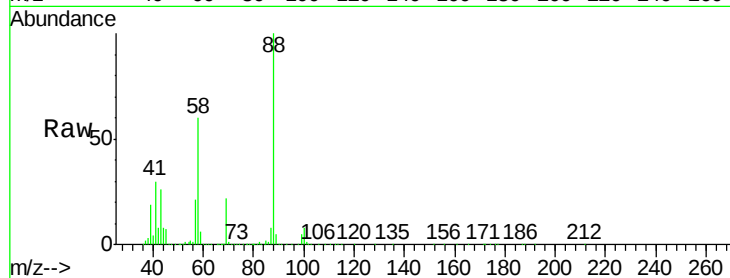
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	156007
Ion	Ratio	Lower	Upper
88	100		
43	30.0	22.2	33.4
58	64.9	51.0	76.4

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#50

Toluene-d8

Concen: 53.078 ug/l

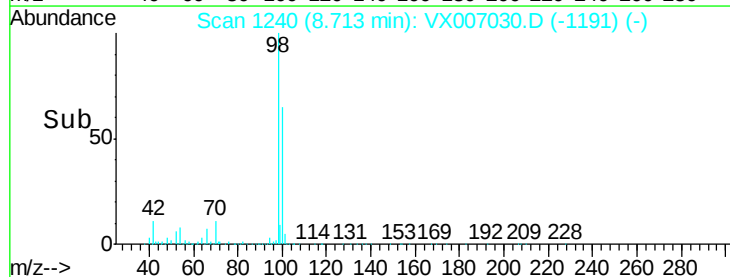
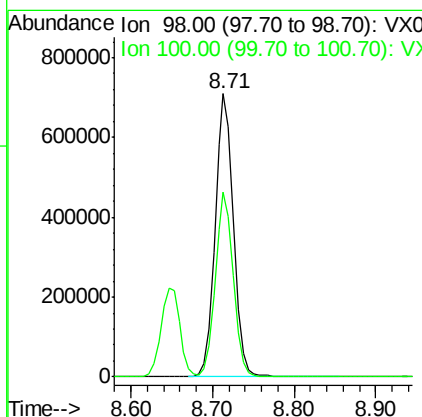
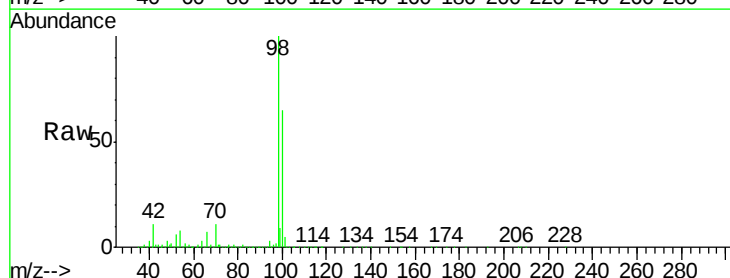
RT: 8.71 min Scan# 1240

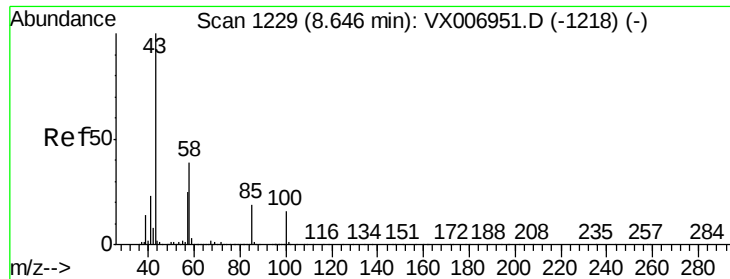
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	98	Resp:	1119876
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 260.064 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2211784

Ion Ratio Lower Upper

43 100

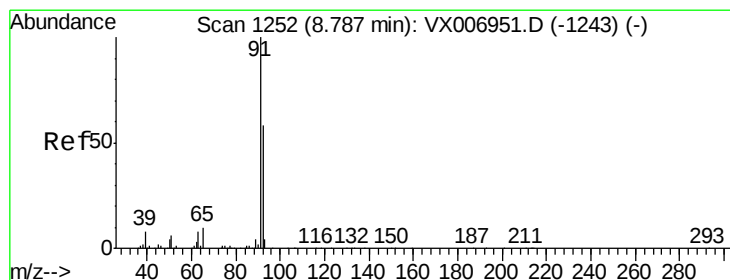
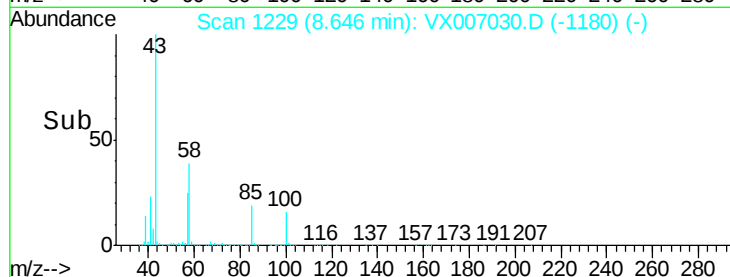
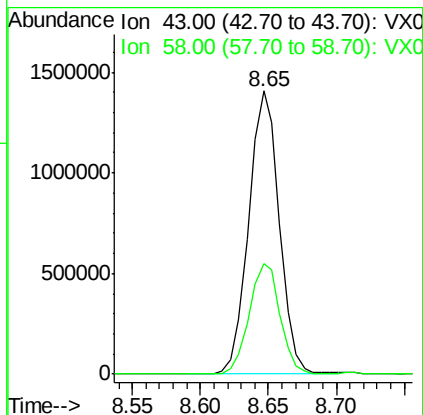
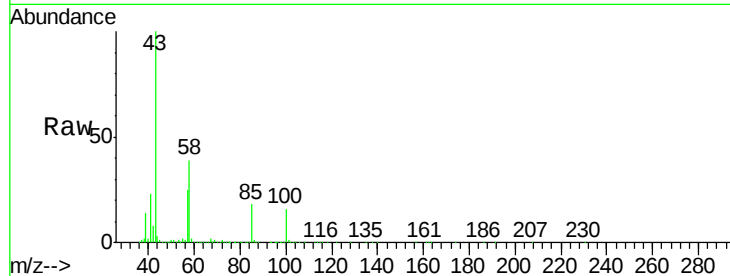
58 39.4 31.8 47.6

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#52

Toluene

Concen: 50.649 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007030.D

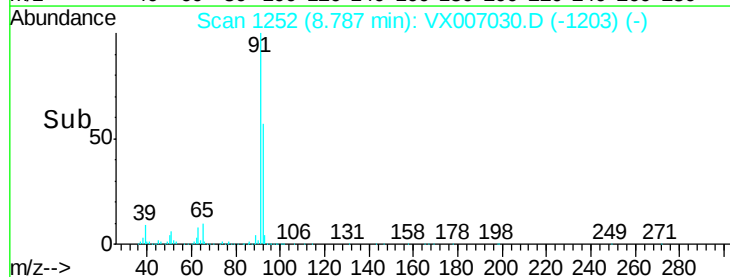
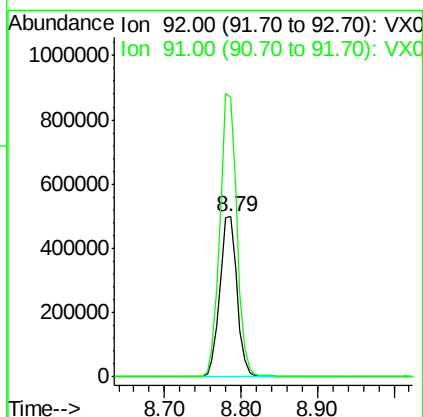
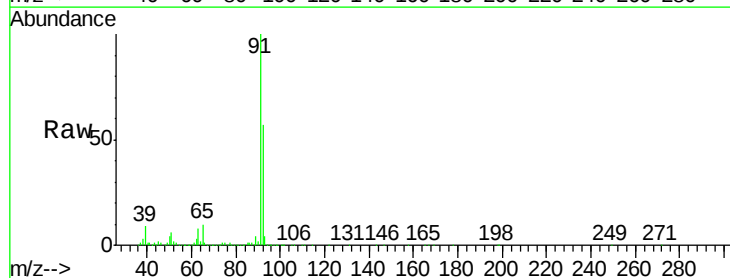
Acq: 14 Jan 2019 10:56

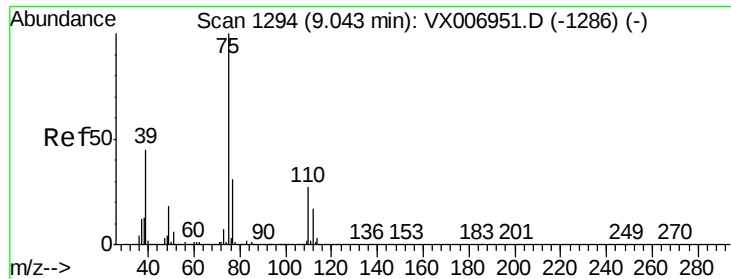
Tgt Ion: 92 Resp: 777326

Ion Ratio Lower Upper

92 100

91 175.1 137.6 206.4





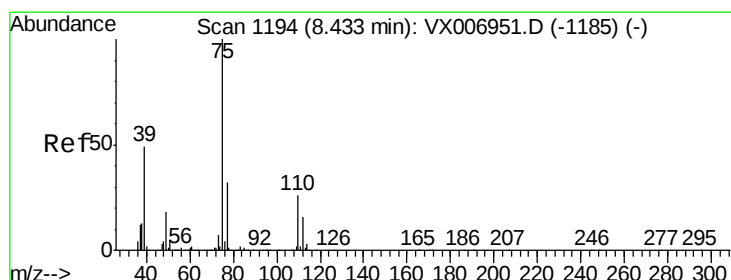
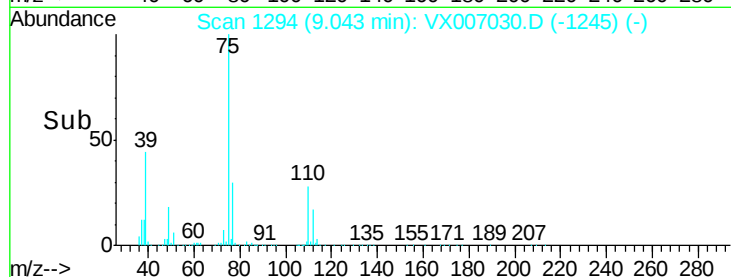
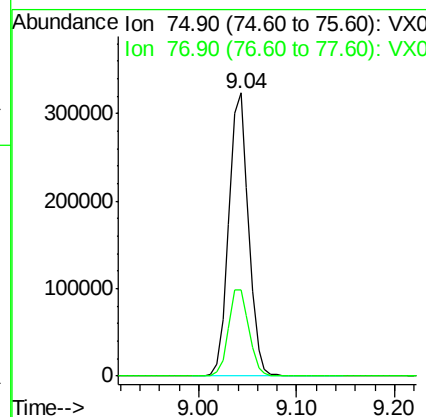
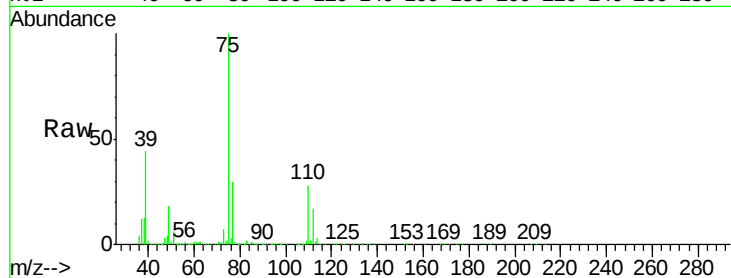
#53
t-1,3-Dichloropropene
Concen: 56.681 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.4	38.0

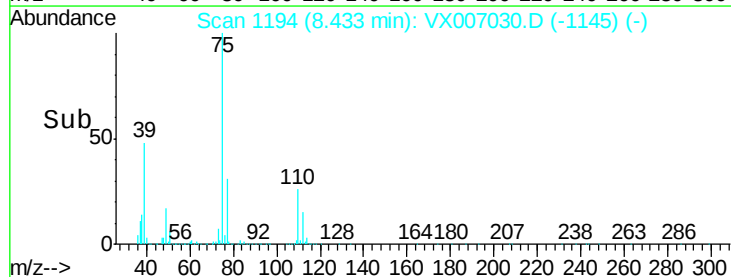
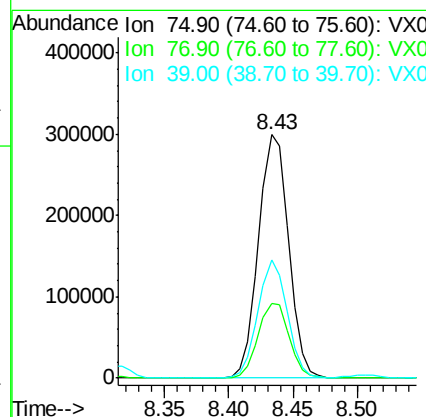
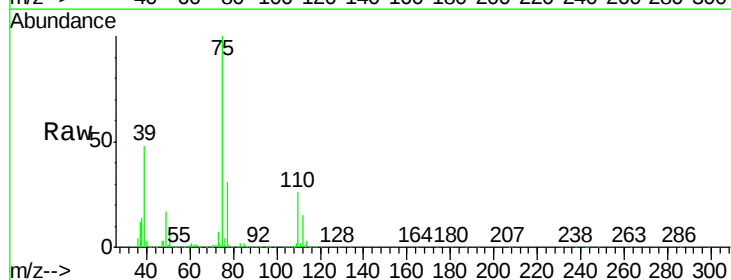
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#54
cis-1,3-Dichloropropene
Concen: 55.108 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.2	39.2
39	48.3	36.7	55.1





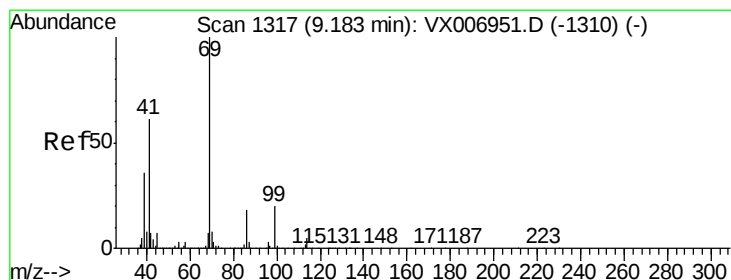
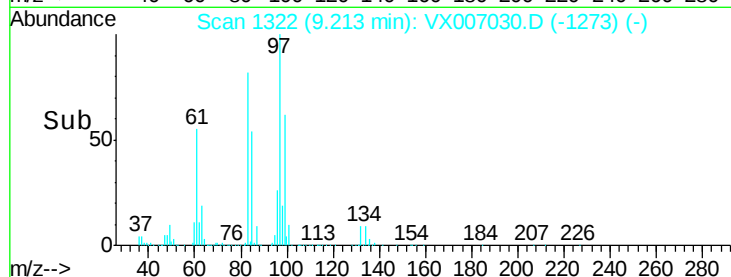
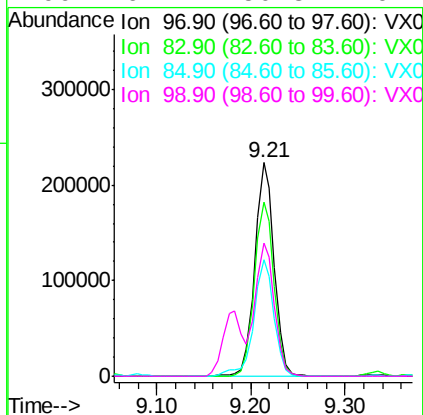
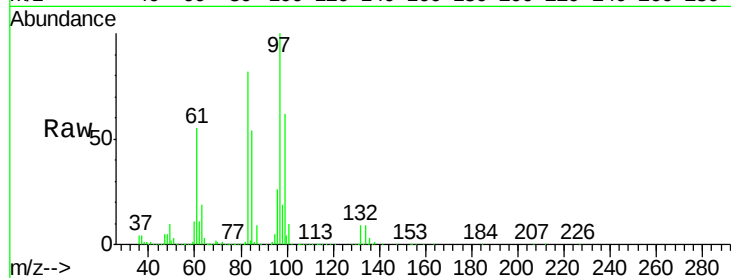
#55
 1,1,2-Trichloroethane
 Concen: 52.805 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		324378		
83	81.7	66.6	99.8		
85	54.3	42.7	64.1		
99	62.2	50.8	76.2		

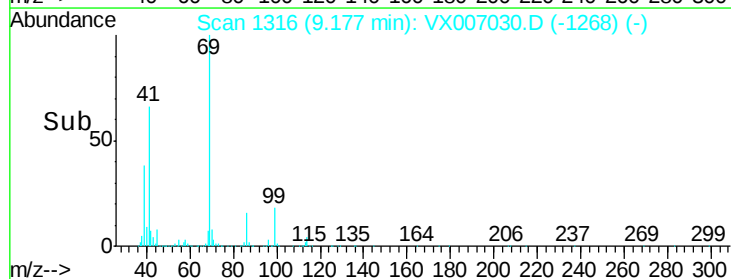
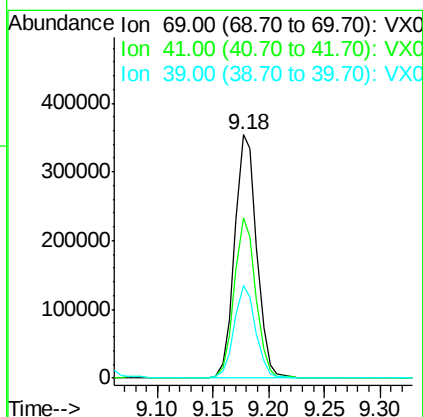
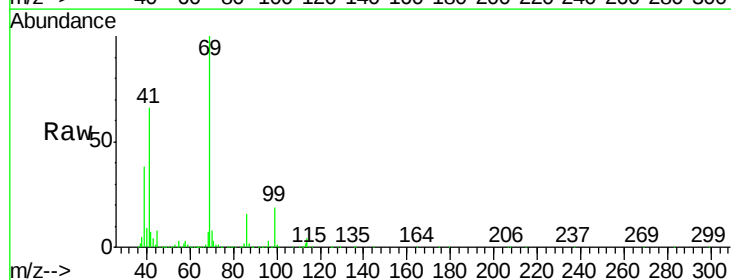
Manual Integrations
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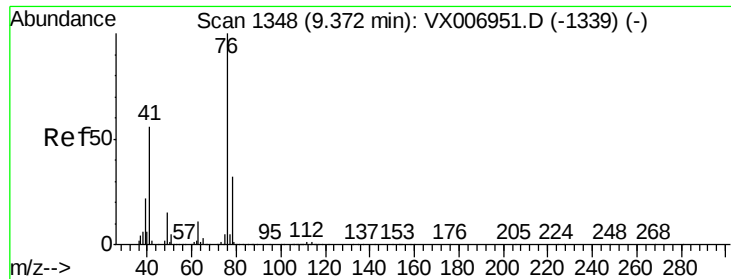
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#56
 Ethyl methacrylate
 Concen: 54.156 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		485672		
41	64.1	48.7	73.1		
39	36.9	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 51.024 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 513502

Ion Ratio Lower Upper

76 100

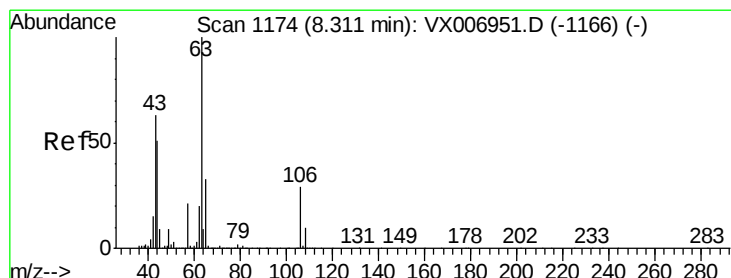
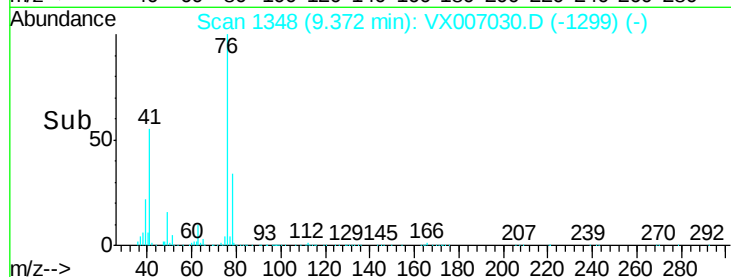
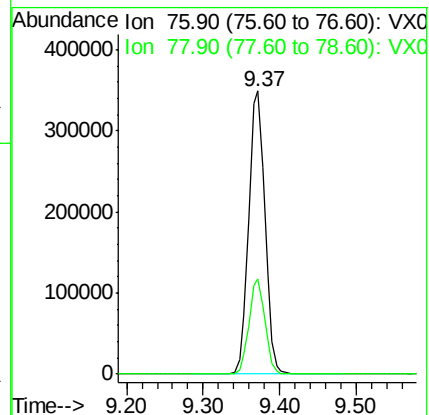
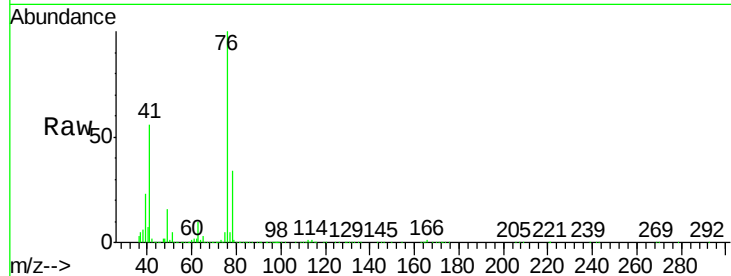
78 33.0 26.0 39.0

Manual Integrations

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1/15/2019 11:13:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 253.383 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007030.D

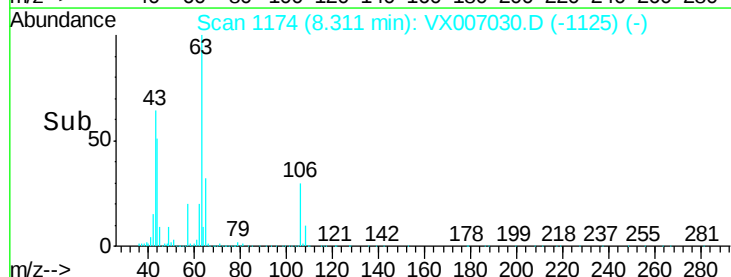
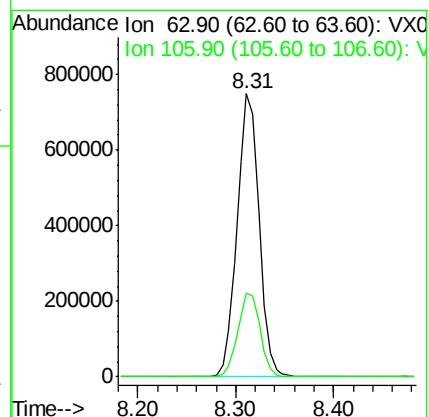
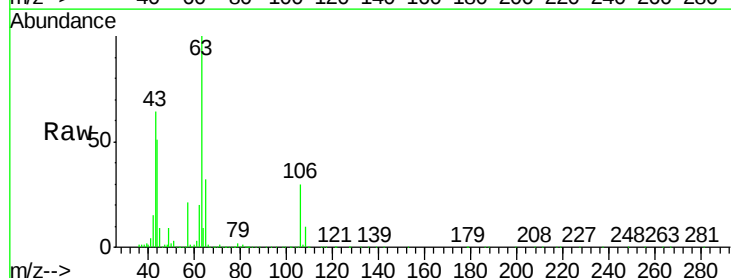
Acq: 14 Jan 2019 10:56

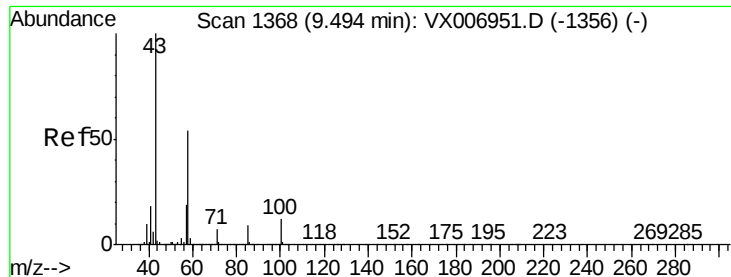
Tgt Ion: 63 Resp: 1168333

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





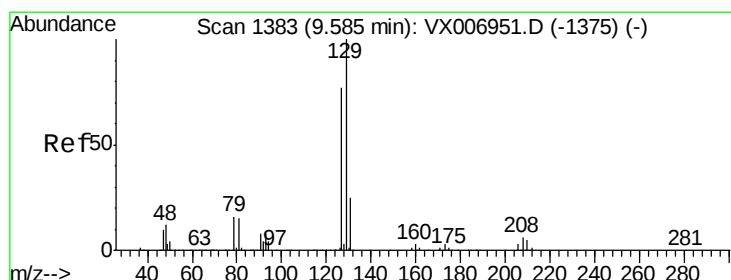
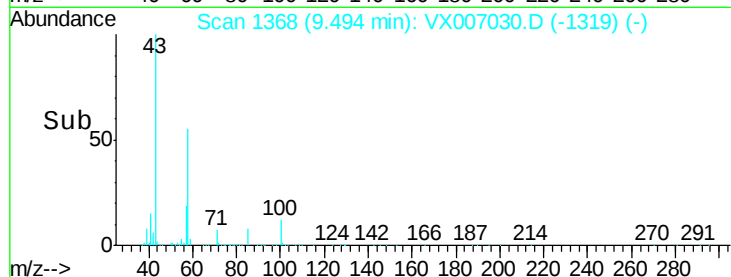
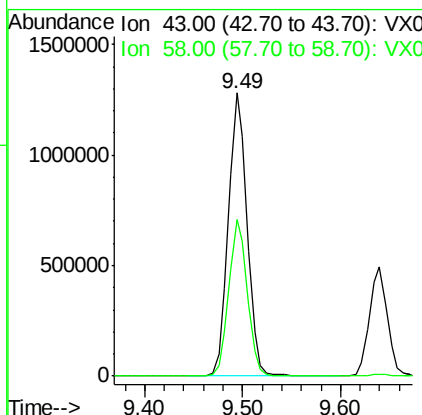
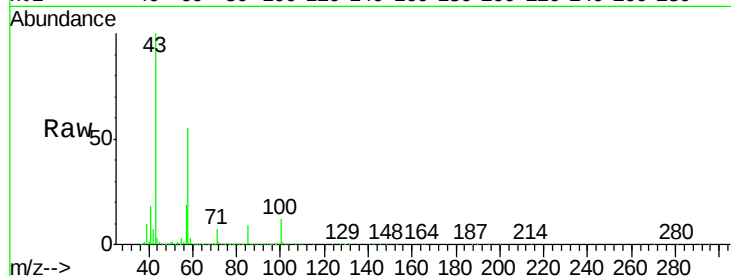
#59
2-Hexanone
Concen: 263.284 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1706374
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

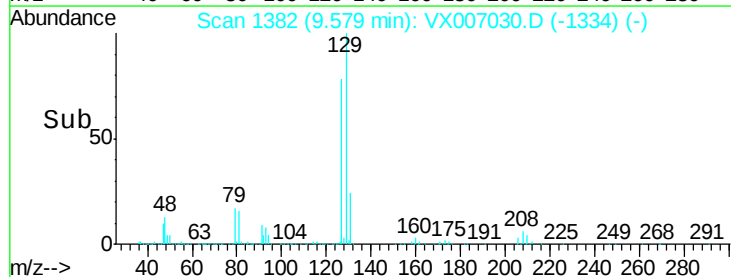
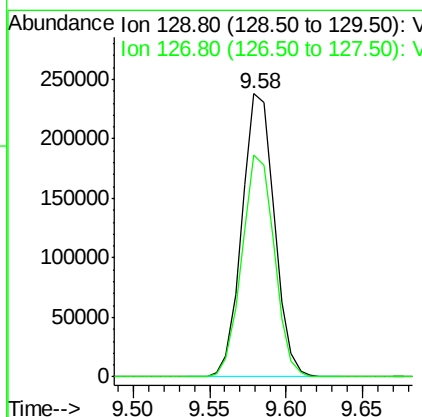
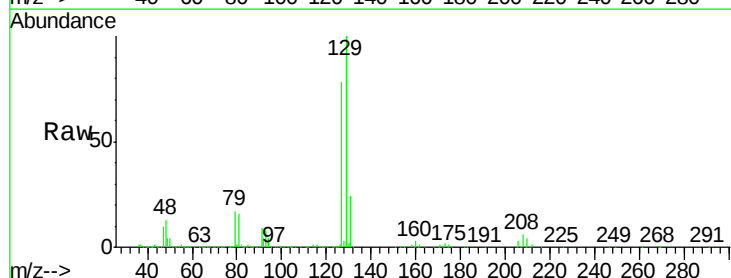
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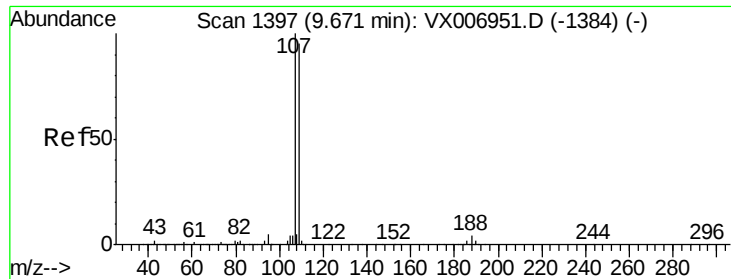
MMDadoda
1/15/2019 11:13:37 AM



#60
Dibromochloromethane
Concen: 58.819 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion: 129 Resp: 350855
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.034 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 351897

Ion Ratio Lower Upper

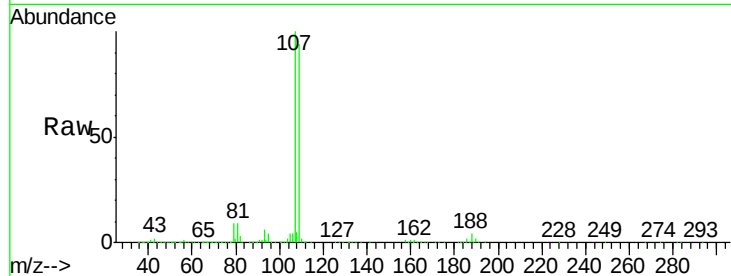
107 100

109 93.4 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

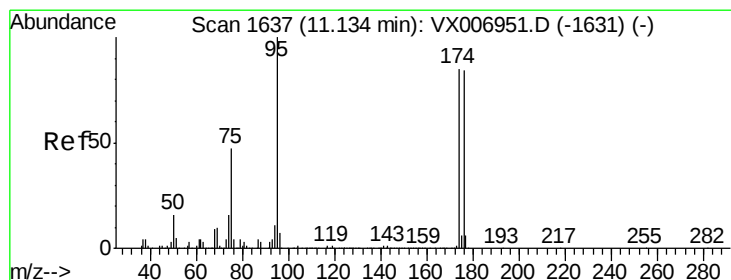
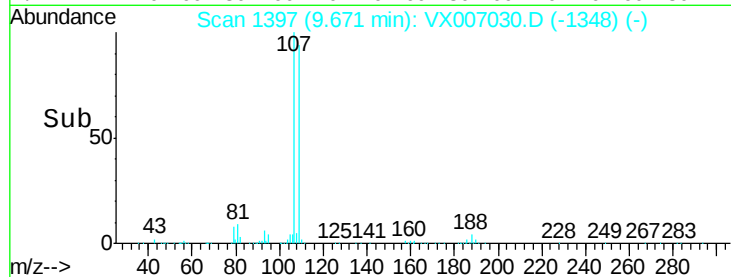
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

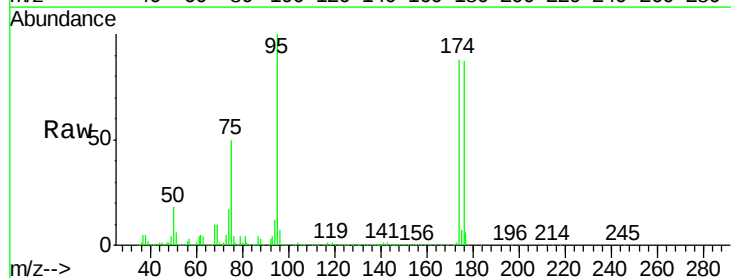
Tgt Ion: 95 Resp: 417091

Ion Ratio Lower Upper

95 100

174 95.6 0.0 182.2

176 93.5 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

11.13

400000

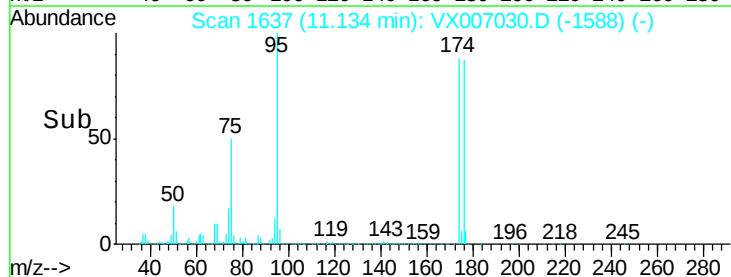
300000

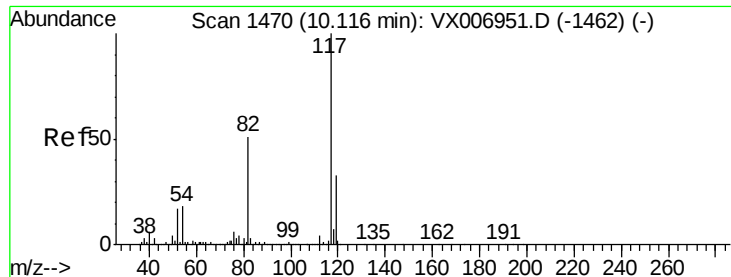
200000

100000

0

Time-->





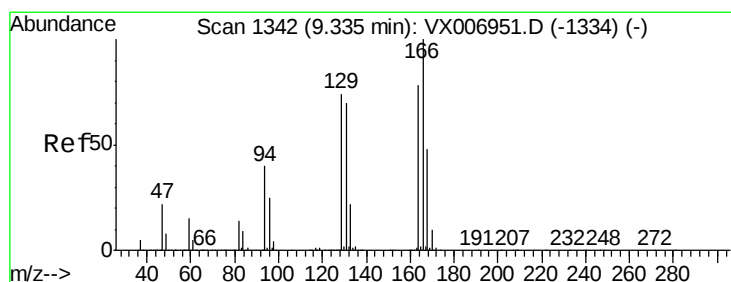
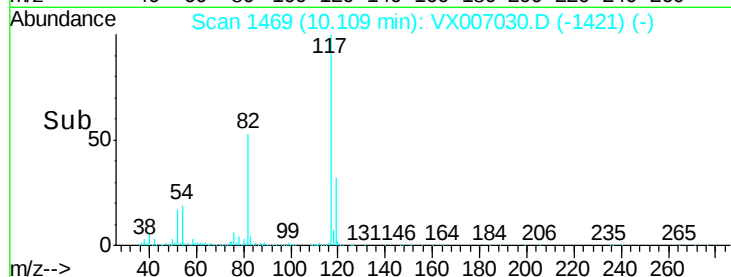
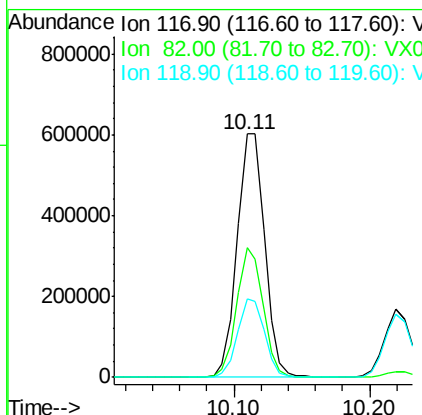
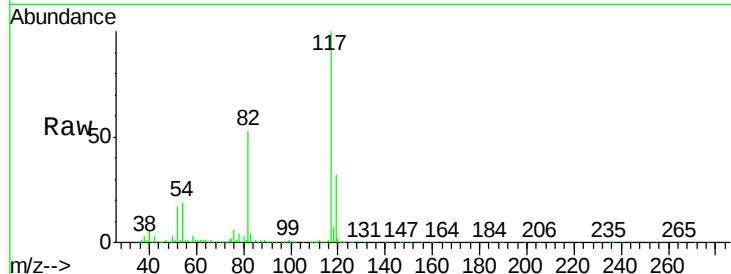
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.0	61.6
119	32.2	25.4	38.0

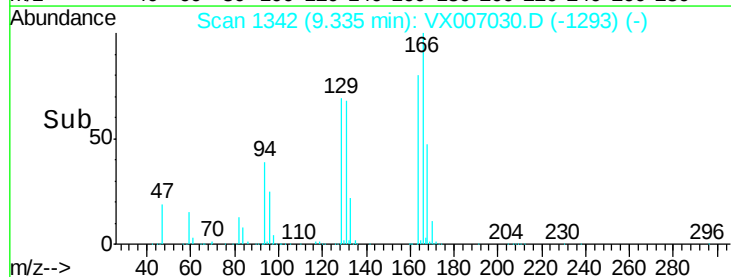
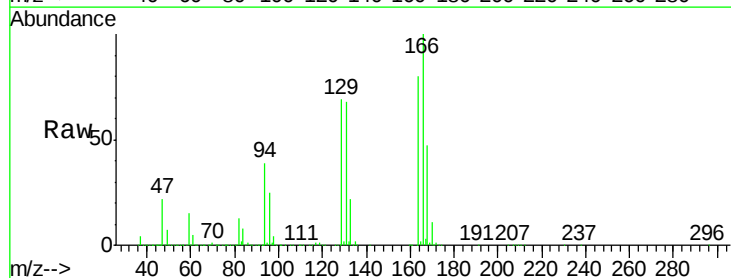
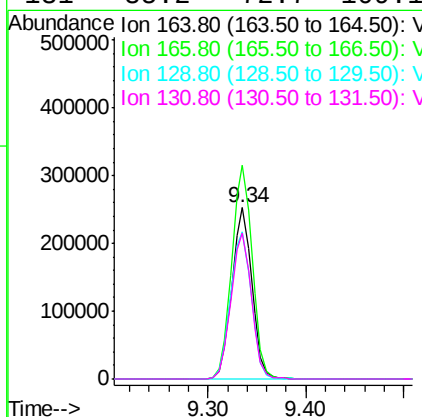
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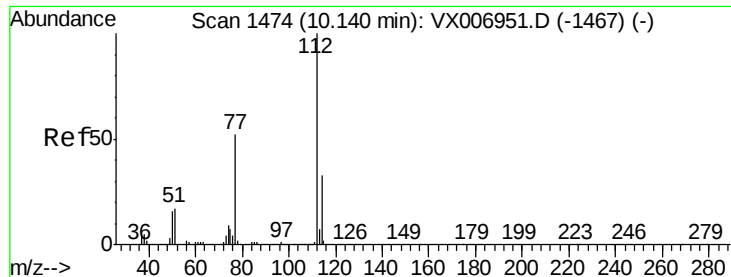
MMDadoda
1/15/2019 11:13:37 AM



#64
Tetrachloroethene
Concen: 48.771 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.5	153.7
129	85.7	75.1	112.7
131	85.2	72.7	109.1





#65

Chlorobenzene

Concen: 49.708 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 924187

Ion Ratio Lower Upper

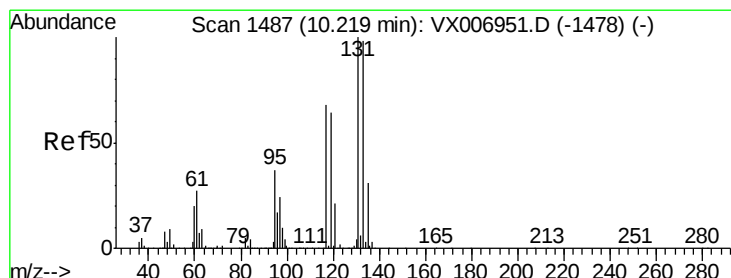
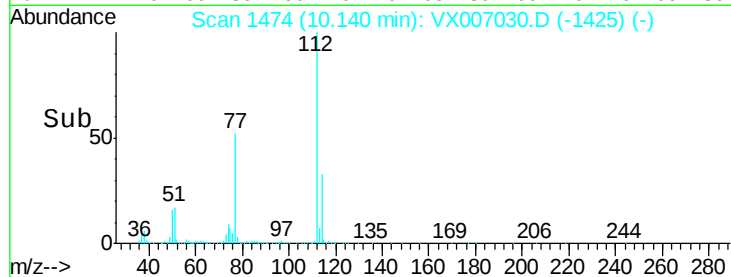
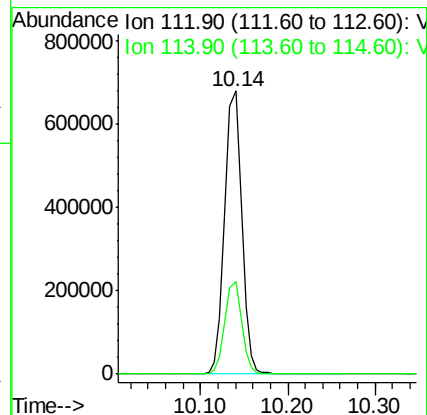
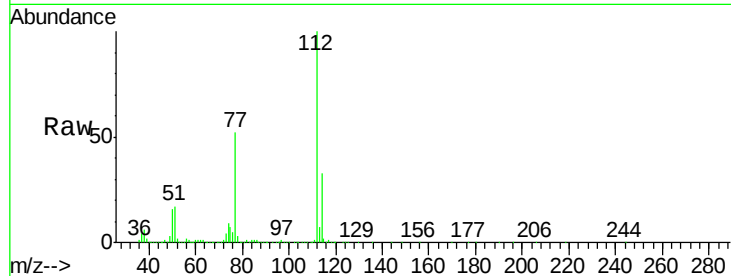
112 100

114 32.7 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.525 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

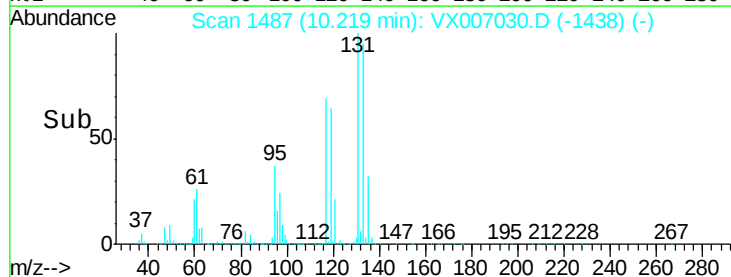
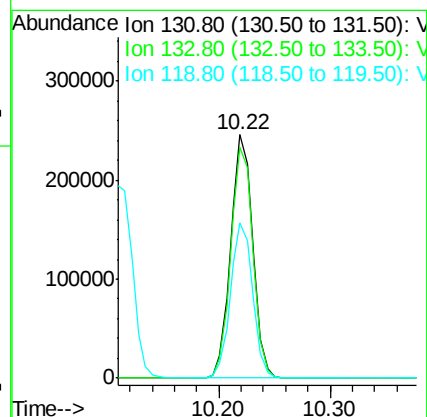
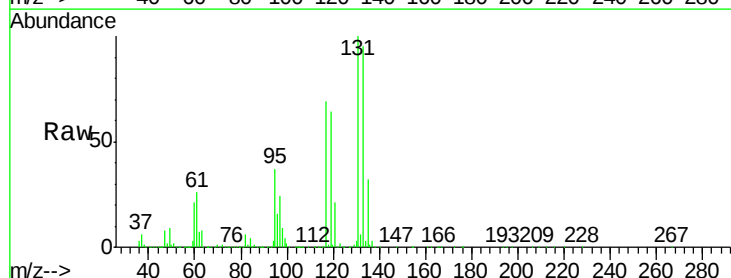
Tgt Ion:131 Resp: 334766

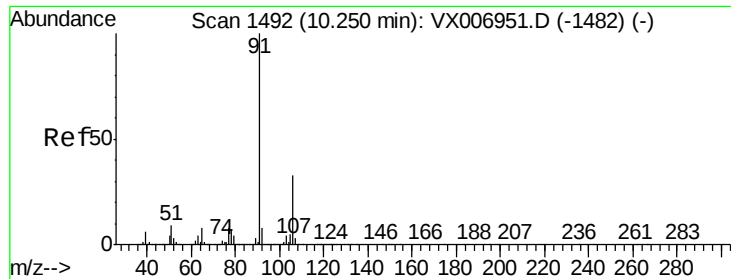
Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

119 64.4 32.6 97.8





#67

Ethyl Benzene

Concen: 50.366 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1545915

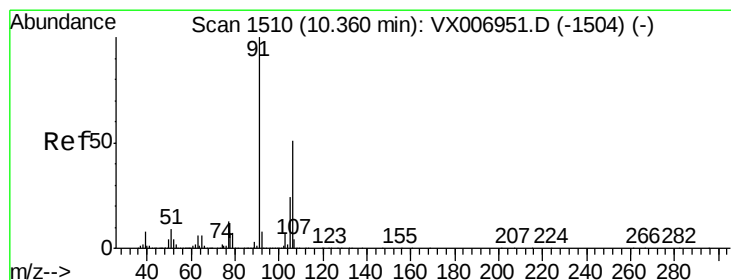
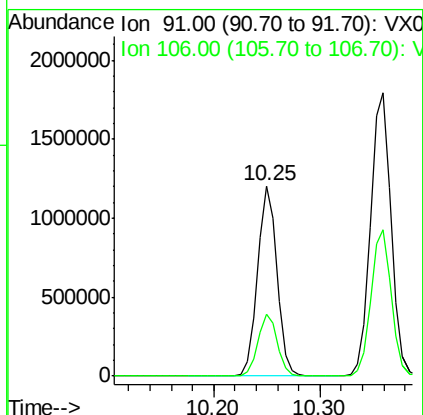
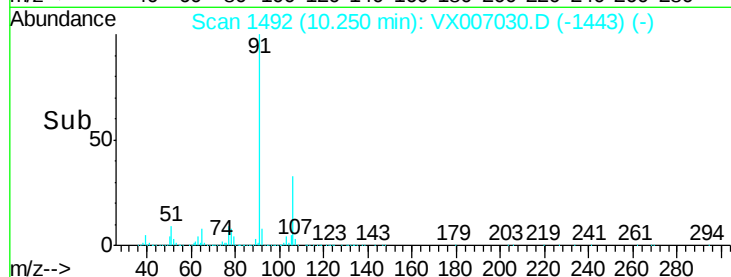
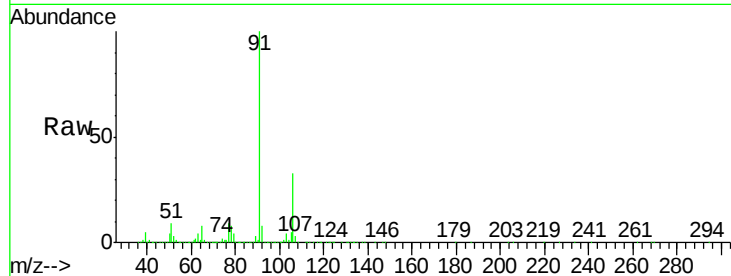
Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6

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#68

m/p-Xylenes

Concen: 102.289 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007030.D

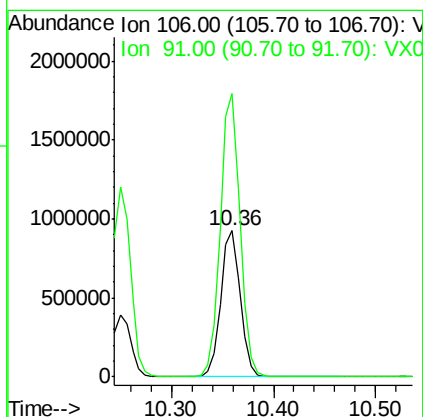
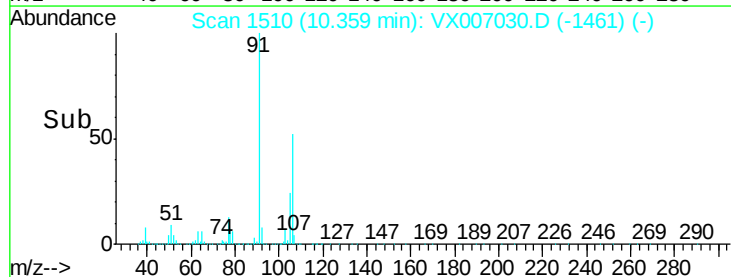
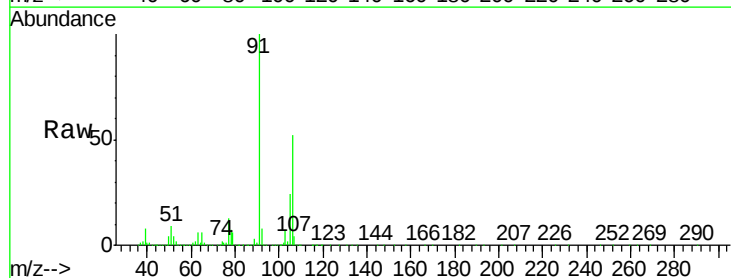
Acq: 14 Jan 2019 10:56

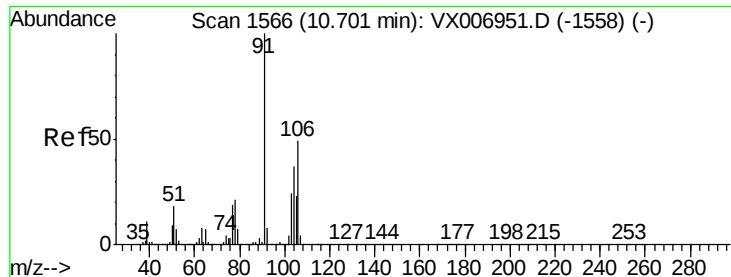
Tgt Ion: 106 Resp: 1236954

Ion Ratio Lower Upper

106 100

91 195.7 155.8 233.6





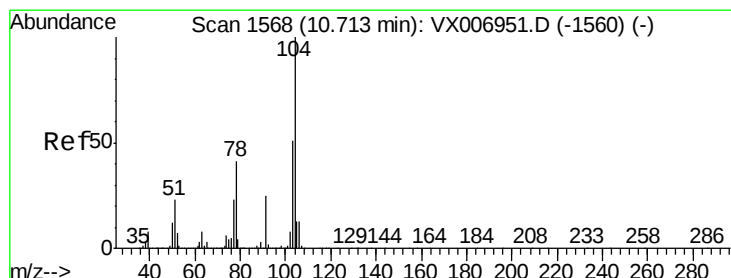
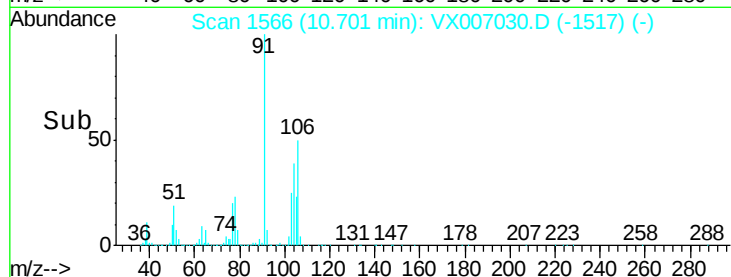
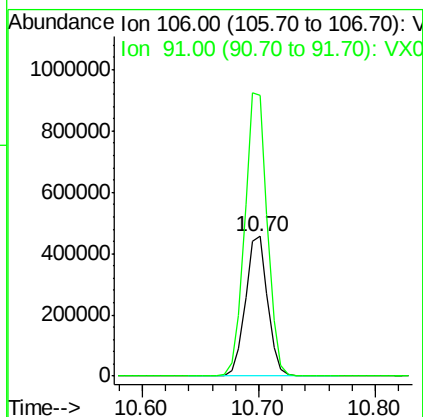
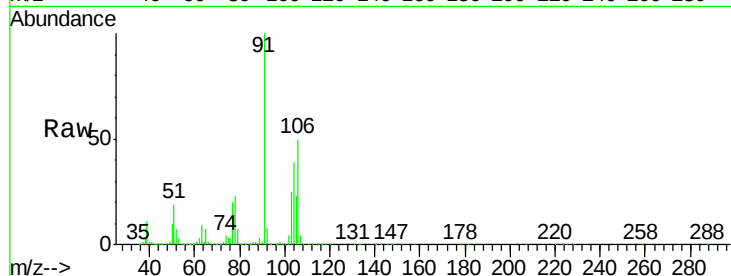
#69
o-Xylene
Concen: 51.408 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.2	101.3	303.7

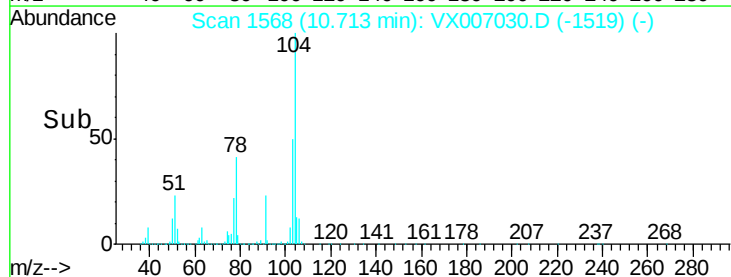
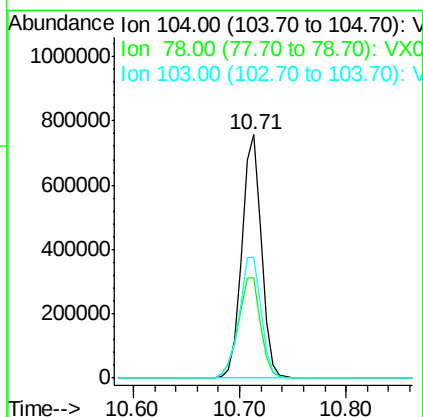
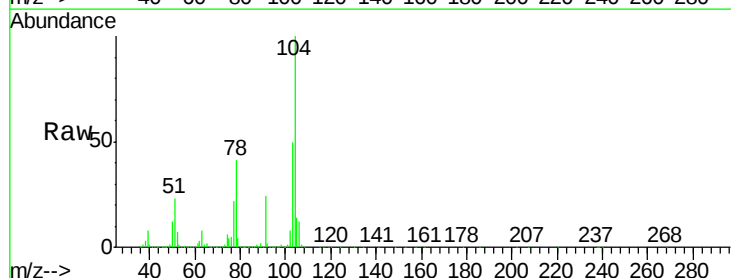
Manual Integrations
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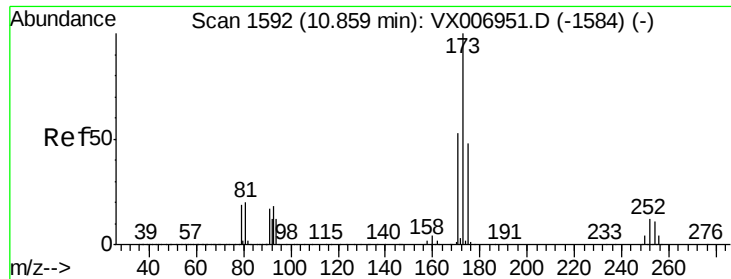
MMDadoda
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#70
Styrene
Concen: 52.332 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.7	56.5
103	56.2	43.8	65.8





#71

Bromoform

Concen: 48.455 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 270233

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

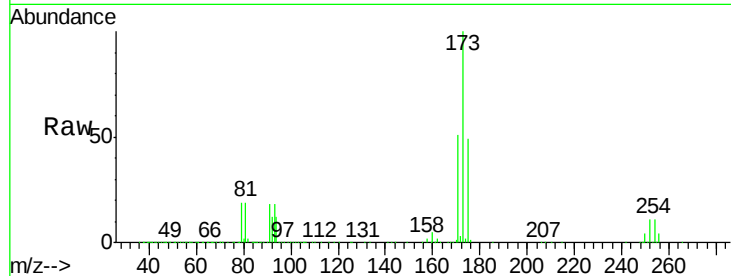
254 0.2 0.2 0.2

Manual Integrations

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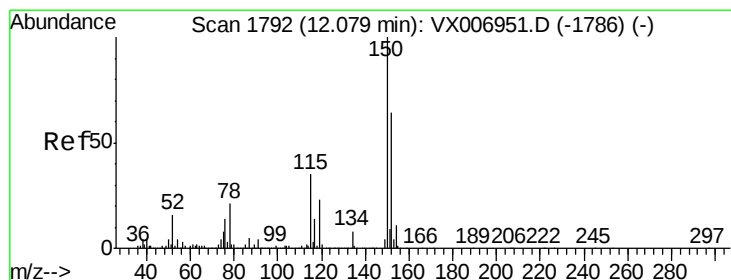
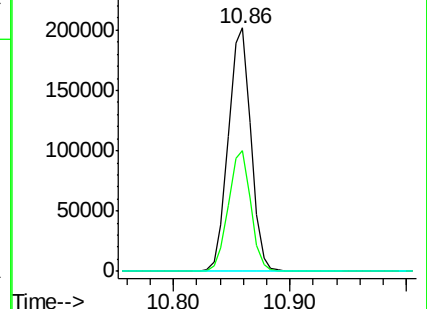
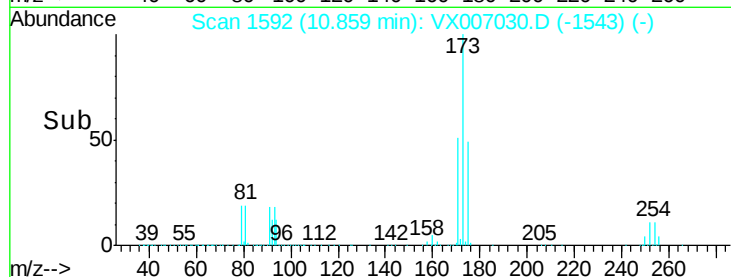
1/15/2019 11:13:37 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

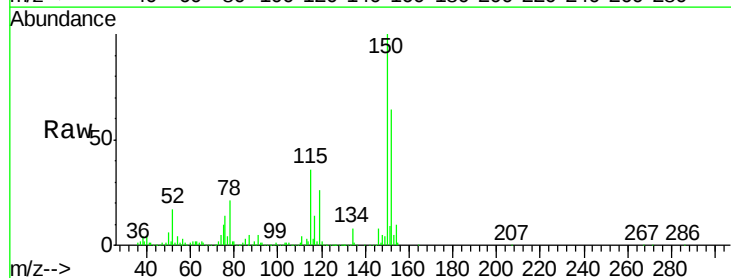
Tgt Ion:152 Resp: 459365

Ion Ratio Lower Upper

152 100

115 78.6 39.1 117.2

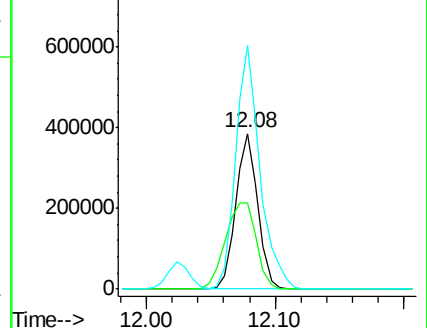
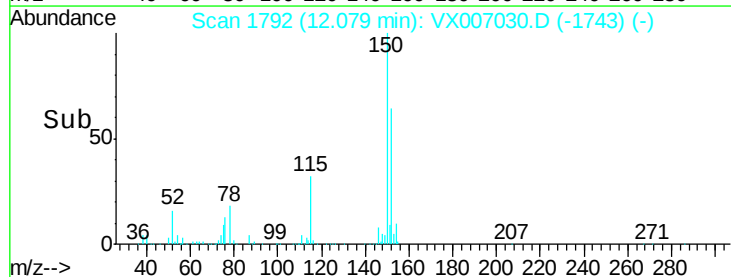
150 173.0 0.0 344.8

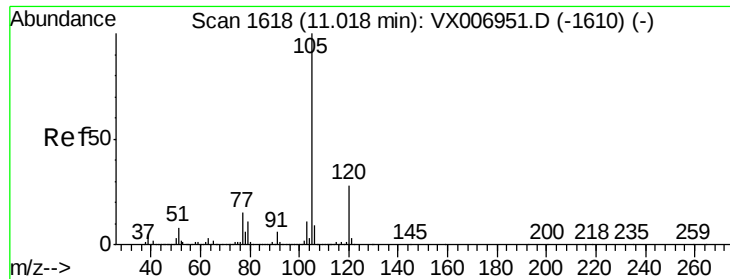


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.570 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1605647

Ion Ratio Lower Upper

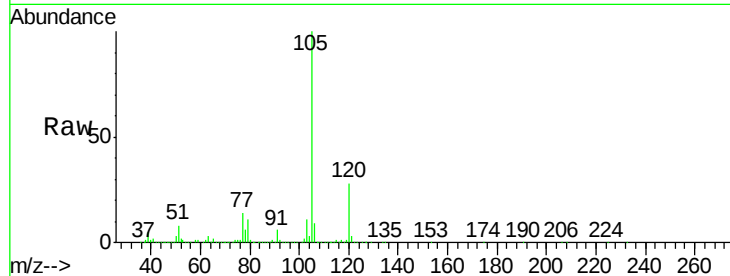
105 100

120 27.9 14.1 42.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

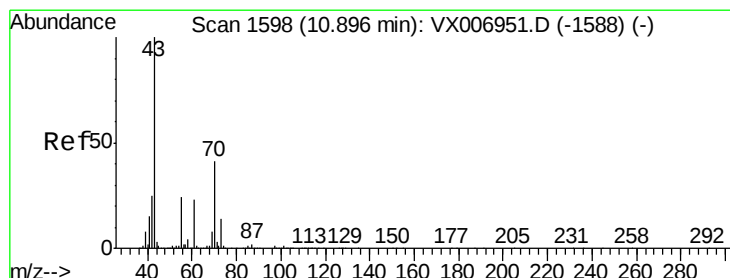
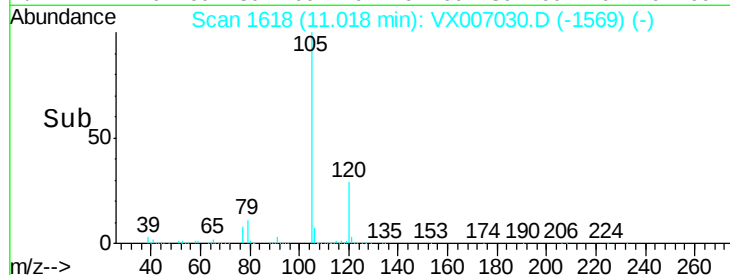
11.02

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 48.549 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion: 43 Resp: 633161

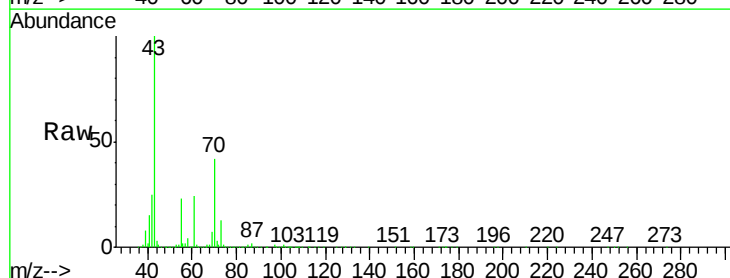
Ion Ratio Lower Upper

43 100

70 42.5 35.8 53.8

55 23.5 19.4 29.0

61 24.2 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

800000

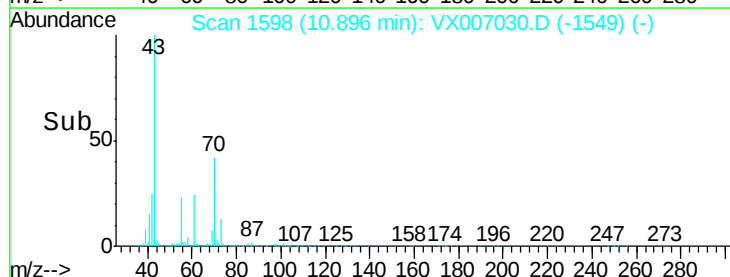
600000

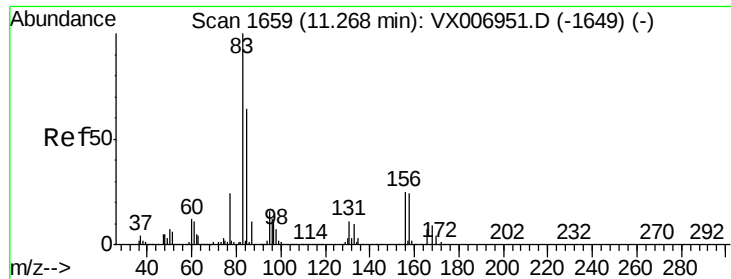
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.723 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

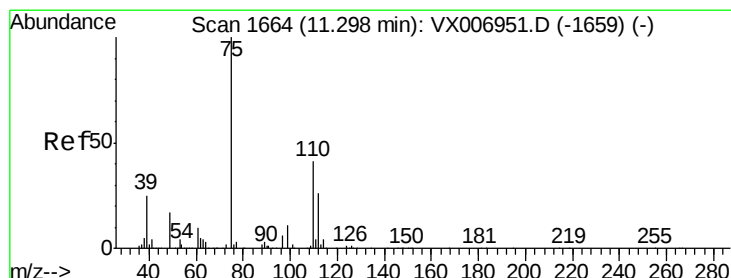
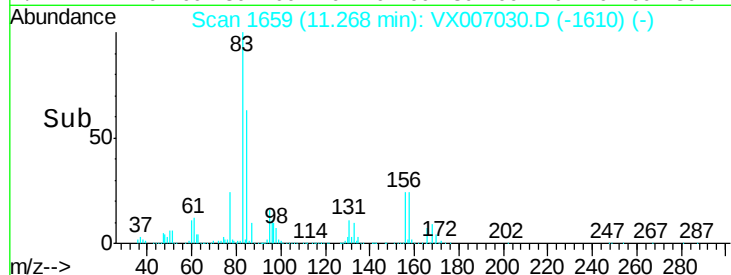
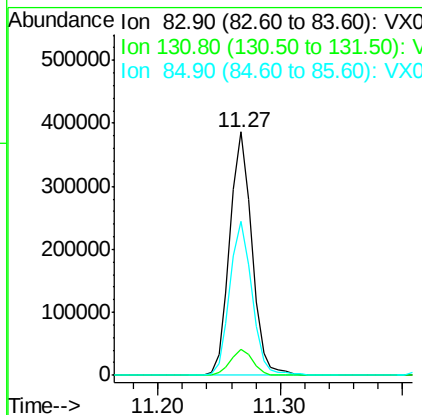
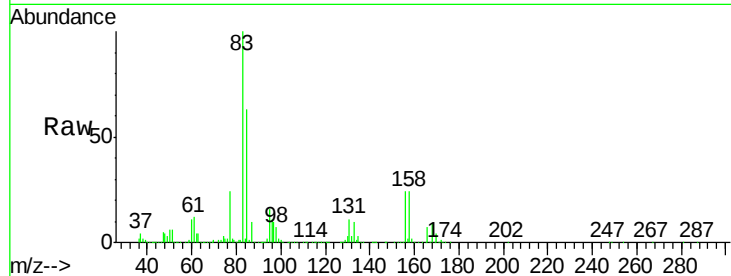
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	480465
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.1
85	63.8	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.172 ug/l m

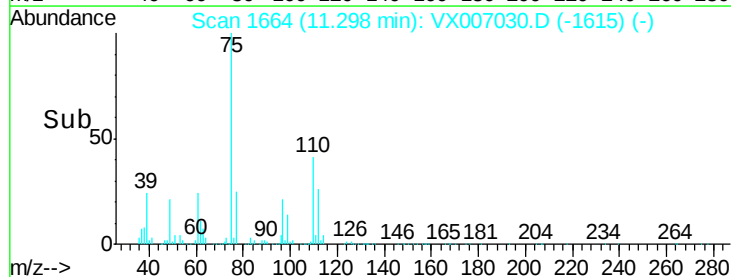
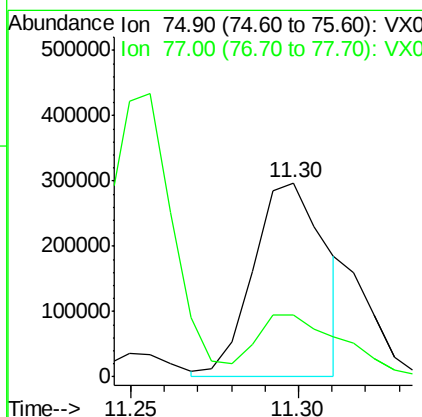
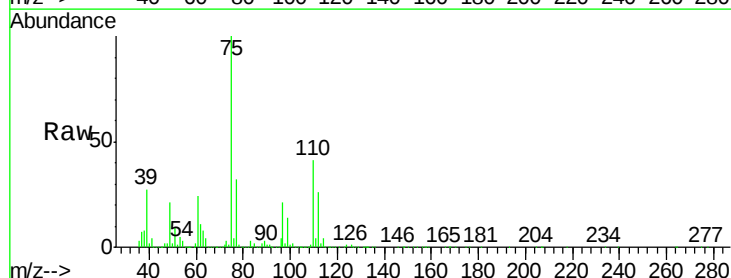
RT: 11.30 min Scan# 1664

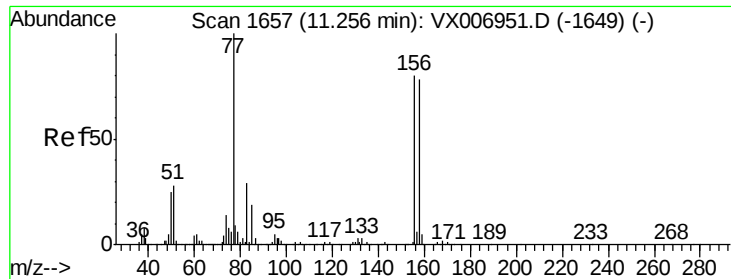
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	75	Resp:	448427
Ion Ratio	Lower	Upper	
75	100		
77	38.1	18.5	55.5





#77

Bromobenzene

Concen: 48.573 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

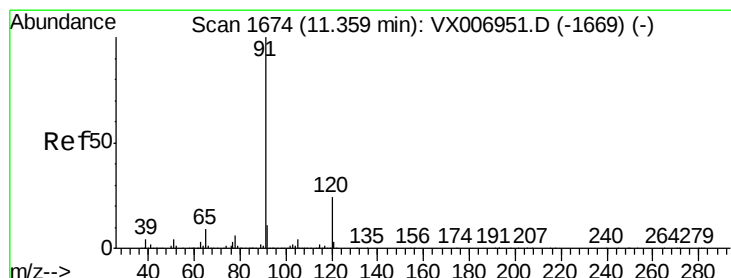
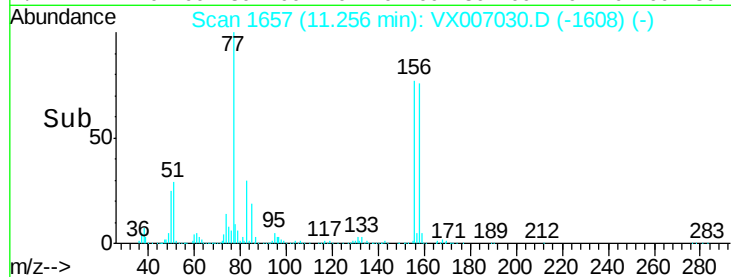
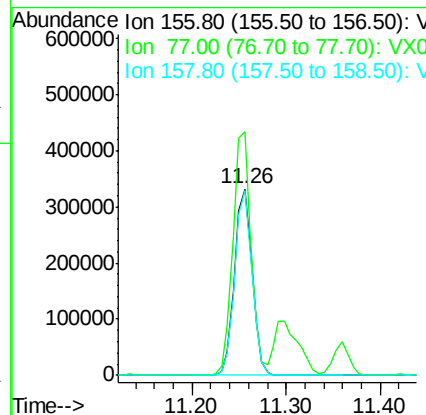
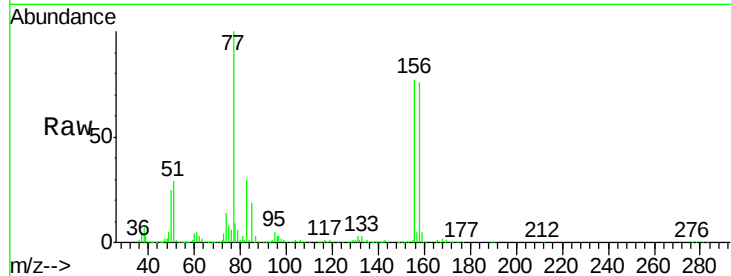
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.9	68.0	204.0
158	97.5	48.3	144.8

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#78

n-propylbenzene

Concen: 51.634 ug/l

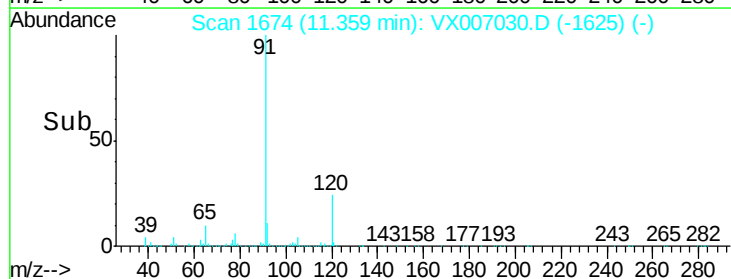
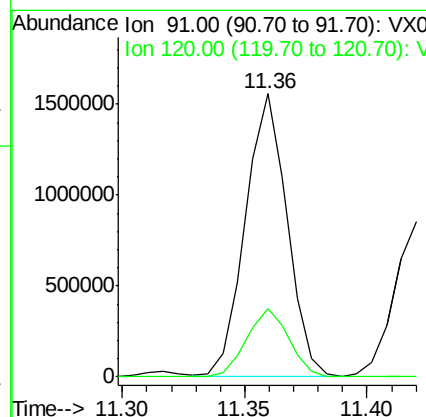
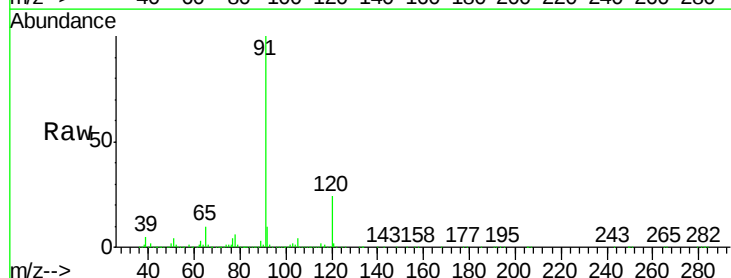
RT: 11.36 min Scan# 1674

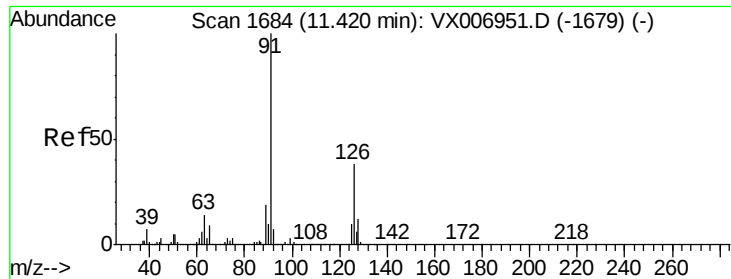
Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.7	38.0





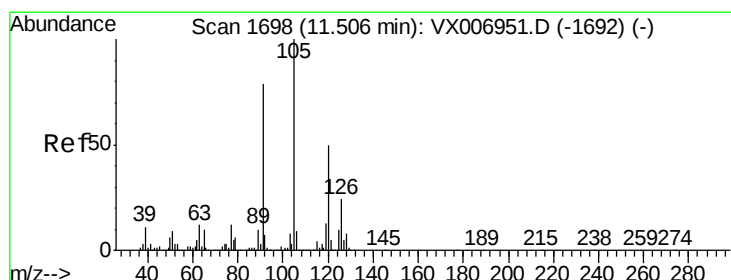
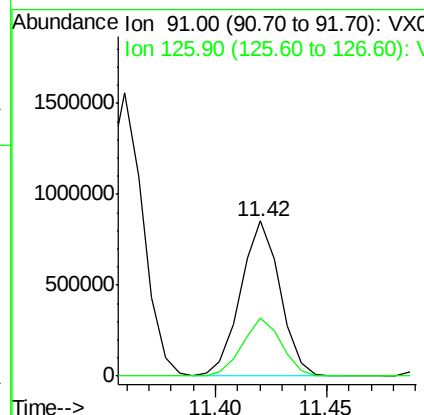
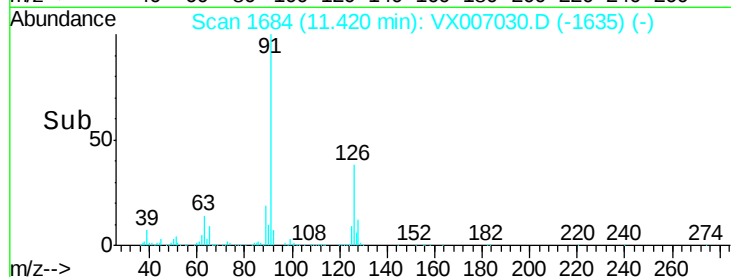
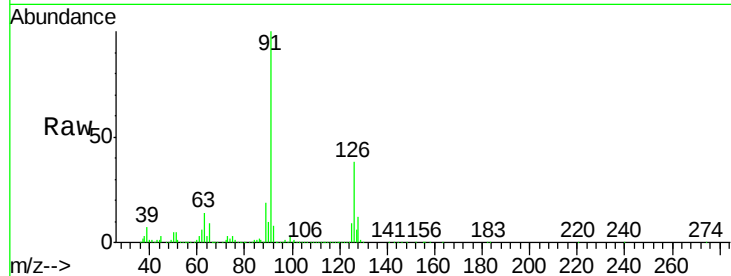
#79
 2-Chlorotoluene
 Concen: 49.029 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 1049473
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.6 56.0

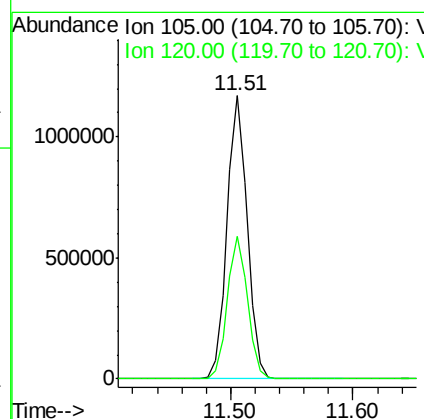
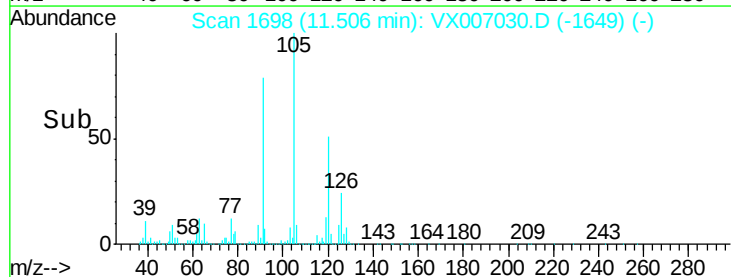
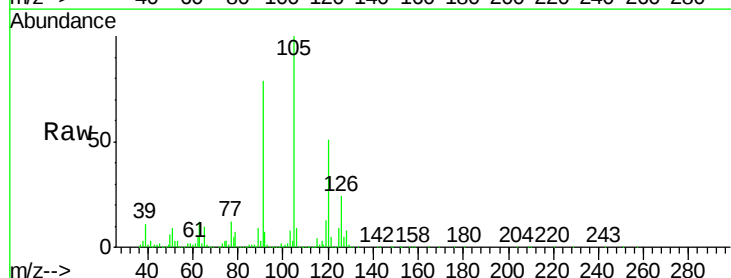
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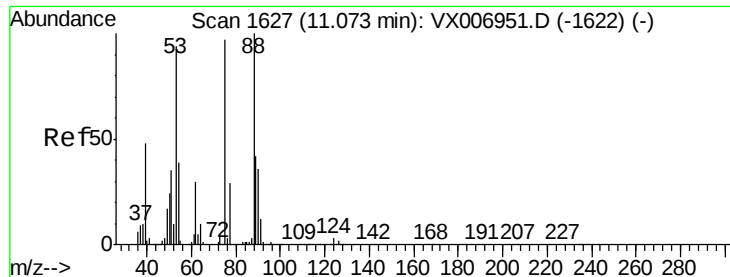
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.489 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Tgt Ion: 105 Resp: 1339443
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.3





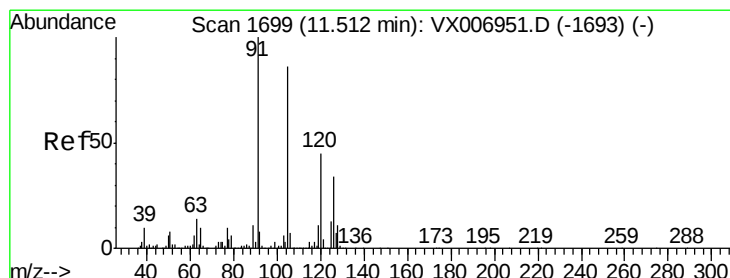
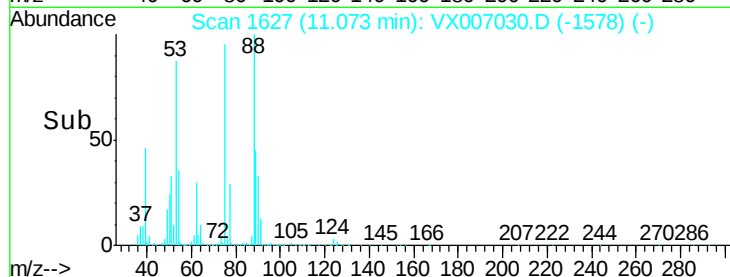
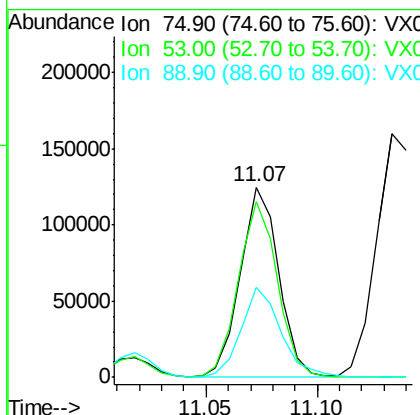
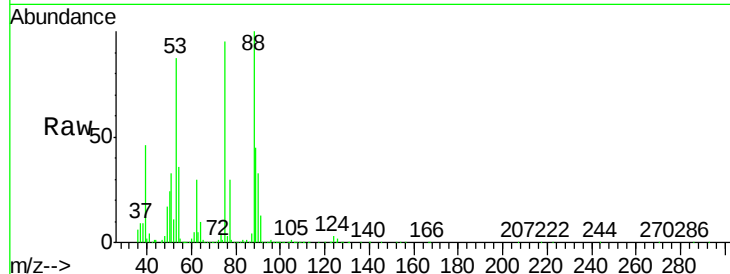
#81
trans-1,4-Dichloro-2-butene
Concen: 48.704 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	79.7	119.5
89	49.6	38.0	57.0

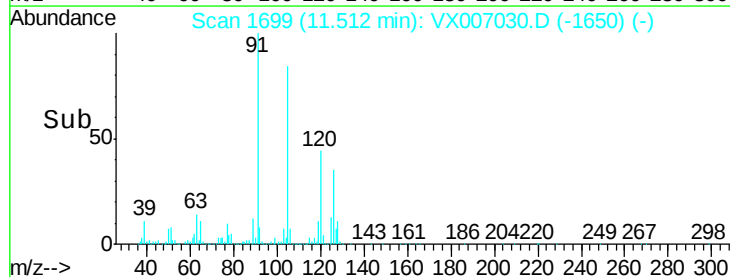
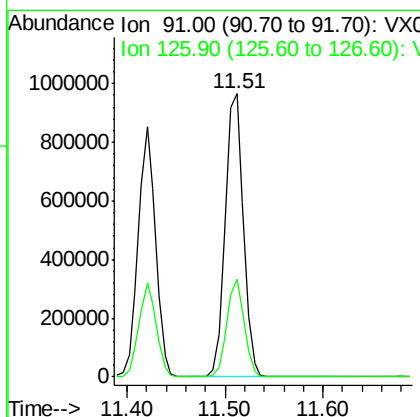
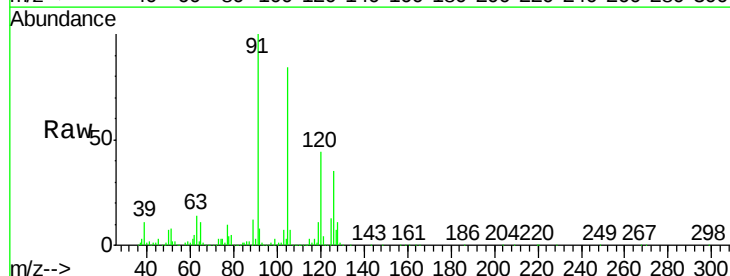
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#82
4-Chlorotoluene
Concen: 50.166 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.9





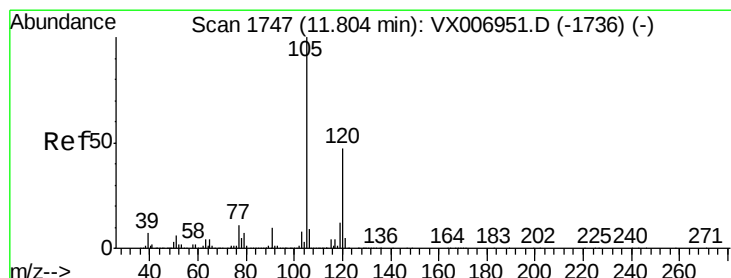
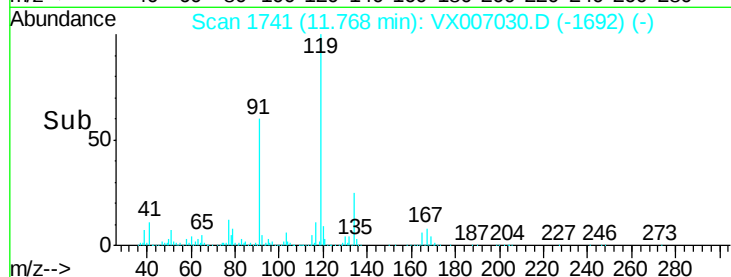
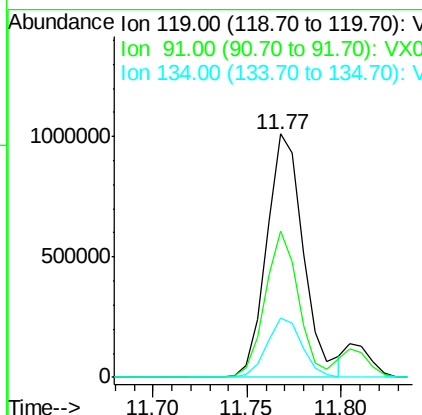
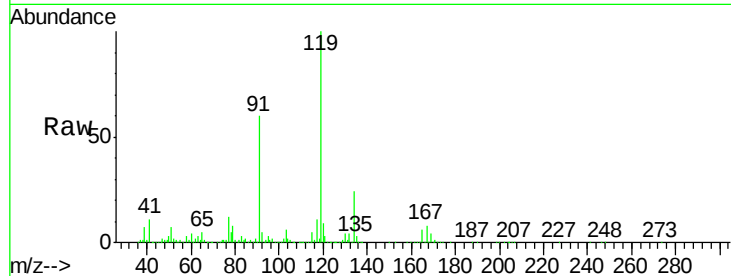
#83
 tert-Butylbenzene
 Concen: 50.666 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1368182
 Ion Ratio Lower Upper
 119 100
 91 54.4 27.7 83.1
 134 23.1 11.9 35.5

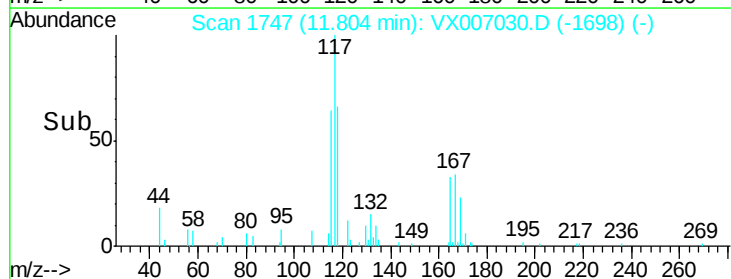
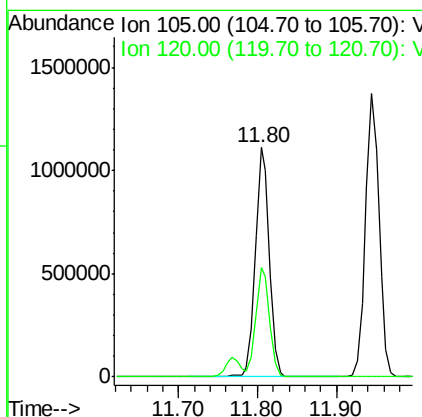
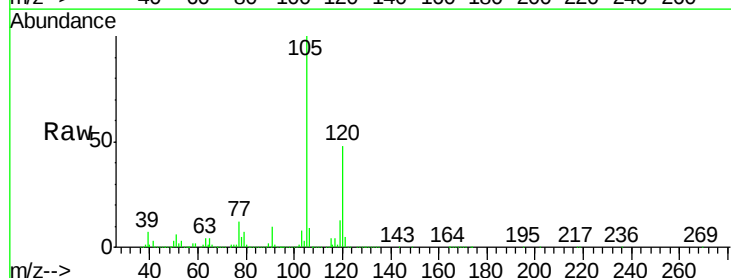
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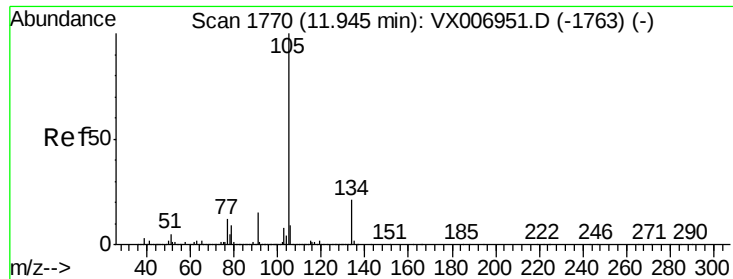
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.358 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Tgt Ion:105 Resp: 1370597
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.825 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1639130

Ion Ratio Lower Upper

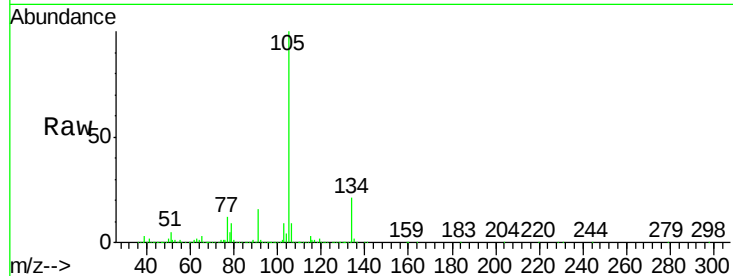
105 100

134 21.4 10.7 31.9

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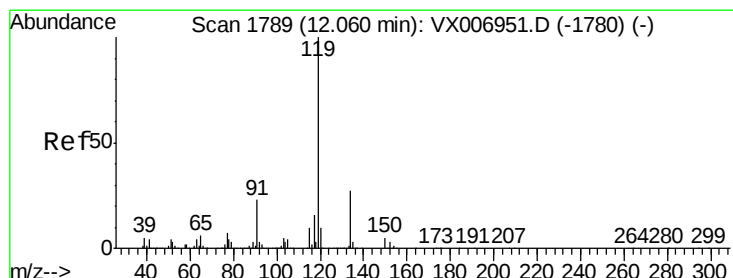
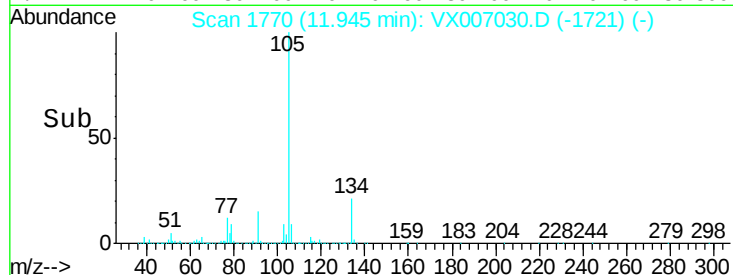
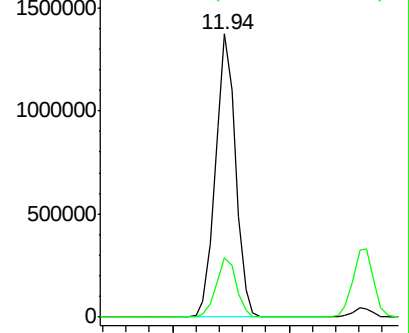
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.139 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

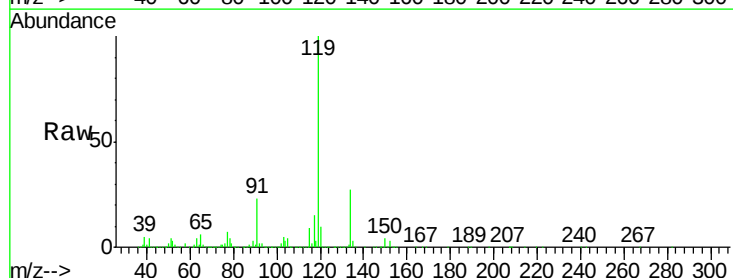
Tgt Ion:119 Resp: 1475201

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

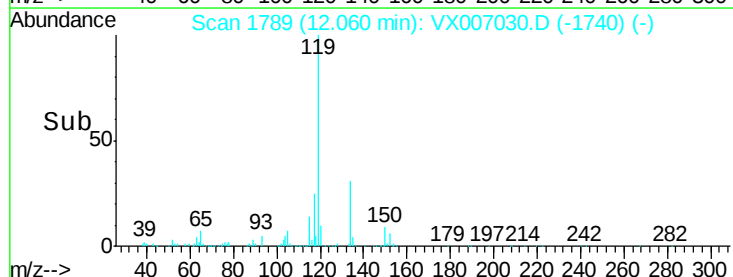
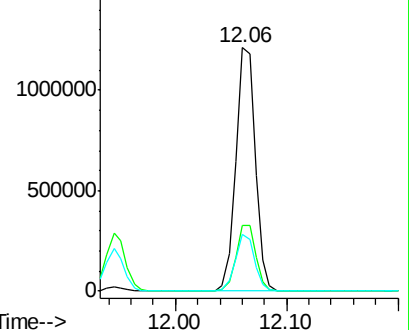
91 22.7 11.3 33.9



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): VX0





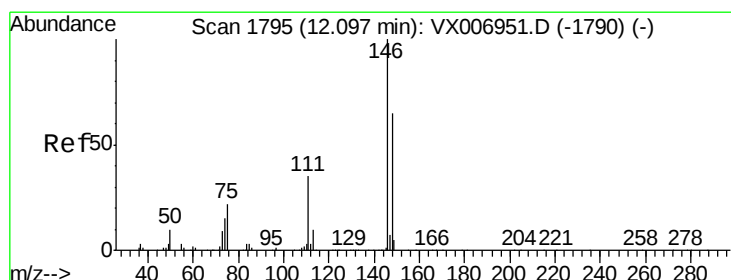
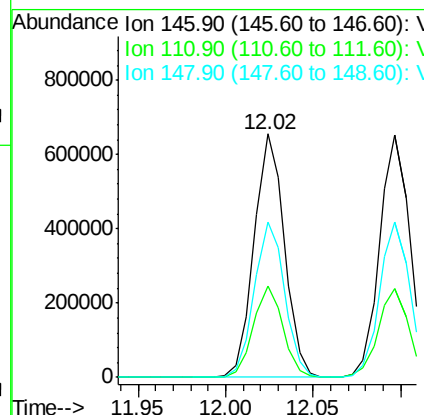
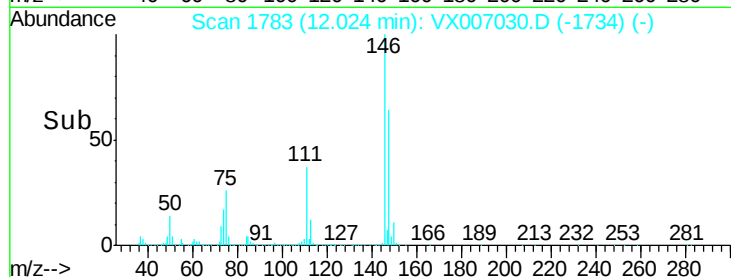
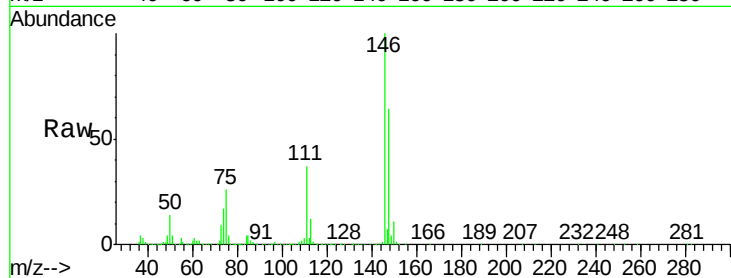
#87
 1,3-Dichlorobenzene
 Concen: 48.993 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	64.0	31.8	95.3

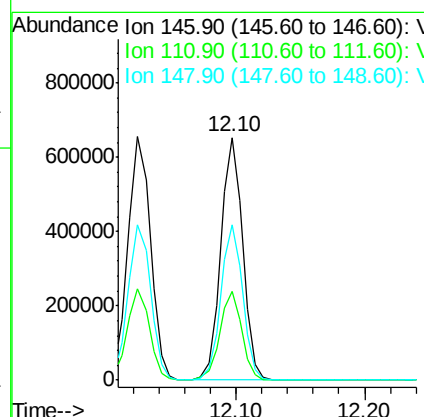
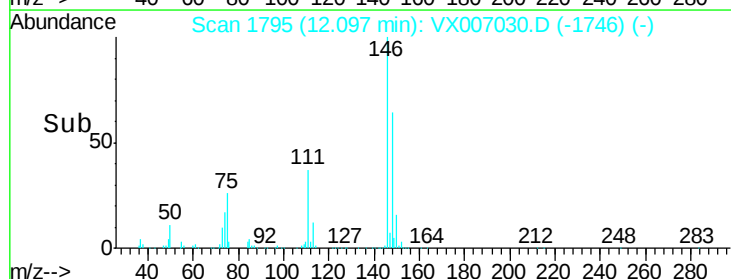
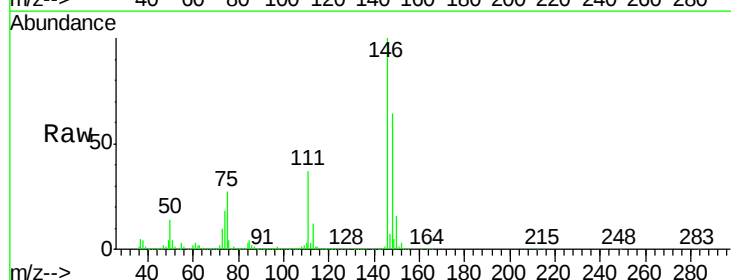
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#88
 1,4-Dichlorobenzene
 Concen: 51.342 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	63.9	31.9	95.9





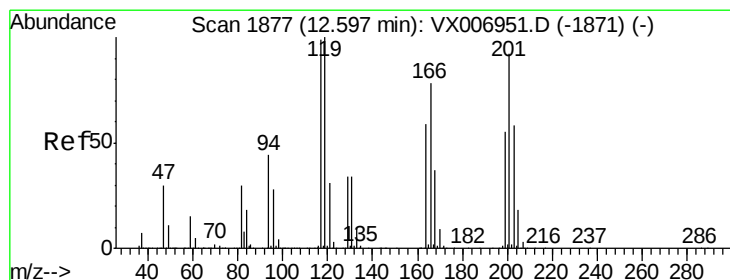
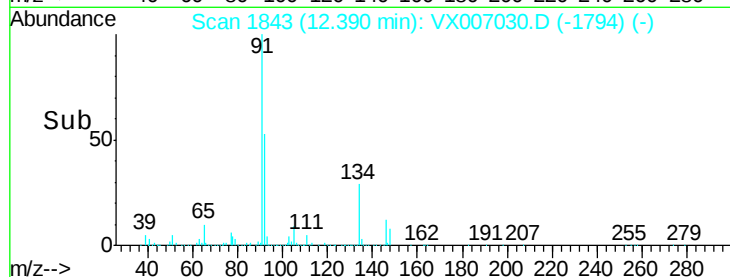
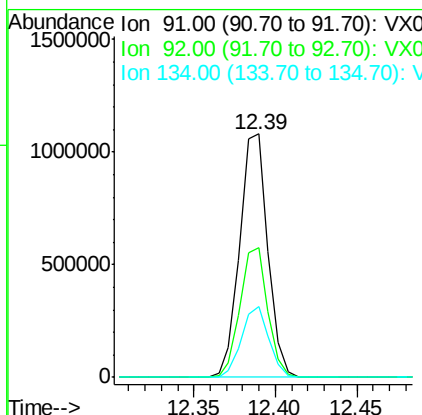
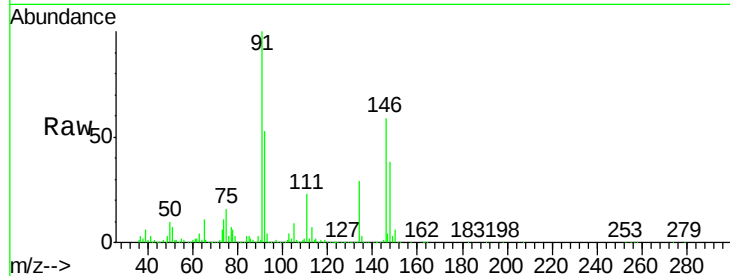
#89
n-Butylbenzene
Concen: 52.850 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.4
134	28.2	14.4	43.2

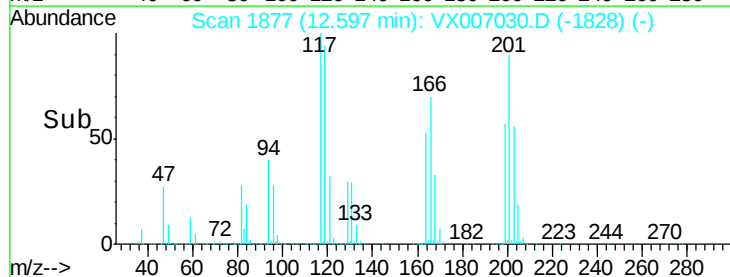
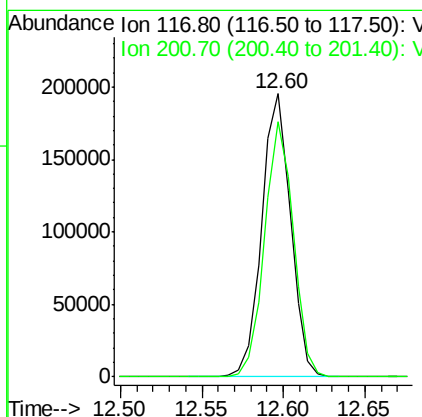
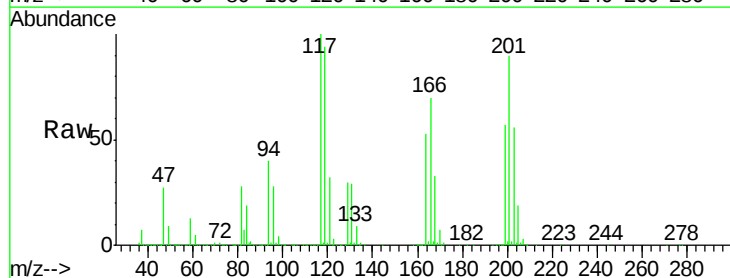
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#90
Hexachloroethane
Concen: 52.028 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007030.D
Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	42.9	128.7





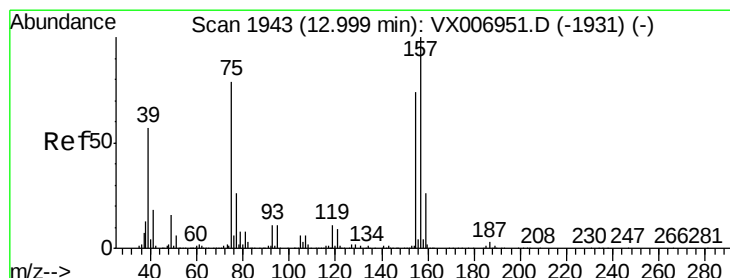
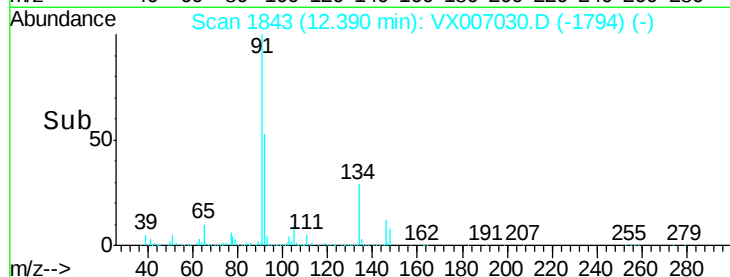
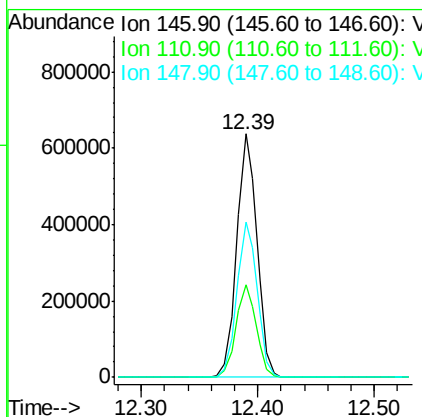
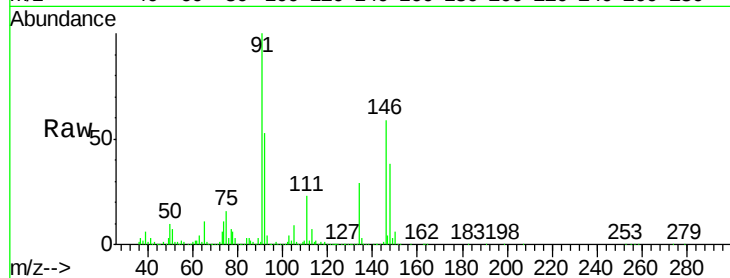
#91
 1,2-Dichlorobenzene
 Concen: 48.632 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	64.2	32.3	96.9

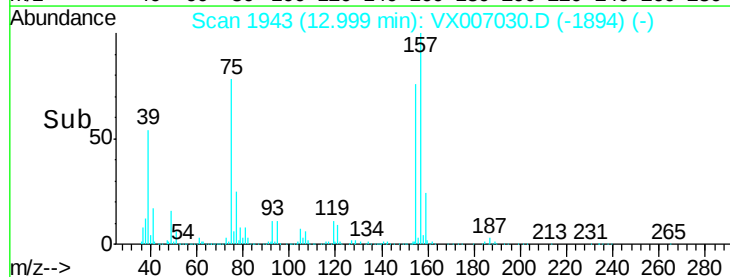
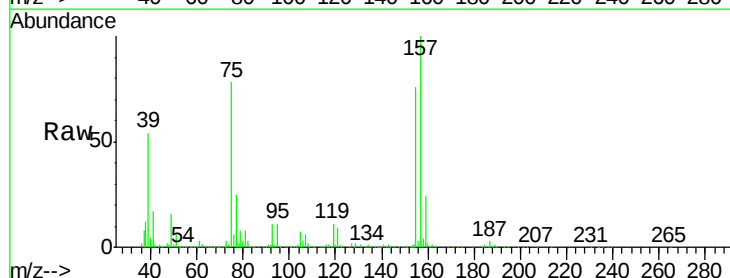
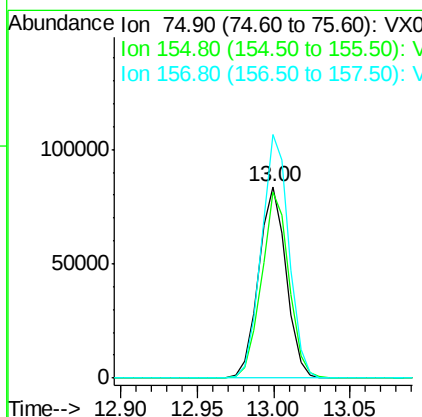
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.638 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007030.D
 Acq: 14 Jan 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	50.6	151.8
157	127.7	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 52.037 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

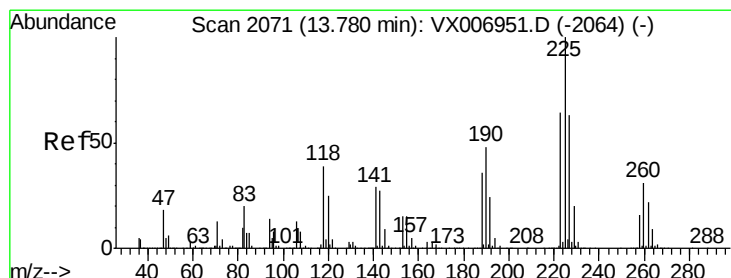
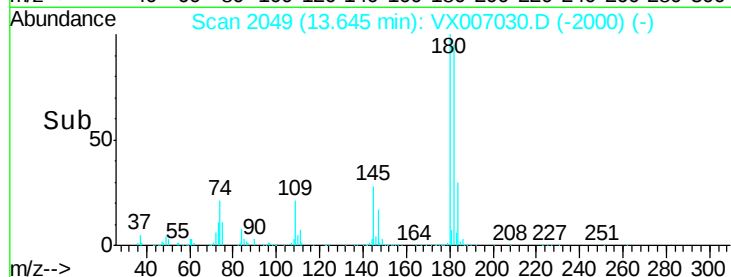
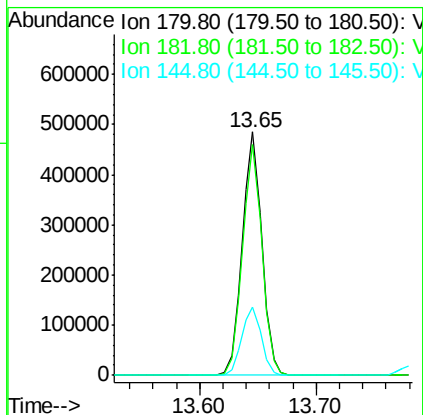
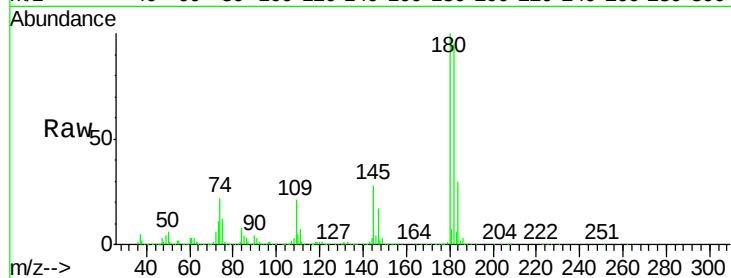
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	568362
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.3	142.0
145	28.3	14.8	44.3

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#94

Hexachlorobutadiene

Concen: 53.667 ug/l

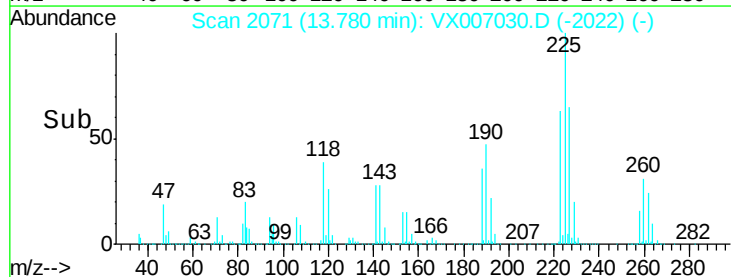
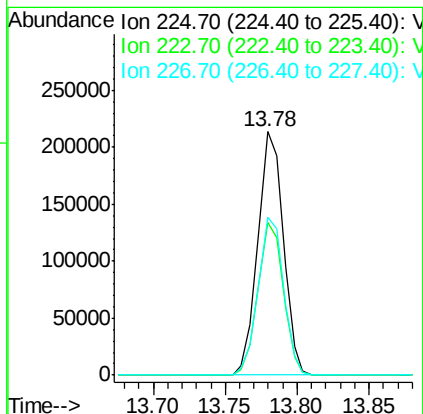
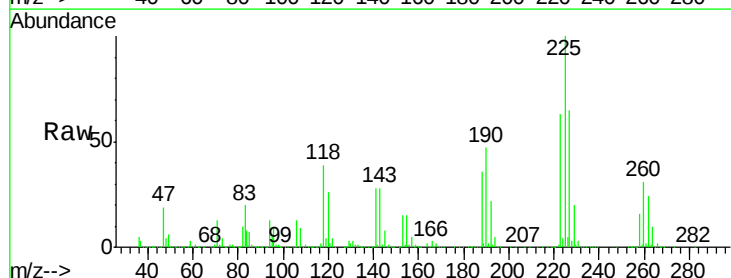
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Tgt Ion:	225	Resp:	260118
Ion Ratio	Lower	Upper	
225	100		
223	62.9	32.1	96.3
227	64.8	32.3	96.8





#95

Naphthalene

Concen: 49.042 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1623141

Ion Ratio Lower Upper

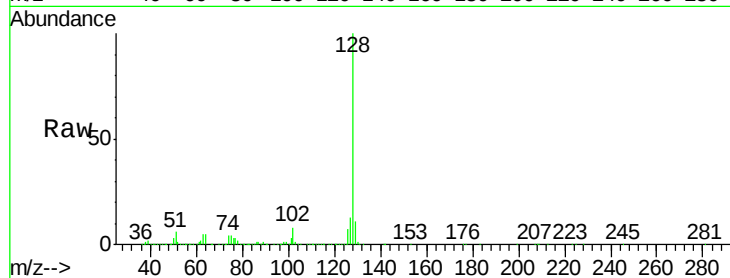
128 100

127 13.0 10.1 15.1

129 11.1 8.6 13.0

Manual Integrations
APPROVED

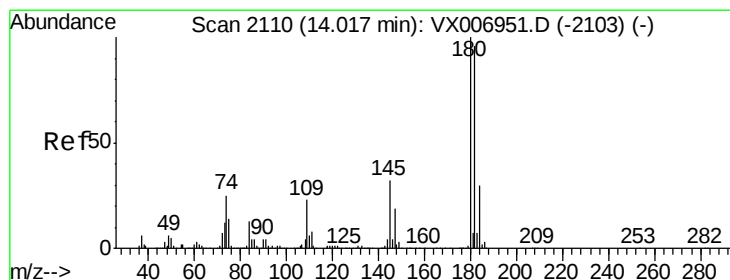
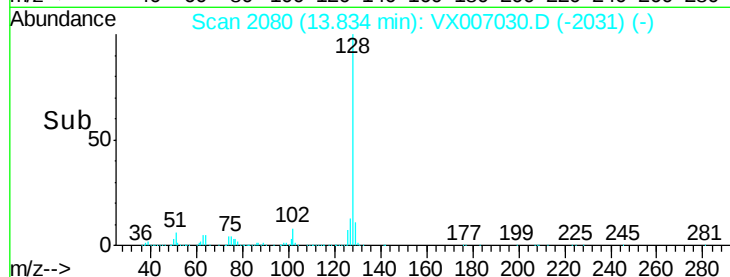
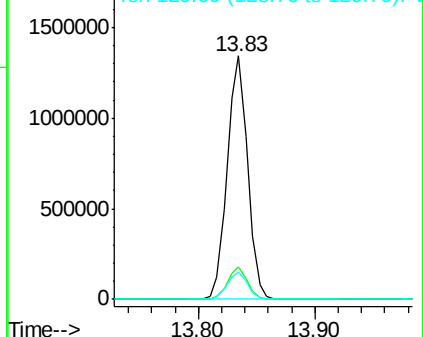
MMDadoda
1/15/2019 11:13:37 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.676 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007030.D

Acq: 14 Jan 2019 10:56

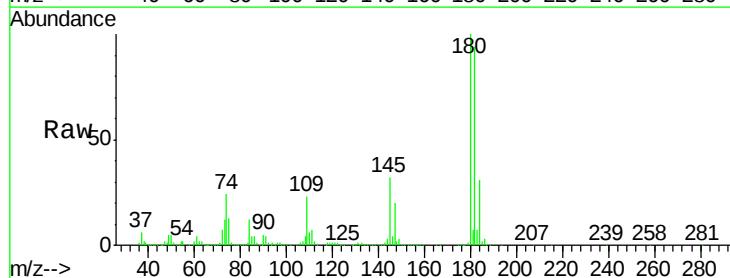
Tgt Ion:180 Resp: 549833

Ion Ratio Lower Upper

180 100

182 95.8 48.5 145.5

145 30.4 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

