

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007065.D
 Acq On : 15 Jan 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:20:07 AM

Quant Time: Jan 16 00:59:25 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	515649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	707045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	272315	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	250127	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	915151	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.14	95	320875	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	221903	52.404	ug/l	97
3) Chloromethane	1.32	50	240790	48.847	ug/l	99
4) Vinyl Chloride	1.41	62	258956	48.835	ug/l	98
5) Bromomethane	1.64	94	260150	45.919	ug/l	97
6) Chloroethane	1.71	64	171667	46.364	ug/l	98
7) Trichlorofluoromethane	1.92	101	424502	49.545	ug/l	96
8) Diethyl Ether	2.19	74	165456	48.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	249557	48.651	ug/l	99
10) Methyl Iodide	2.51	142	380919	55.052	ug/l	100
11) Tert butyl alcohol	3.08	59	308494	242.675	ug/l	98
12) 1,1-Dichloroethene	2.37	96	231221	48.789	ug/l	98
13) Acrolein	2.30	56	149499	272.400	ug/l	100
14) Allyl chloride	2.73	41	406579	50.058	ug/l	99
15) Acrylonitrile	3.15	53	735275	251.956	ug/l	100
16) Acetone	2.45	43	636786	239.022	ug/l	100
17) Carbon Disulfide	2.57	76	541824	44.406	ug/l	99
18) Methyl Acetate	2.78	43	406415	52.677	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	833458	50.669	ug/l	99
20) Methylene Chloride	2.85	84	266396	52.602	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	248312	47.017	ug/l	100
22) Diisopropyl ether	3.87	45	767438	50.260	ug/l	95
23) Vinyl Acetate	3.82	43	3196373	248.222	ug/l	100
24) 1,1-Dichloroethane	3.70	63	420251	49.220	ug/l	99
25) 2-Butanone	4.70	43	944219	247.697	ug/l	98
26) 2,2-Dichloropropane	4.59	77	310752	47.331	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	282003	48.409	ug/l	99
28) Bromochloromethane	5.02	49	177013	47.319	ug/l	96
29) Tetrahydrofuran	5.15	42	614895	248.210	ug/l	98
30) Chloroform	5.22	83	447327	50.040	ug/l	99
31) Cyclohexane	5.57	56	369500	48.623	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	380947	50.276	ug/l	98
36) 1,1-Dichloropropene	5.80	75	317400	47.188	ug/l	100
37) Ethyl Acetate	4.85	43	359070	49.794	ug/l	98
38) Carbon Tetrachloride	5.78	117	329187	48.643	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401191	46.786	ug/l	99
40) Benzene	6.14	78	992033	48.336	ug/l	99
41) Methacrylonitrile	5.06	41	194247	46.759	ug/l	98
42) 1,2-Dichloroethane	6.20	62	339728	47.901	ug/l	100
43) Isopropyl Acetate	6.46	43	566777	49.828	ug/l	98
44) Trichloroethene	7.21	130	288623	46.929	ug/l	95
45) 1,2-Dichloropropane	7.51	63	256908	49.791	ug/l	95
46) Dibromomethane	7.66	93	179903	49.611	ug/l	98
47) Bromodichloromethane	7.90	83	317405	51.422	ug/l	98
48) Methyl methacrylate	7.77	41	292248	50.031	ug/l	97
49) 1,4-Dioxane	7.75	88	130636	979.122	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1853366	253.539	ug/l	100
52) Toluene	8.79	92	643434	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	349978	51.133	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	391351	51.775	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	276626	52.391	ug/l	98
56) Ethyl methacrylate	9.18	69	394675	51.203	ug/l	95
57) 1,3-Dichloropropane	9.37	76	436711	50.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1029535	259.775	ug/l	98
59) 2-Hexanone	9.49	43	1412661	253.591	ug/l	99
60) Dibromochloromethane	9.59	129	278734	54.365	ug/l	99
61) 1,2-Dibromoethane	9.67	107	292828	50.377	ug/l	100
64) Tetrachloroethene	9.34	164	279309	45.628	ug/l	97
65) Chlorobenzene	10.14	112	743304	48.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	272669	52.561	ug/l	98
67) Ethyl Benzene	10.25	91	1222925	48.037	ug/l	98
68) m/p-Xylenes	10.36	106	977745	97.481	ug/l	99
69) o-Xylene	10.70	106	475120	48.571	ug/l	99
70) Styrene	10.71	104	763596	49.288	ug/l	99
71) Bromoform	10.86	173	207337	45.177	ug/l #	98
73) Isopropylbenzene	11.02	105	1262204	49.402	ug/l	98
74) N-amyl acetate	10.90	43	505139	49.106	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391468	48.263	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	361470m	49.230	ug/l	
77) Bromobenzene	11.26	156	336516	47.802	ug/l	98
78) n-propylbenzene	11.36	91	1384905	49.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	818174	48.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1044864	48.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	108911	45.160	ug/l	98
82) 4-Chlorotoluene	11.51	91	951961	48.697	ug/l	100
83) tert-Butylbenzene	11.77	119	1048767	49.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1057299	49.250	ug/l	100
85) sec-Butylbenzene	11.94	105	1245812	48.974	ug/l	100
86) p-Isopropyltoluene	12.07	119	1126489	49.508	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	599477	47.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	599976	49.766	ug/l	99
89) n-Butylbenzene	12.39	91	959847	49.485	ug/l	99
90) Hexachloroethane	12.60	117	169603	46.883	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	592964	47.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79946	49.836	ug/l	96

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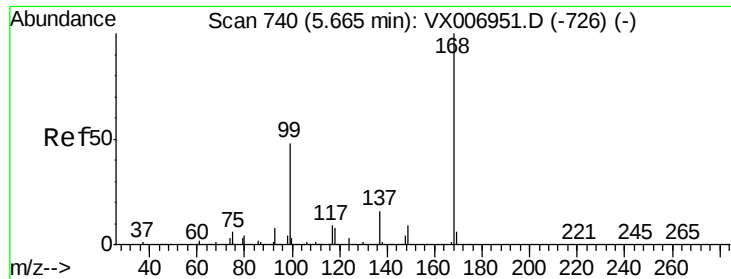
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	412432	47.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	191749	50.156	ug/l	98
95) Naphthalene	13.83	128	1297851	49.716	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	413349	48.299	ug/l	99

(#) = 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: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 515649

Ion Ratio Lower Upper

168 100

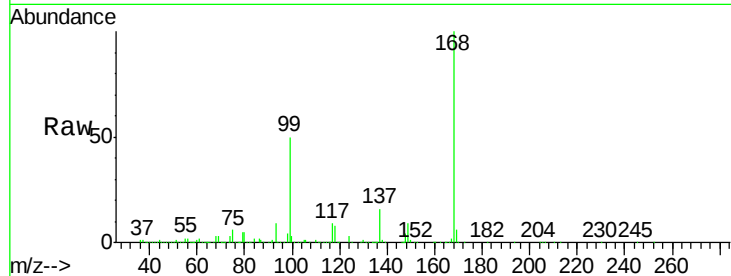
99 50.0 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

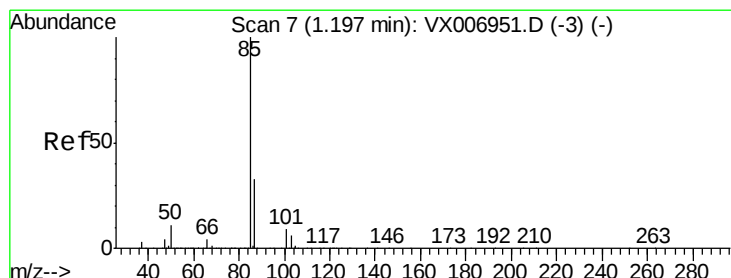
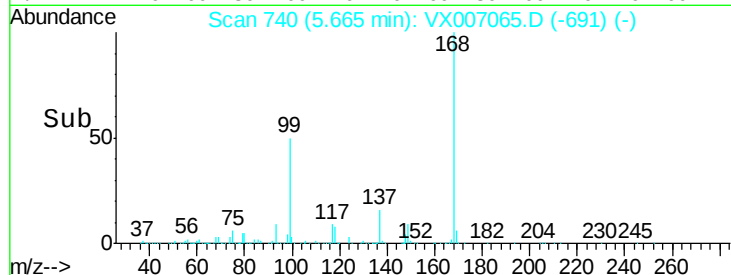
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.404 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007065.D

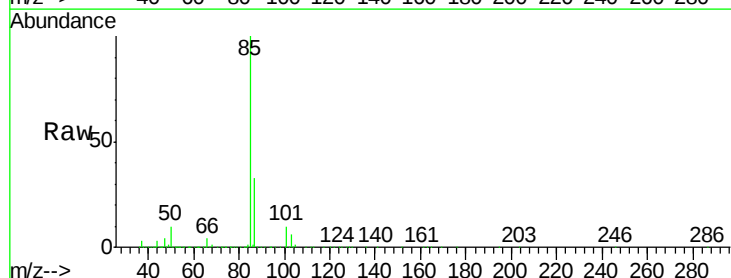
Acq: 15 Jan 2019 18:13

Tgt Ion: 85 Resp: 221903

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

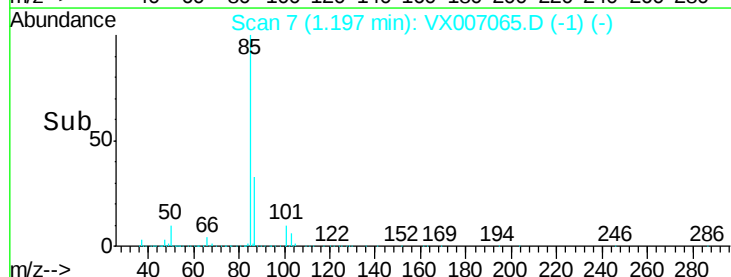
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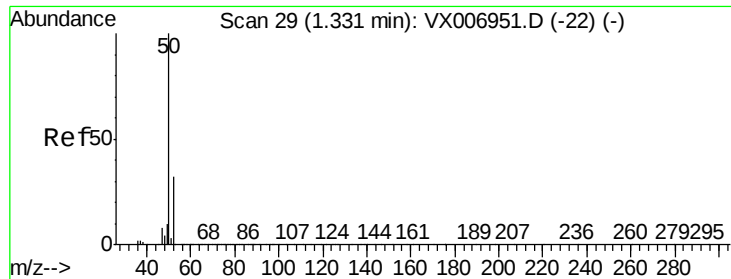
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50000

0

Time-->





#3

Chloromethane

Concen: 48.847 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 240790

Ion Ratio Lower Upper

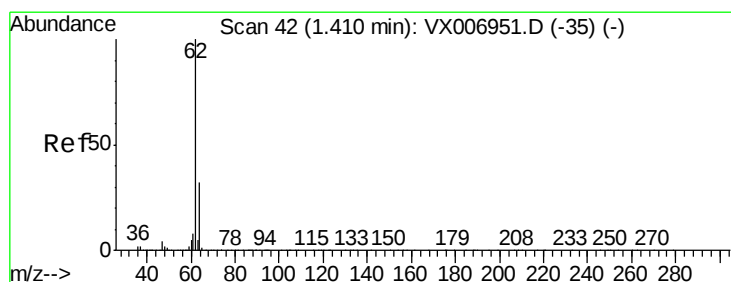
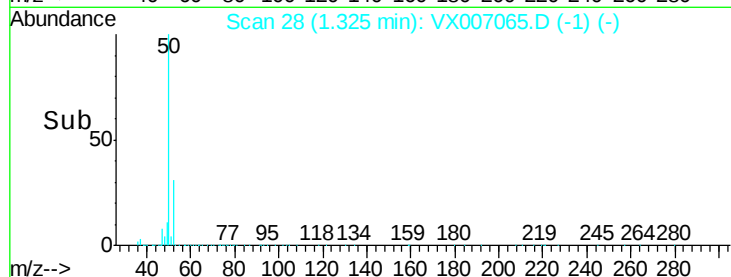
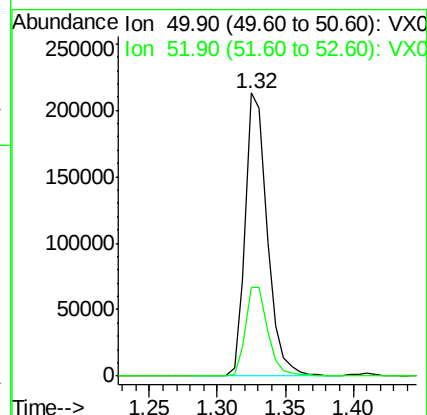
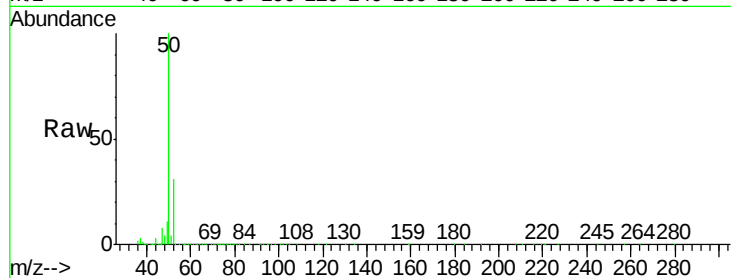
50 100

52 31.3 25.4 38.2

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#4

Vinyl Chloride

Concen: 48.835 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007065.D

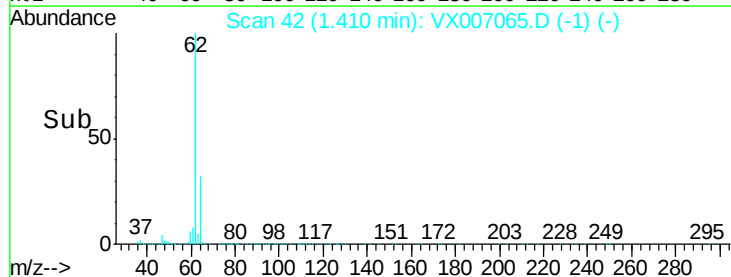
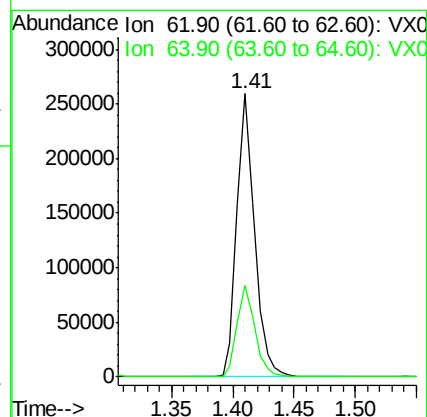
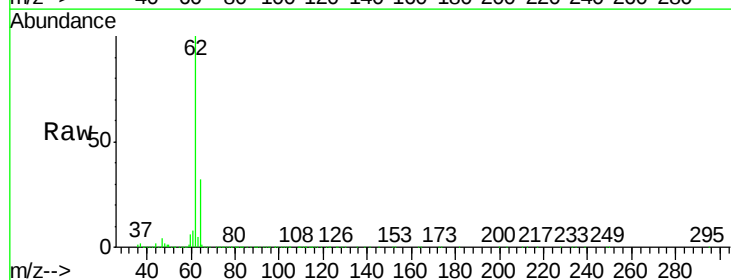
Acq: 15 Jan 2019 18:13

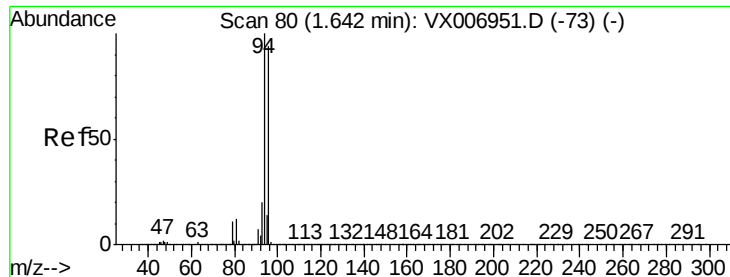
Tgt Ion: 62 Resp: 258956

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 45.919 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

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VSTDCCC050EC

Tot Ion: 94 Resp: 260150

Ion Ratio Lower Upper

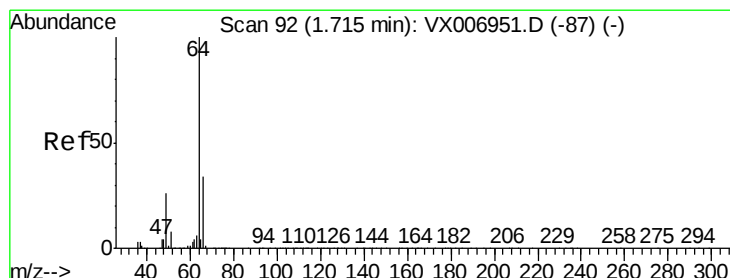
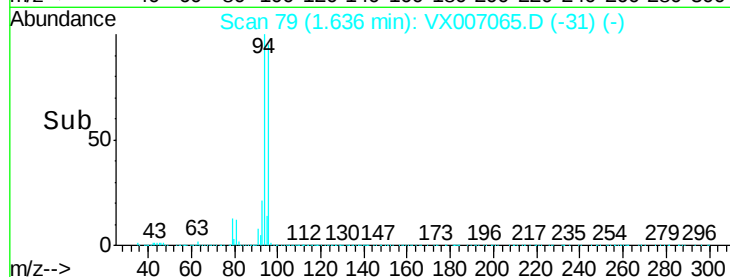
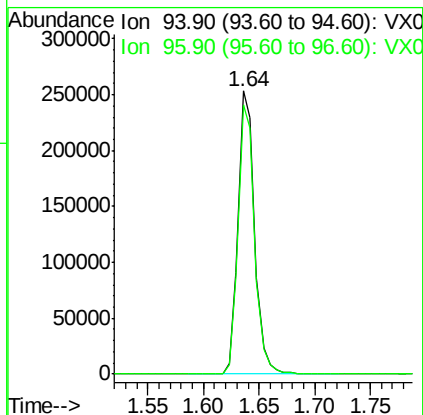
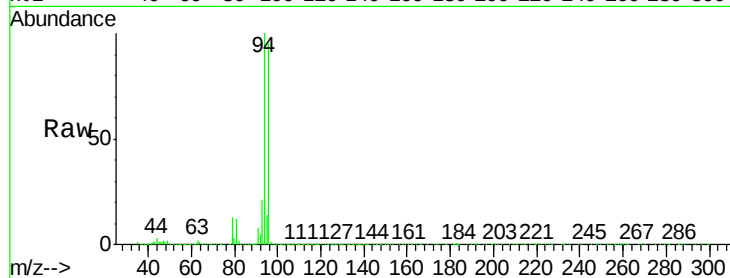
94 100

96 95.1 73.4 110.2

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#6

Chloroethane

Concen: 46.364 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007065.D

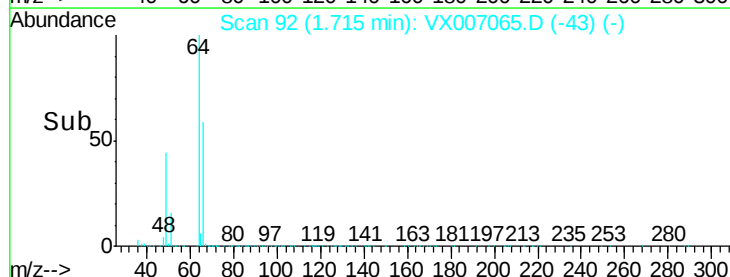
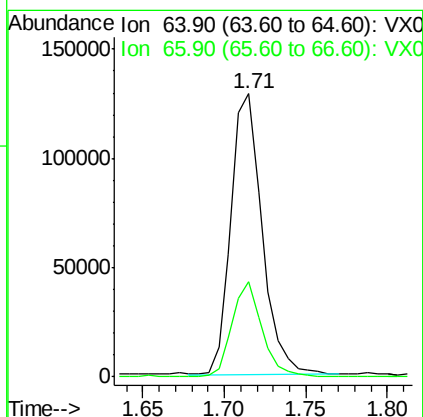
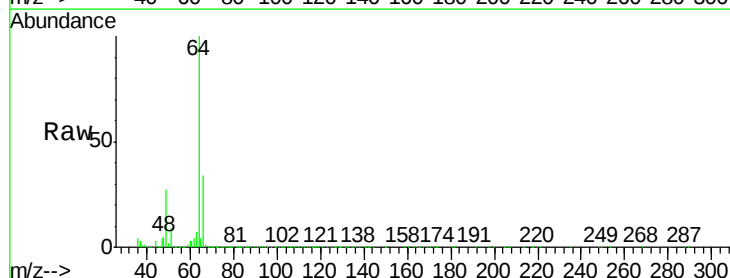
Acq: 15 Jan 2019 18:13

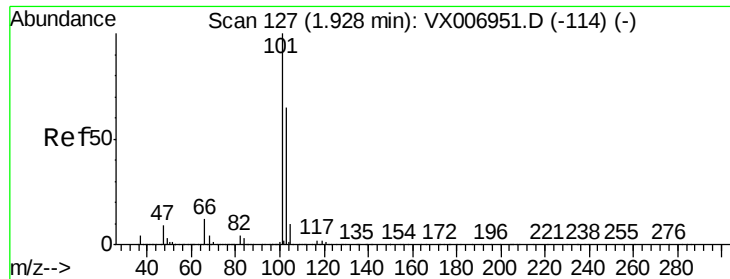
Tgt Ion: 64 Resp: 171667

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6





#7

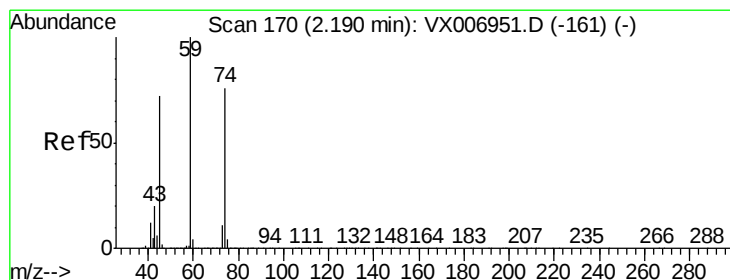
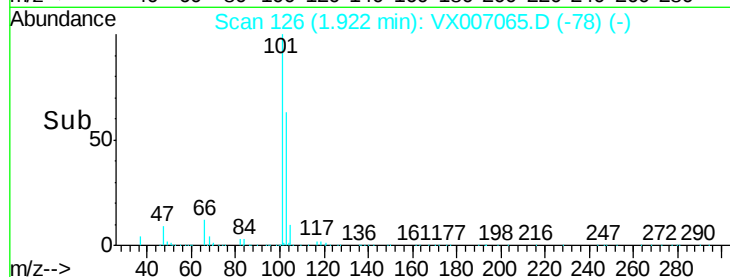
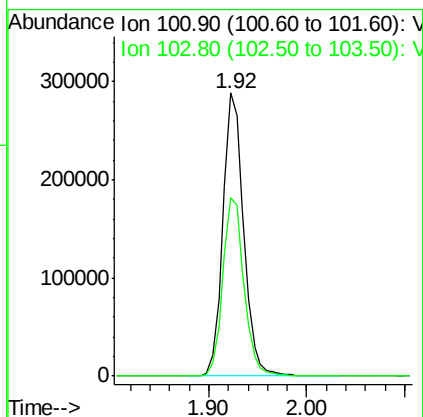
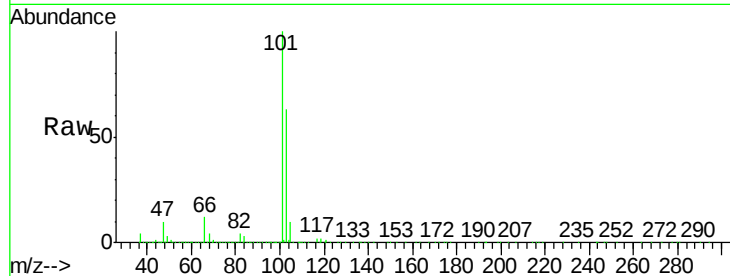
Trichlorofluoromethane
Concen: 49.545 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	53.2	79.8

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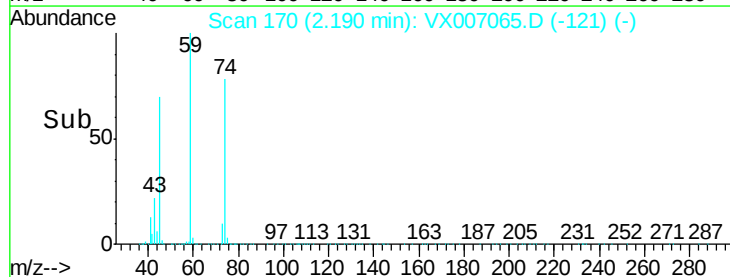
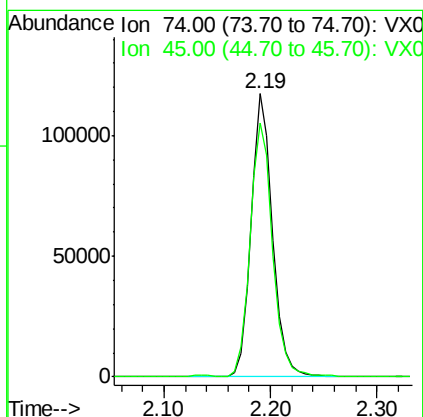
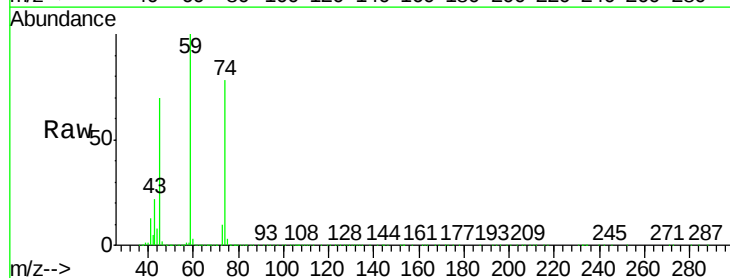
MMDadoda
1/16/2019 9:20:07 AM

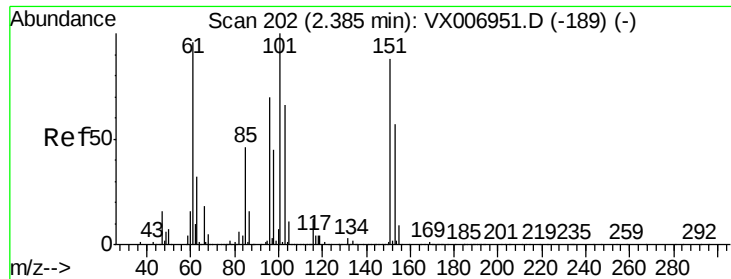


#8

Diethyl Ether
Concen: 48.540 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.651 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

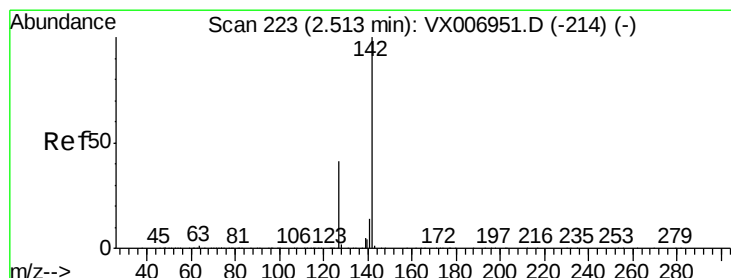
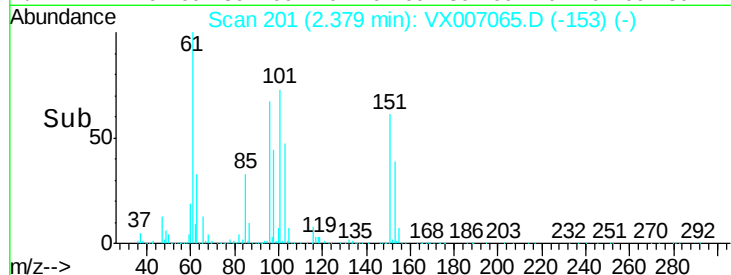
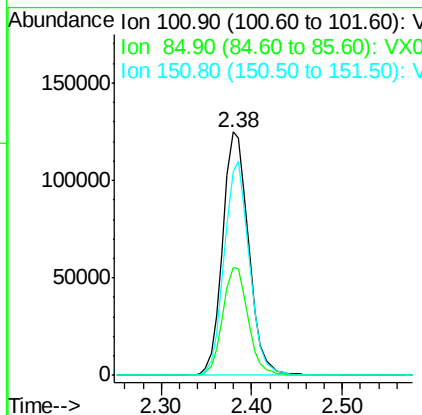
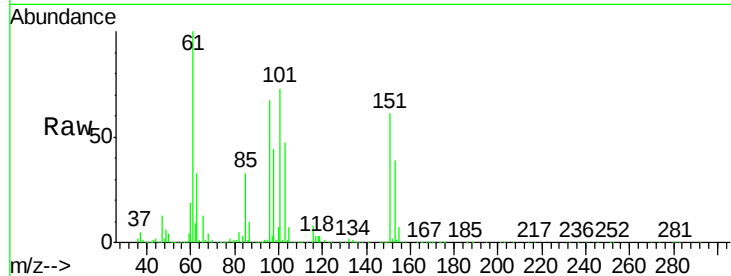
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	249557
Ion Ratio	Lower	Upper	
101	100		
85	43.0	35.1	52.7
151	85.3	68.9	103.3

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#10

Methyl Iodide

Concen: 55.052 ug/l

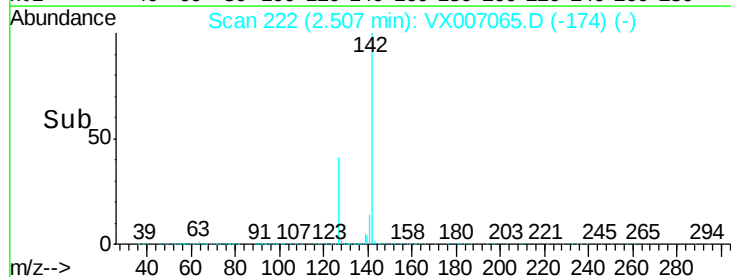
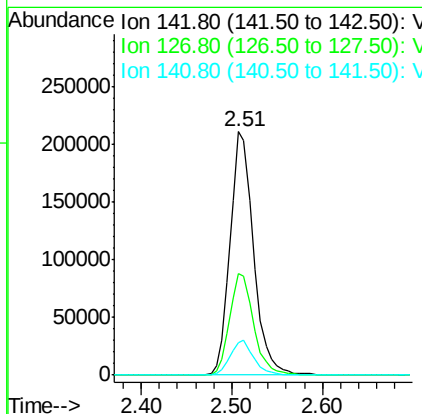
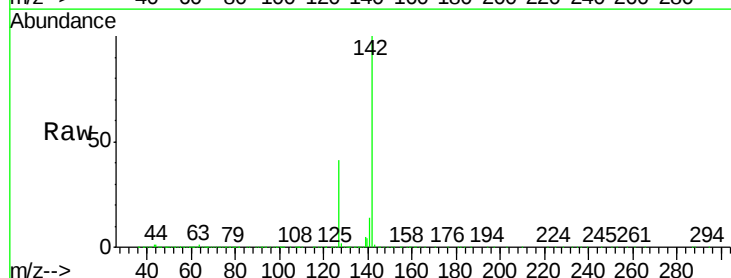
RT: 2.51 min Scan# 222

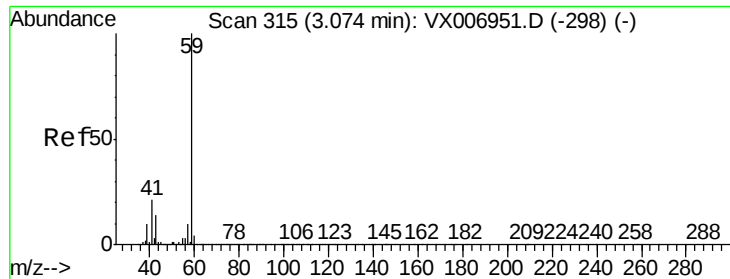
Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	142	Resp:	380919
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.3	11.4	17.0





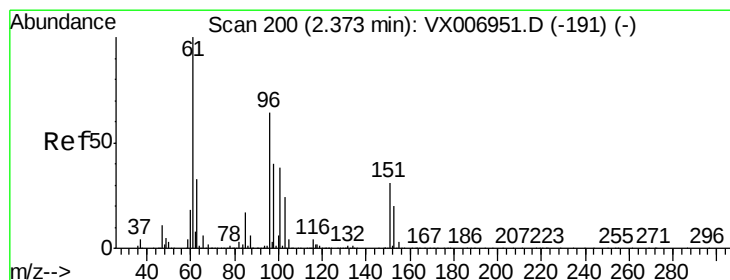
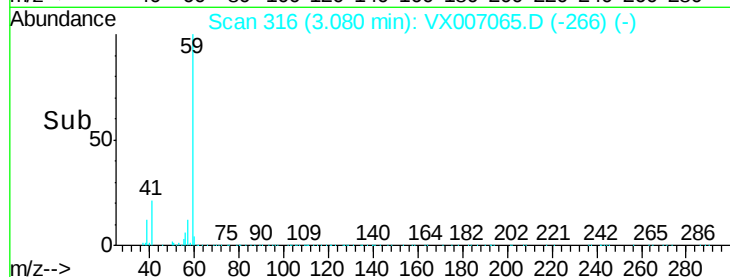
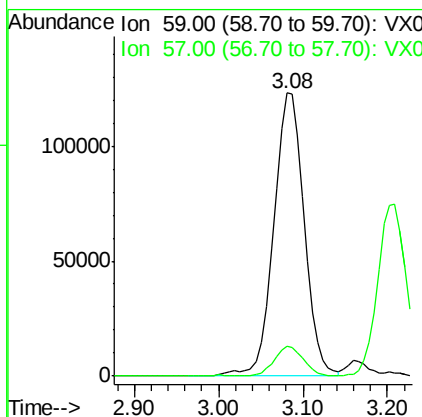
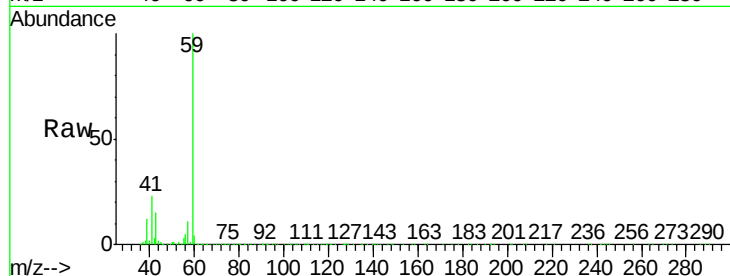
#11
Tert butyl alcohol
Concen: 242.675 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

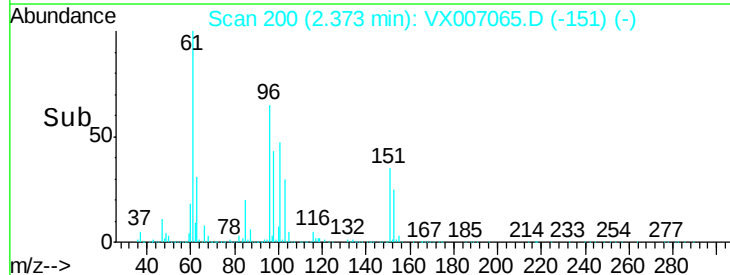
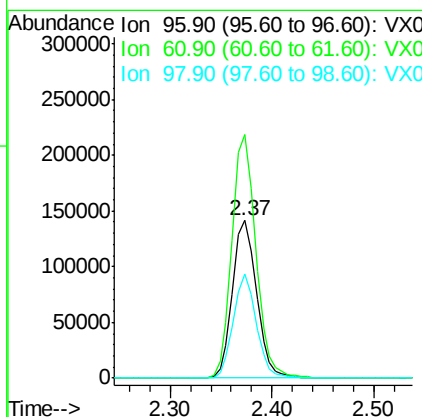
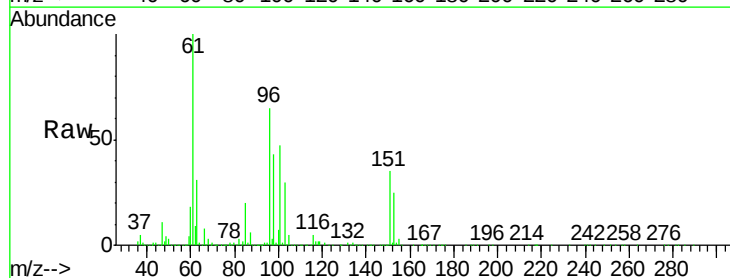
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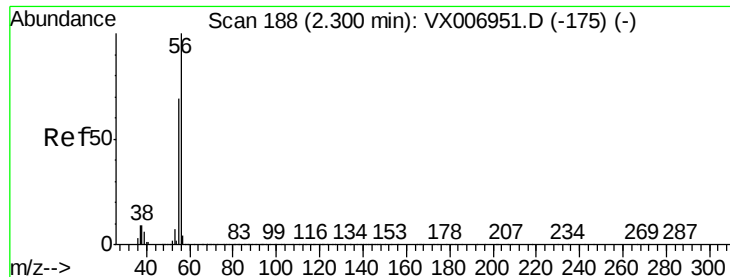
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.789 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.5	121.4	182.2
98	65.9	51.9	77.9





#13

Acrolein

Concen: 272.400 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 149499

Ion Ratio Lower Upper

56 100

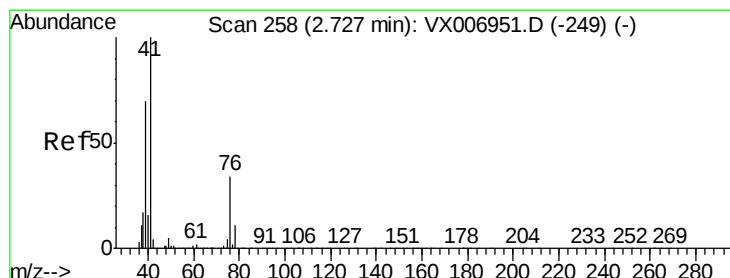
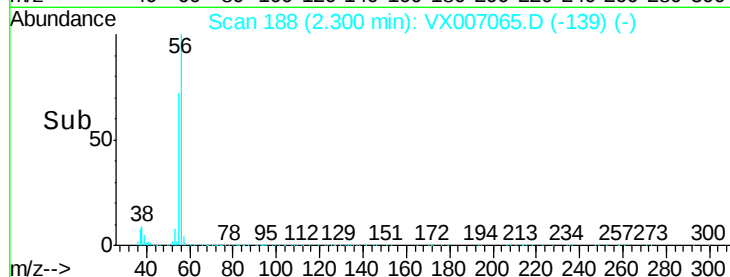
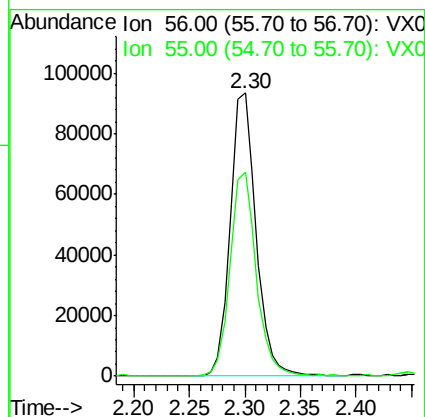
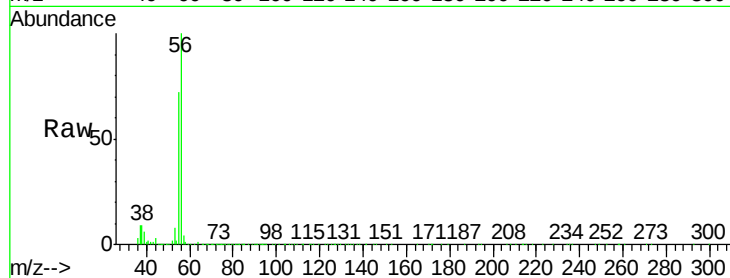
55 73.1 58.2 87.4

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#14

Allyl chloride

Concen: 50.058 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

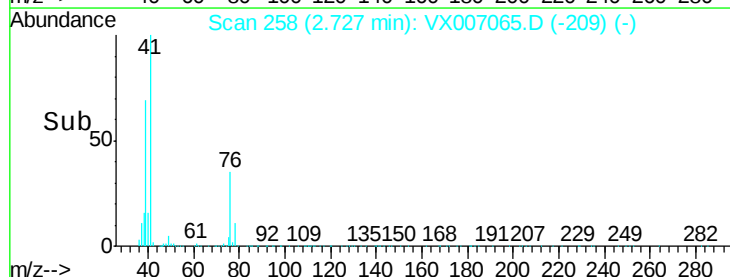
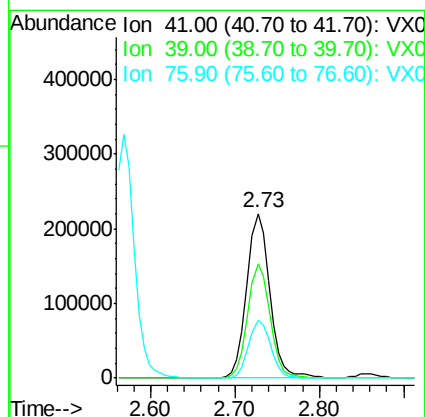
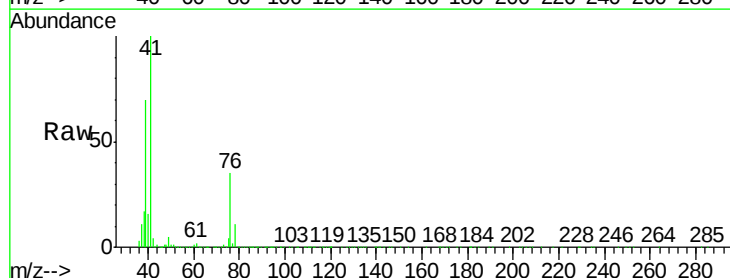
Tgt Ion: 41 Resp: 406579

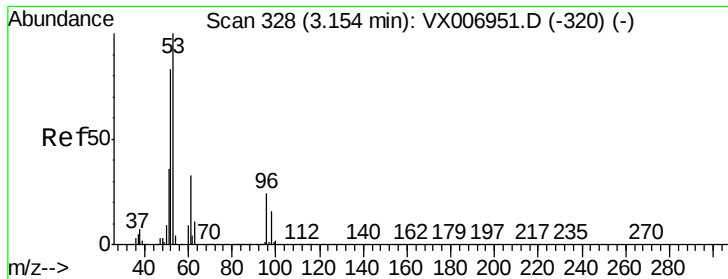
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 251.956 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

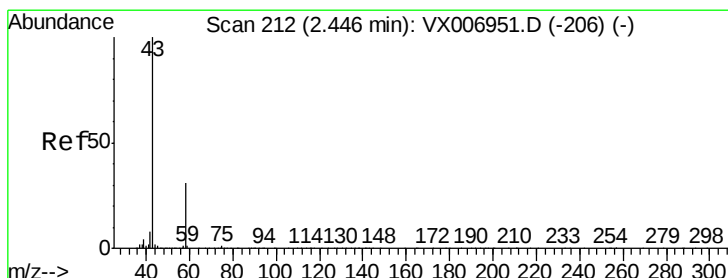
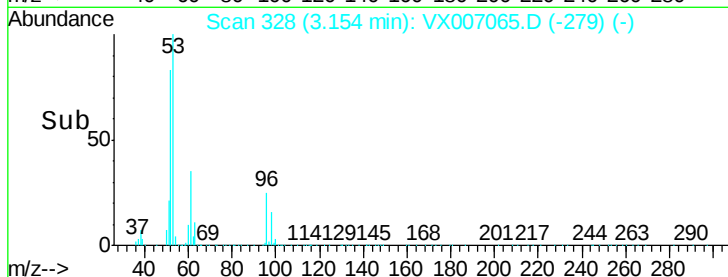
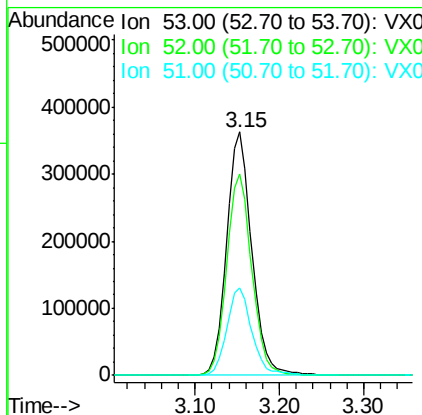
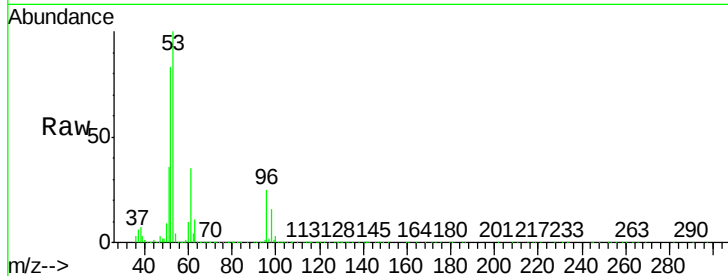
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.0	99.0
51	36.1	28.6	42.8

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#16

Acetone

Concen: 239.022 ug/l

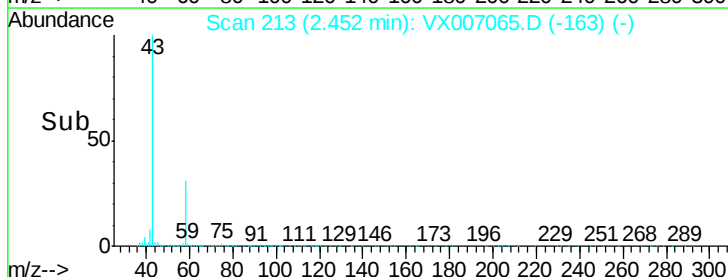
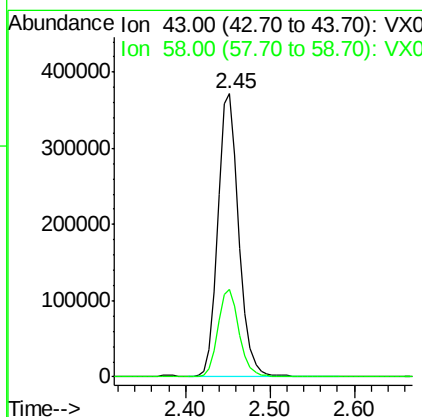
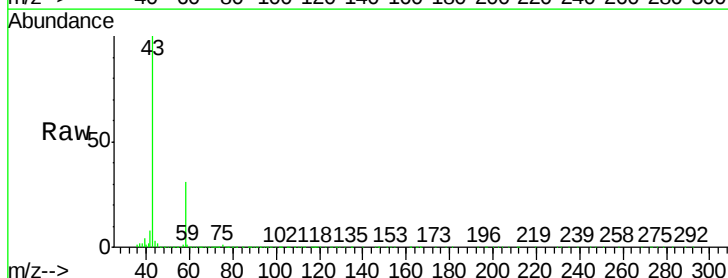
RT: 2.45 min Scan# 213

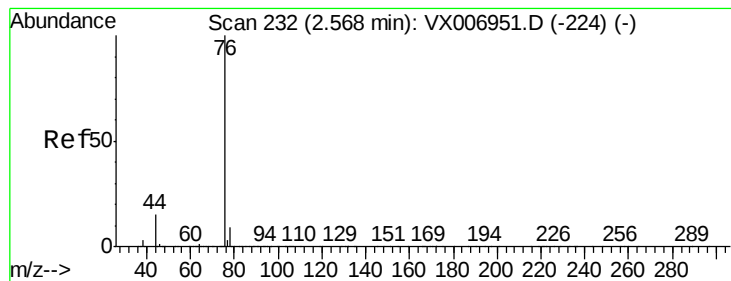
Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.0	37.6





#17

Carbon Disulfide

Concen: 44.406 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 541824

Ion Ratio Lower Upper

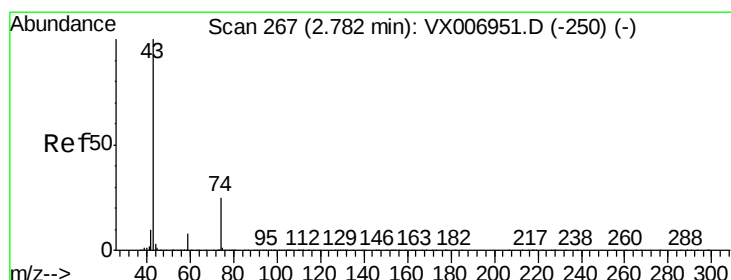
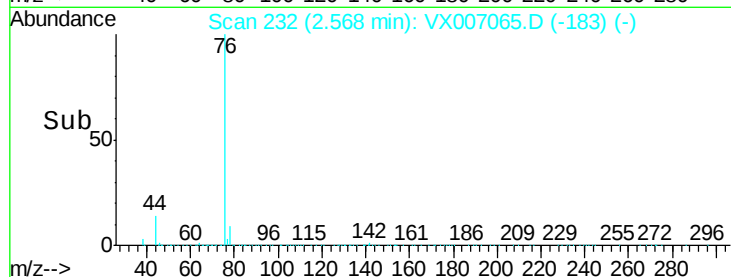
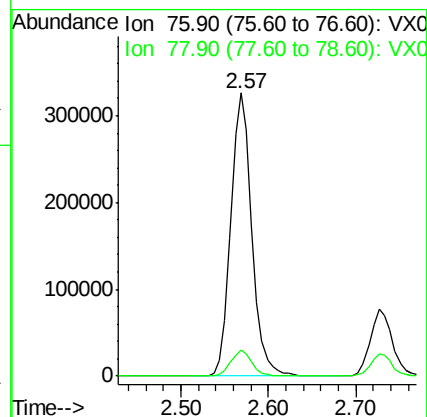
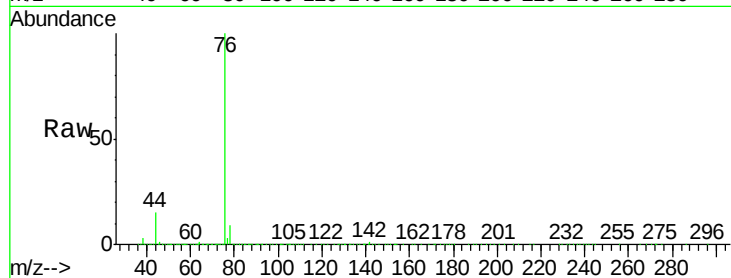
76 100

78 9.1 7.0 10.6

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#18

Methyl Acetate

Concen: 52.677 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007065.D

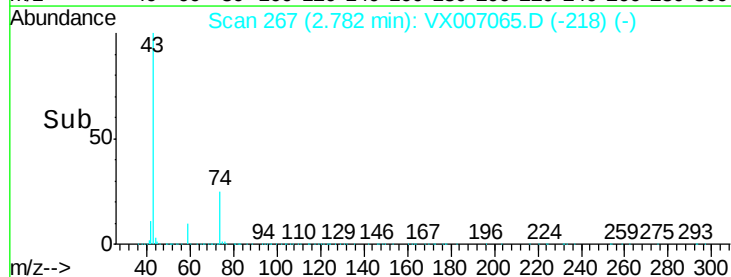
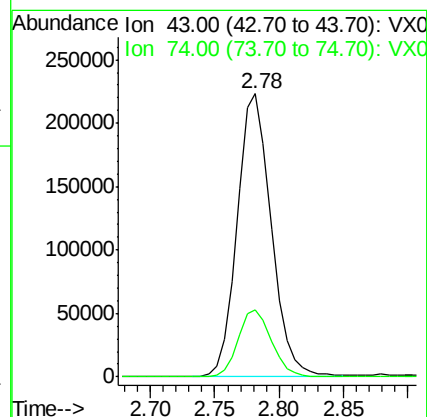
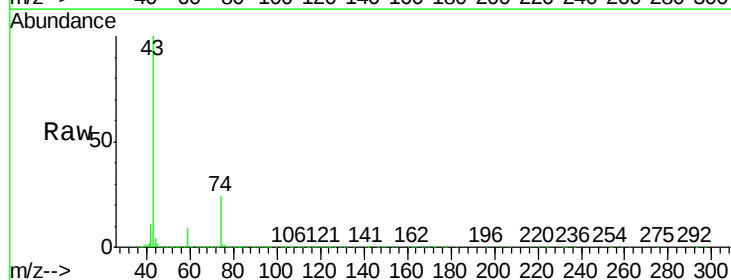
Acq: 15 Jan 2019 18:13

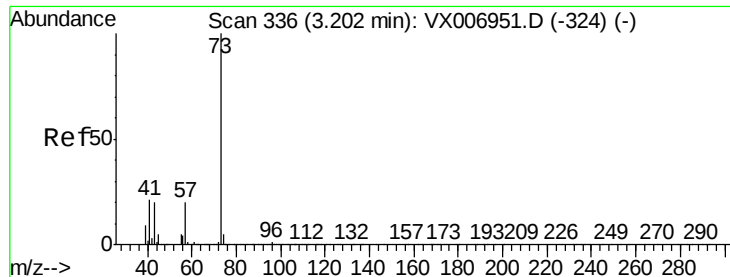
Tgt Ion: 43 Resp: 406415

Ion Ratio Lower Upper

43 100

74 23.2 18.6 28.0





#19

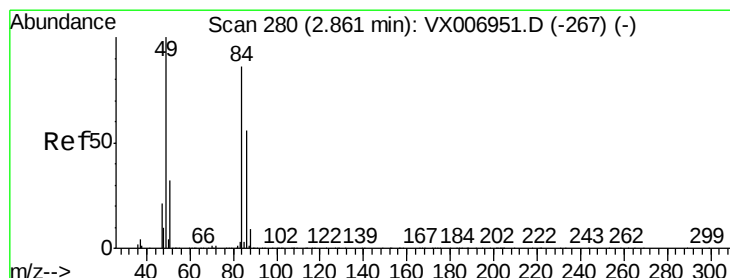
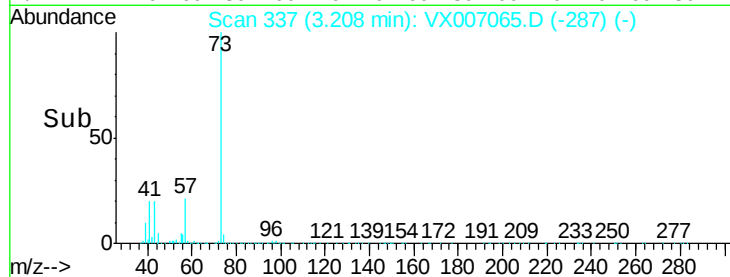
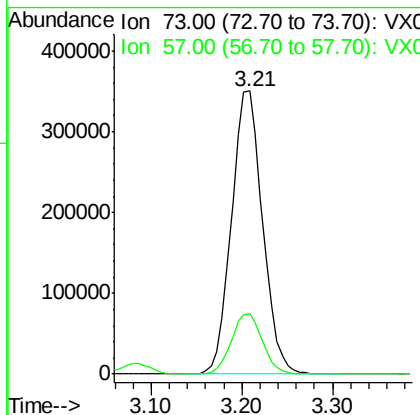
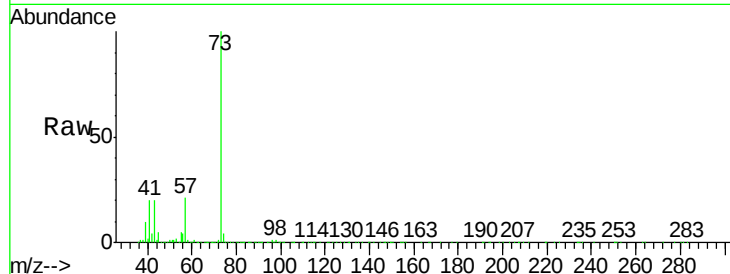
Methyl tert-butyl Ether
 Concen: 50.669 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

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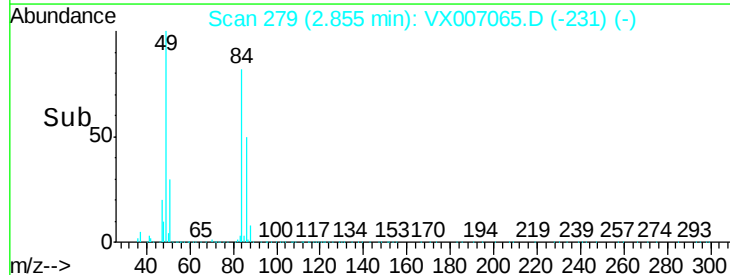
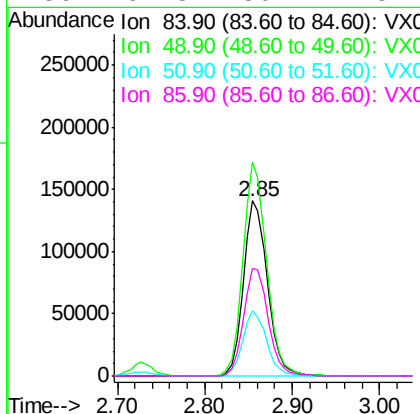
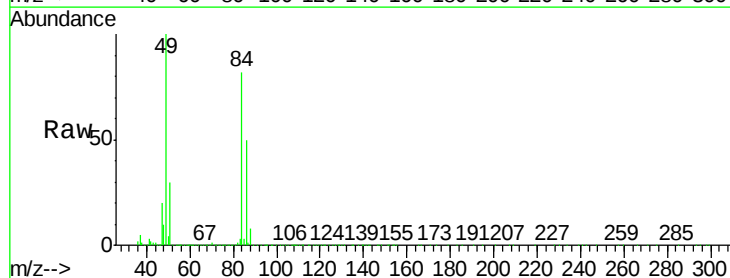
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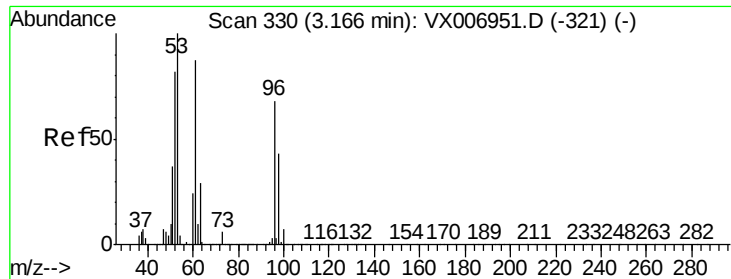


#20

Methylene Chloride
 Concen: 52.602 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	91.8	137.6
51	37.0	28.5	42.7
86	61.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.017 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

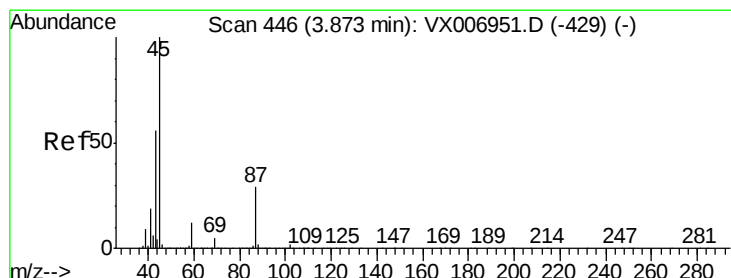
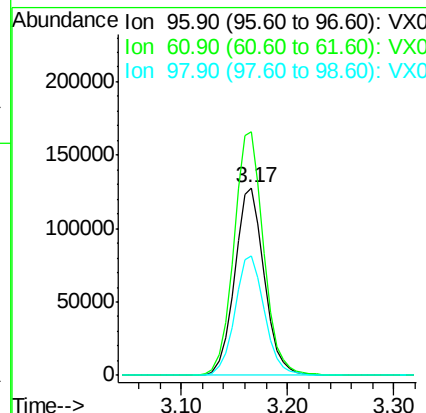
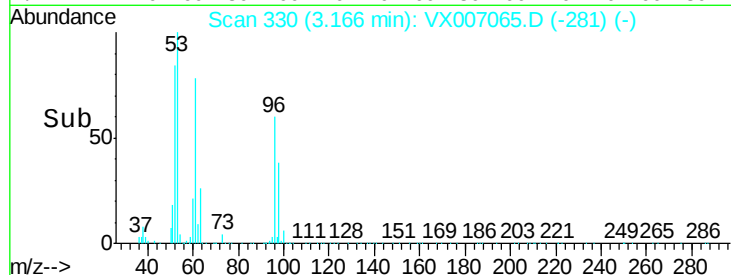
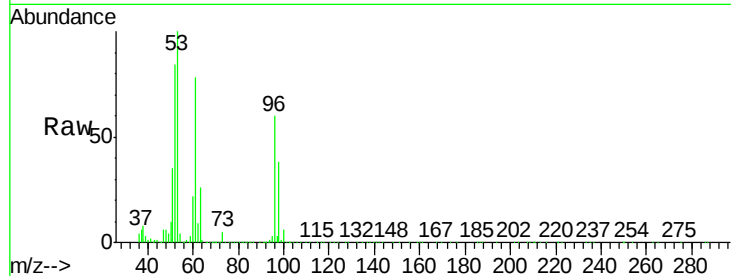
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	248312
Ion Ratio	Lower	Upper	
96	100		
61	129.8	103.7	155.5
98	63.8	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.260 ug/l

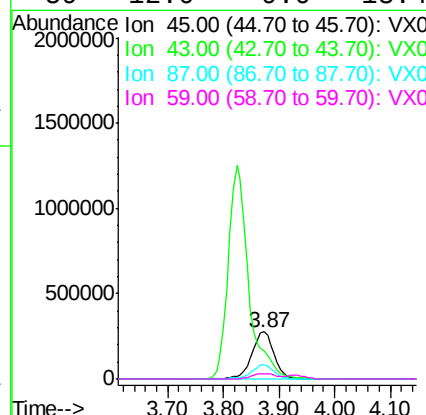
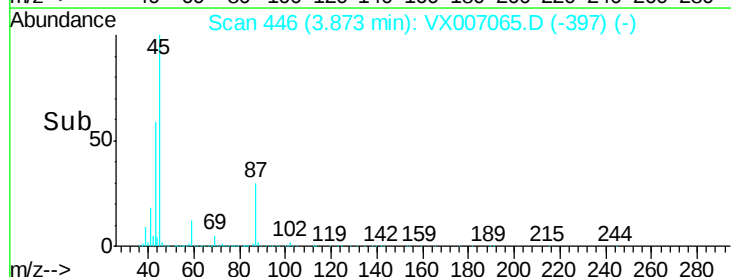
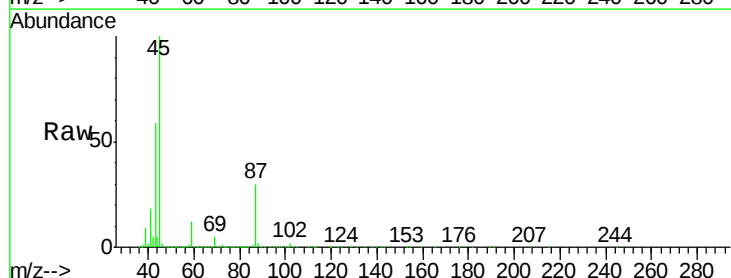
RT: 3.87 min Scan# 446

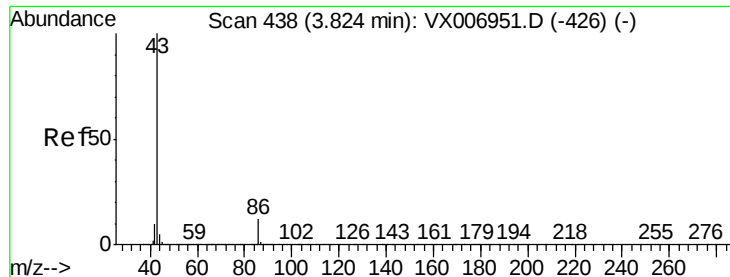
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	45	Resp:	767438
Ion Ratio	Lower	Upper	
45	100		
43	58.8	51.2	76.8
87	30.3	25.8	38.6
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 248.222 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3196373

Ion Ratio Lower Upper

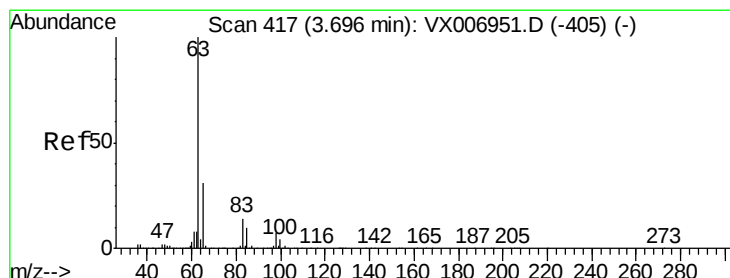
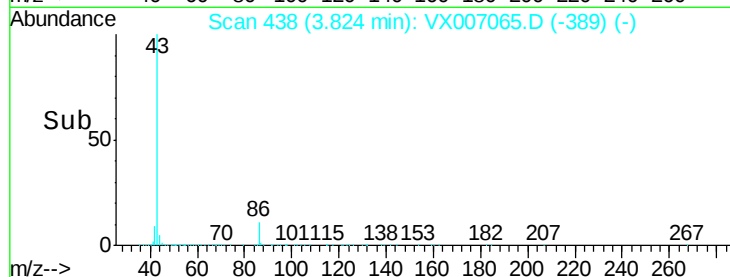
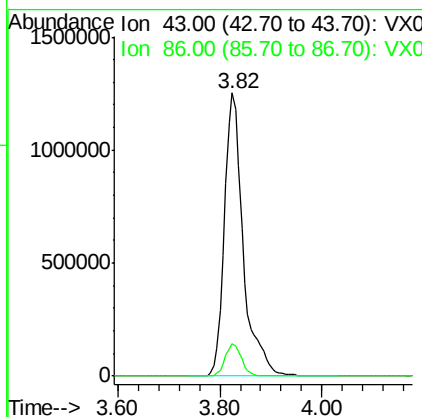
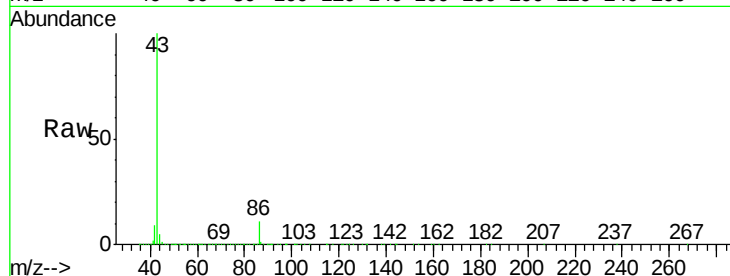
43 100

86 11.4 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 49.220 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

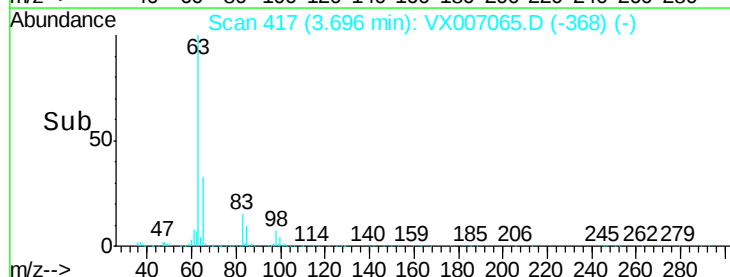
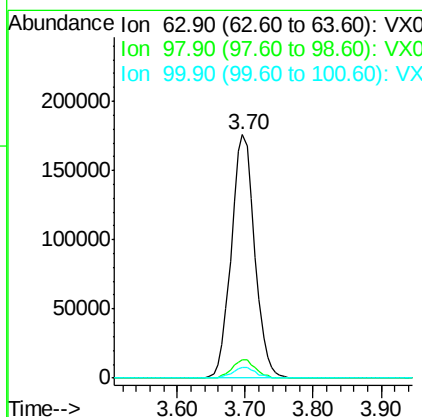
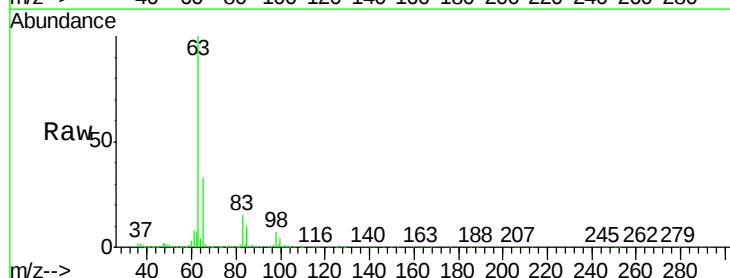
Tgt Ion: 63 Resp: 420251

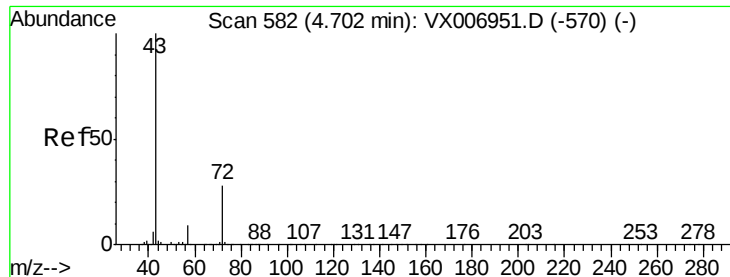
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 247.697 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tot Ion: 43 Resp: 944219

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

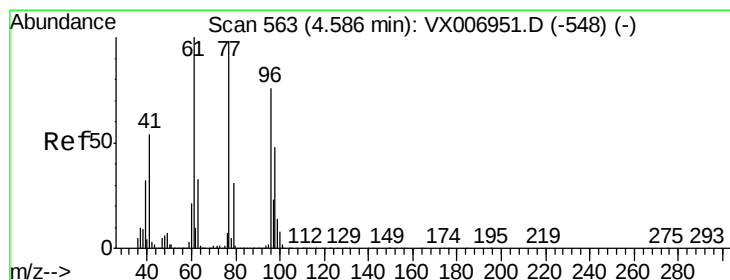
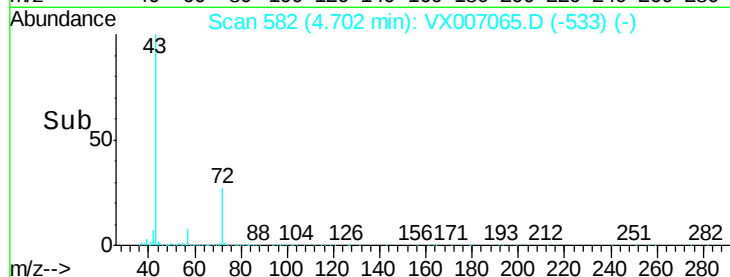
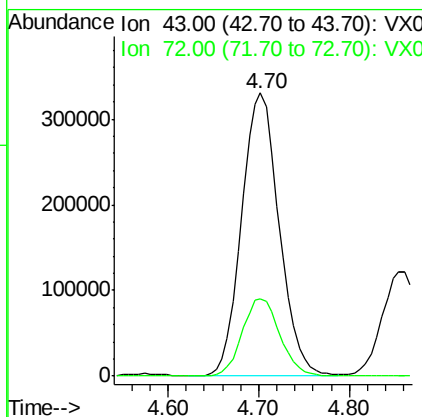
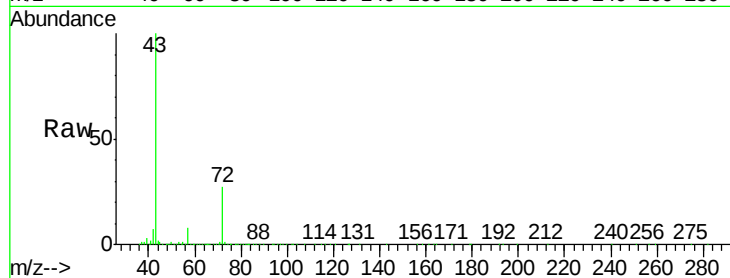
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 47.331 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007065.D

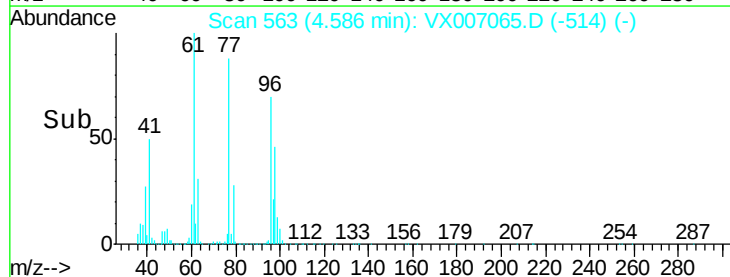
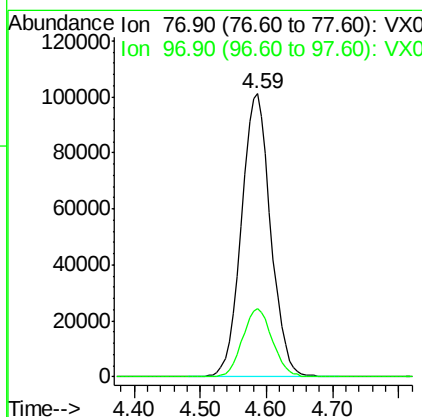
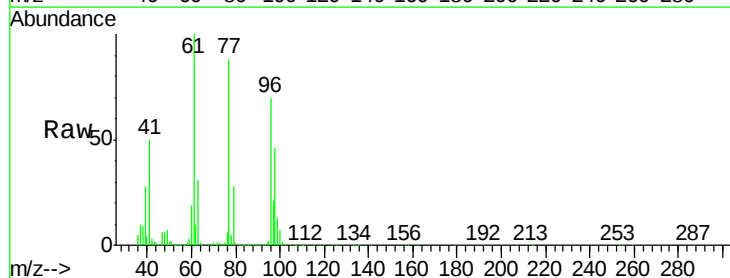
Acq: 15 Jan 2019 18:13

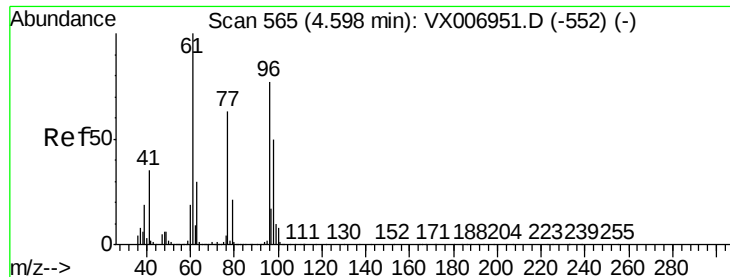
Tgt Ion: 77 Resp: 310752

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4





#27

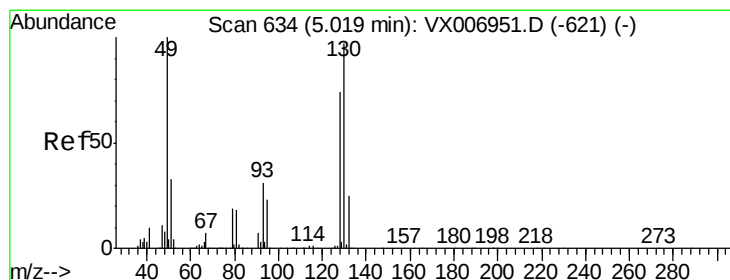
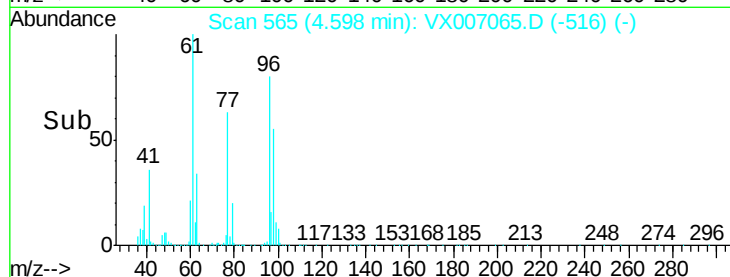
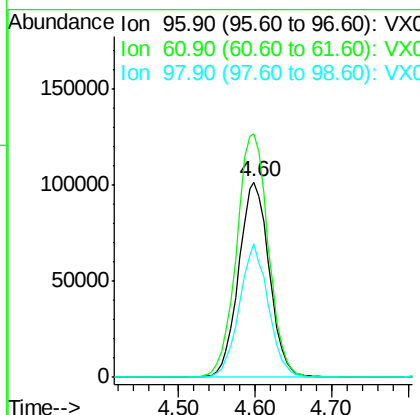
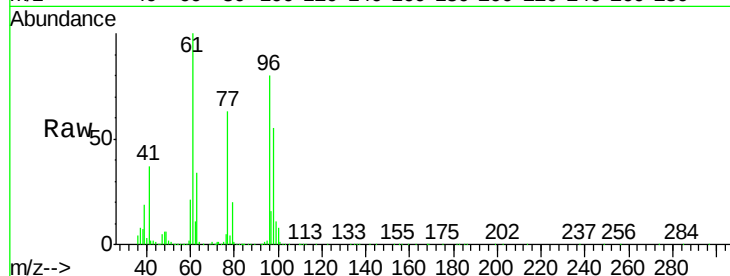
cis-1,2-Dichloroethene
 Concen: 48.409 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	258.6
98	64.7	0.0	132.0

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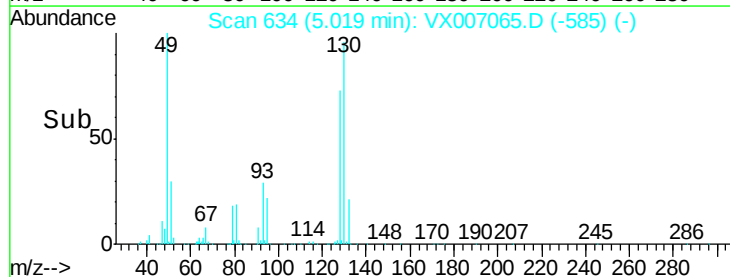
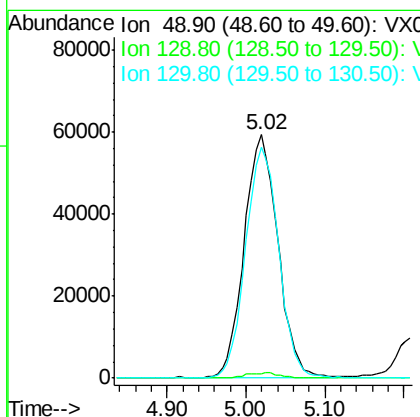
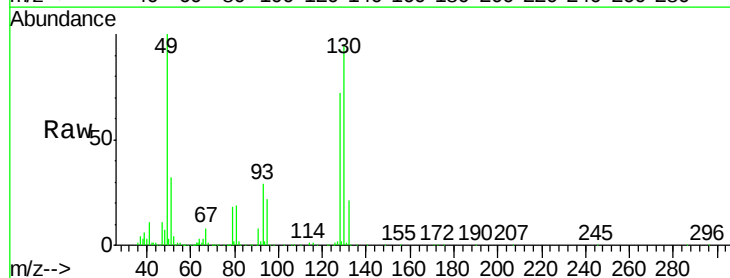
MMDadoda
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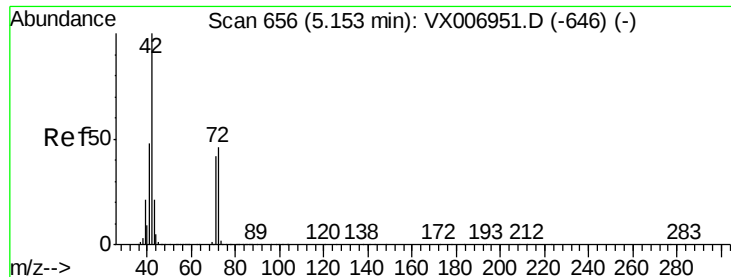


#28

Bromochloromethane
 Concen: 47.319 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.4
130	93.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 248.210 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

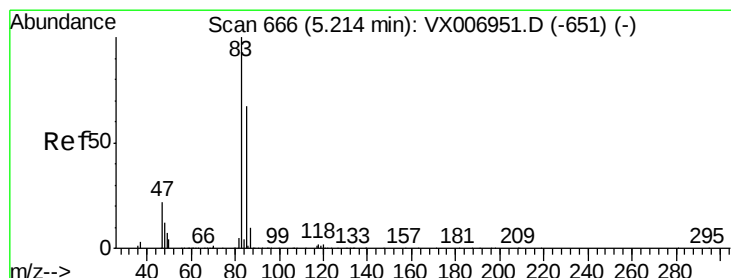
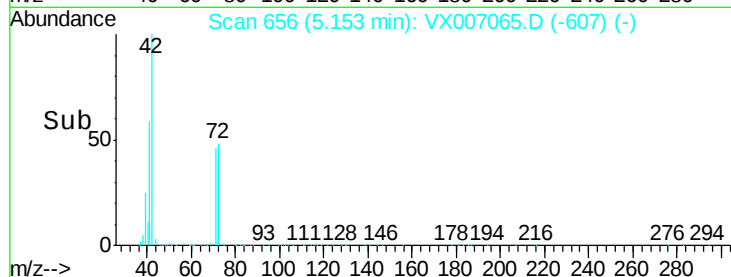
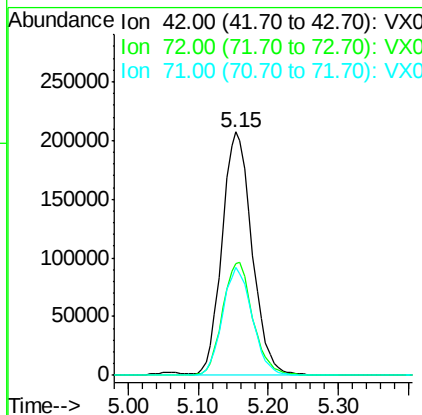
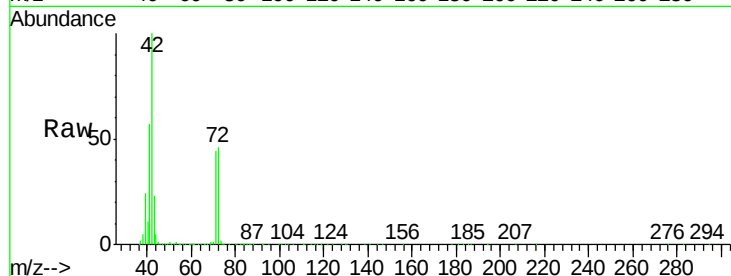
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	614895
Ion Ratio		Lower	Upper
42	100		
72	47.0	38.9	58.3
71	43.9	36.2	54.4

Manual Integrations
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#30

Chloroform

Concen: 50.040 ug/l

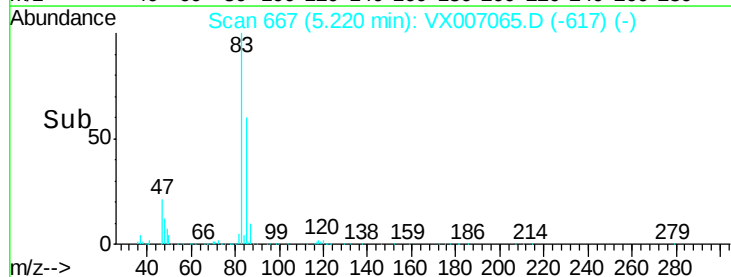
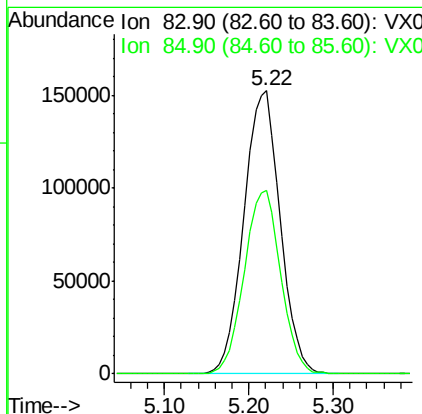
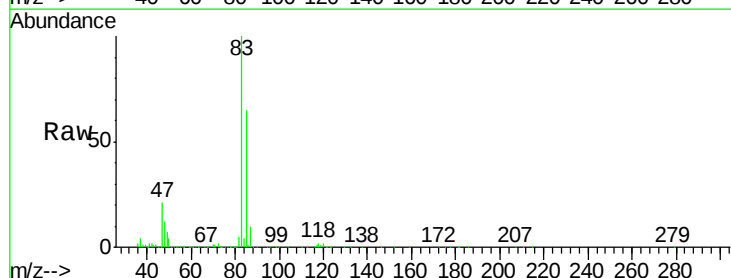
RT: 5.22 min Scan# 667

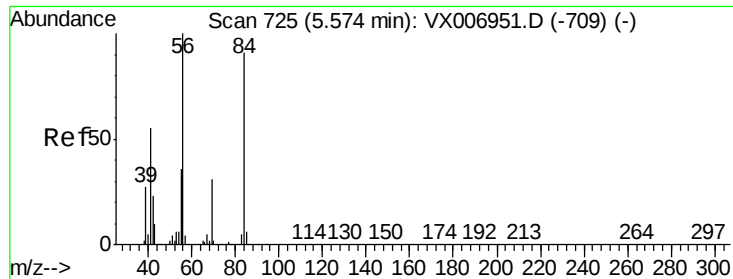
Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	83	Resp:	447327
Ion Ratio		Lower	Upper
83	100		
85	64.8	51.2	76.8





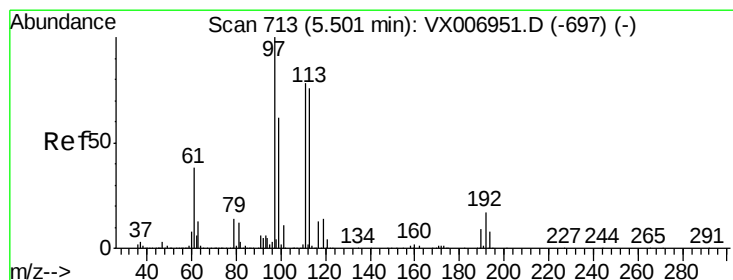
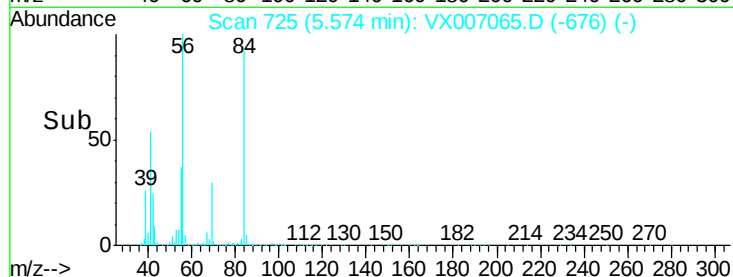
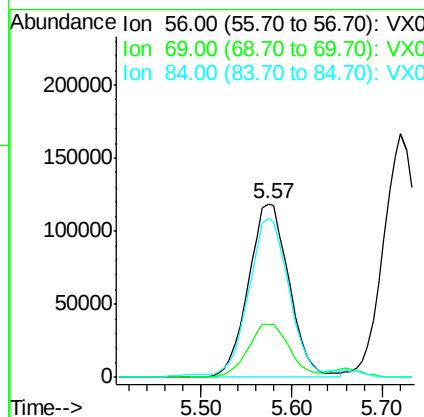
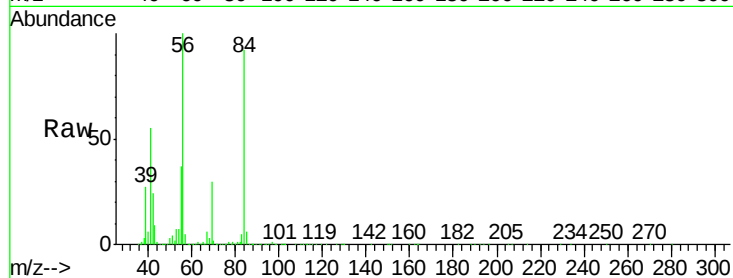
#31
Cyclohexane
Concen: 48.623 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.4	36.6
84	90.0	70.0	105.0

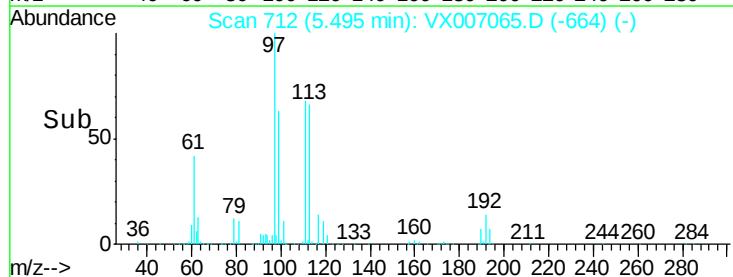
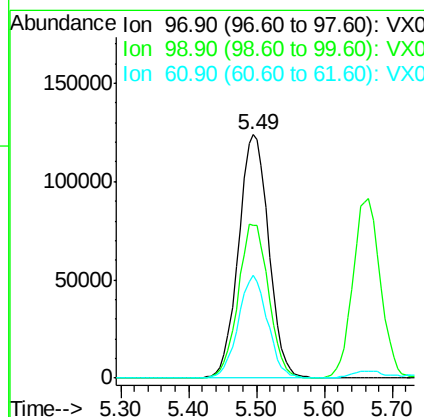
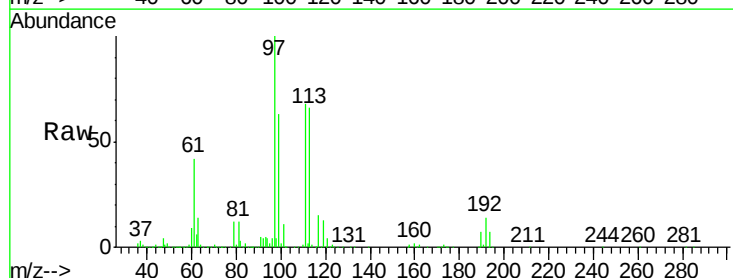
Manual Integrations
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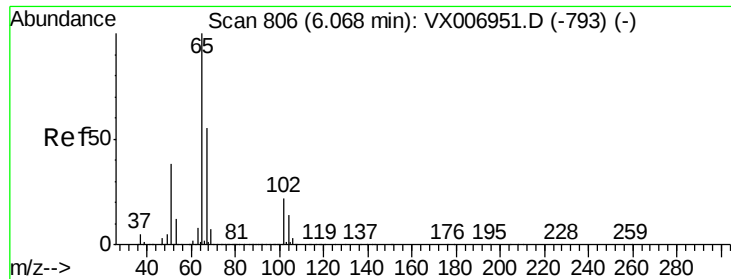
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#32
1,1,1-Trichloroethane
Concen: 50.276 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	41.1	31.3	46.9





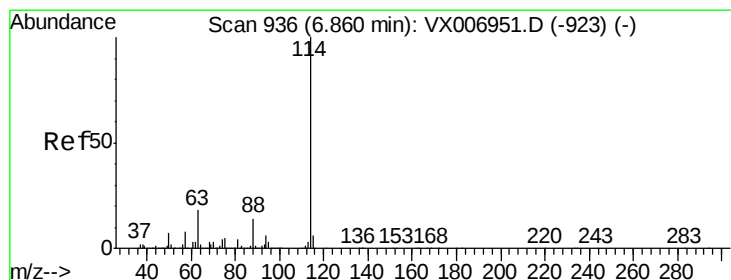
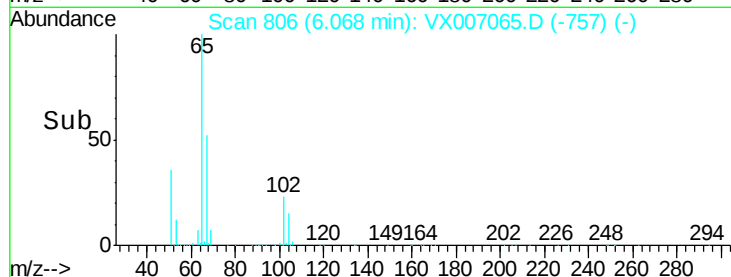
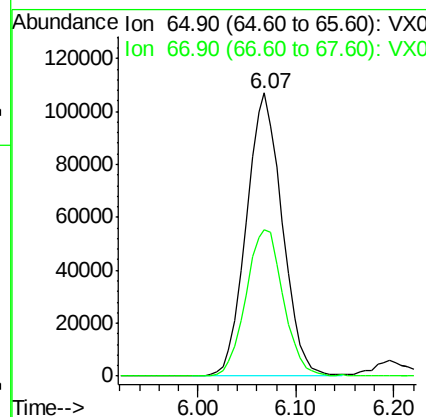
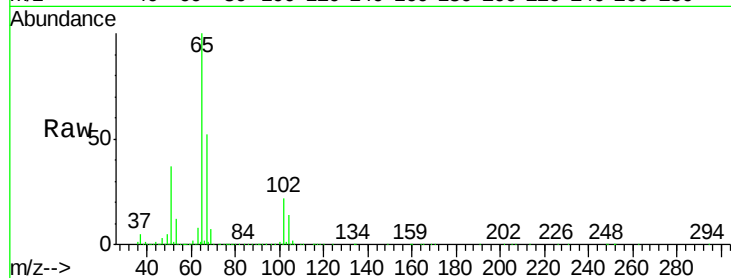
#33
 1,2-Dichloroethane-d4
 Concen: 50.532 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	272315		
67	53.3	0.0	105.0	

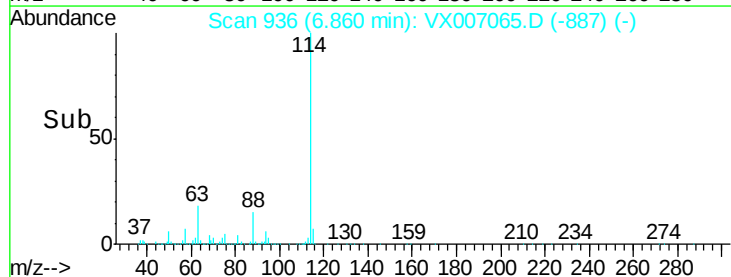
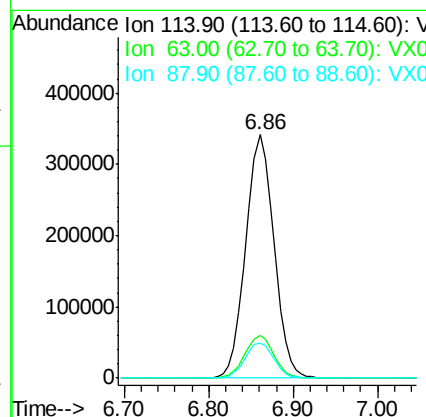
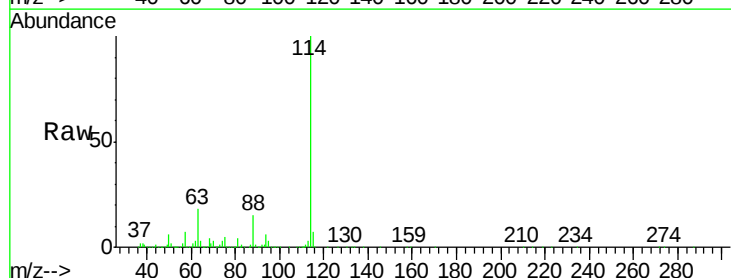
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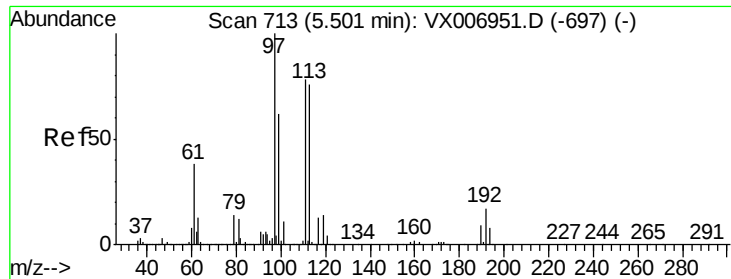
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	773649		
63	17.5	0.0	34.8	
88	14.6	0.0	28.8	





#35

Dibromofluoromethane

Concen: 50.486 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

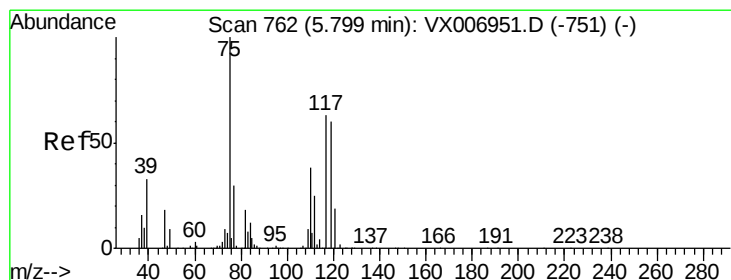
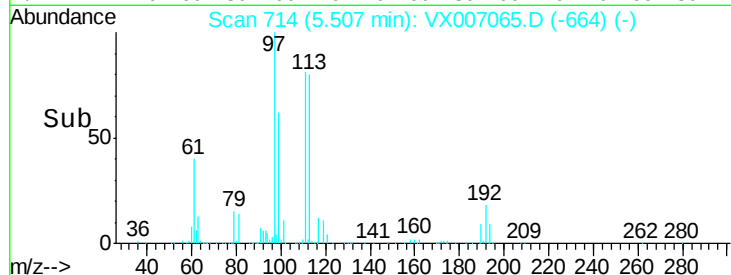
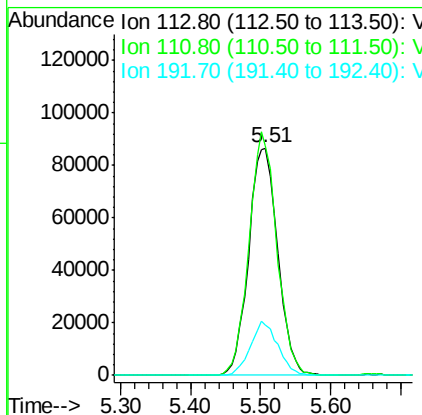
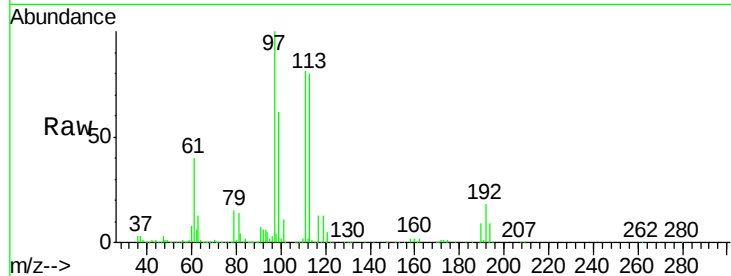
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	250127
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.6	122.4
192	22.5	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 47.188 ug/l

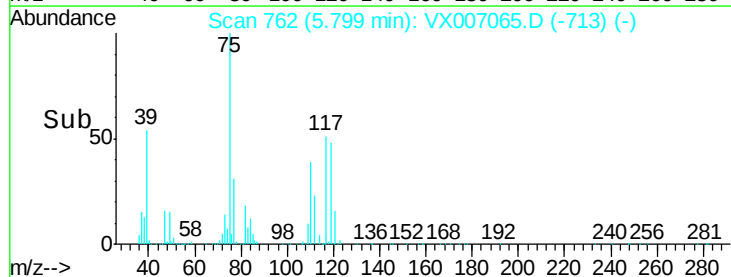
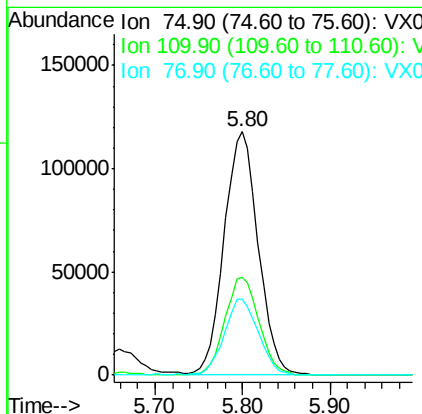
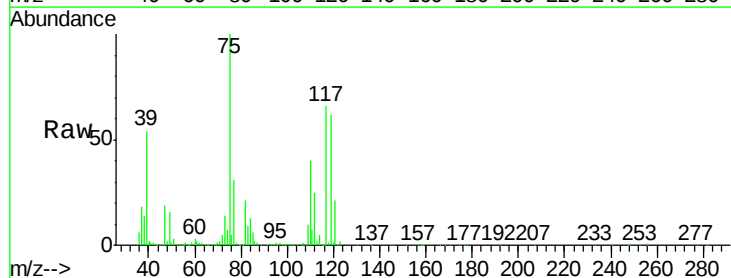
RT: 5.80 min Scan# 762

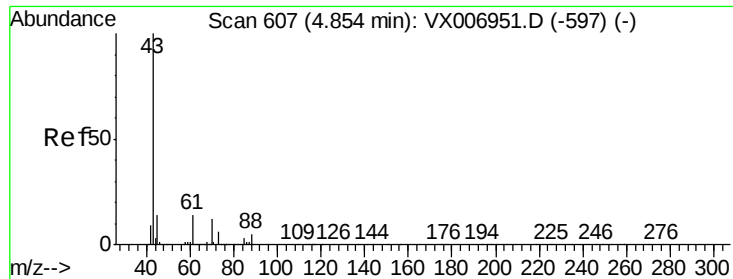
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	75	Resp:	317400
Ion Ratio	Lower	Upper	
75	100		
110	40.6	20.2	60.5
77	31.2	24.8	37.2





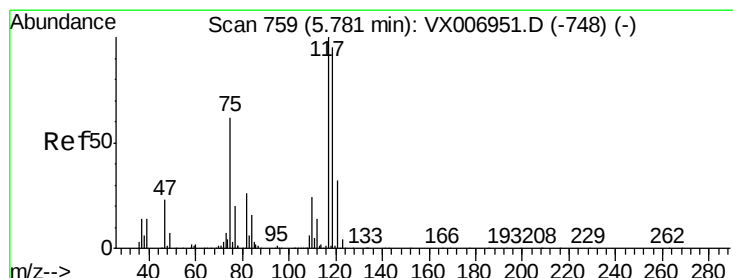
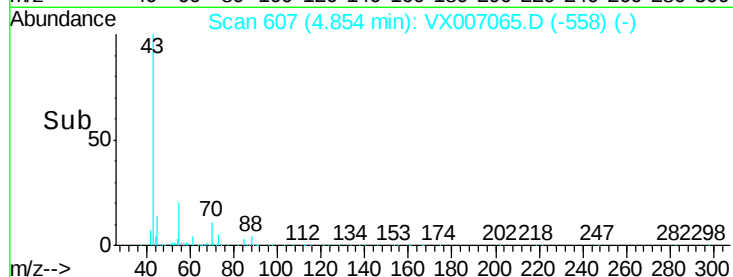
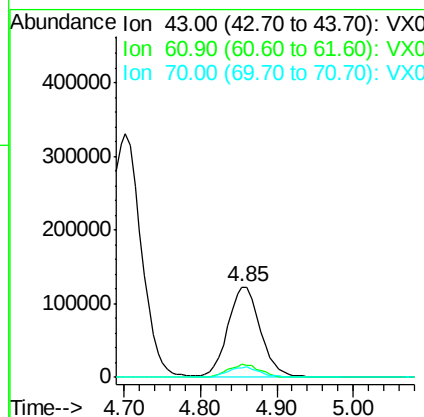
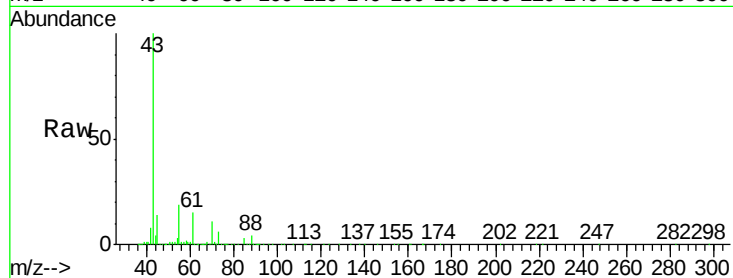
#37
Ethyl Acetate
Concen: 49.794 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	359070
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.9	17.9
70	11.1	9.7	14.5

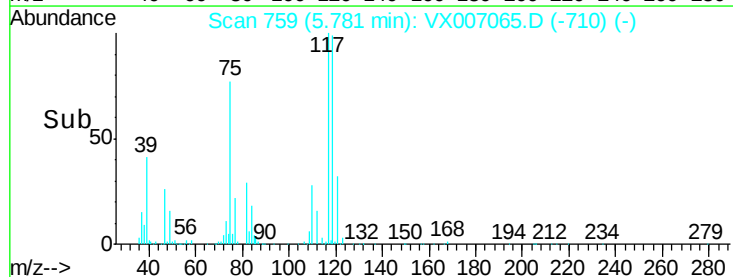
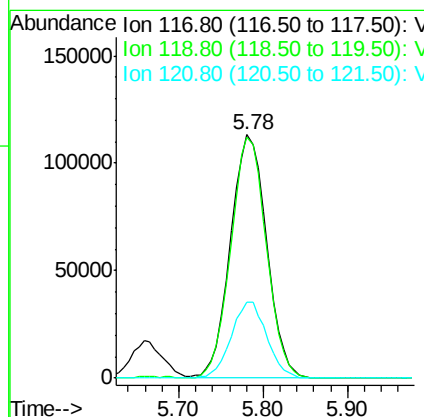
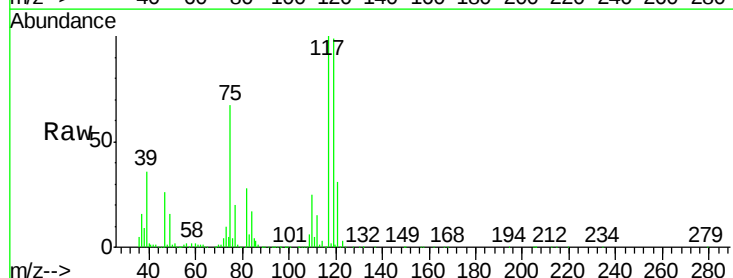
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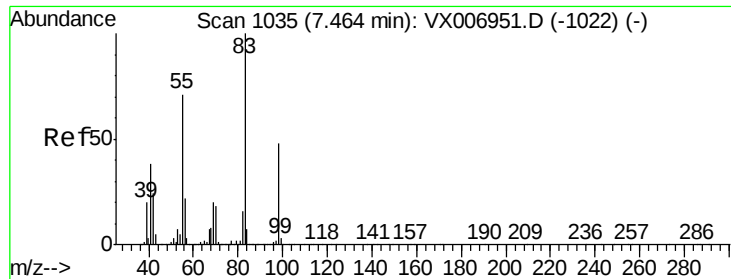
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#38
Carbon Tetrachloride
Concen: 48.643 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	117	Resp	329187
Ion Ratio	Lower	Upper	
117	100		
119	98.7	79.4	119.2
121	31.4	24.0	36.0





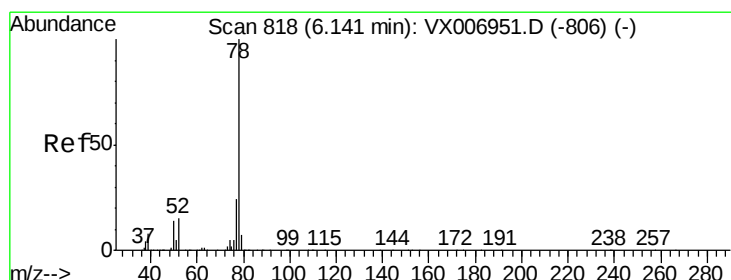
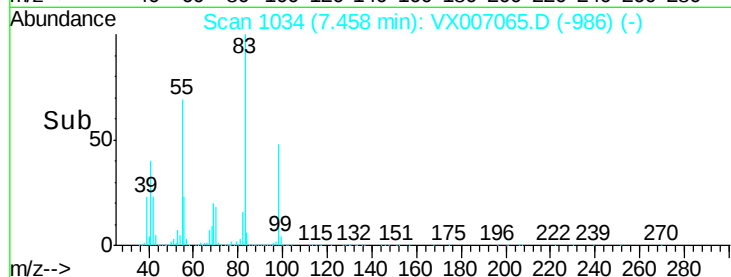
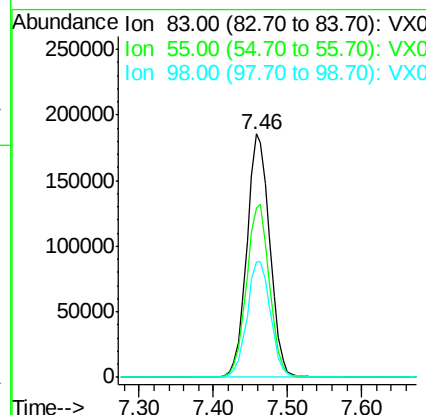
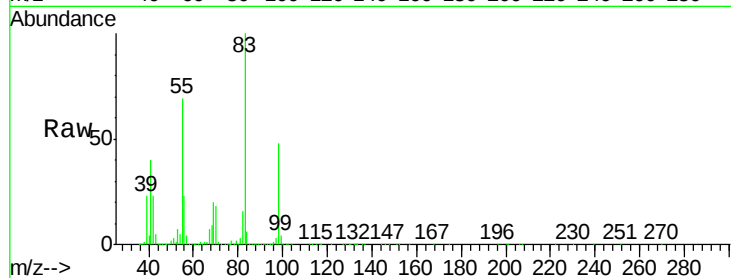
#39
Methvlcvclohexane
Concen: 46.786 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	54.9	82.3
98	47.7	37.9	56.9

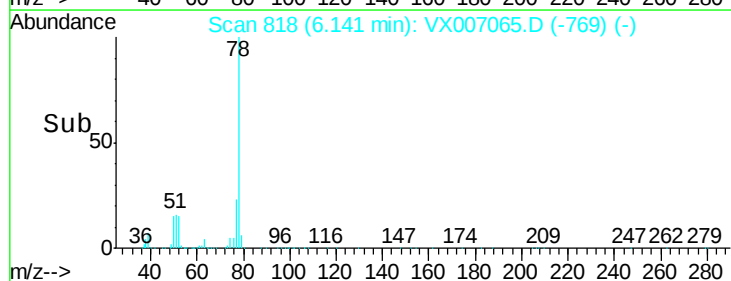
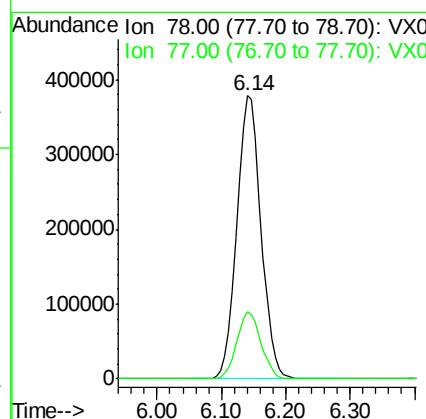
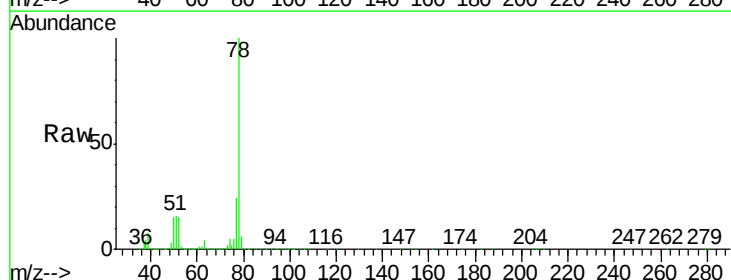
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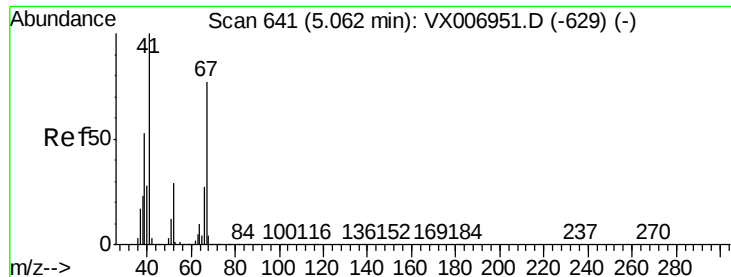
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#40
Benzene
Concen: 48.336 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 46.759 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007065.D

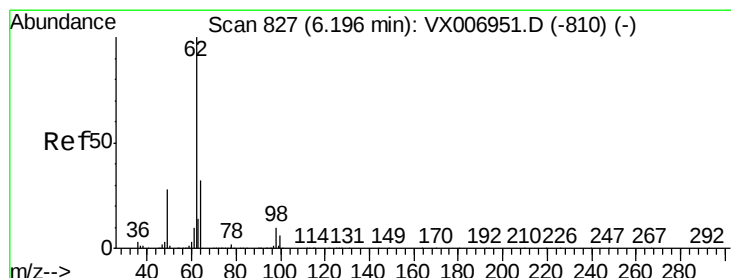
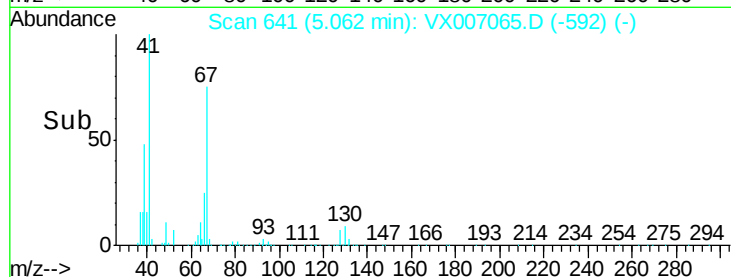
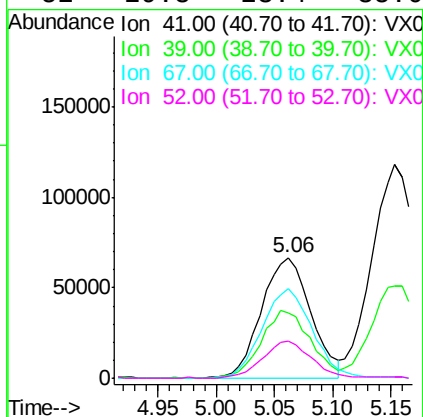
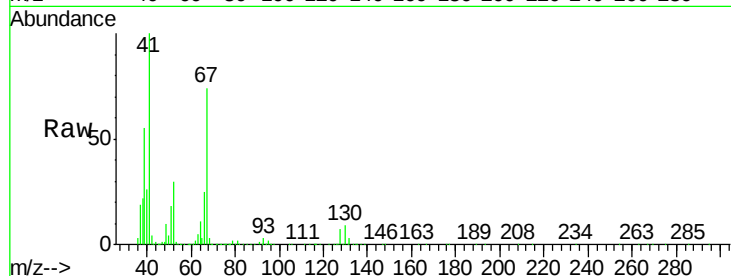
Acq: 15 Jan 2019 18:13

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		194247		
39	55.7	42.8	64.2		
67	76.0	62.1	93.1		
52	29.8	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#42

1,2-Dichloroethane

Concen: 47.901 ug/l

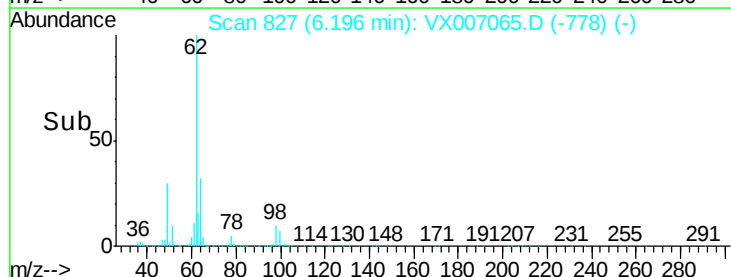
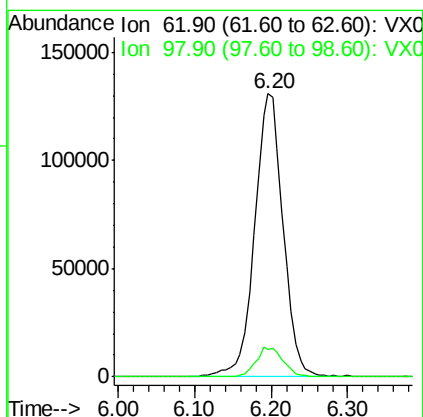
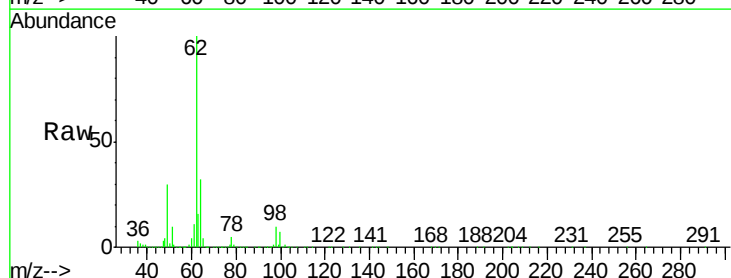
RT: 6.20 min Scan# 827

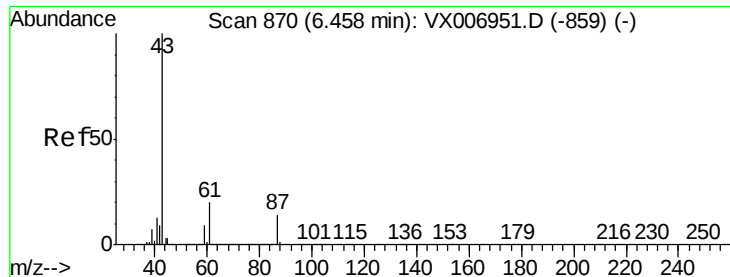
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		339728		
98	10.1	0.0	20.2		





#43

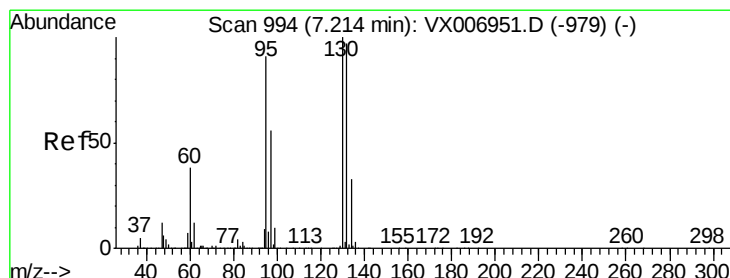
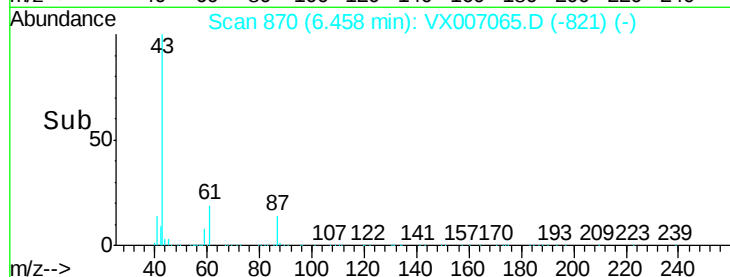
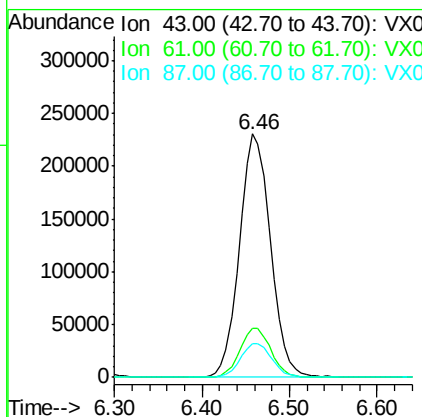
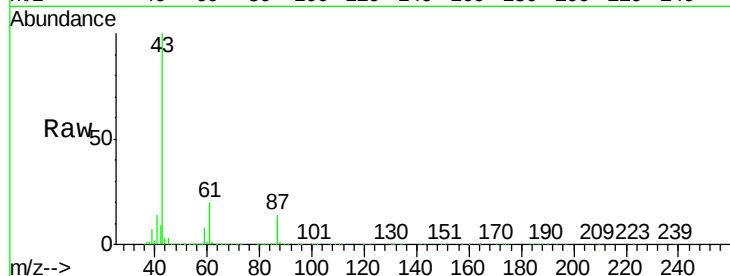
Isopropyl Acetate
 Concen: 49.828 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.2	12.4	18.6

Manual Integrations
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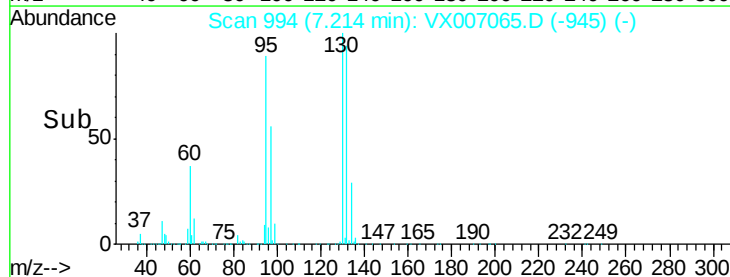
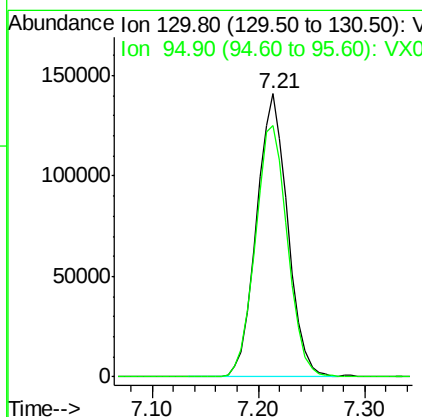
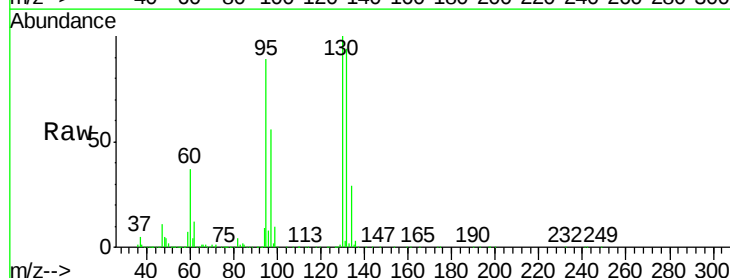
MMDadoda
 1/16/2019 9:20:07 AM

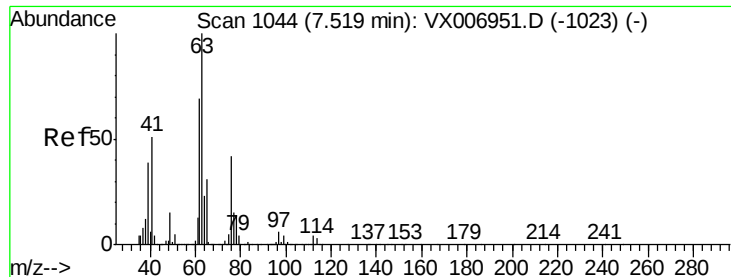


#44

Trichloroethene
 Concen: 46.929 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.791 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 256908

Ion Ratio Lower Upper

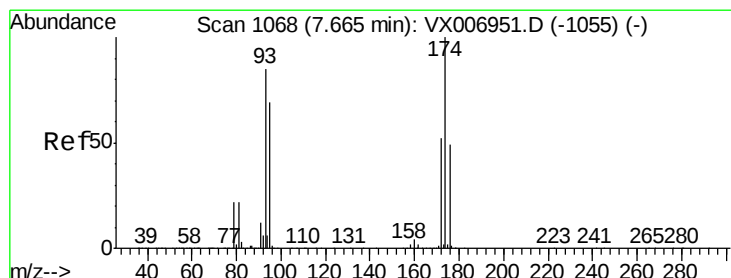
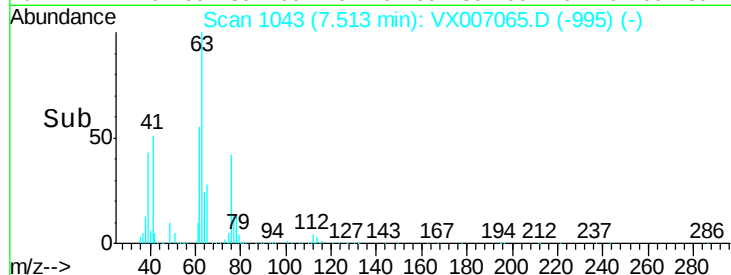
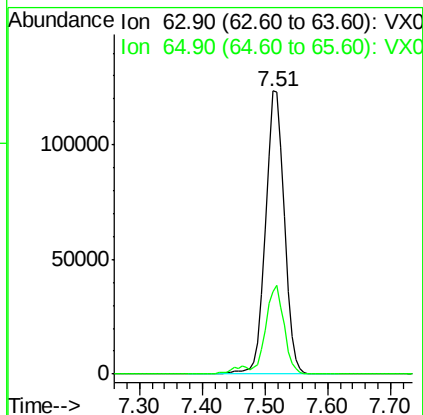
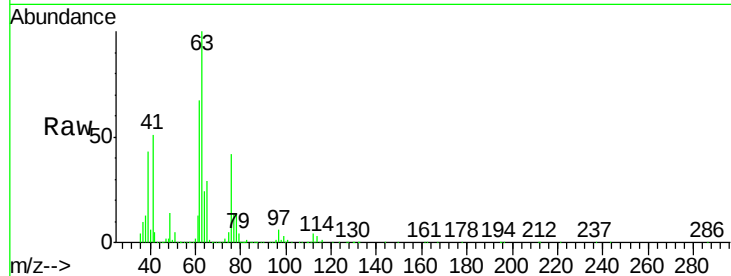
63 100

65 28.8 25.4 38.0

Manual Integrations
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#46

Dibromomethane

Concen: 49.611 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

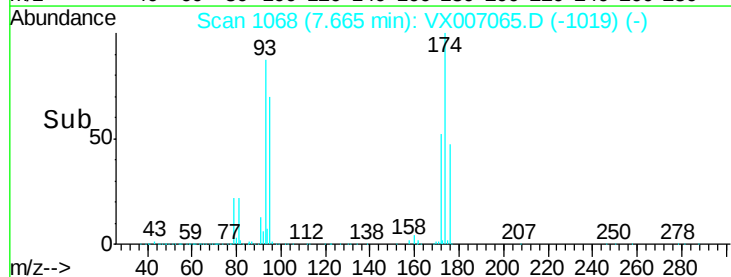
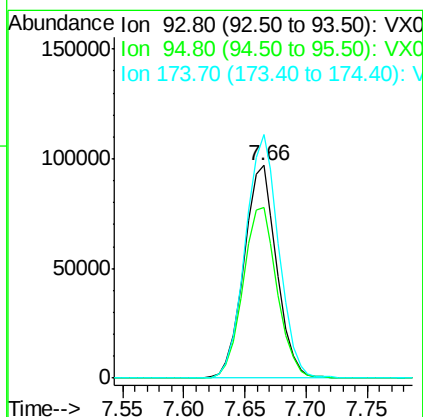
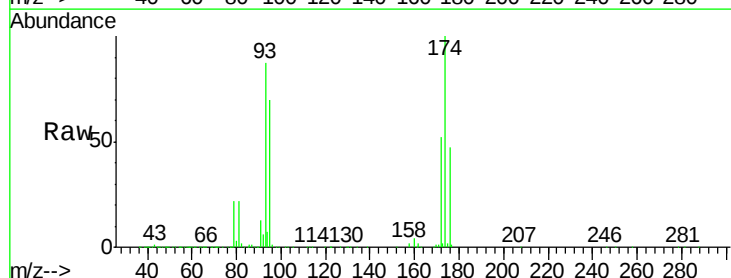
Tgt Ion: 93 Resp: 179903

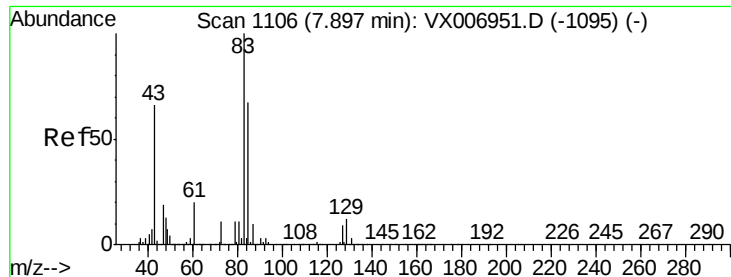
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

174 116.7 91.0 136.4





#47

Bromodichloromethane

Concen: 51.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

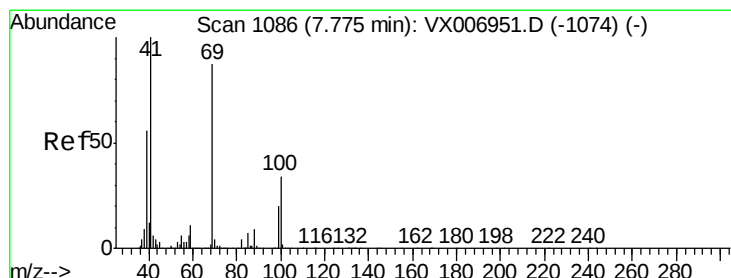
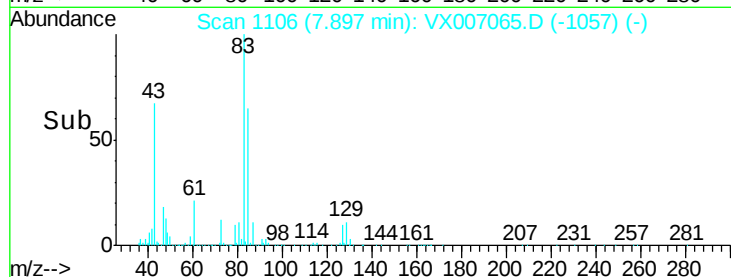
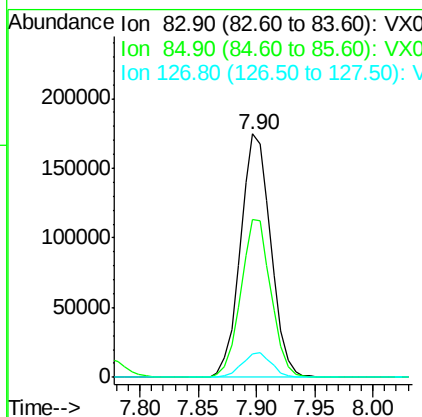
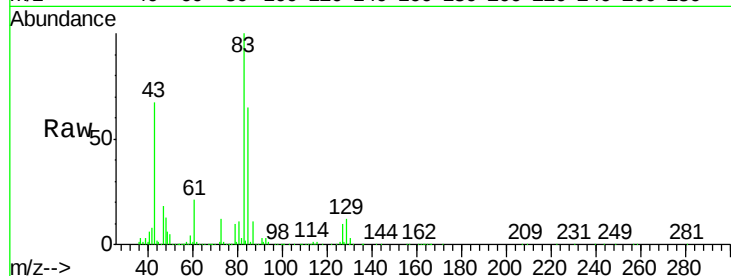
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	317405
Ion Ratio	Lower	Upper	
83	100		
85	64.8	53.2	79.8
127	9.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.031 ug/l

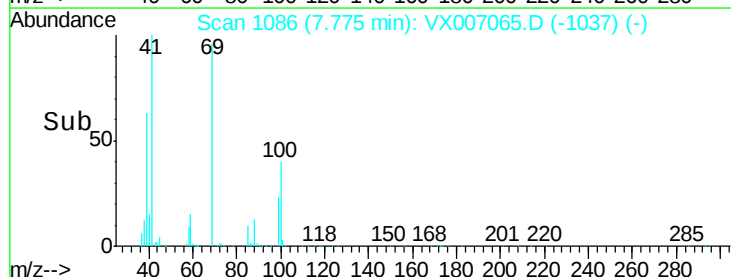
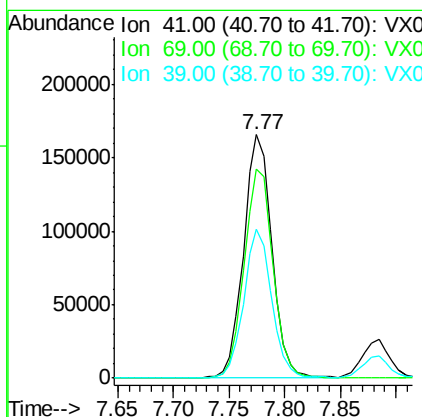
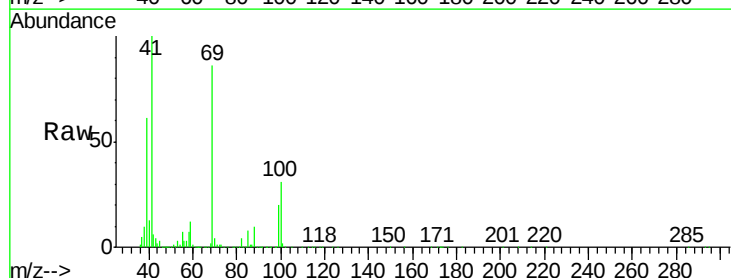
RT: 7.77 min Scan# 1086

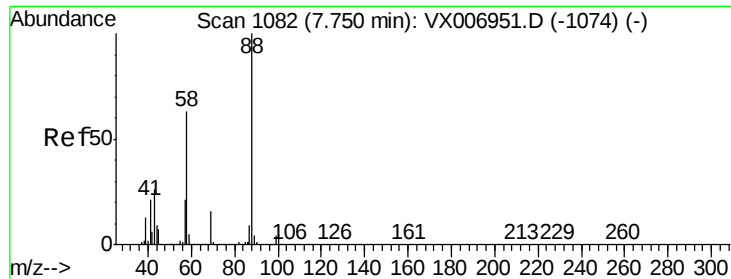
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	41	Resp:	292248
Ion Ratio	Lower	Upper	
41	100		
69	88.2	72.4	108.6
39	60.2	45.8	68.8





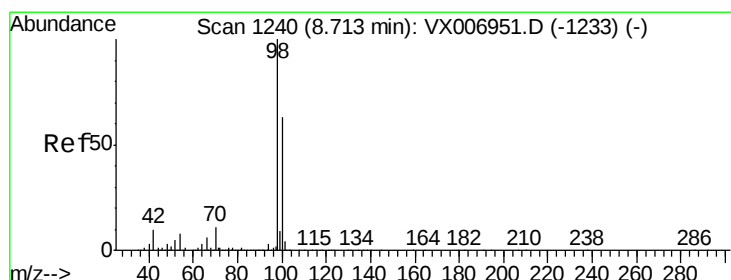
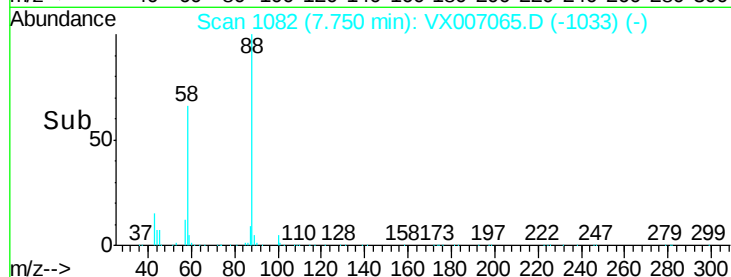
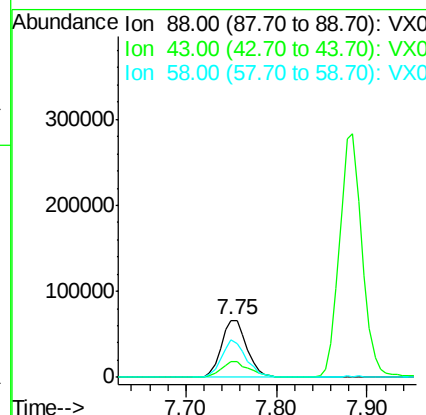
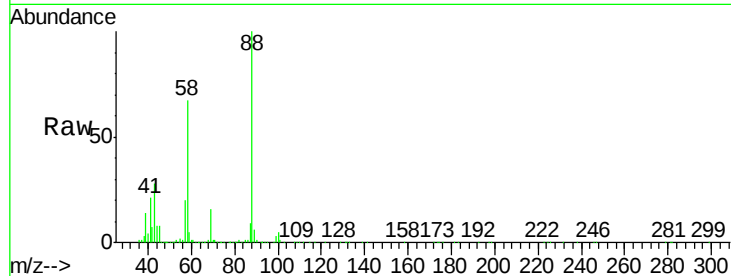
#49
1,4-Dioxane
Concen: 979.122 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.2	33.4
58	64.1	51.0	76.4

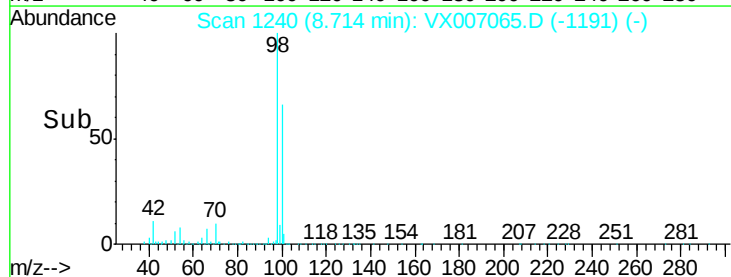
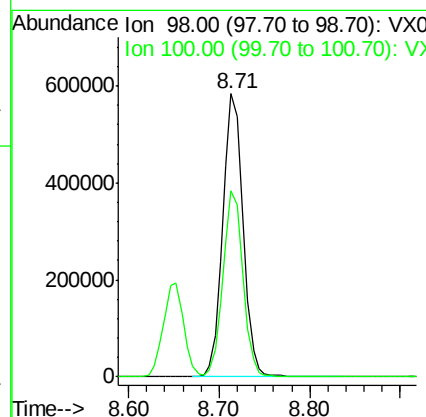
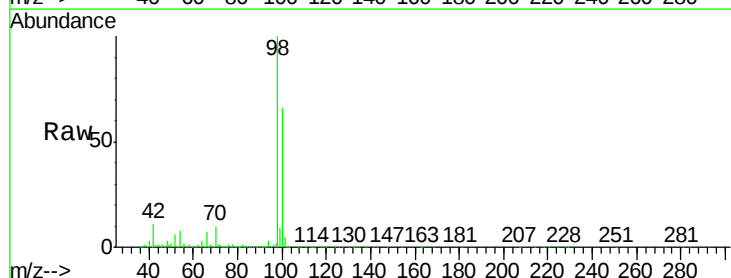
Manual Integrations
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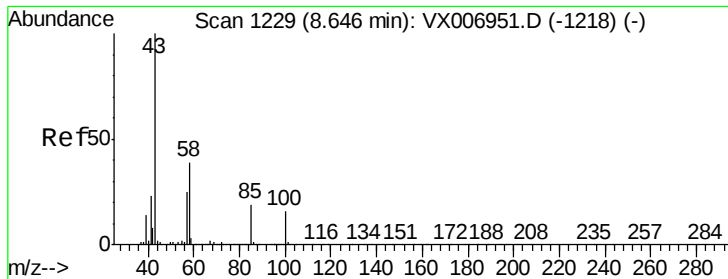
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#50
Toluene-d8
Concen: 50.464 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 253.539 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1853366

Ion Ratio Lower Upper

43 100

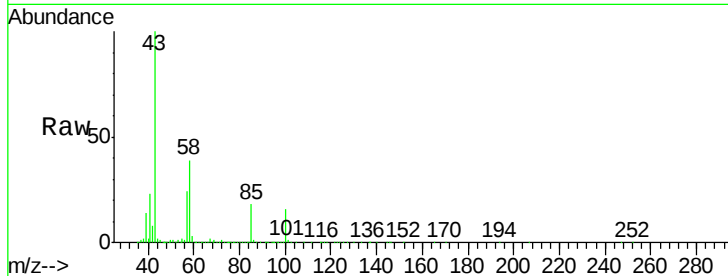
58 39.4 31.8 47.6

Manual Integrations

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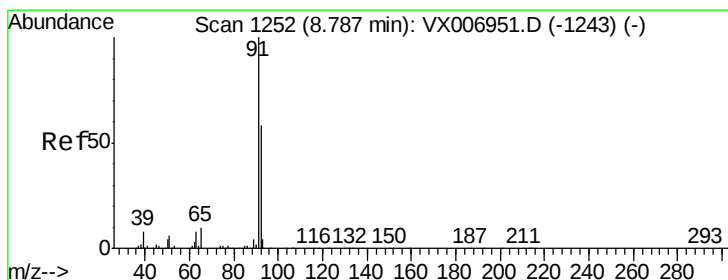
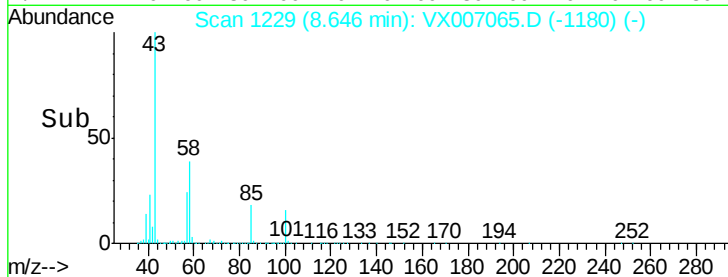
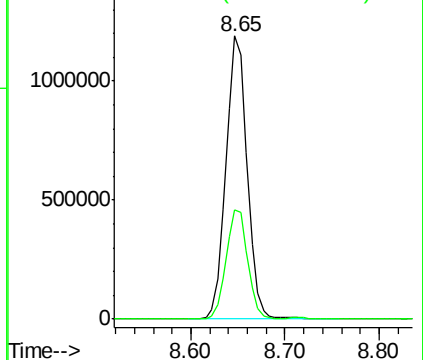
MMDadoda

1/16/2019 9:20:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.777 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007065.D

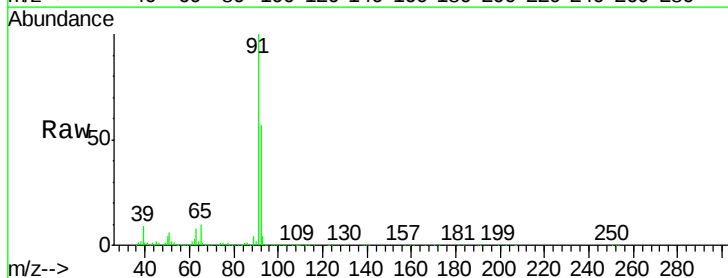
Acq: 15 Jan 2019 18:13

Tgt Ion: 92 Resp: 643434

Ion Ratio Lower Upper

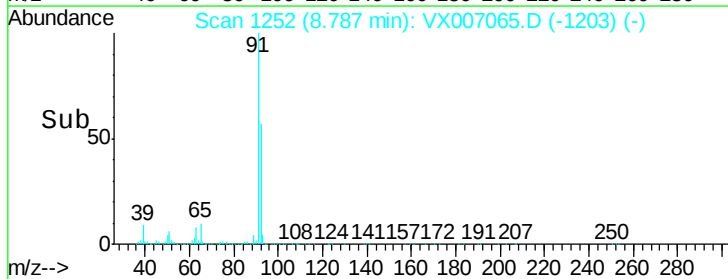
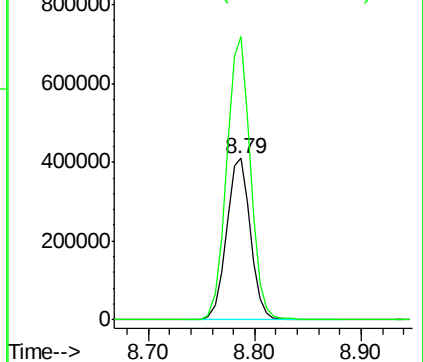
92 100

91 174.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.133 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tot Ion: 75 Resp: 349978

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

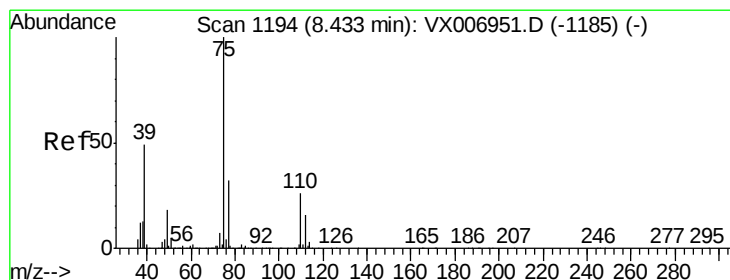
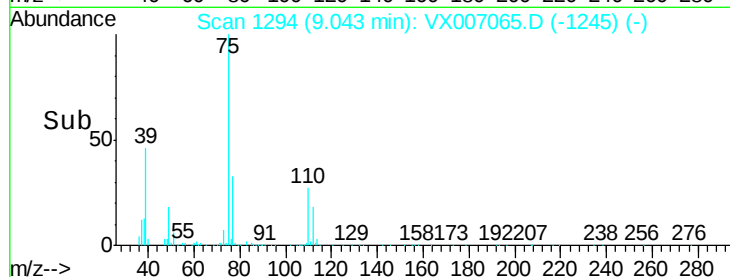
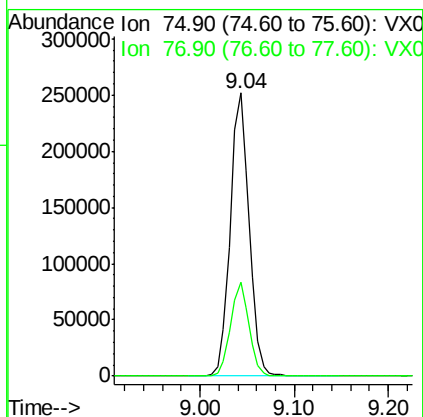
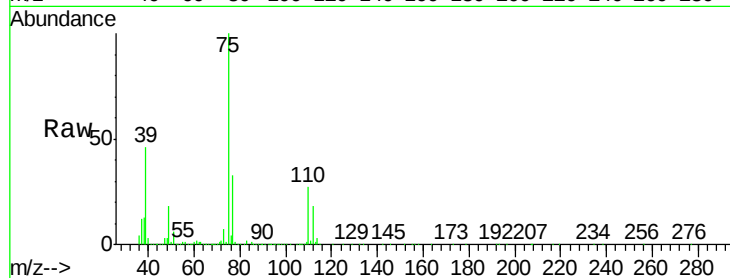
VSTDCCC050EC

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.775 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

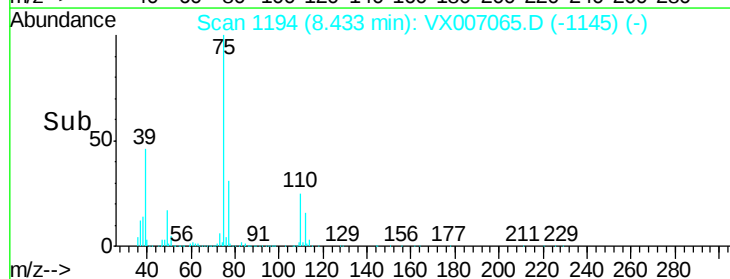
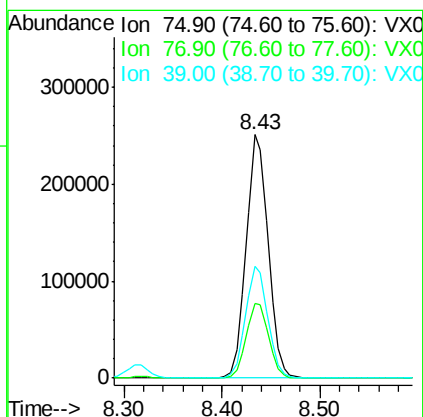
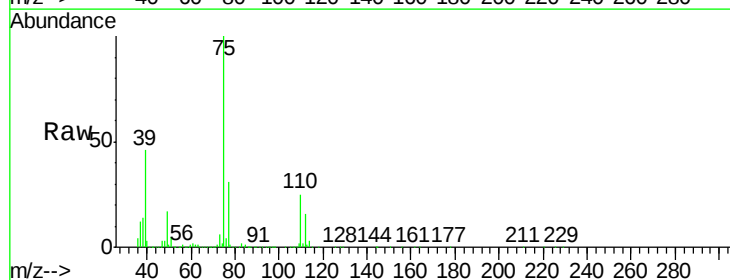
Tgt Ion: 75 Resp: 391351

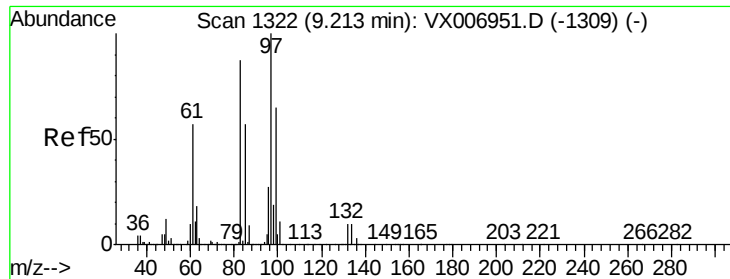
Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 45.9 36.7 55.1





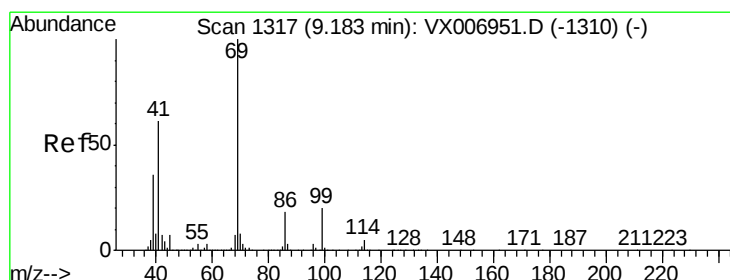
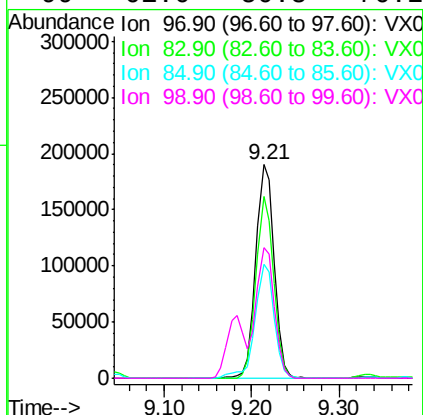
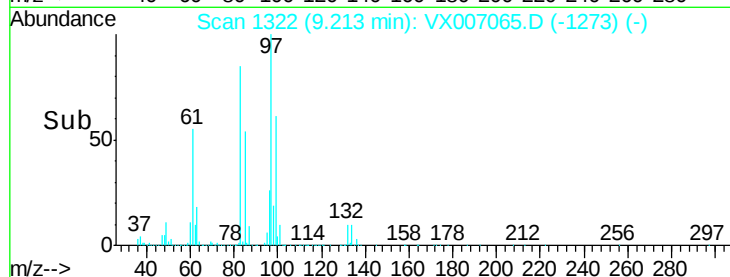
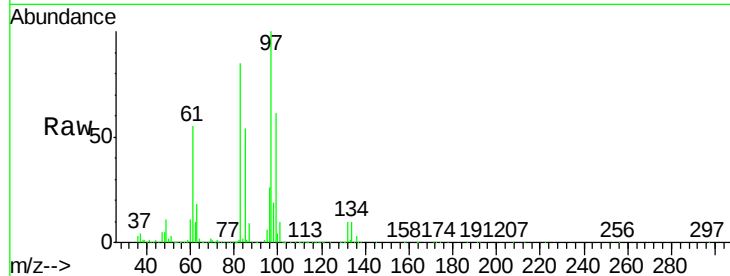
#55
 1,1,2-Trichloroethane
 Concen: 52.391 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.6	99.8
85	53.6	42.7	64.1
99	61.0	50.8	76.2

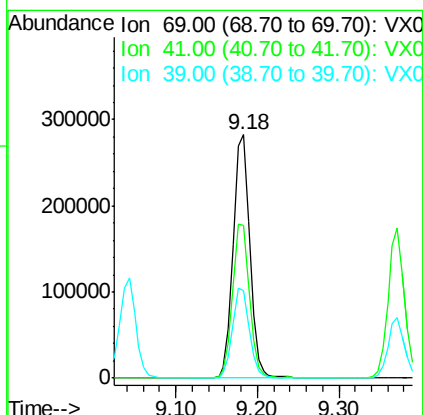
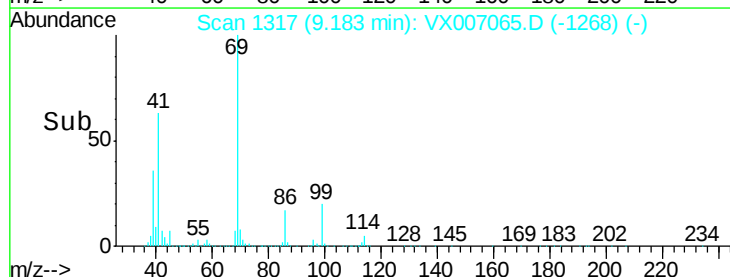
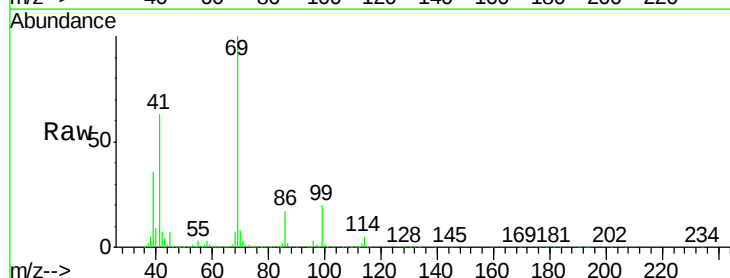
Manual Integrations
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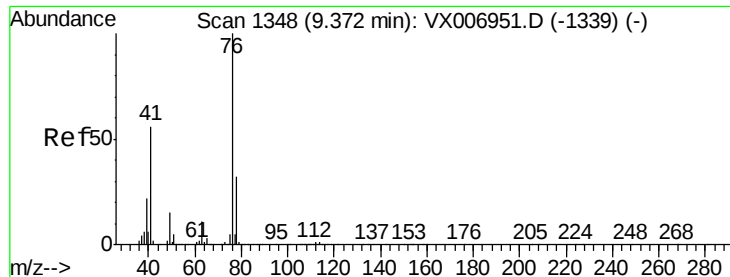
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#56
 Ethyl methacrylate
 Concen: 51.203 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.3	48.7	73.1
39	37.2	27.0	40.6





#57

1,3-Dichloropropane

Concen: 50.486 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 436711

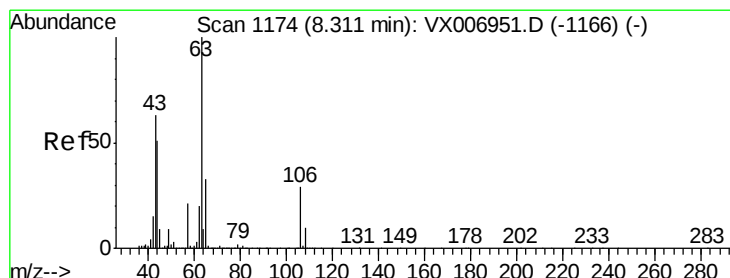
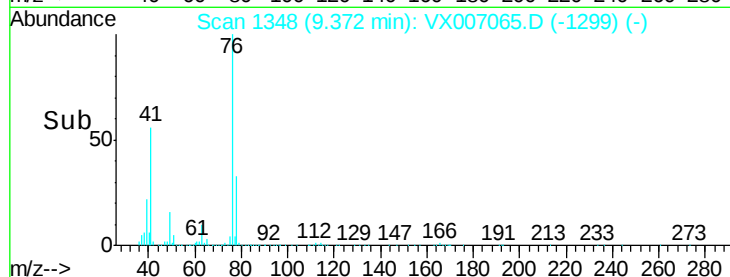
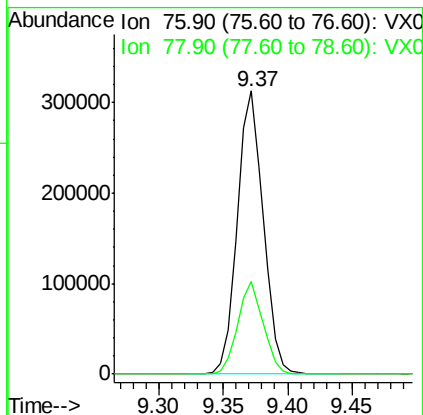
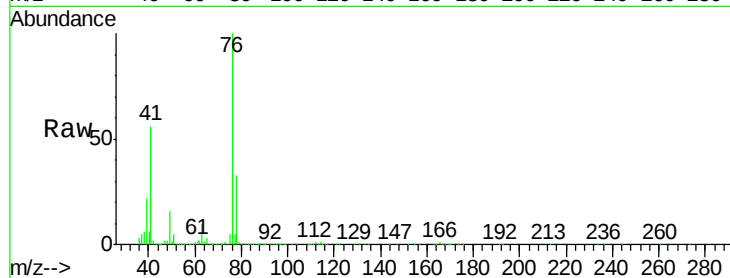
Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 259.775 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007065.D

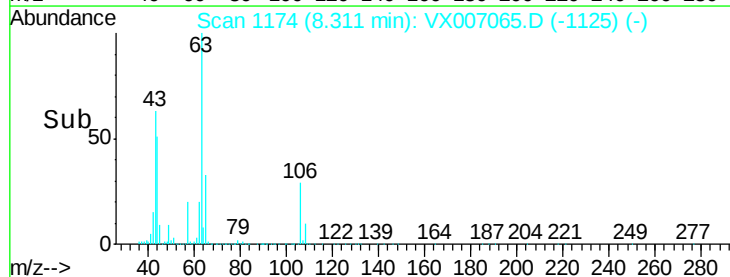
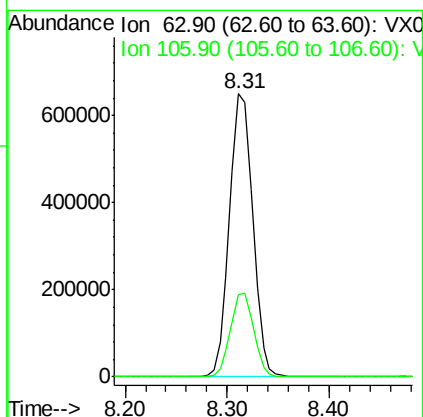
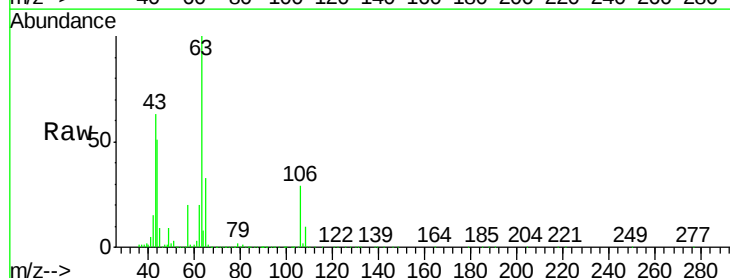
Acq: 15 Jan 2019 18:13

Tgt Ion: 63 Resp: 1029535

Ion Ratio Lower Upper

63 100

106 29.6 24.6 36.8





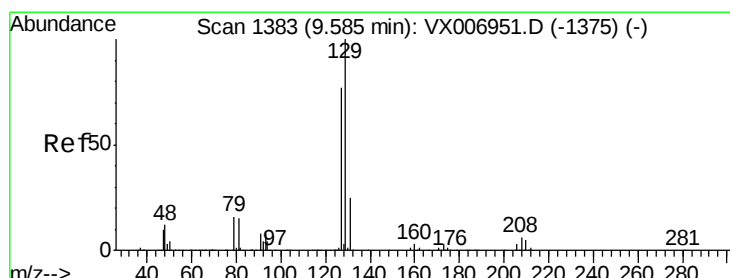
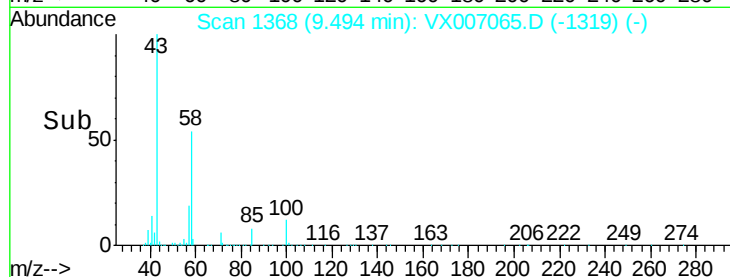
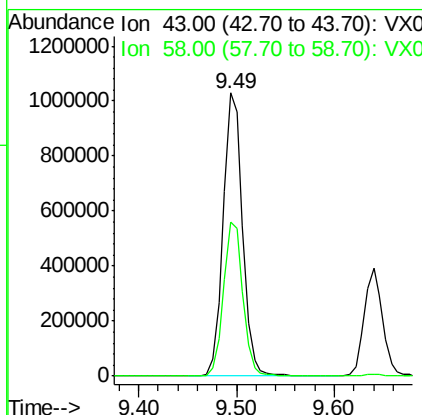
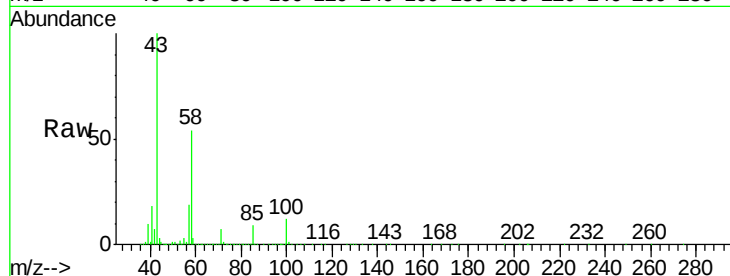
#59
2-Hexanone
Concen: 253.591 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1412661
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1

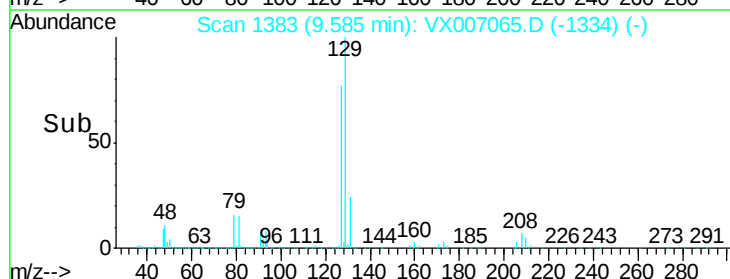
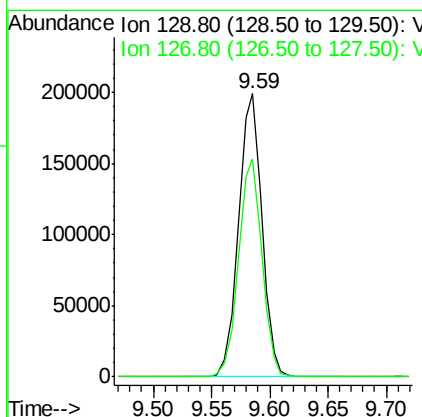
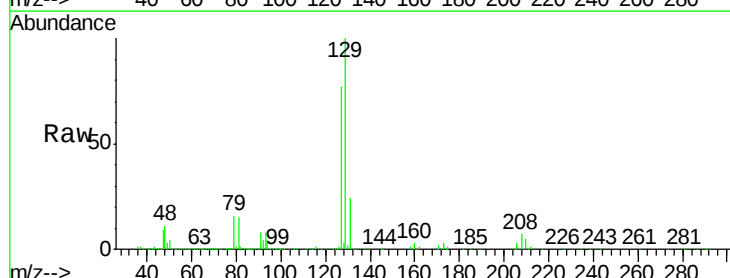
Manual Integrations
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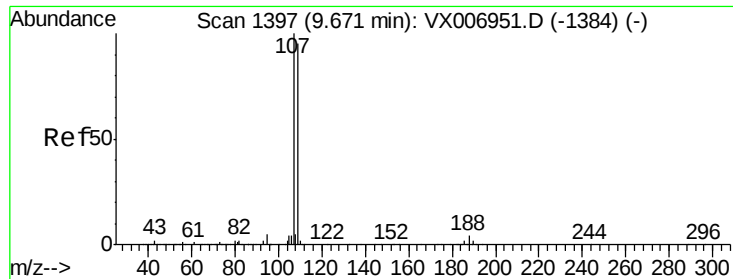
MMDadoda
1/16/2019 9:20:07 AM



#60
Dibromochloromethane
Concen: 54.365 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 129 Resp: 278734
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.377 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 292828

Ion Ratio Lower Upper

107 100

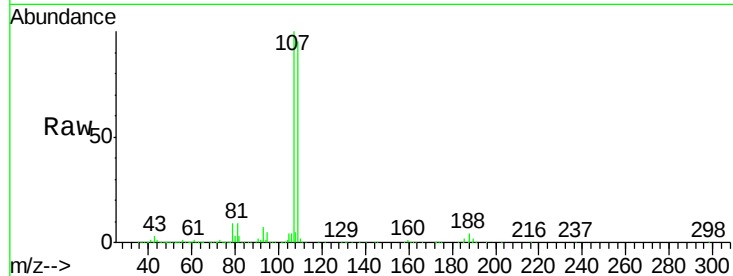
109 95.1 75.8 113.6

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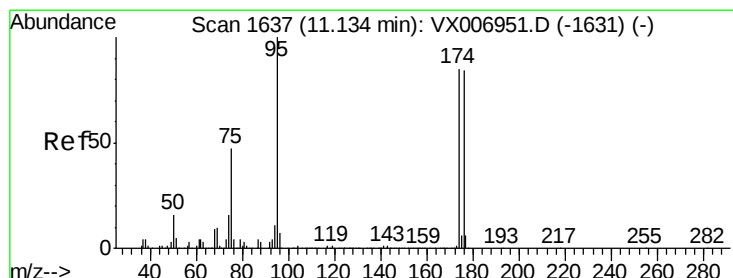
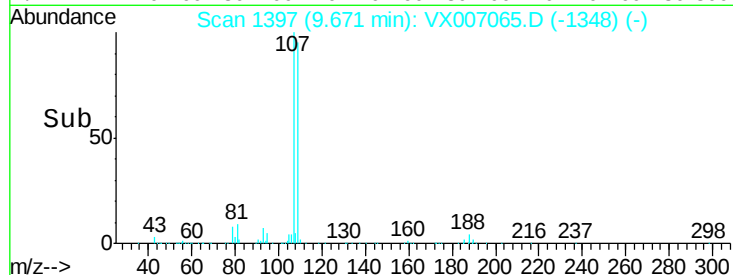
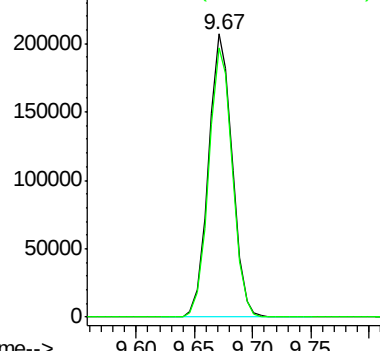
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

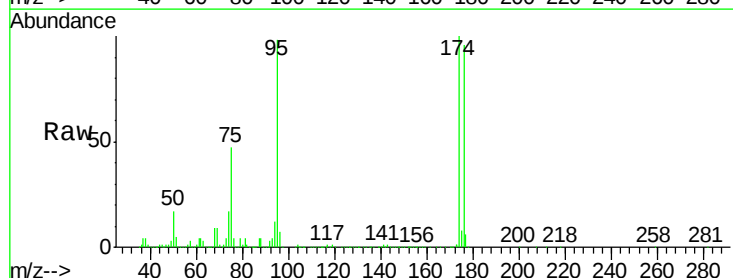
Tgt Ion: 95 Resp: 320875

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.2

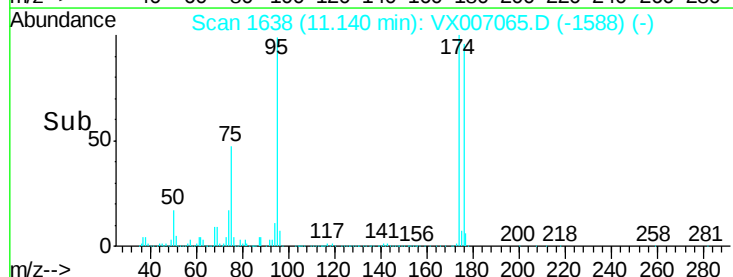
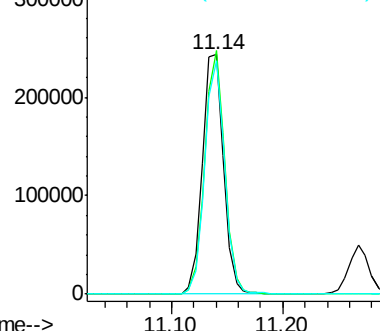
176 92.0 0.0 178.8

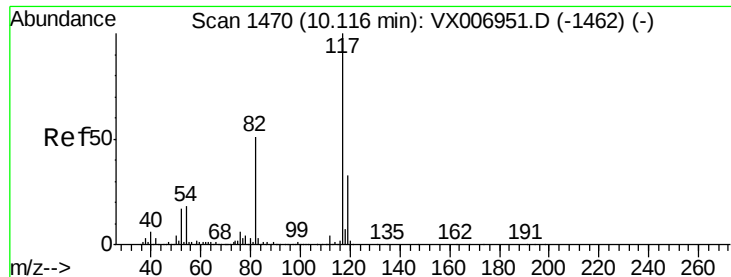


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





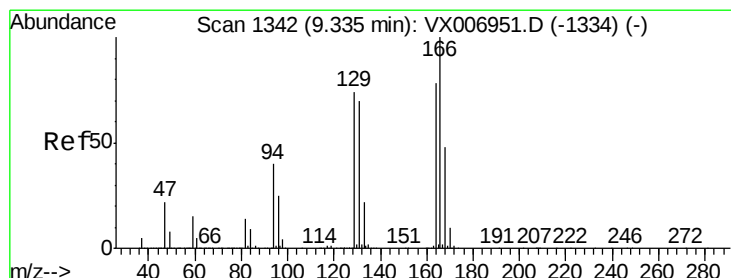
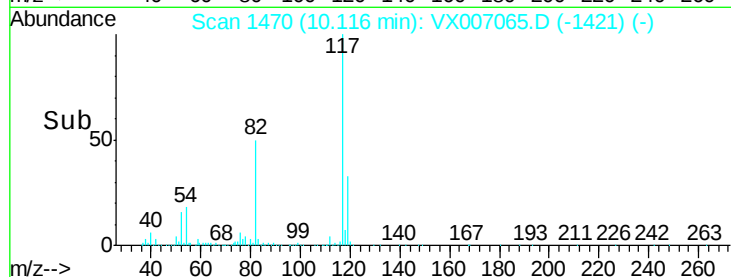
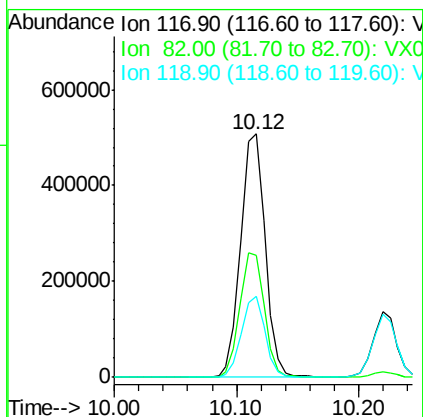
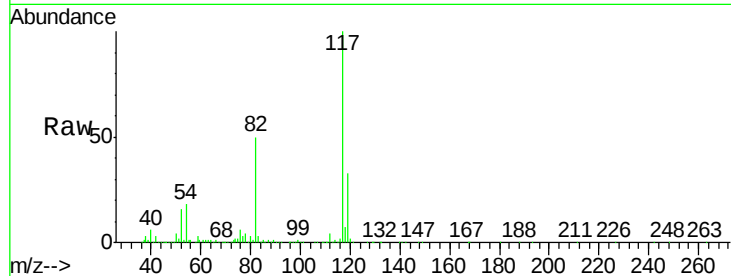
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	707045		
82	50.4		41.0	61.6
119	33.1		25.4	38.0

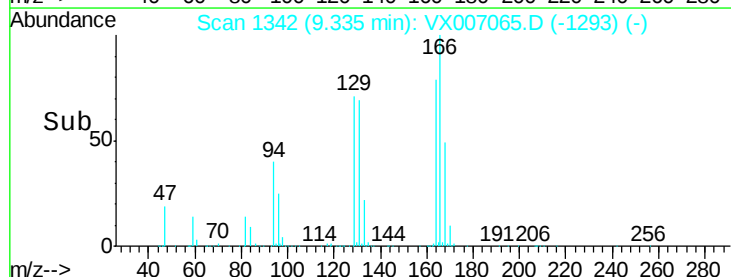
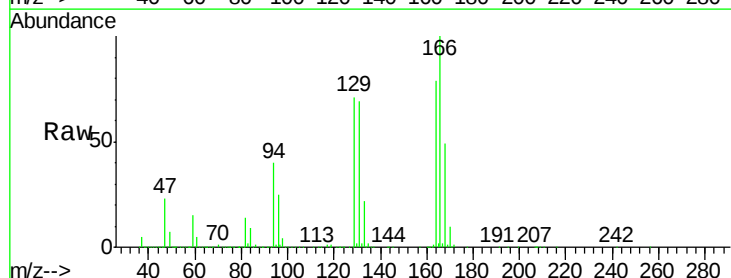
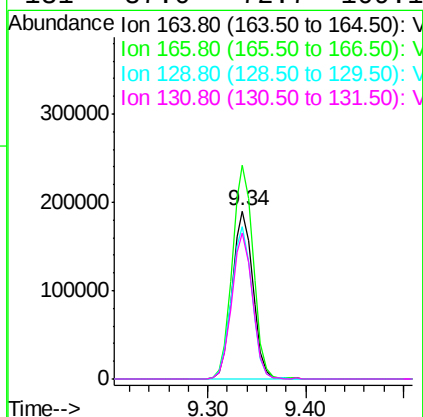
Manual Integrations
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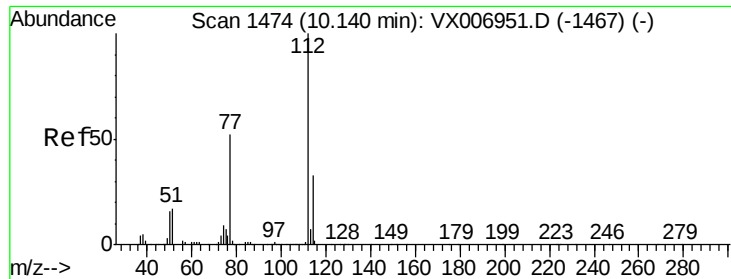
MMDadoda
1/16/2019 9:20:07 AM



#64
Tetrachloroethene
Concen: 45.628 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279309		
166	127.0		102.5	153.7
129	90.5		75.1	112.7
131	87.0		72.7	109.1





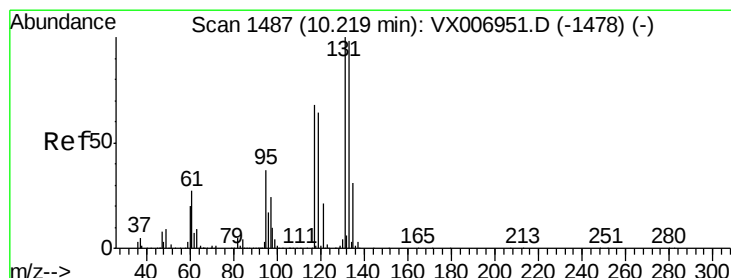
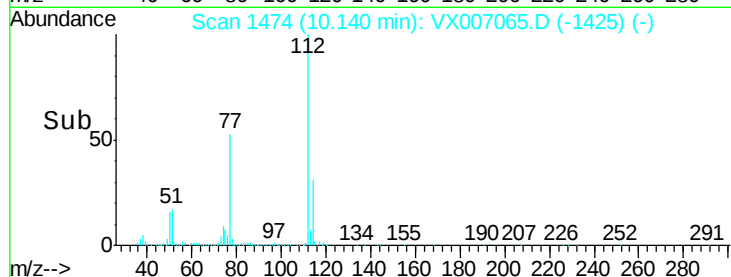
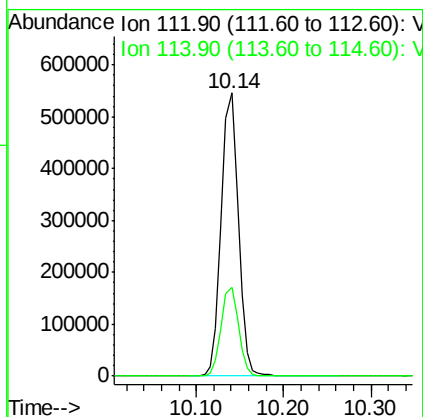
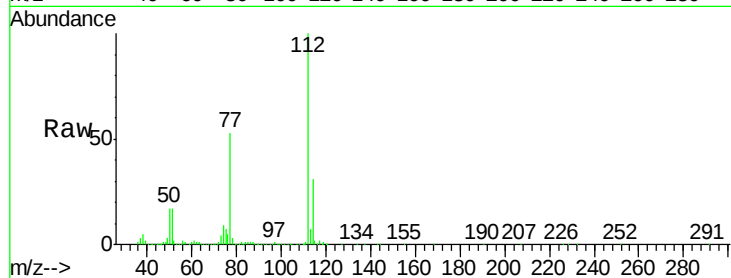
#65
Chlorobenzene
Concen: 48.201 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.7	38.5

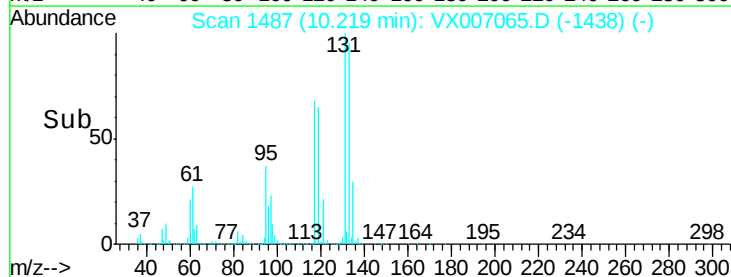
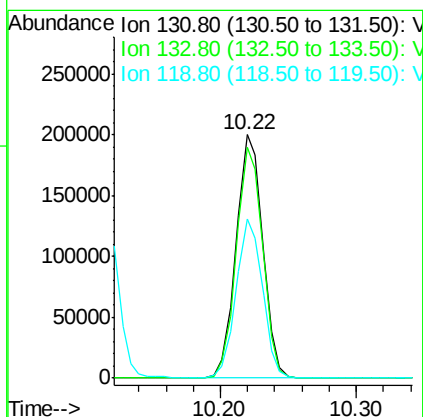
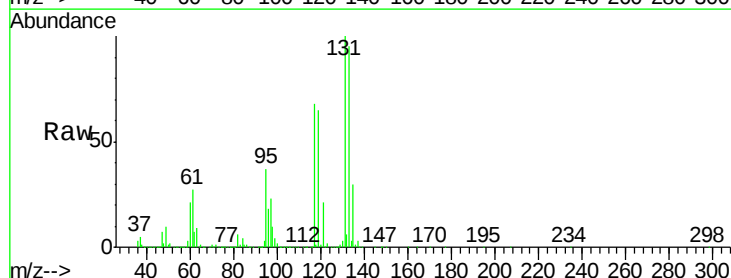
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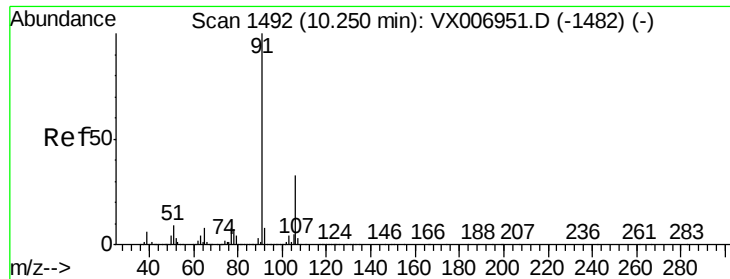
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.561 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	48.0	144.2
119	64.7	32.6	97.8





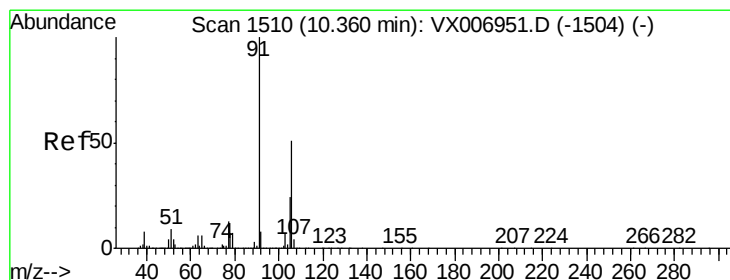
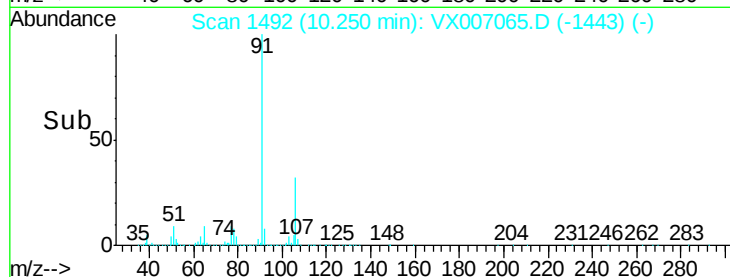
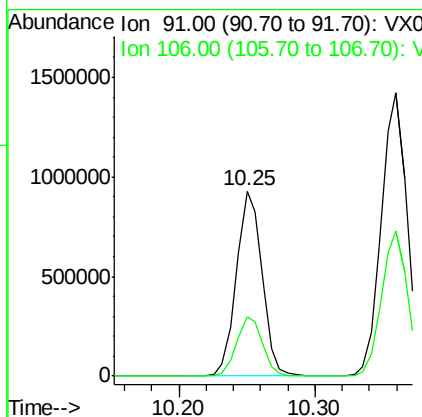
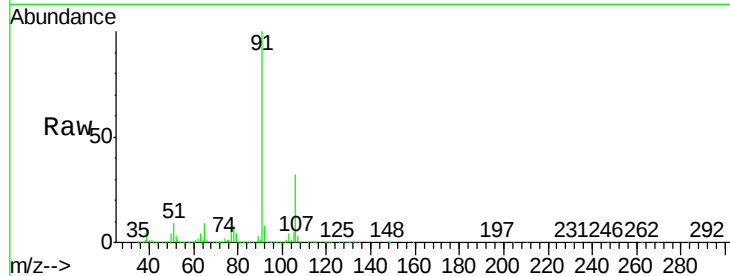
#67
Ethyl Benzene
Concen: 48.037 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1222925
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6

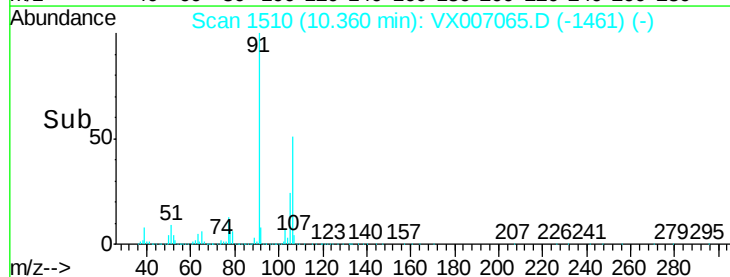
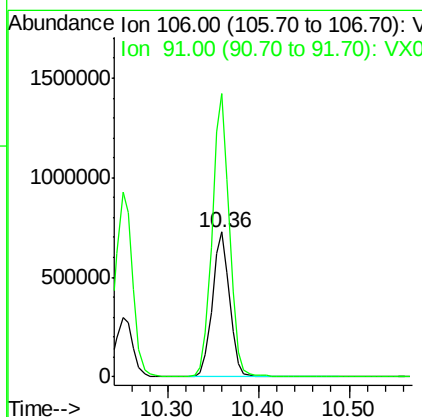
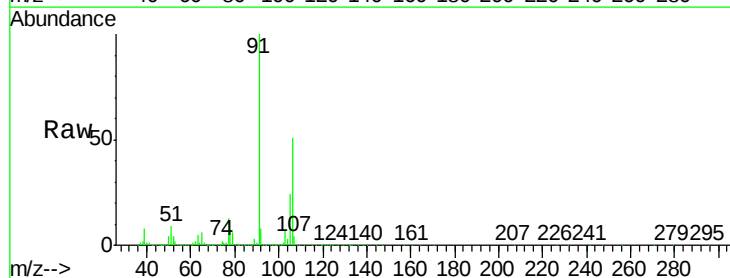
Manual Integrations
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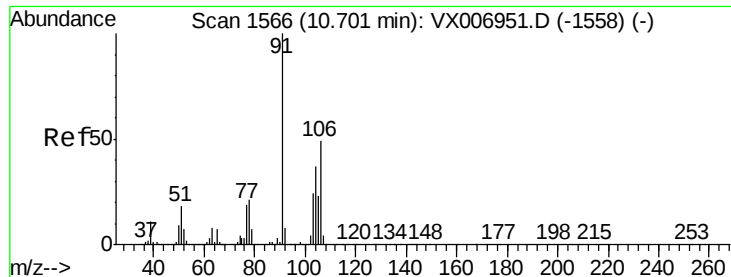
MMDadoda
1/16/2019 9:20:07 AM



#68
m/p-Xylenes
Concen: 97.481 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 106 Resp: 977745
Ion Ratio Lower Upper
106 100
91 193.8 155.8 233.6





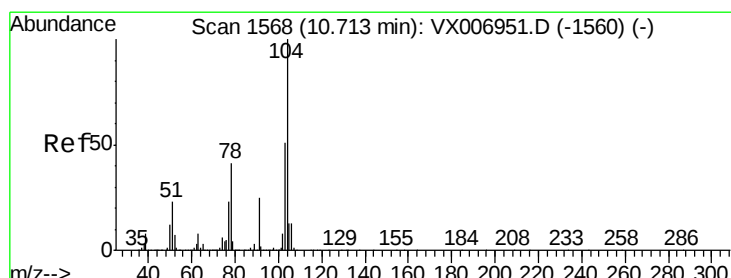
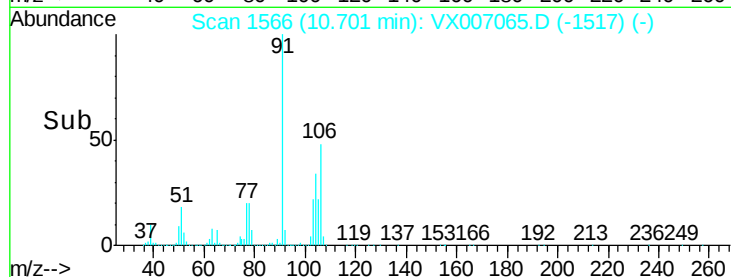
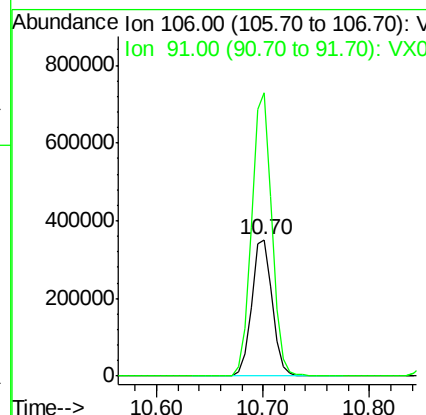
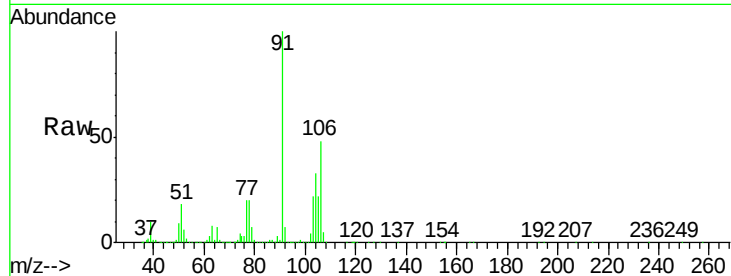
#69
o-Xylene
Concen: 48.571 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	204.5	101.3	303.7	

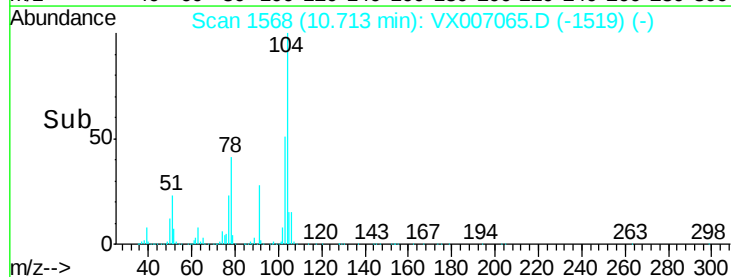
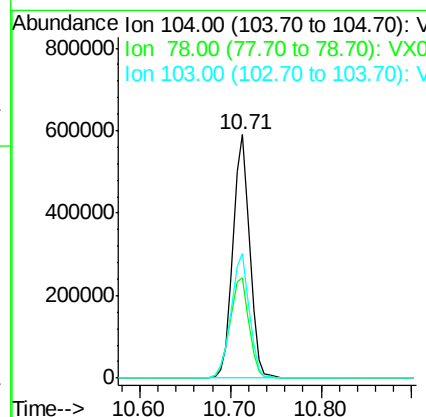
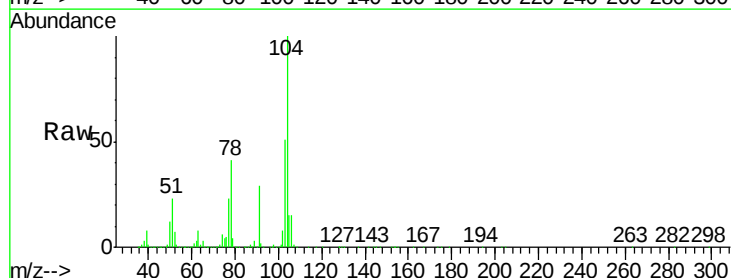
Manual Integrations
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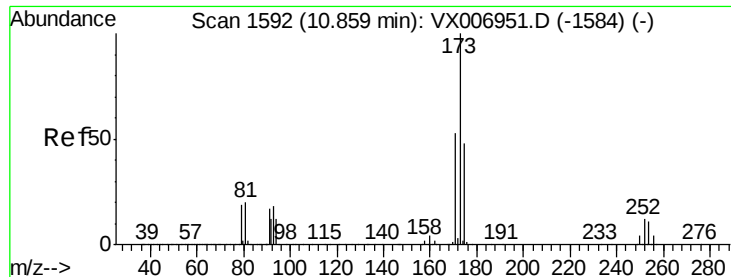
MMDadoda
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#70
Styrene
Concen: 49.288 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.4	37.7	56.5	
103	56.1	43.8	65.8	





#71

Bromoform

Concen: 45.177 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 207337

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

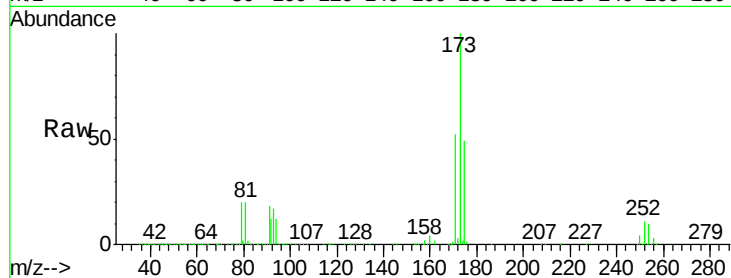
254 0.1 0.2 0.2#

Manual Integrations

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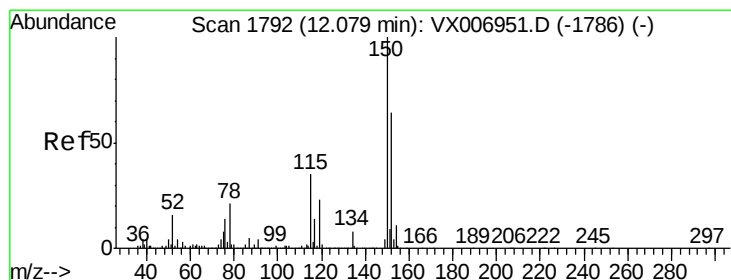
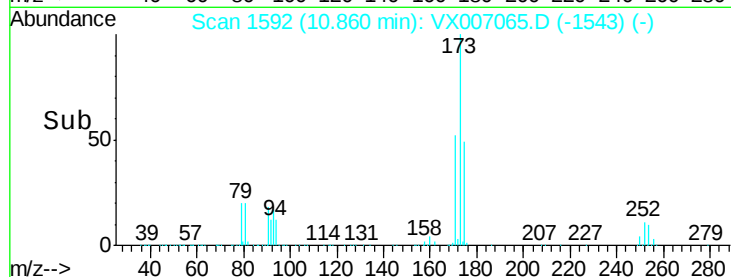
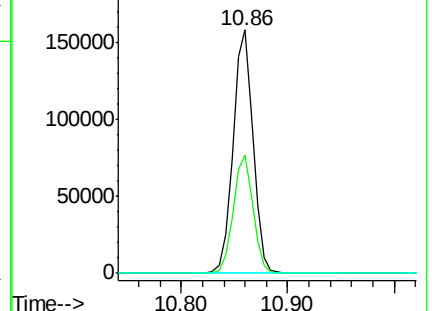
1/16/2019 9:20:07 AM



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: VX007065.D

Acq: 15 Jan 2019 18:13

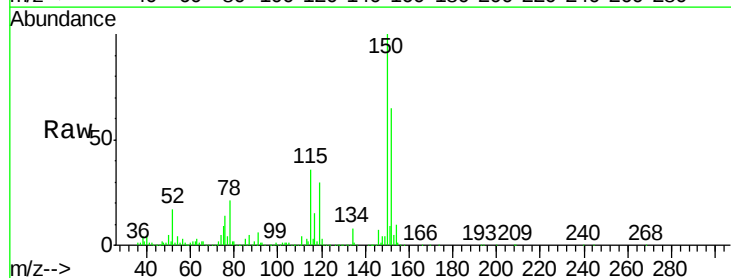
Tgt Ion:152 Resp: 362332

Ion Ratio Lower Upper

152 100

115 77.4 39.1 117.2

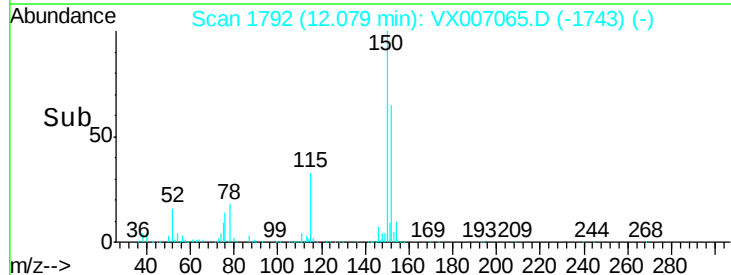
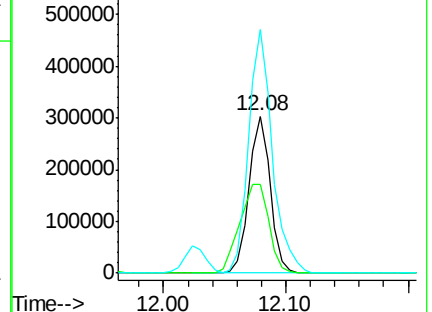
150 174.4 0.0 344.8

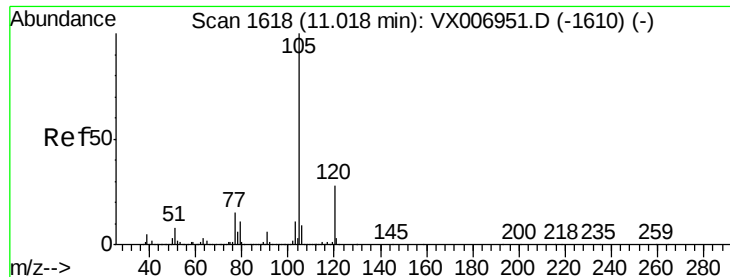


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1262204

Ion Ratio Lower Upper

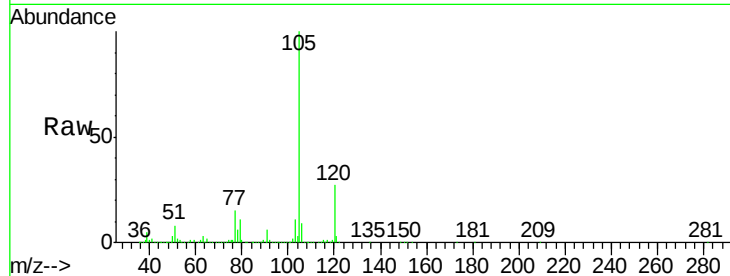
105 100

120 27.5 14.1 42.4

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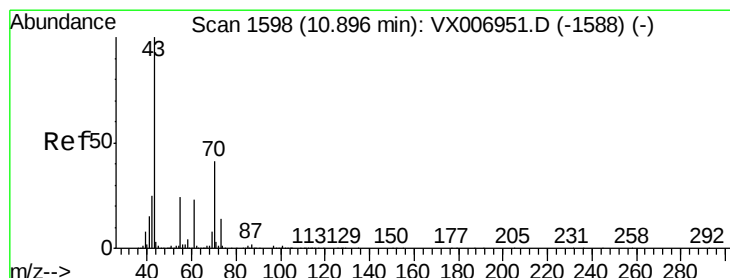
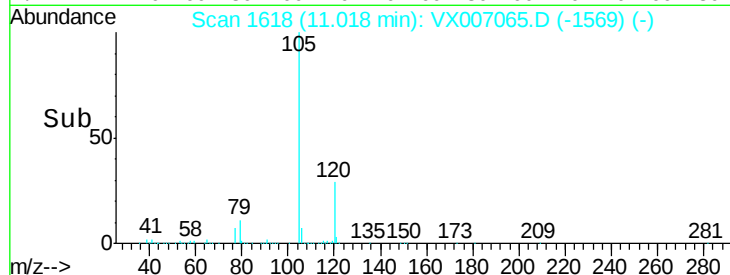
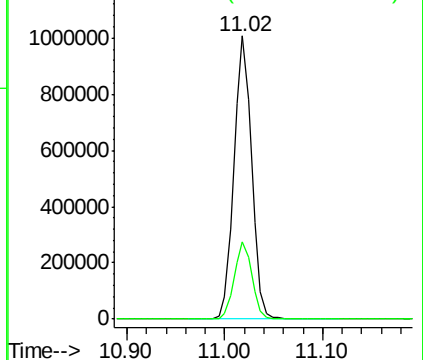
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.106 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion: 43 Resp: 505139

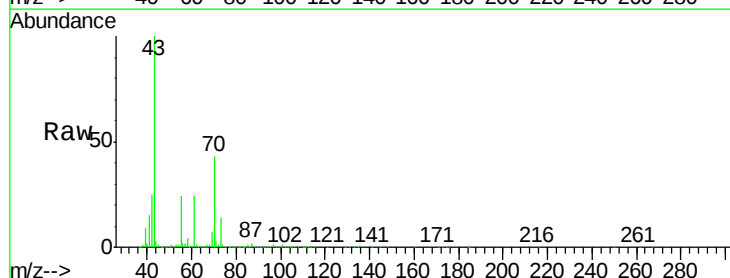
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.5 19.4 29.0

61 24.6 20.1 30.1

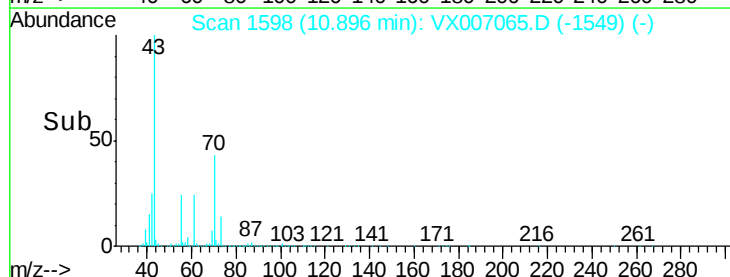
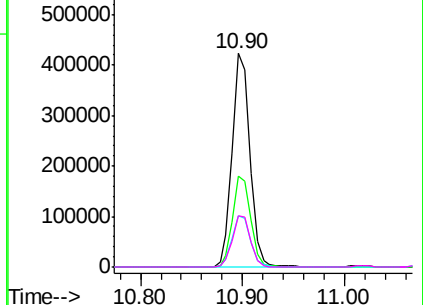


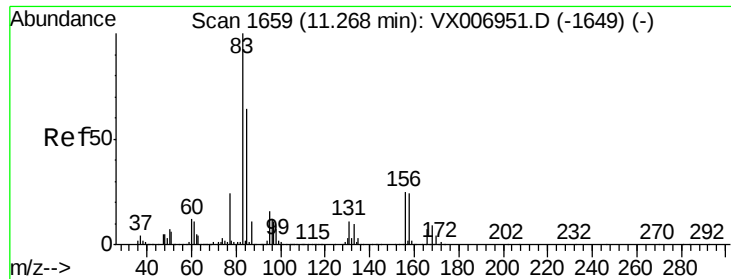
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 48.263 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

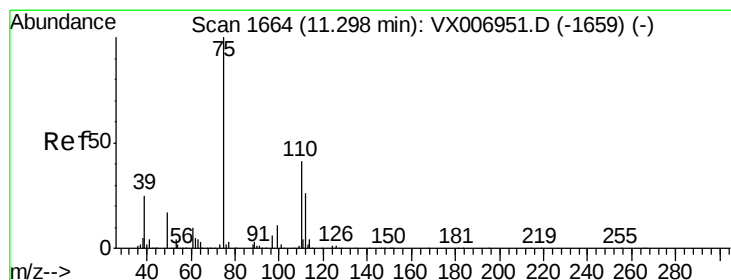
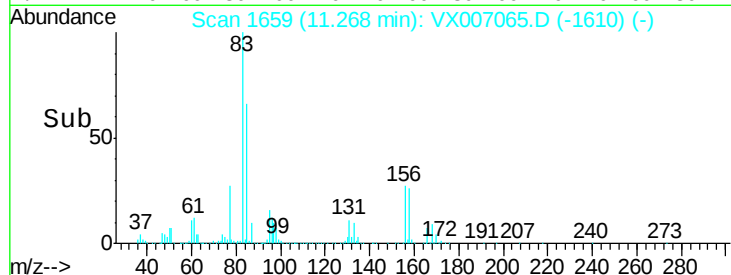
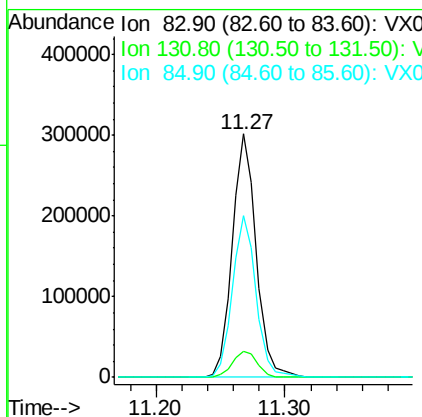
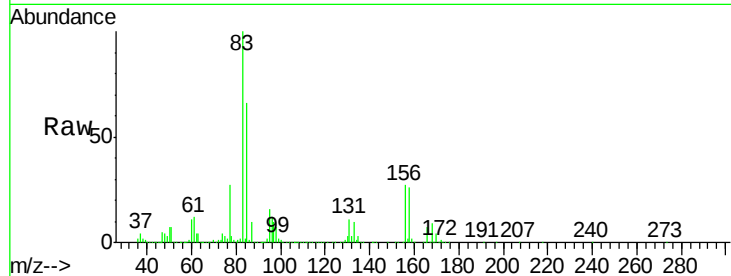
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	391468
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	65.8	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.230 ug/l m

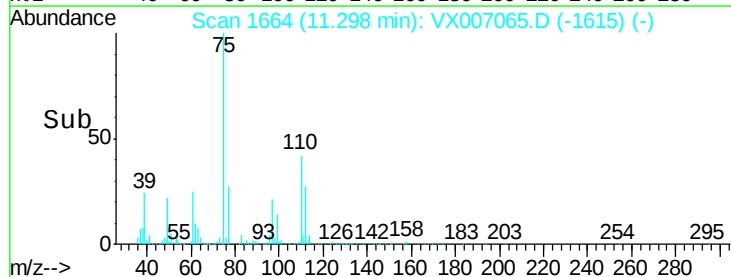
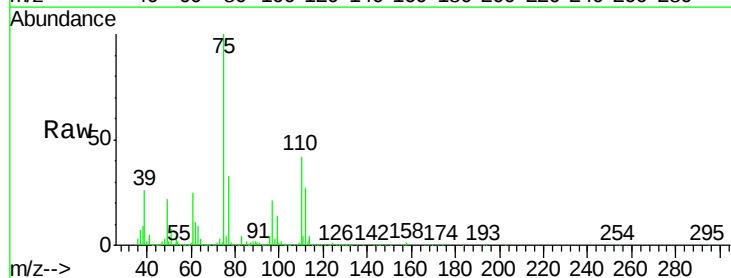
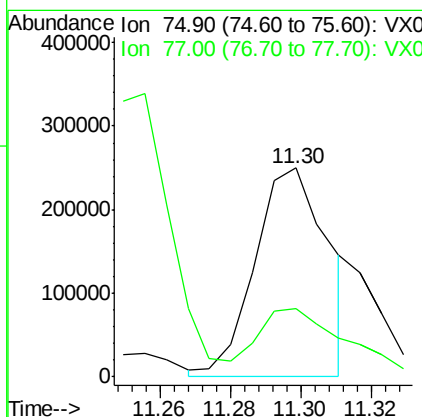
RT: 11.30 min Scan# 1664

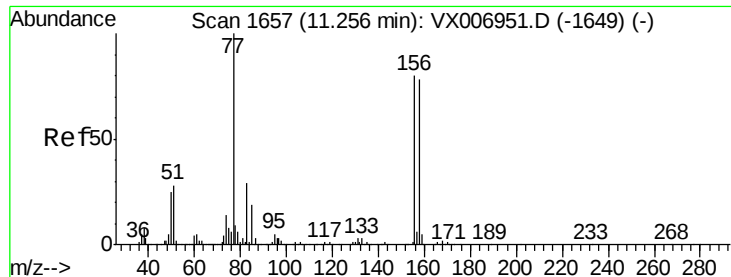
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:	75	Resp:	361470
Ion Ratio	Lower	Upper	
75	100		
77	39.2	18.5	55.5





#77

Bromobenzene

Concen: 47.802 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 336516

Ion Ratio Lower Upper

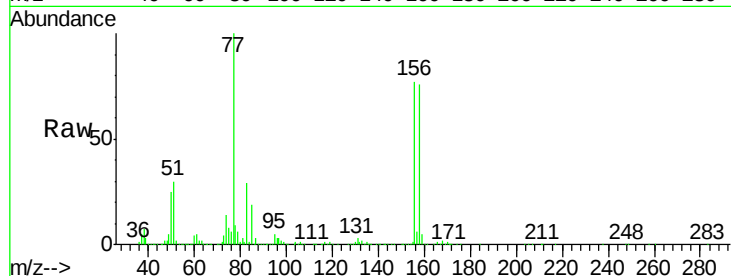
156 100

77 134.4 68.0 204.0

158 98.5 48.3 144.8

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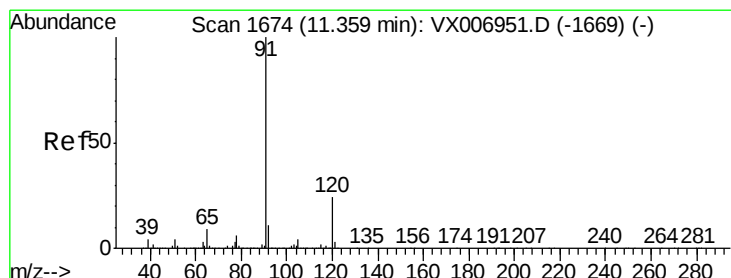
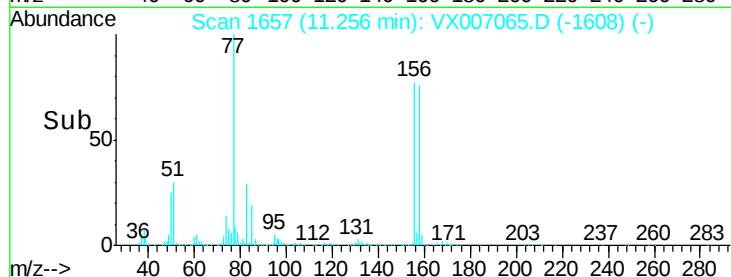
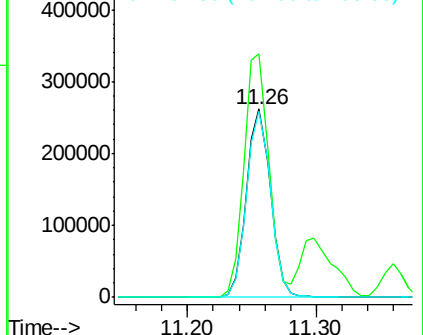
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.376 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007065.D

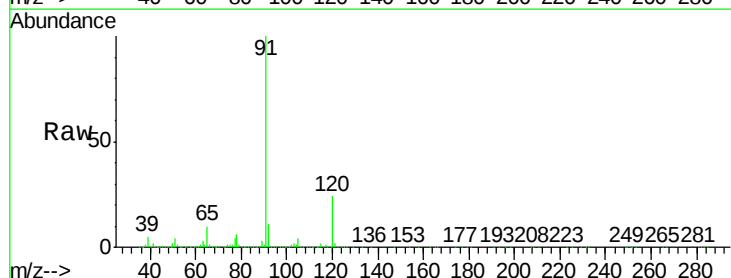
Acq: 15 Jan 2019 18:13

Tgt Ion: 91 Resp: 1384905

Ion Ratio Lower Upper

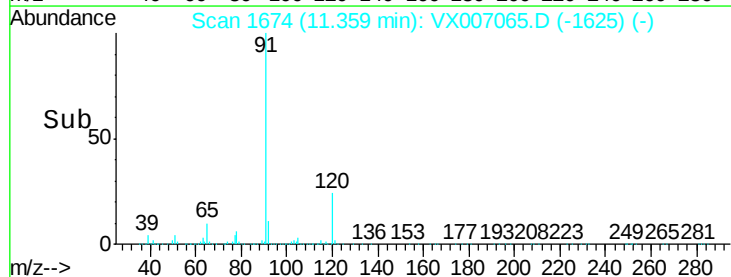
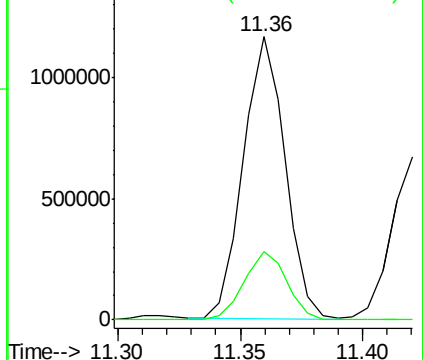
91 100

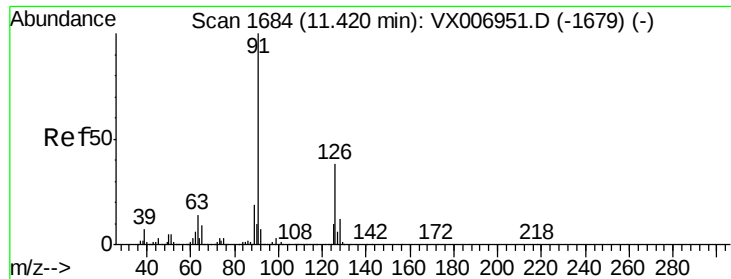
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 818174

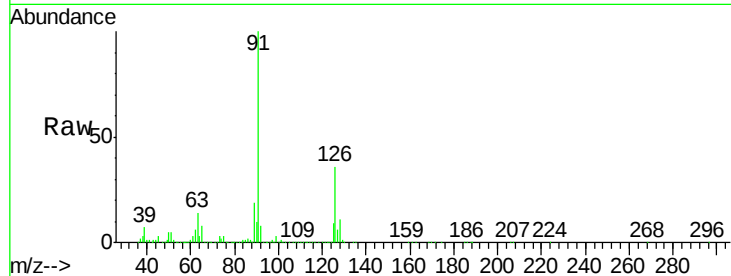
Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0

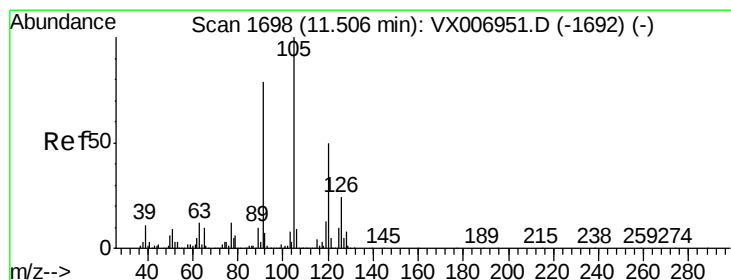
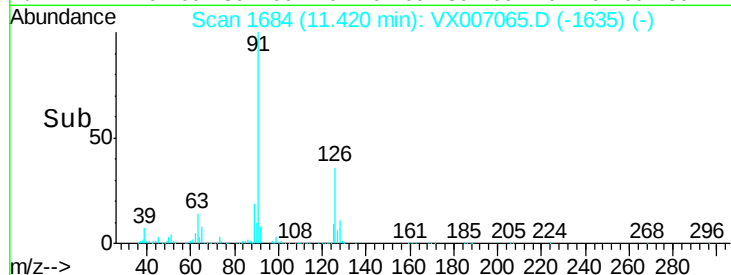
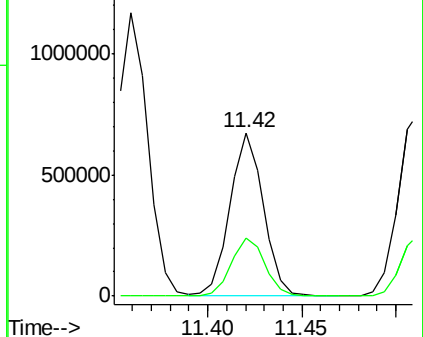
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Abundance Ion 91.00 (90.70 to 91.70): VX007065.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007065.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.943 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007065.D

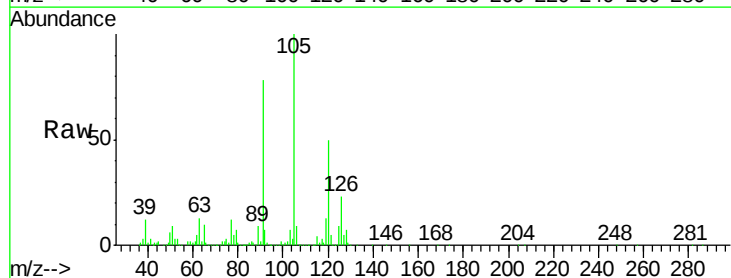
Acq: 15 Jan 2019 18:13

Tgt Ion: 105 Resp: 1044864

Ion Ratio Lower Upper

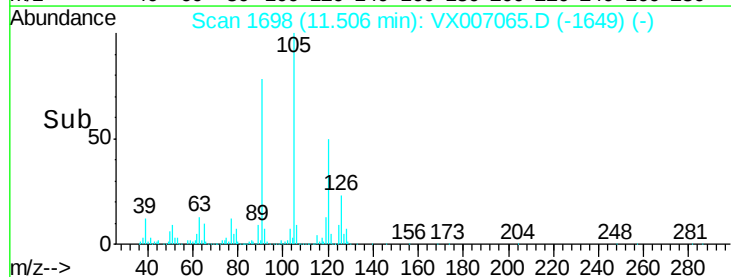
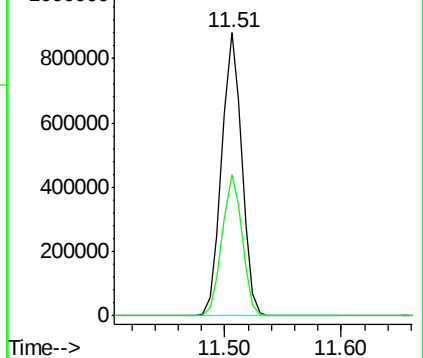
105 100

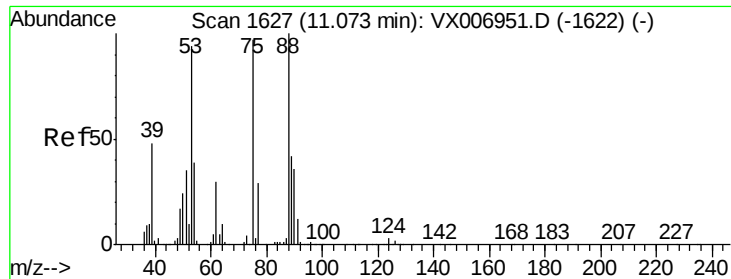
120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX007065.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007065.D (-1692) (-)





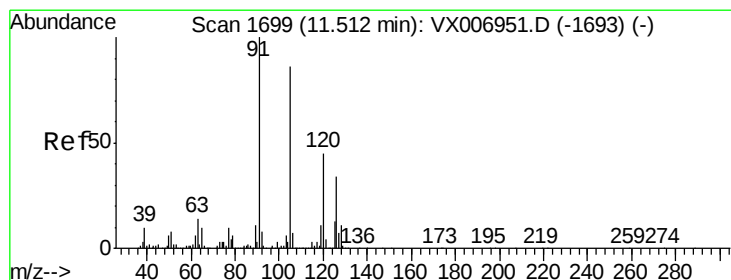
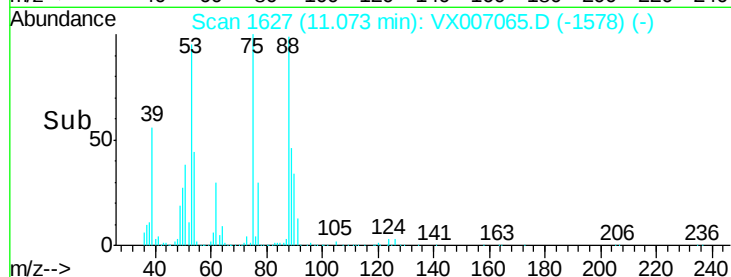
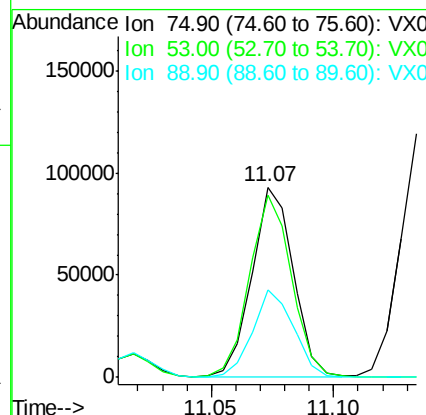
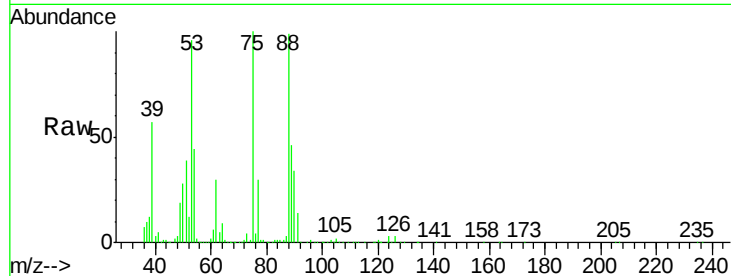
#81
trans-1,4-Dichloro-2-butene
Concen: 45.160 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.9	79.7	119.5
89	46.5	38.0	57.0

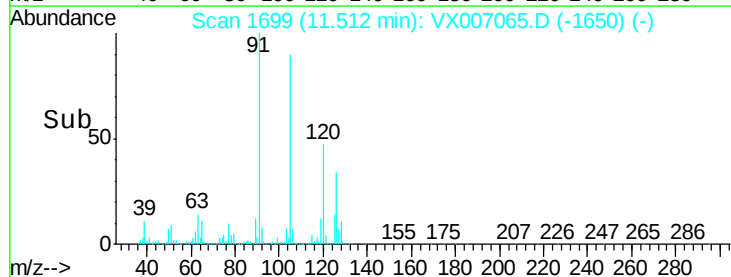
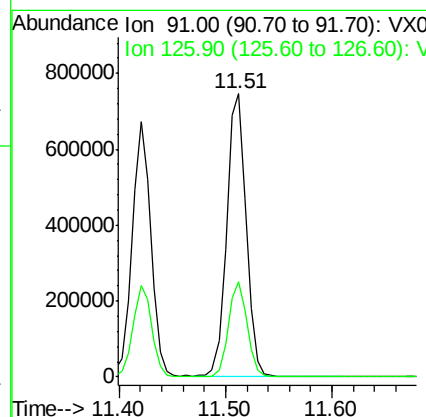
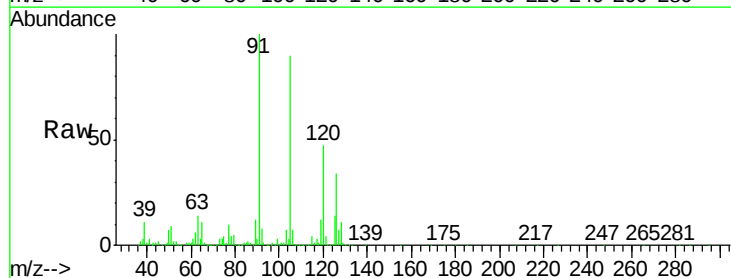
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#82
4-Chlorotoluene
Concen: 48.697 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 49.238 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1048767

Ion Ratio Lower Upper

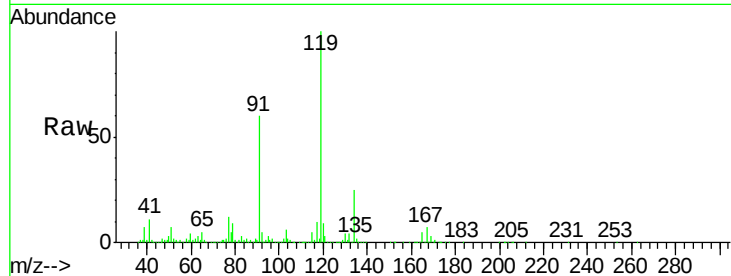
119 100

91 55.0 27.7 83.1

134 23.6 11.9 35.5

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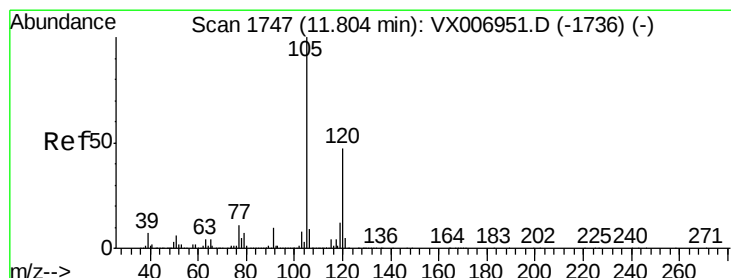
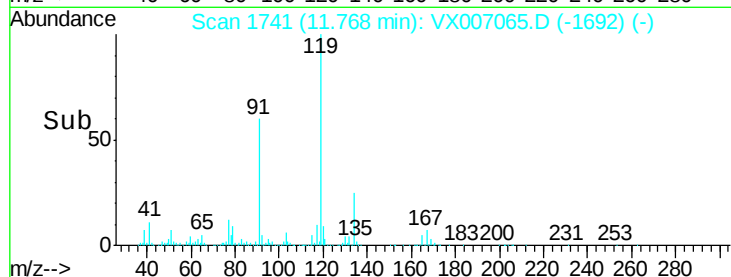
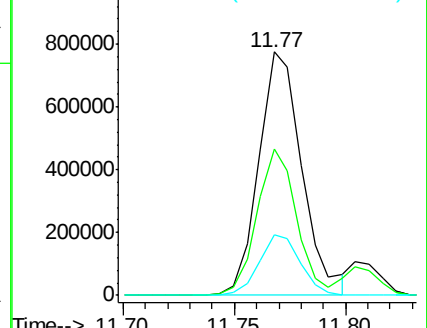
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.250 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007065.D

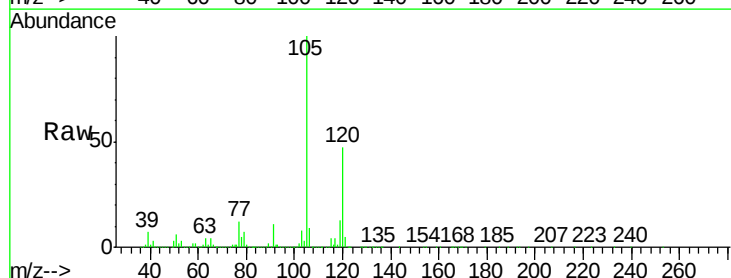
Acq: 15 Jan 2019 18:13

Tgt Ion:105 Resp: 1057299

Ion Ratio Lower Upper

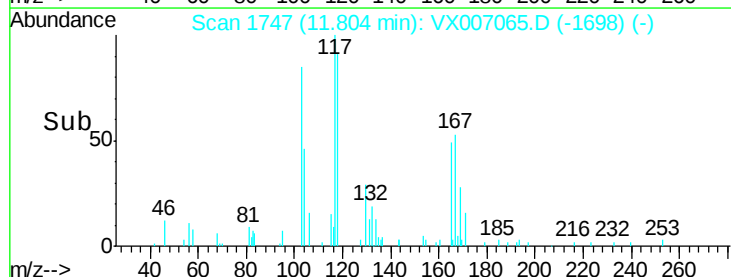
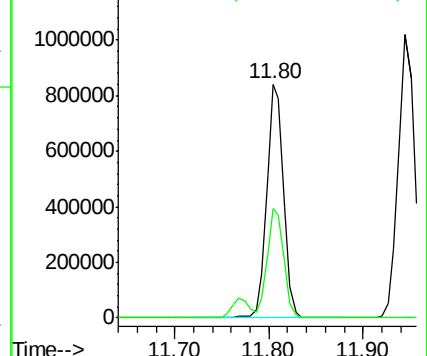
105 100

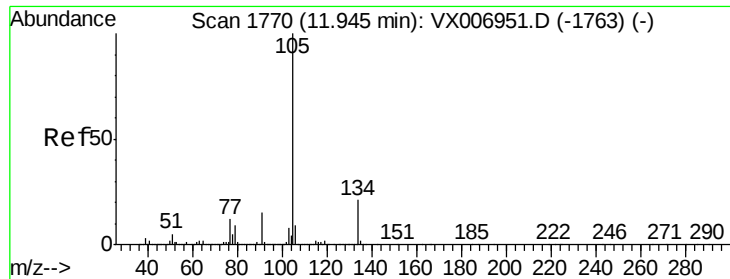
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.974 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1245812

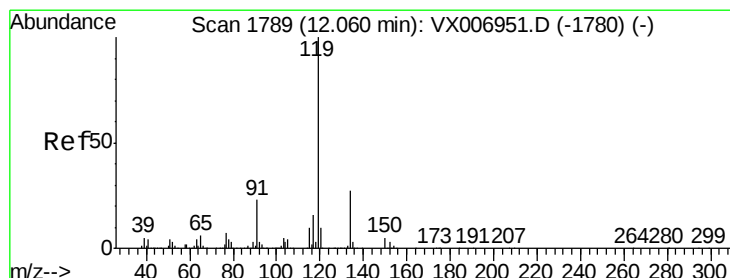
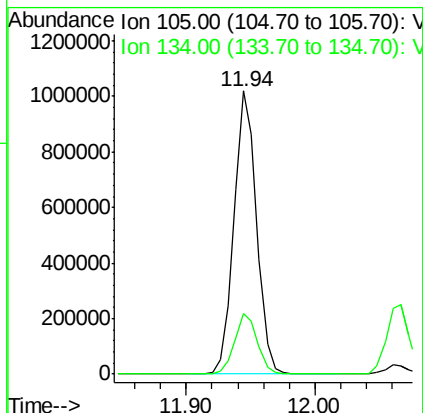
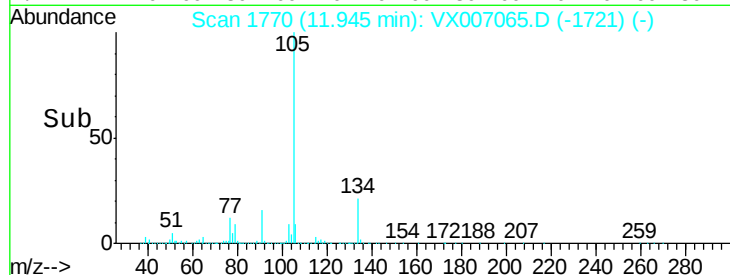
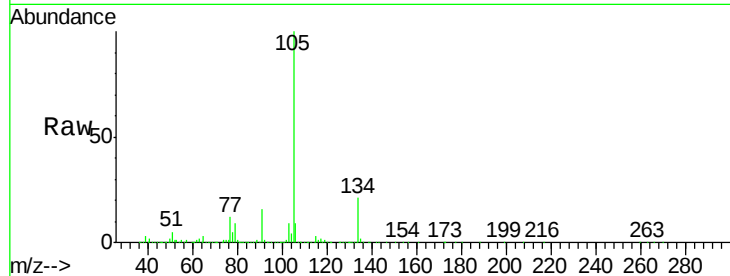
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 49.508 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

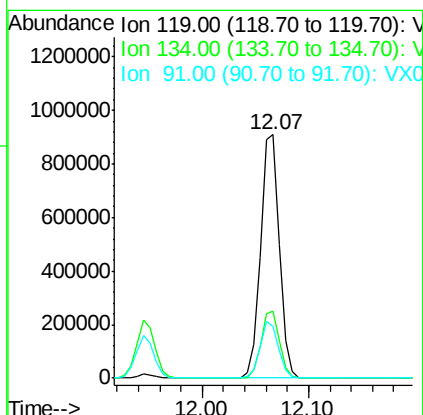
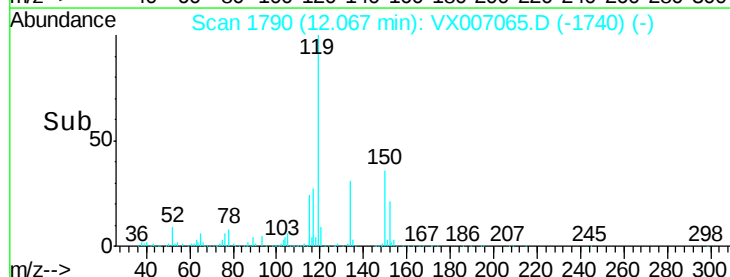
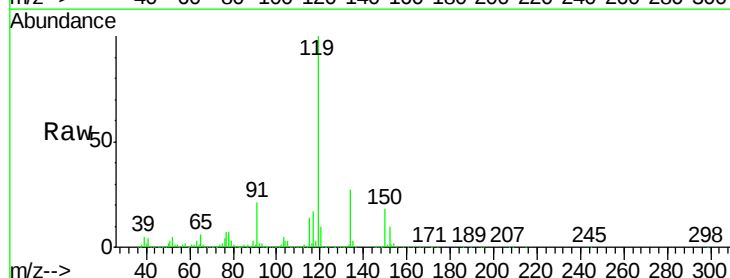
Tgt Ion:119 Resp: 1126489

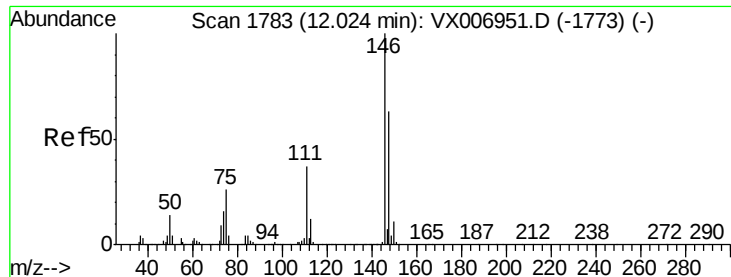
Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

91 22.4 11.3 33.9





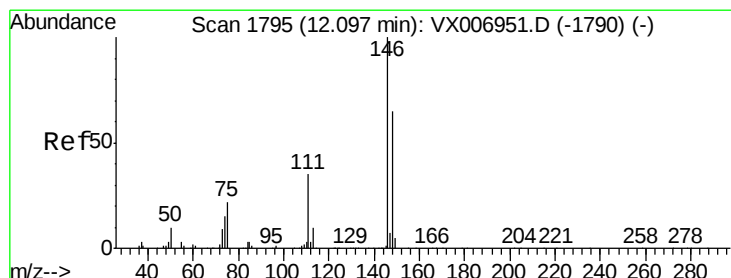
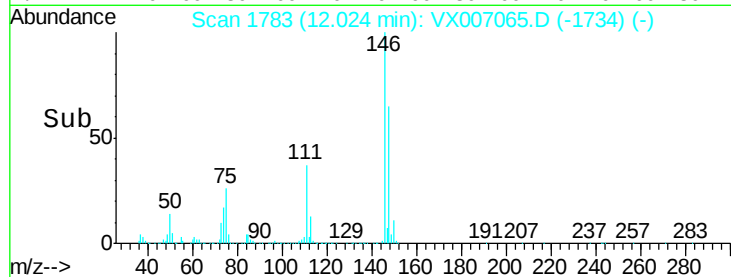
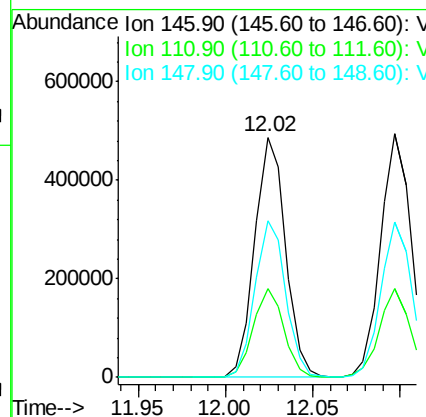
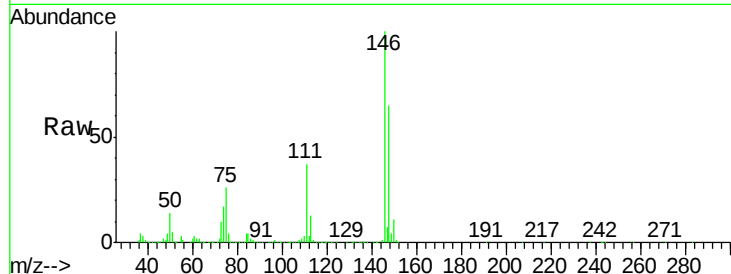
#87
 1,3-Dichlorobenzene
 Concen: 47.112 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	65.0	31.8	95.3

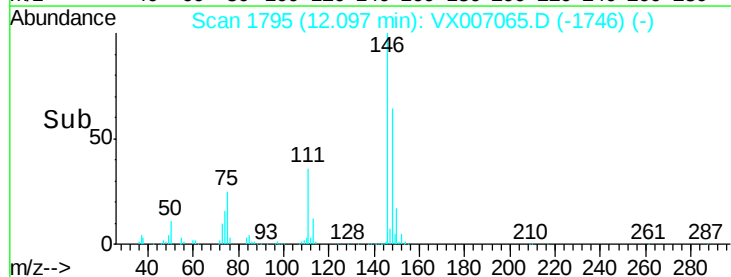
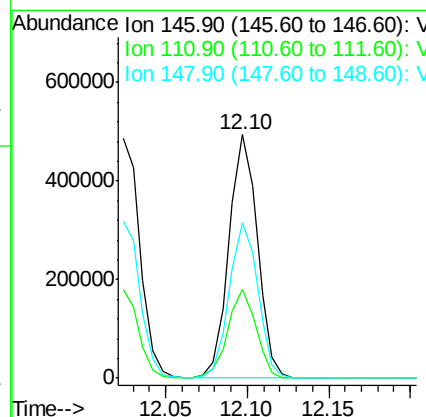
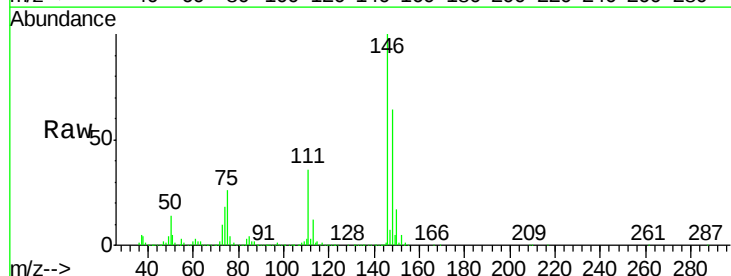
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#88
 1,4-Dichlorobenzene
 Concen: 49.766 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.8	31.9	95.9





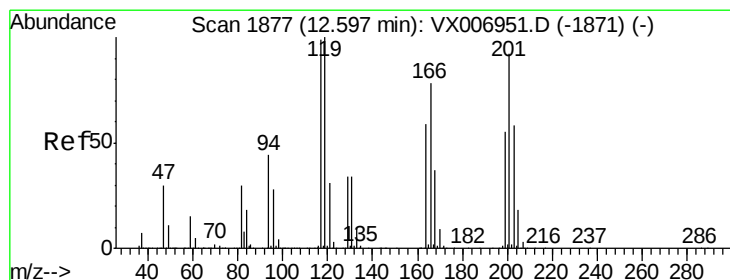
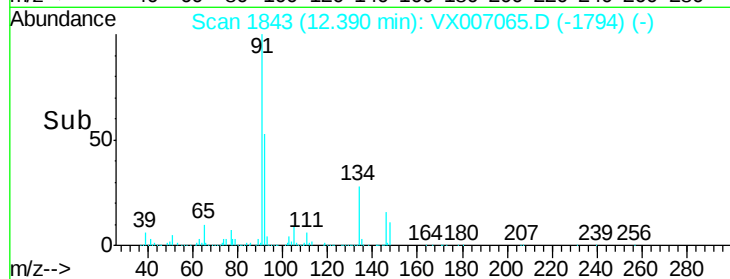
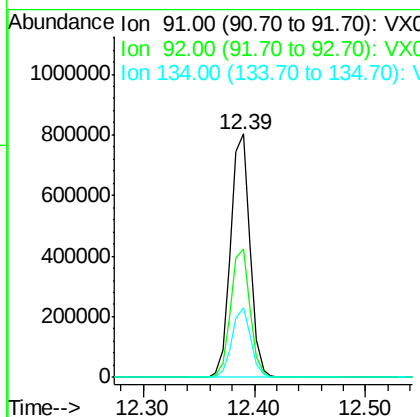
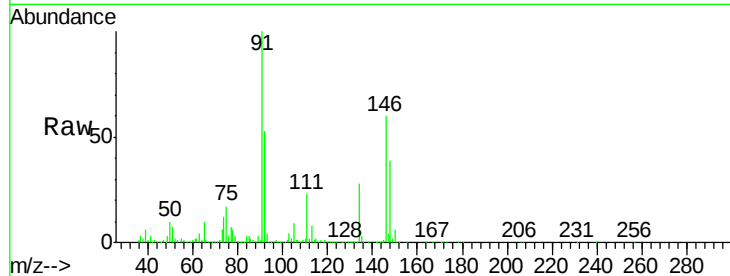
#89
n-Butylbenzene
Concen: 49.485 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	959847		
92	52.9		26.8	80.4
134	27.8		14.4	43.2

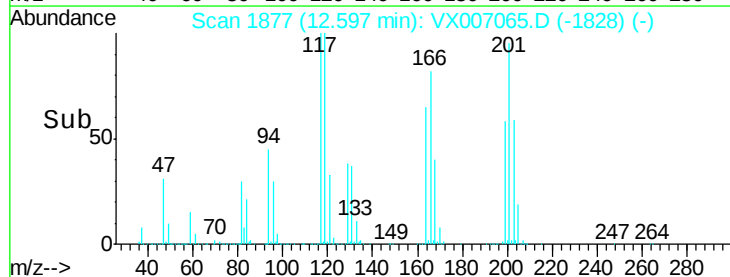
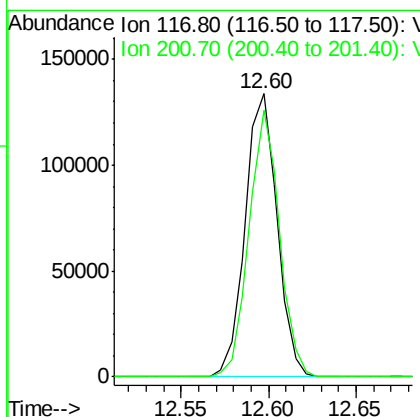
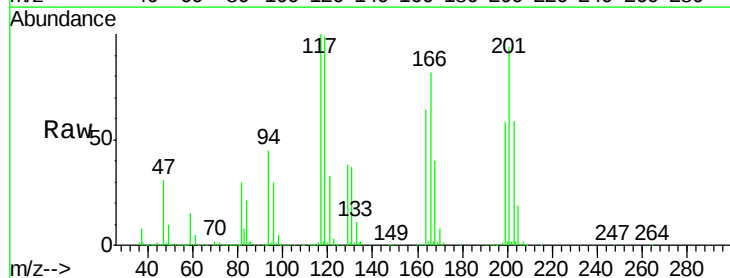
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#90
Hexachloroethane
Concen: 46.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169603		
201	89.8		42.9	128.7





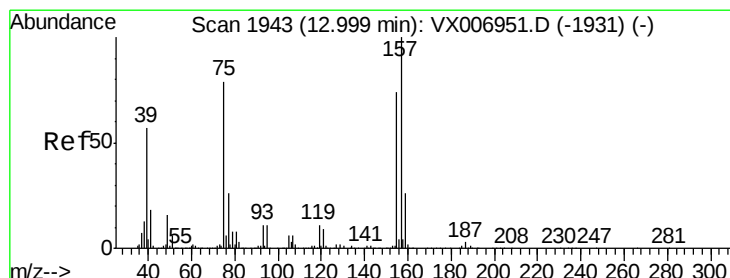
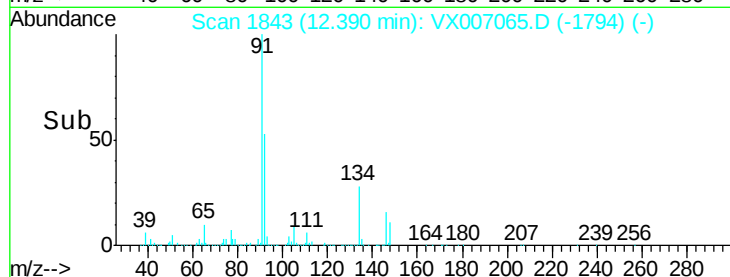
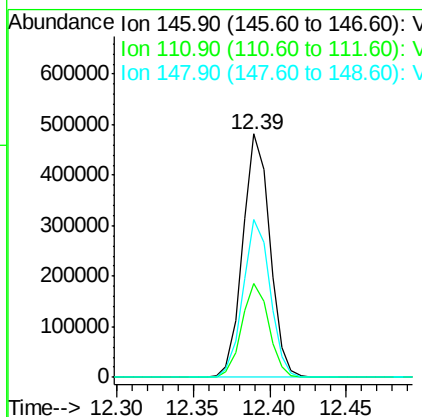
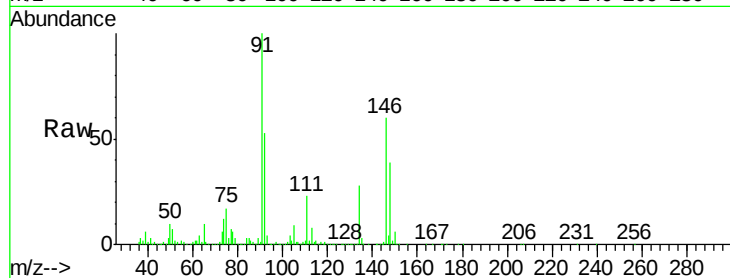
#91
 1,2-Dichlorobenzene
 Concen: 47.221 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.8	32.3	96.9

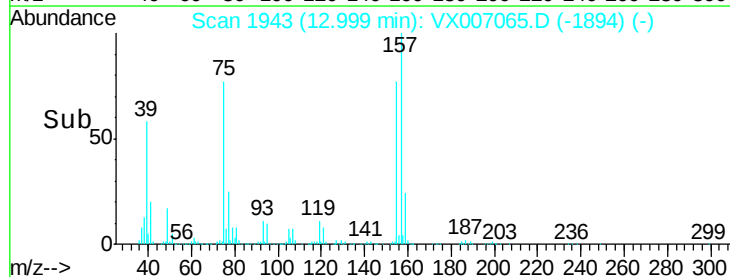
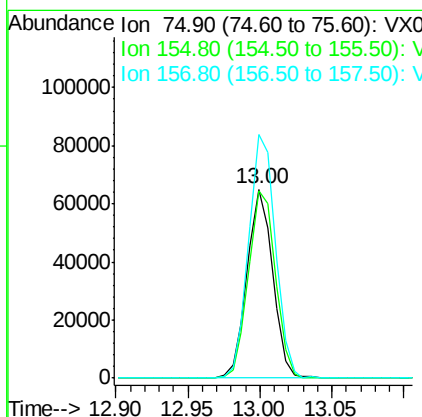
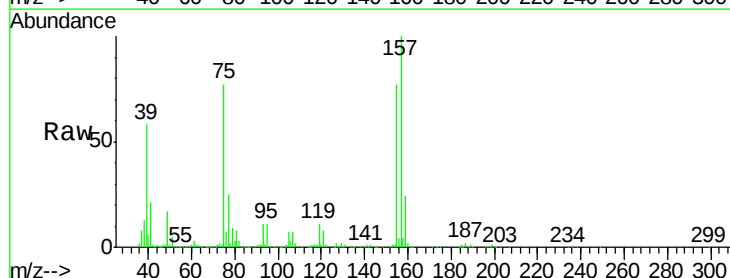
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.836 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.9	50.6	151.8
157	134.8	64.6	193.8





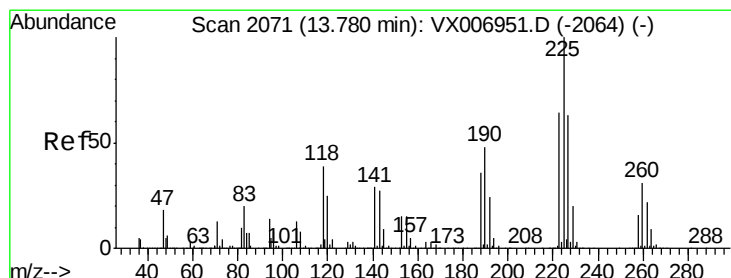
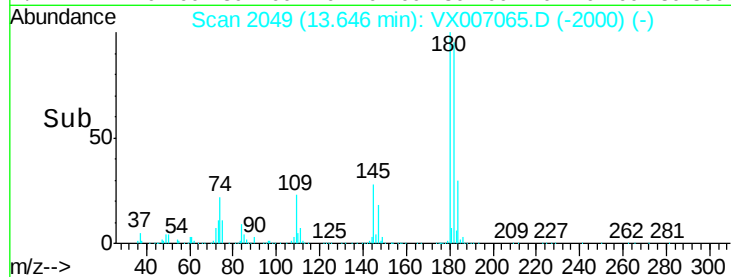
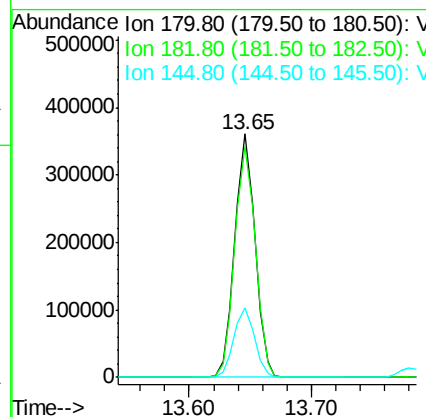
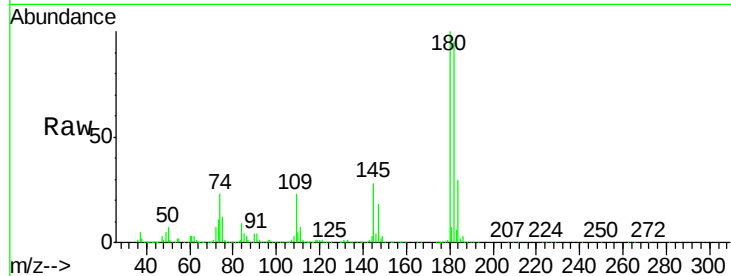
#93
 1,2,4-Trichlorobenzene
 Concen: 47.873 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	142.0
145	29.2	14.8	44.3

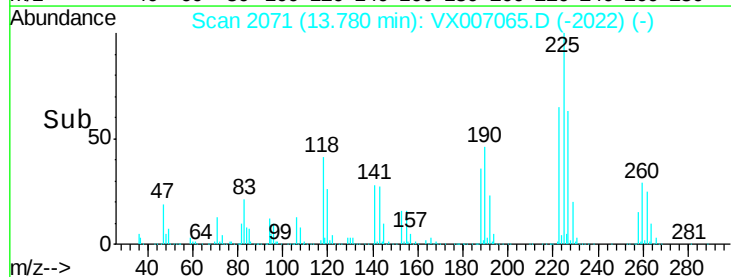
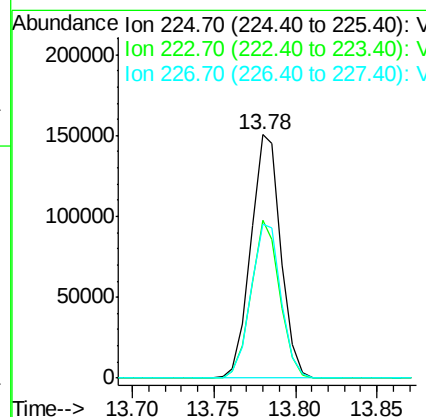
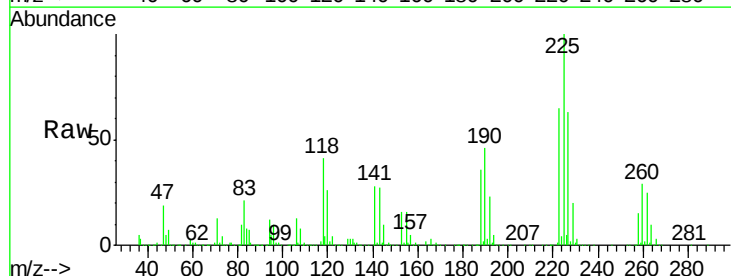
Manual Integrations
 APPROVED

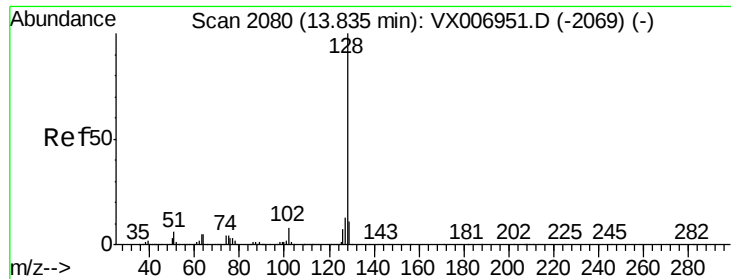
MMDadoda
 1/16/2019 9:20:07 AM



#94
 Hexachlorobutadiene
 Concen: 50.156 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	32.1	96.3
227	63.6	32.3	96.8





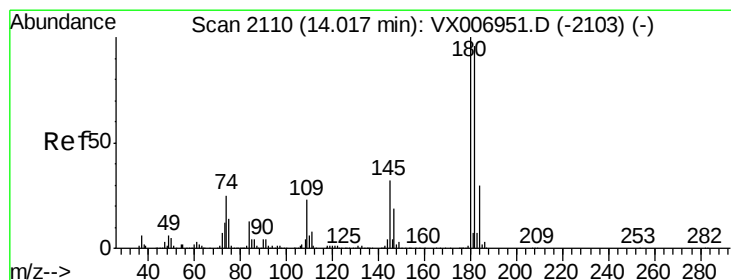
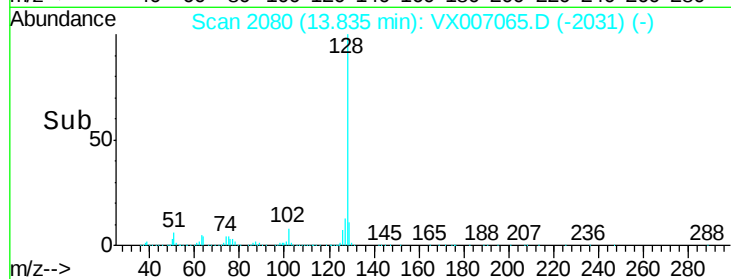
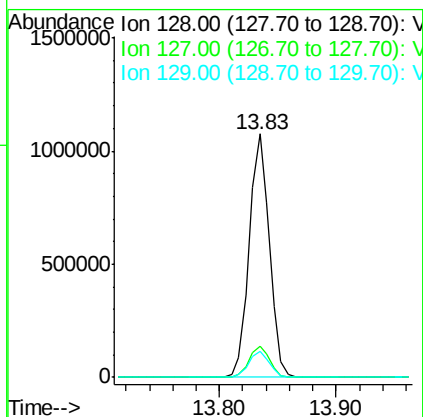
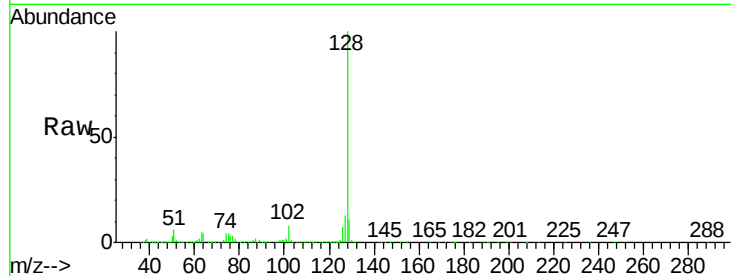
#95
Naphthalene
Concen: 49.716 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:20:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.299 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	30.4	16.0	47.9

