

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006711.D
 Acq On : 21 Dec 2018 07:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:20:02 AM

Quant Time: Dec 21 08:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	631929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	959643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	844099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	430390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	314926	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	5.50	113	288989	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.71	98	1054367	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	11.14	95	377163	45.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	254835	44.081	ug/l	98
3) Chloromethane	1.33	50	262472	42.142	ug/l	98
4) Vinyl Chloride	1.41	62	314330	48.323	ug/l	100
5) Bromomethane	1.64	94	272795	44.738	ug/l	95
6) Chloroethane	1.72	64	206557	45.861	ug/l	96
7) Trichlorofluoromethane	1.93	101	503241	49.622	ug/l	97
8) Diethyl Ether	2.19	74	200391	49.749	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	283967	47.689	ug/l	99
10) Methyl Iodide	2.51	142	282739	33.171	ug/l	100
11) Tert butyl alcohol	3.08	59	401243	263.984	ug/l	98
12) 1,1-Dichloroethene	2.37	96	281176	49.800	ug/l	97
13) Acrolein	2.30	56	213060	207.788	ug/l	98
14) Allyl chloride	2.73	41	470702	49.528	ug/l	99
15) Acrylonitrile	3.15	53	900213	266.748	ug/l	99
16) Acetone	2.45	43	753587	240.837	ug/l	99
17) Carbon Disulfide	2.57	76	680360	45.534	ug/l	99
18) Methyl Acetate	2.78	43	512706	55.724	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	997167	53.212	ug/l	98
20) Methylene Chloride	2.86	84	310882	48.048	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	298680	47.744	ug/l	98
22) Diisopropyl ether	3.87	45	905715	52.093	ug/l	95
23) Vinyl Acetate	3.82	43	3662045	257.499	ug/l	100
24) 1,1-Dichloroethane	3.70	63	502879	48.452	ug/l	98
25) 2-Butanone	4.70	43	1115126	253.359	ug/l	97
26) 2,2-Dichloropropane	4.59	77	253961	31.677	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	341173	49.429	ug/l	97
28) Bromochloromethane	5.02	49	233834	53.578	ug/l	98
29) Tetrahydrofuran	5.15	42	758795	261.754	ug/l	98
30) Chloroform	5.22	83	534078	49.691	ug/l	98
31) Cyclohexane	5.58	56	443804	47.068	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	455401	50.180	ug/l	99
36) 1,1-Dichloropropene	5.80	75	390003	49.069	ug/l	100
37) Ethyl Acetate	4.85	43	439451	53.122	ug/l	99
38) Carbon Tetrachloride	5.79	117	387971	50.228	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	477208	45.606	ug/l	100
40) Benzene	6.15	78	1202451	49.771	ug/l	96
41) Methacrylonitrile	5.06	41	234534	53.400	ug/l	99
42) 1,2-Dichloroethane	6.20	62	402570	48.900	ug/l	100
43) Isopropyl Acetate	6.46	43	688204	54.676	ug/l	99
44) Trichloroethene	7.21	130	351619	48.086	ug/l	98
45) 1,2-Dichloropropane	7.51	63	303403	51.606	ug/l	94
46) Dibromomethane	7.66	93	214207	49.534	ug/l	98
47) Bromodichloromethane	7.90	83	371861	51.794	ug/l	97
48) Methyl methacrylate	7.77	41	349535	54.608	ug/l	99
49) 1,4-Dioxane	7.75	88	168819	1008.192	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2150058	268.465	ug/l	99
52) Toluene	8.79	92	772271	49.479	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	385973	50.126	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	431389	51.059	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	321078	50.258	ug/l	97
56) Ethyl methacrylate	9.18	69	477344	52.865	ug/l	97
57) 1,3-Dichloropropane	9.37	76	510664	49.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1259533	262.414	ug/l	99
59) 2-Hexanone	9.49	43	1611921	263.059	ug/l	99
60) Dibromochloromethane	9.58	129	324825	48.678	ug/l	98
61) 1,2-Dibromoethane	9.67	107	350970	51.679	ug/l	99
64) Tetrachloroethene	9.33	164	344440	51.532	ug/l	97
65) Chlorobenzene	10.14	112	898270	50.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	312632	56.112	ug/l	99
67) Ethyl Benzene	10.25	91	1462602	50.122	ug/l	99
68) m/p-Xylenes	10.36	106	1156346	100.424	ug/l	100
69) o-Xylene	10.70	106	565834	49.764	ug/l	98
70) Styrene	10.71	104	912690	50.737	ug/l	99
71) Bromoform	10.86	173	235000	47.050	ug/l	99
73) Isopropylbenzene	11.02	105	1514941	51.452	ug/l	99
74) N-amyl acetate	10.90	43	606669	57.563	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	466817	53.310	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	411580m	51.458	ug/l	
77) Bromobenzene	11.26	156	408595	51.329	ug/l	98
78) n-propylbenzene	11.36	91	1678819	51.778	ug/l	99
79) 2-Chlorotoluene	11.42	91	971042	49.419	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1247591	51.443	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105397	40.940	ug/l	97
82) 4-Chlorotoluene	11.51	91	1129606	50.118	ug/l	100
83) tert-Butylbenzene	11.77	119	1258598	51.853	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1266502	49.650	ug/l	100
85) sec-Butylbenzene	11.94	105	1502547	50.490	ug/l	100
86) p-Isopropyltoluene	12.07	119	1350544	51.627	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	719903	50.180	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	713867	48.539	ug/l	99
89) n-Butylbenzene	12.39	91	1130477	50.778	ug/l	99
90) Hexachloroethane	12.60	117	199730	48.865	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	721334	50.263	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	96830	53.442	ug/l	97

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VSTDCCC050EC

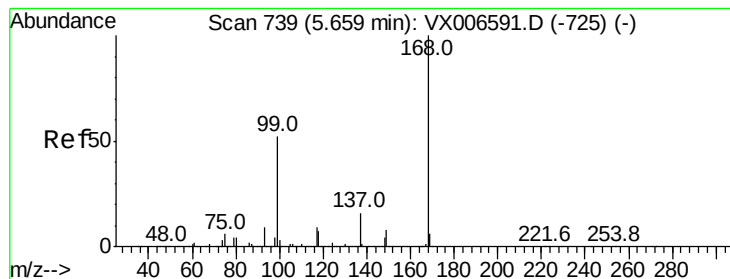
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	507427	51.258	ug/l	99
94) Hexachlorobutadiene	13.79	225	229543	49.194	ug/l	99
95) Naphthalene	13.83	128	1626545	51.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	512855	50.176	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 631929

Ion Ratio Lower Upper

168 100

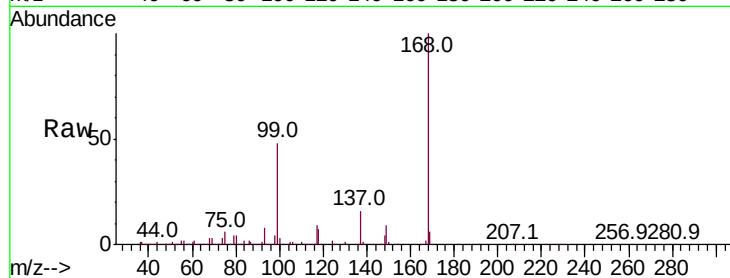
99 47.8 41.8 62.8

Manual Integrations

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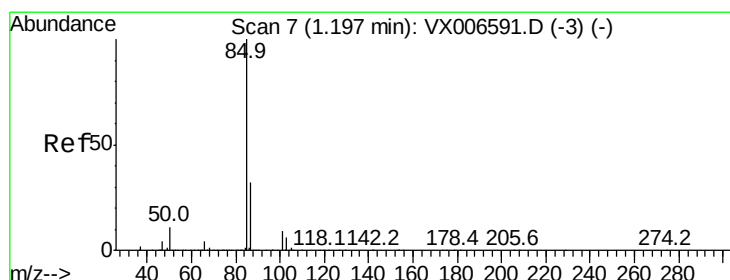
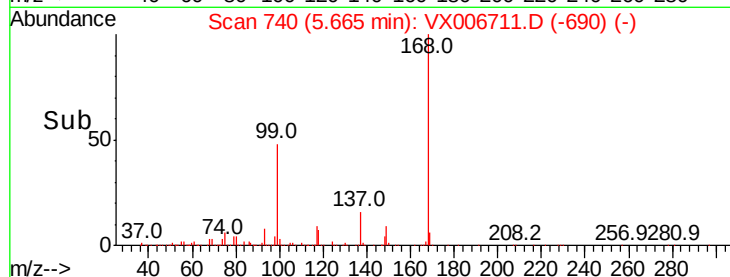
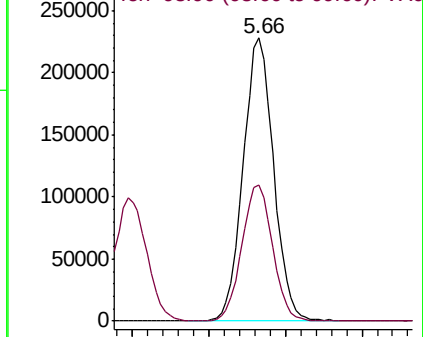
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.081 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006711.D

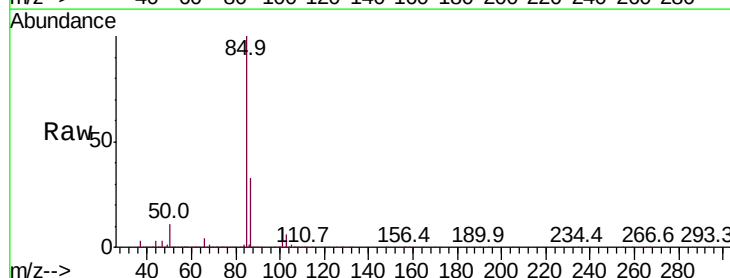
Acq: 21 Dec 2018 07:48

Tgt Ion: 85 Resp: 254835

Ion Ratio Lower Upper

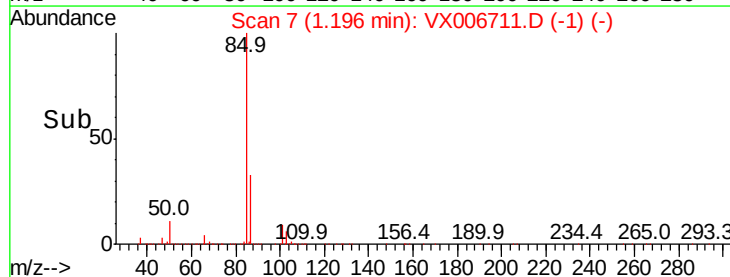
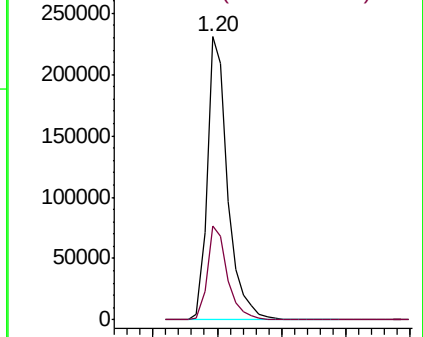
85 100

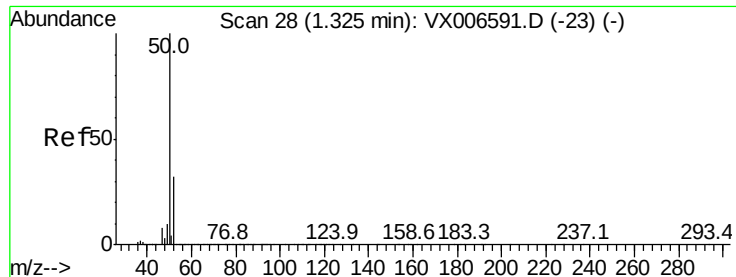
87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.142 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 262472

Ion Ratio Lower Upper

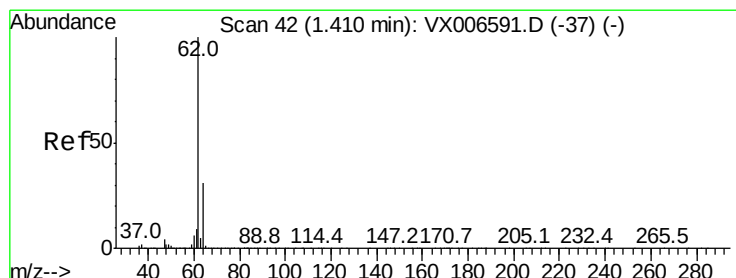
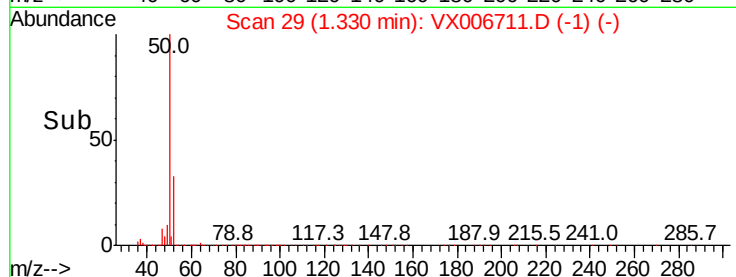
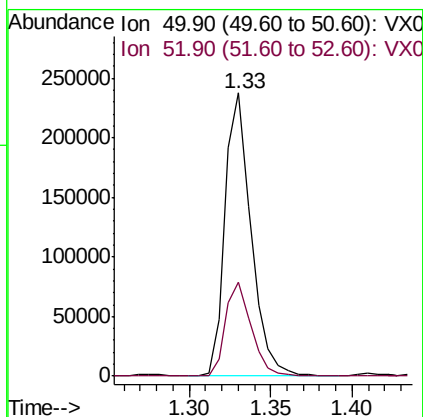
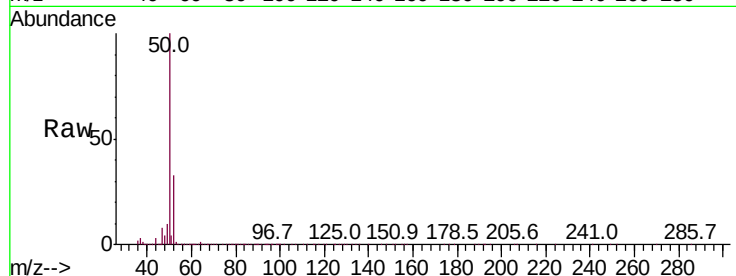
50 100

52 33.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 48.323 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006711.D

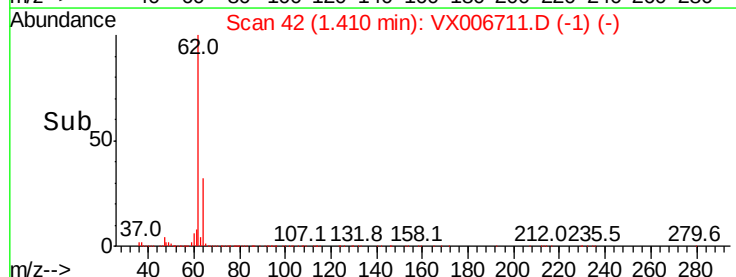
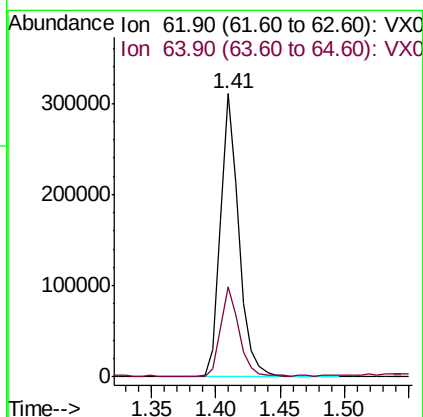
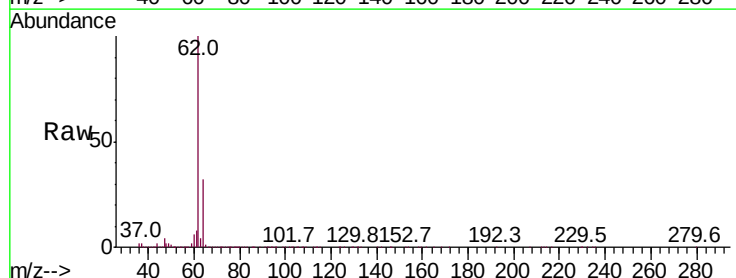
Acq: 21 Dec 2018 07:48

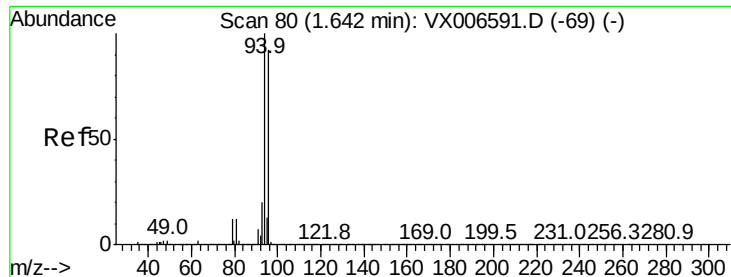
Tgt Ion: 62 Resp: 314330

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 44.738 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 272795

Ion Ratio Lower Upper

94 100

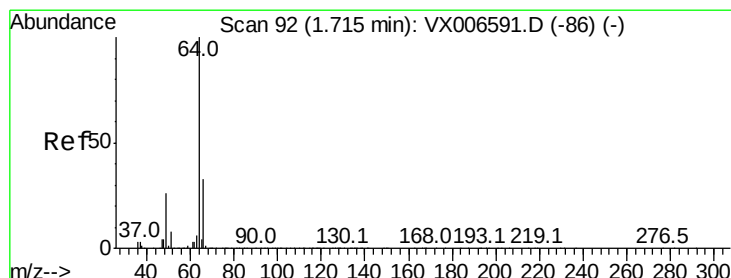
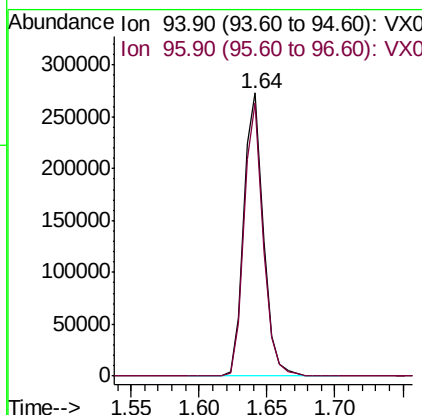
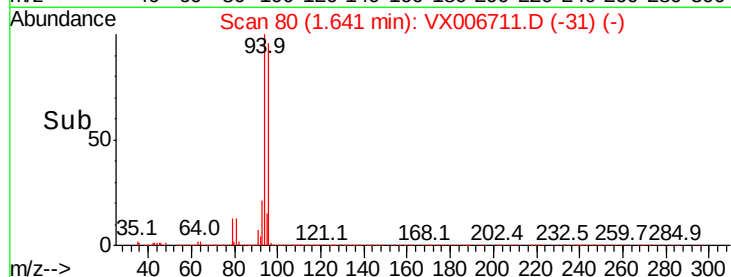
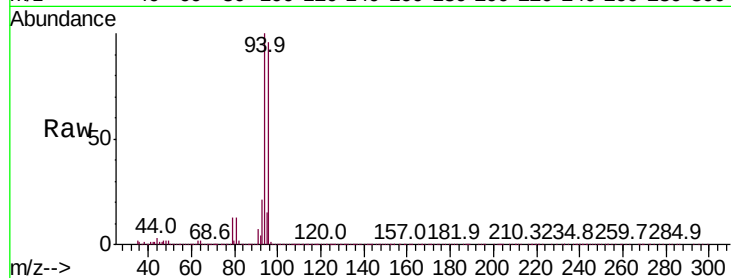
96 96.3 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 45.861 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006711.D

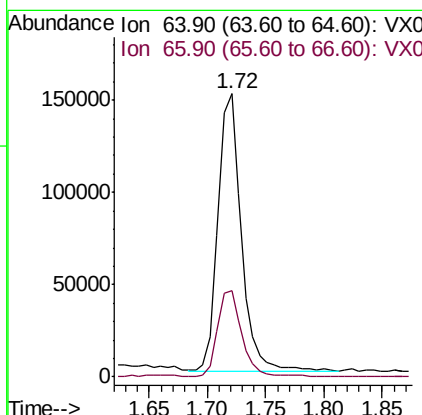
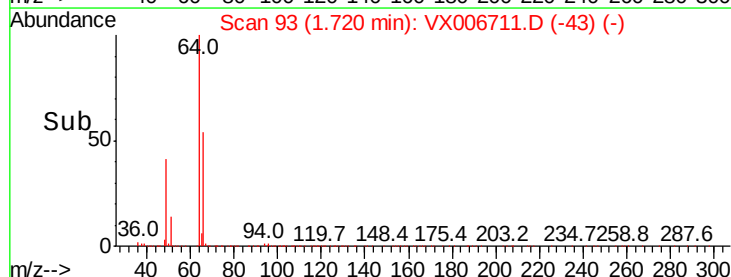
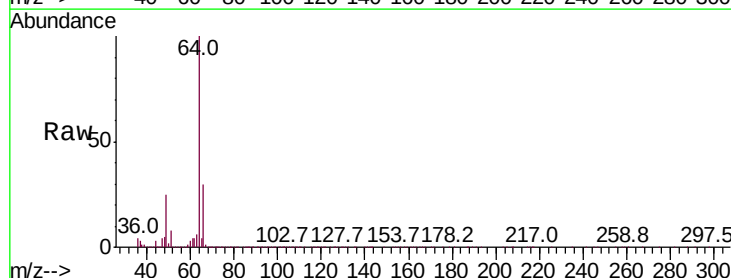
Acq: 21 Dec 2018 07:48

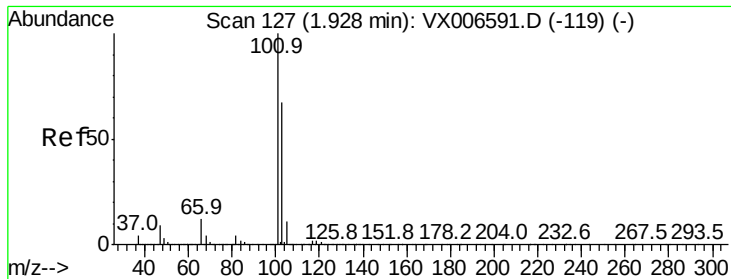
Tgt Ion: 64 Resp: 206557

Ion Ratio Lower Upper

64 100

66 30.9 26.4 39.6





#7

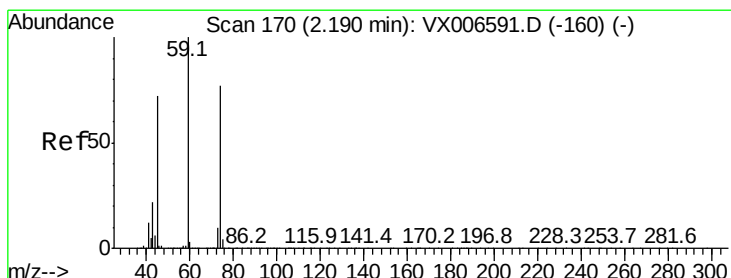
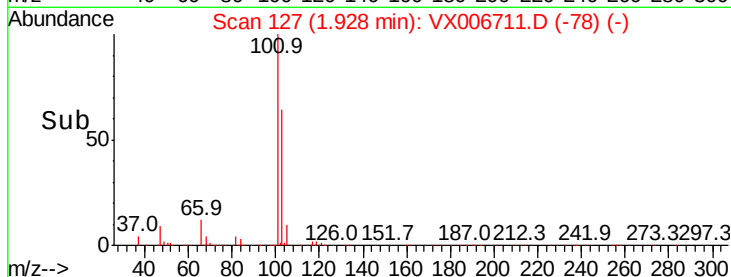
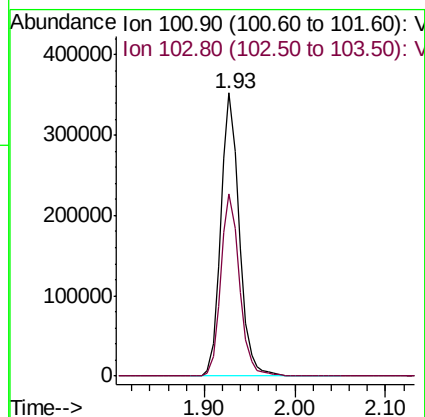
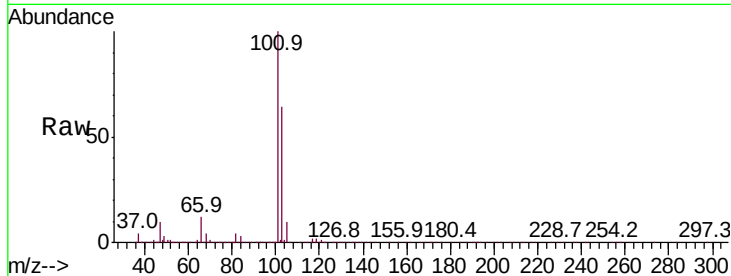
Trichlorofluoromethane
Concen: 49.622 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

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

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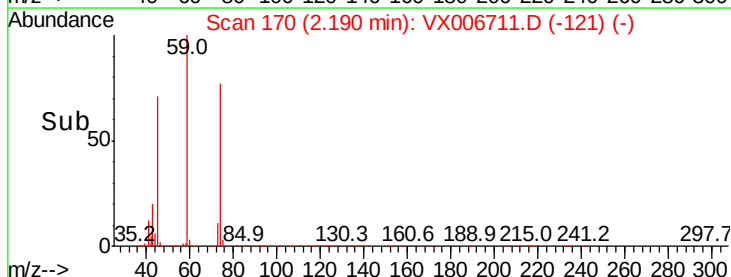
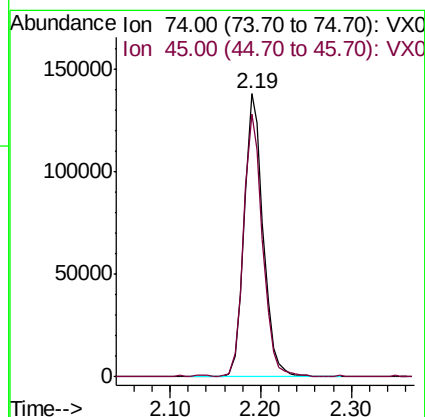
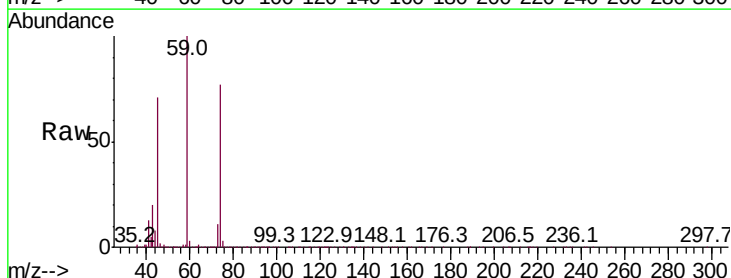
MMDadoda
12/21/2018 10:20:02 AM

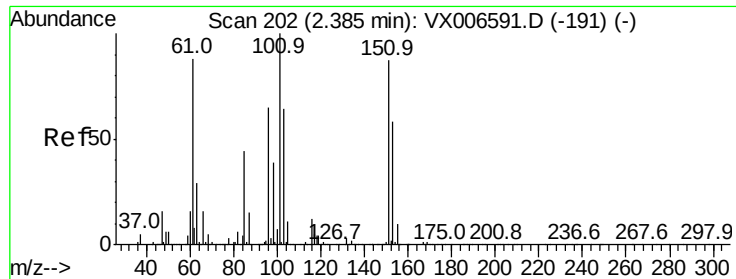


#8

Diethyl Ether
Concen: 49.749 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.689 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

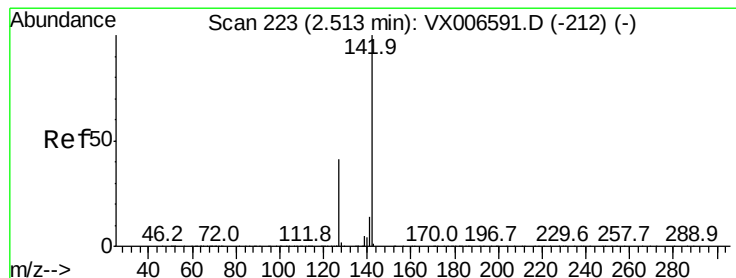
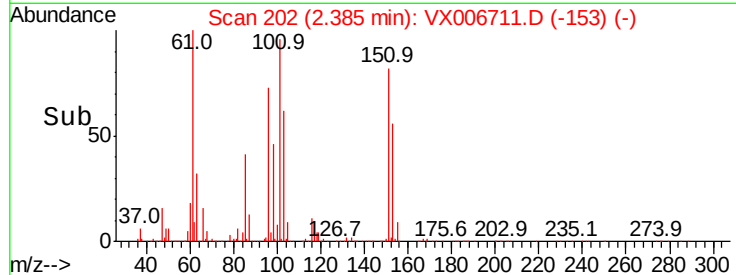
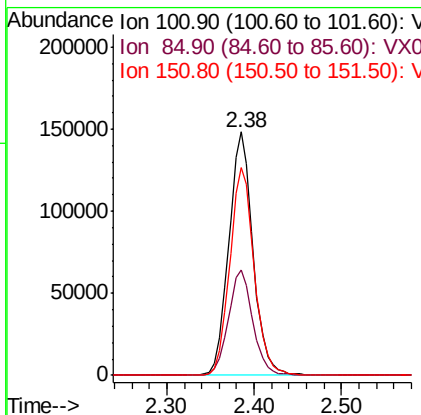
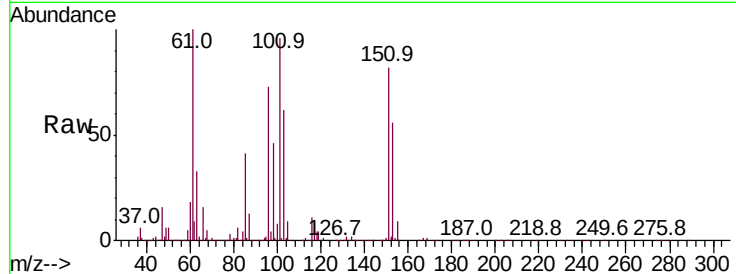
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	283967
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.1	52.7
151	86.4	68.9	103.3

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#10

Methyl Iodide

Concen: 33.171 ug/l

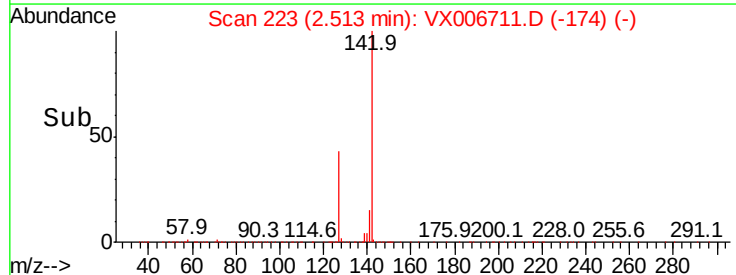
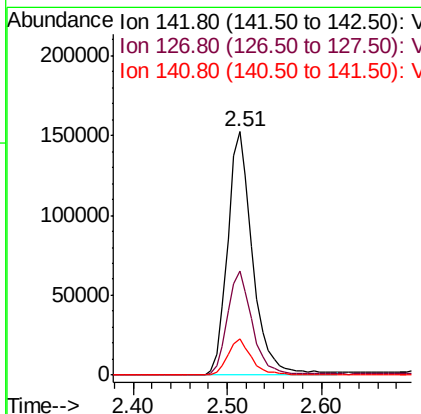
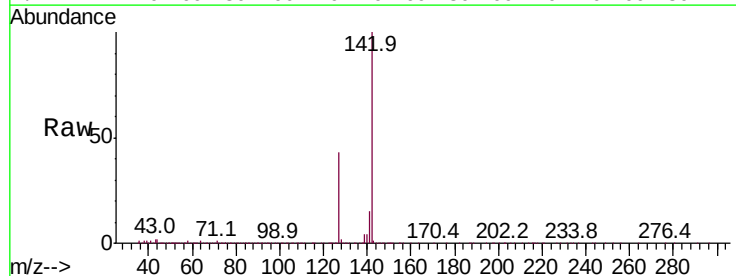
RT: 2.51 min Scan# 223

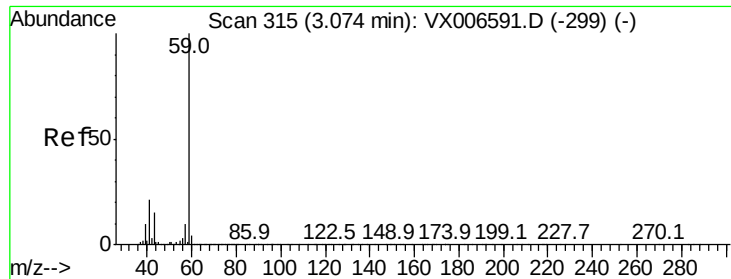
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	142	Resp:	282739
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.9	50.9
141	14.1	11.4	17.0





#11

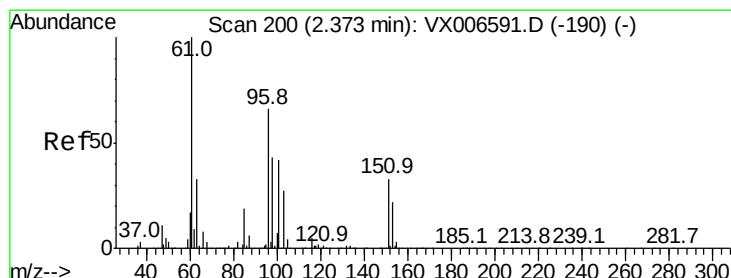
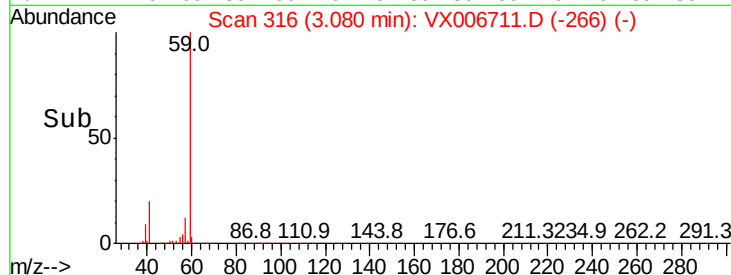
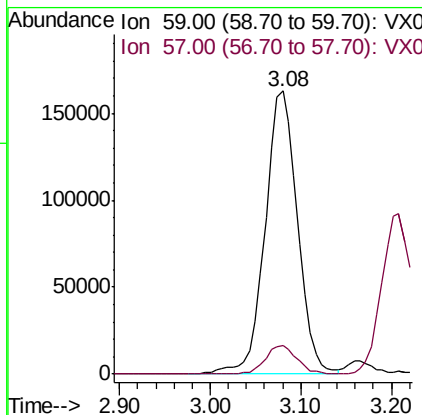
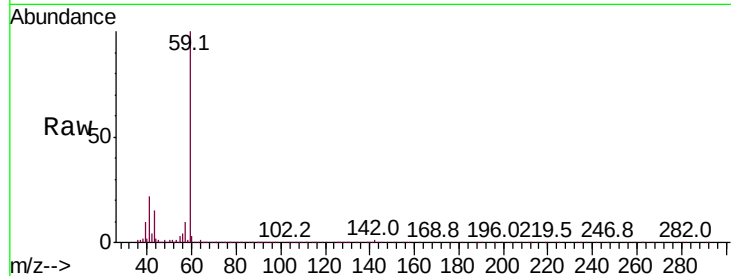
Tert butyl alcohol
Concen: 263.984 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.5	12.7

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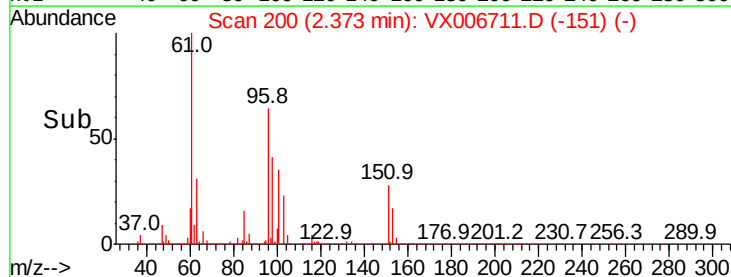
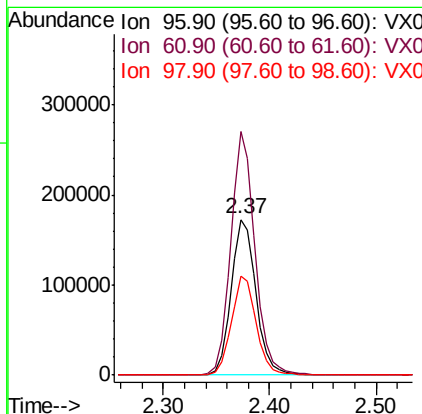
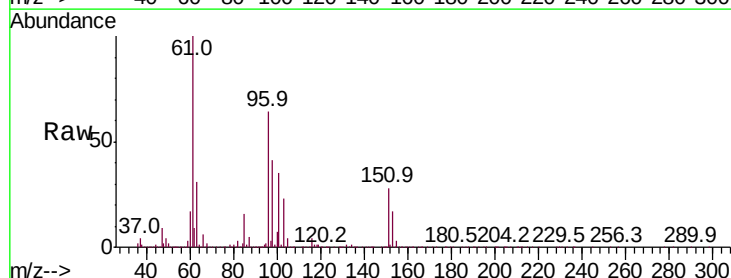
MMDadoda
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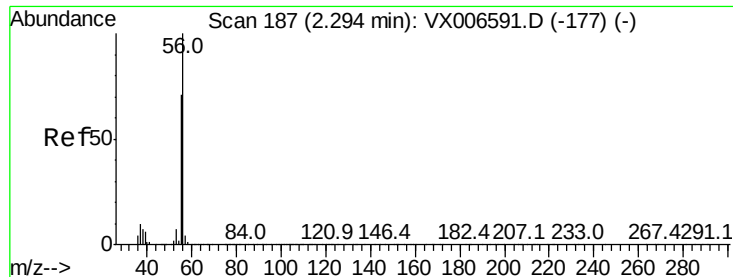


#12

1,1-Dichloroethene
Concen: 49.800 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	121.4	182.2
98	63.8	51.9	77.9





#13

Acrolein

Concen: 207.788 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 213060

Ion Ratio Lower Upper

56 100

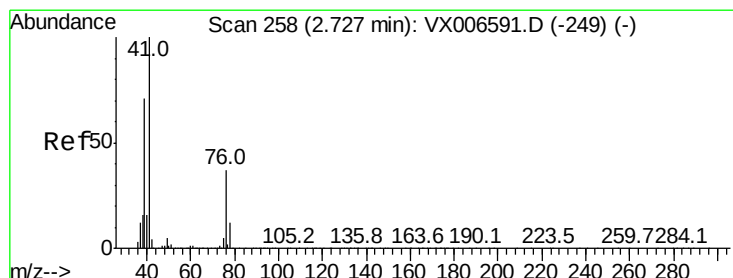
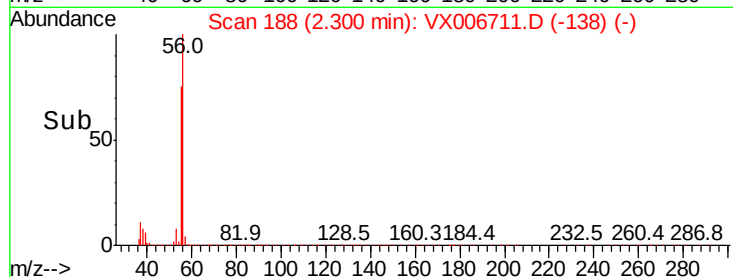
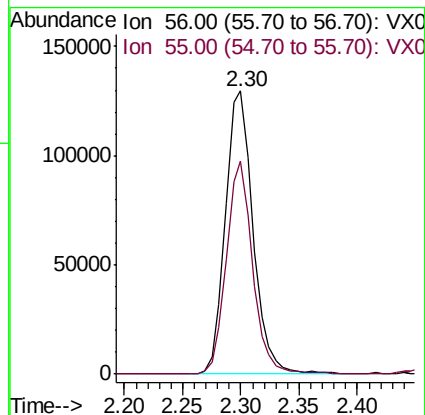
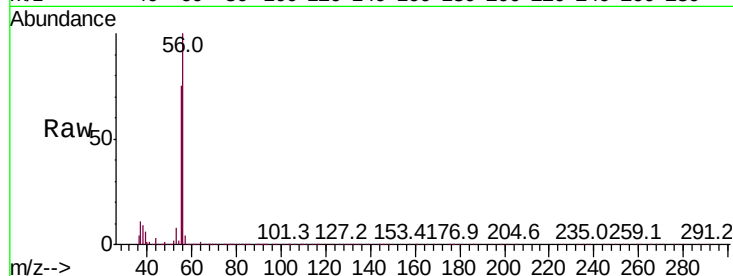
55 71.1 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 49.528 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

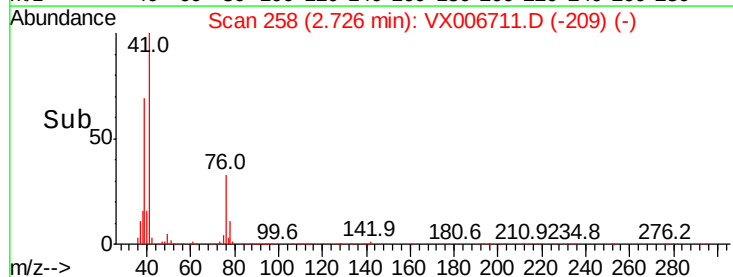
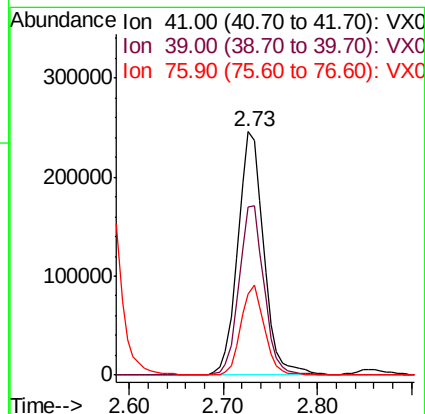
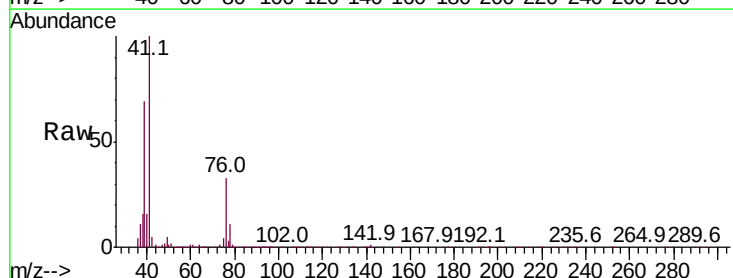
Tgt Ion: 41 Resp: 470702

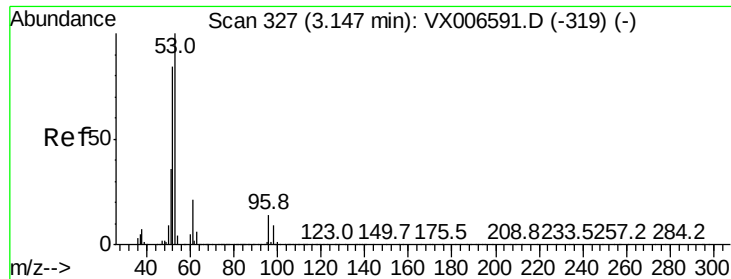
Ion Ratio Lower Upper

41 100

39 66.5 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 266.748 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

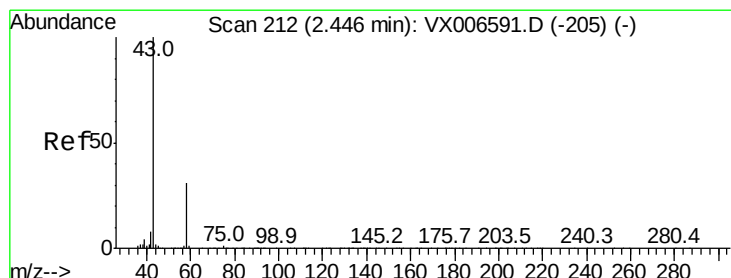
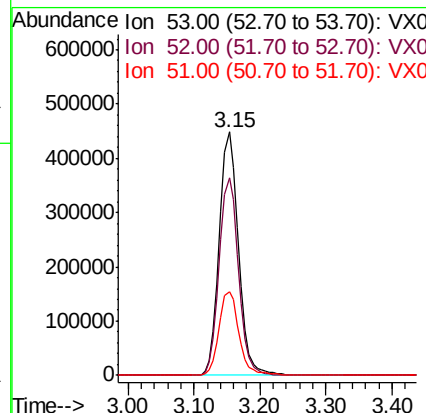
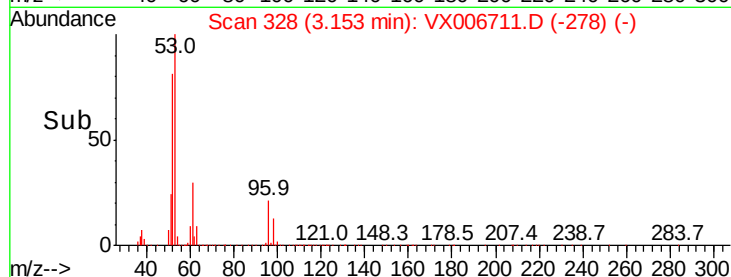
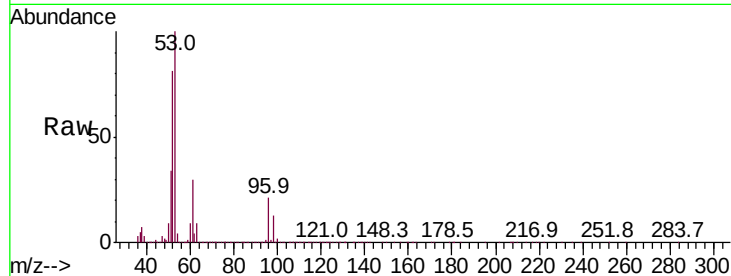
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	900213
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.0	99.0
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 240.837 ug/l

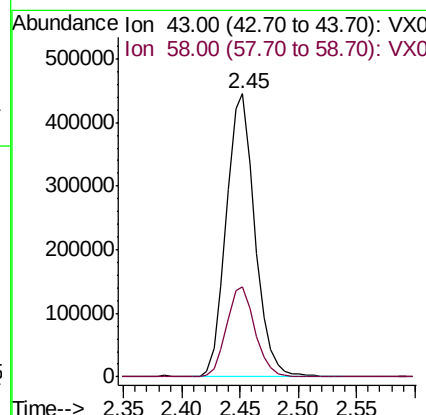
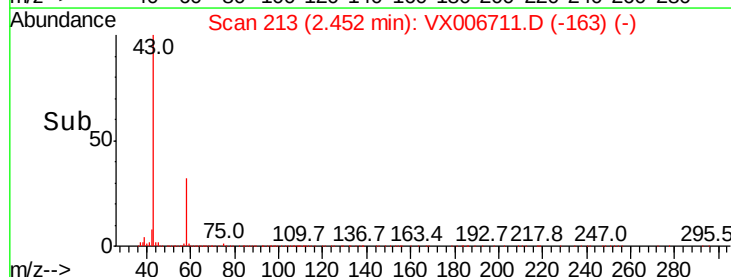
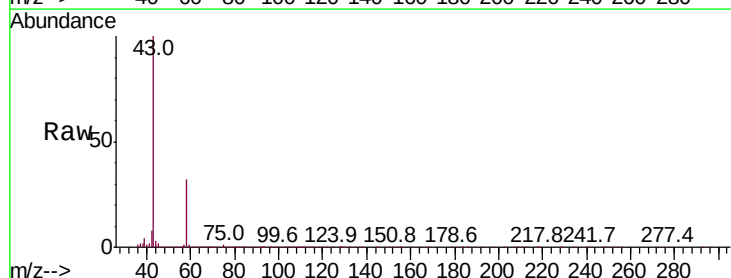
RT: 2.45 min Scan# 213

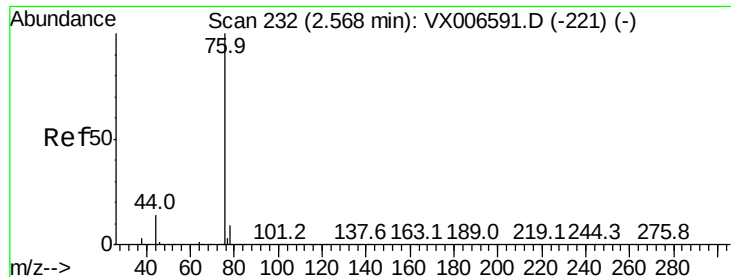
Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	43	Resp:	753587
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.0	37.6





#17

Carbon Disulfide

Concen: 45.534 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 680360

Ion Ratio Lower Upper

76 100

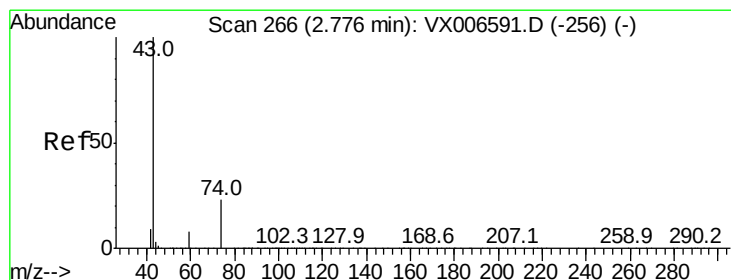
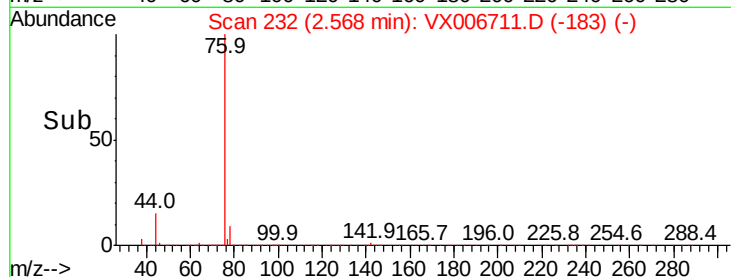
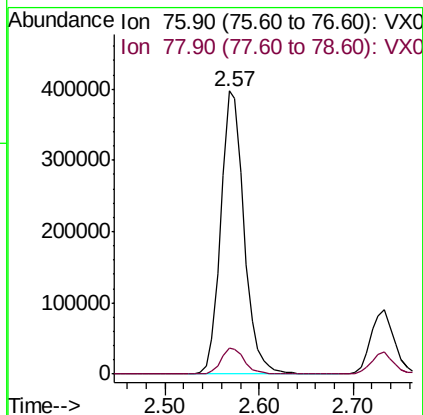
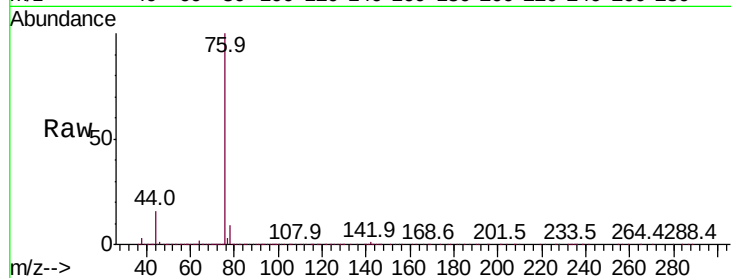
78 9.0 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 55.724 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006711.D

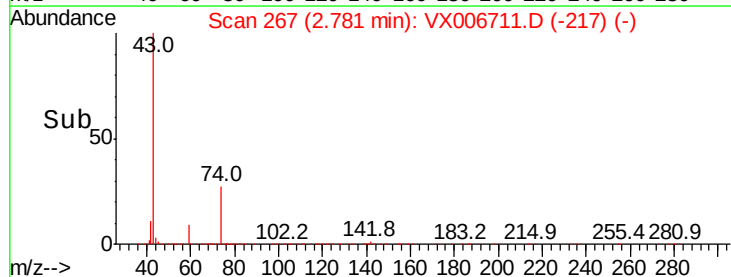
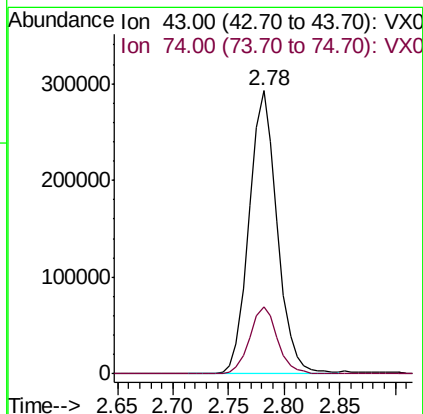
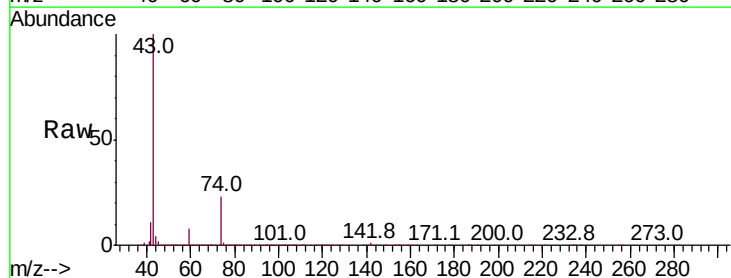
Acq: 21 Dec 2018 07:48

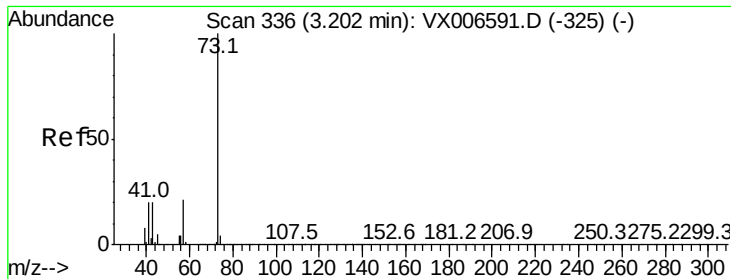
Tgt Ion: 43 Resp: 512706

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0





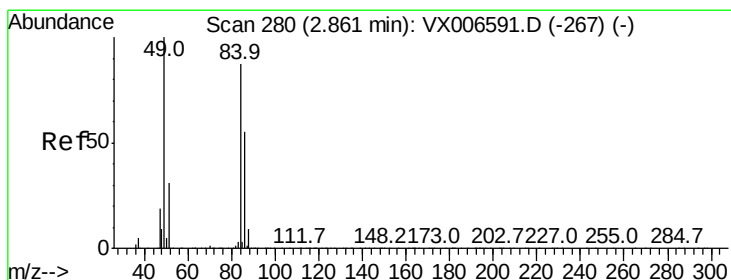
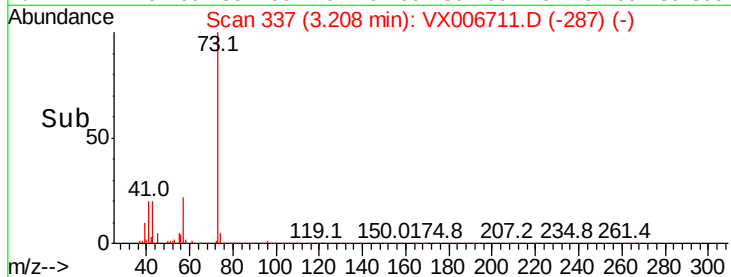
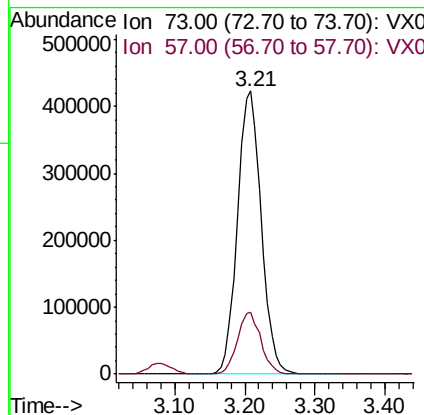
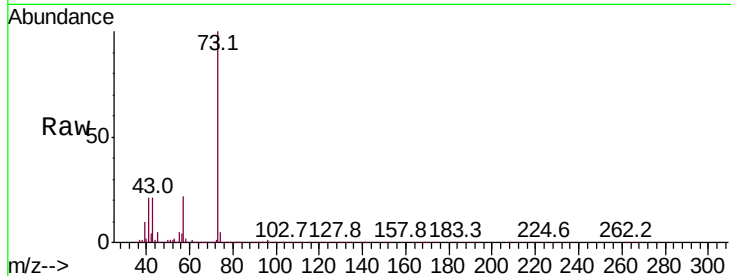
#19
Methyl tert-butyl Ether
Concen: 53.212 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 997167
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

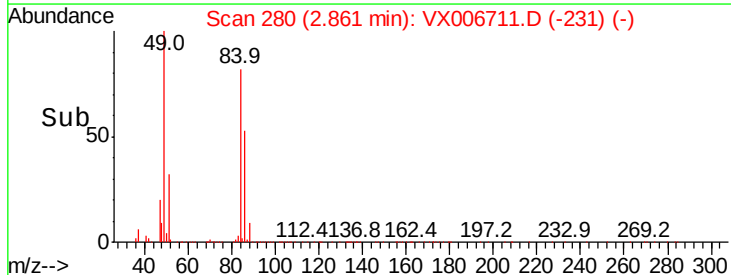
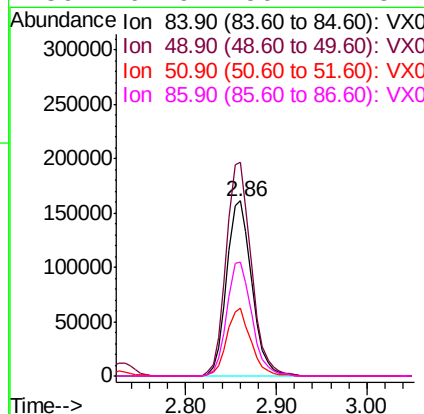
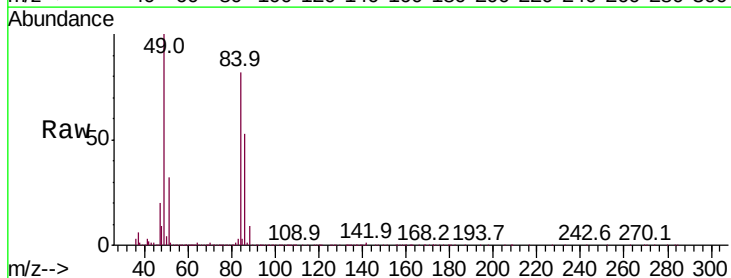
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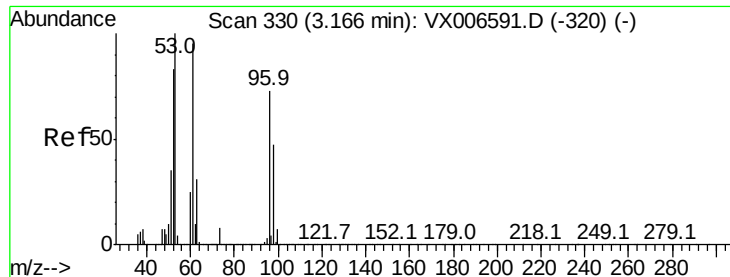
MMDadoda
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#20
Methylene Chloride
Concen: 48.048 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 84 Resp: 310882
Ion Ratio Lower Upper
84 100
49 121.9 91.8 137.6
51 38.5 28.5 42.7
86 64.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.744 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 298680

Ion Ratio Lower Upper

96 100

61 127.7 103.7 155.5

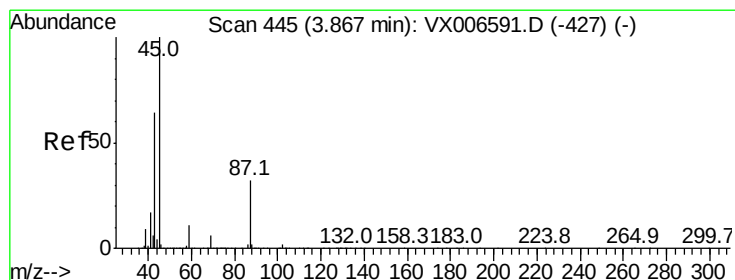
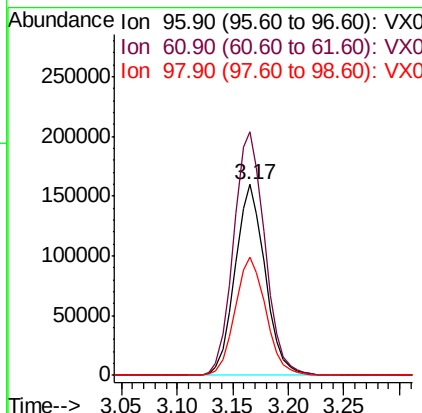
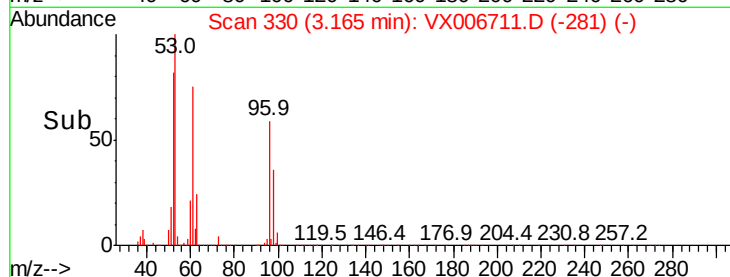
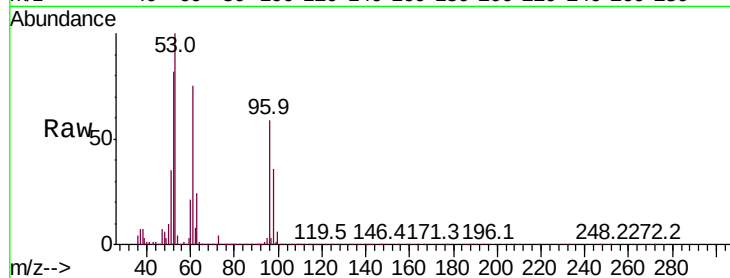
98 62.0 51.0 76.6

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#22

Diisopropyl ether

Concen: 52.093 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion: 45 Resp: 905715

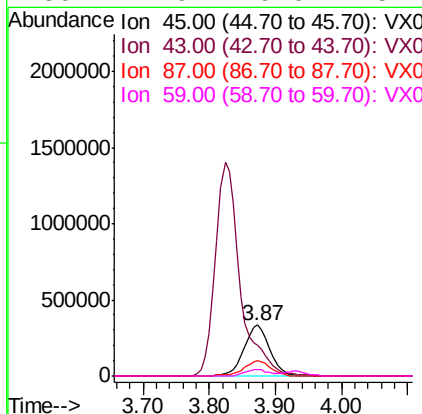
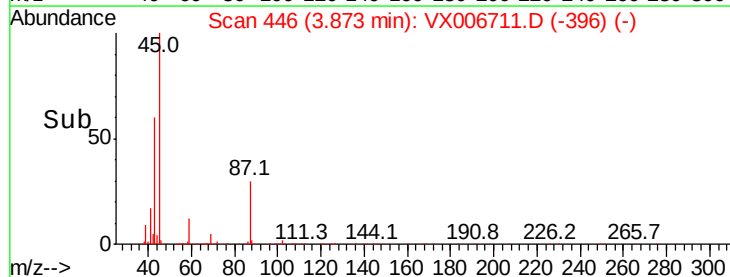
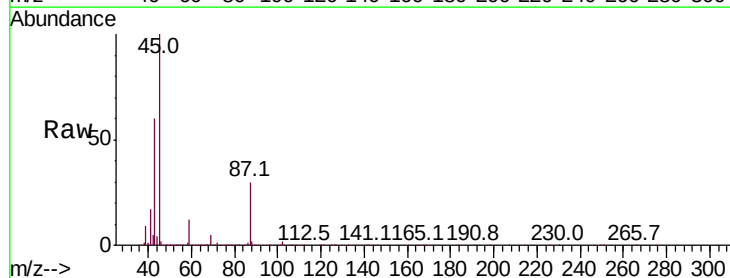
Ion Ratio Lower Upper

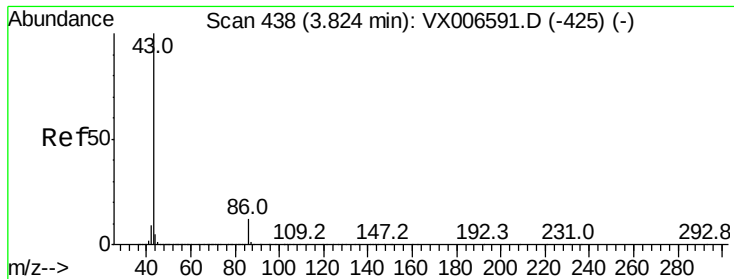
45 100

43 59.5 51.2 76.8

87 29.6 25.8 38.6

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 257.499 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3662045

Ion Ratio Lower Upper

43 100

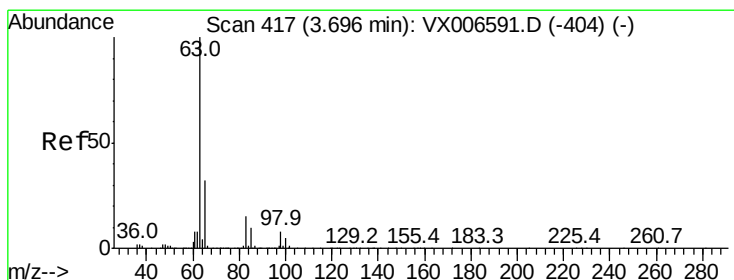
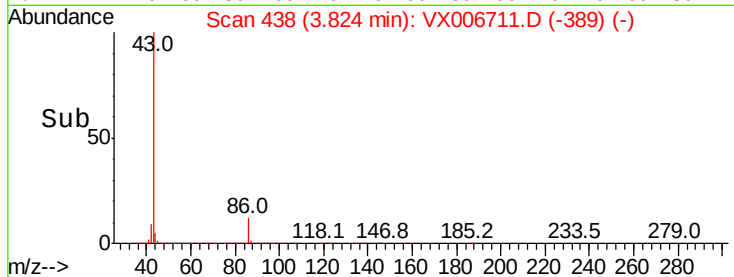
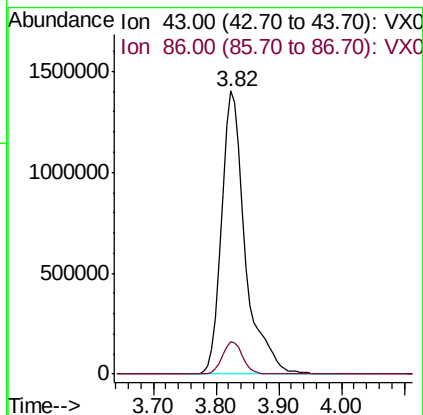
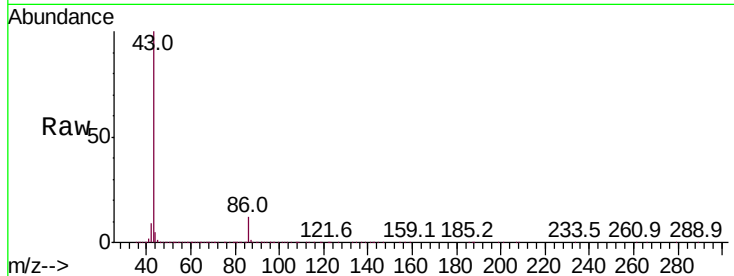
86 11.7 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 48.452 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

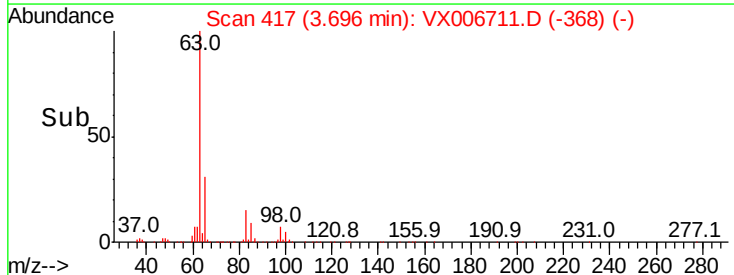
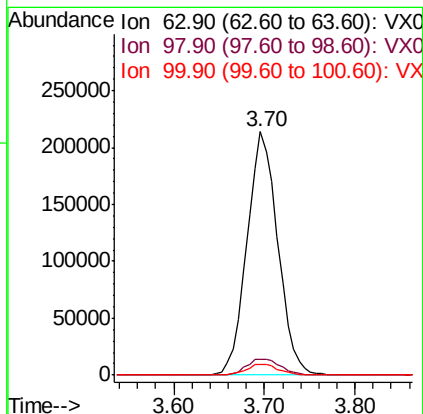
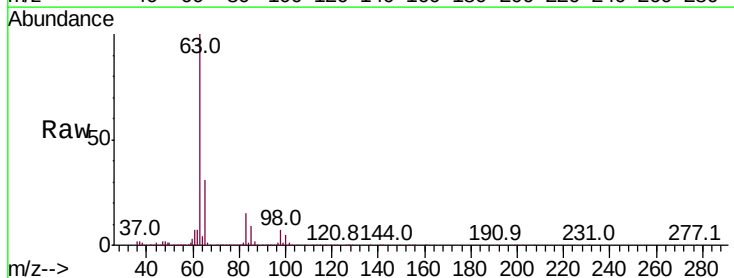
Tgt Ion: 63 Resp: 502879

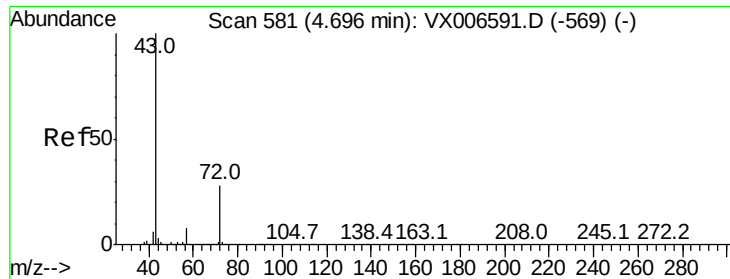
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 253.359 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1115126

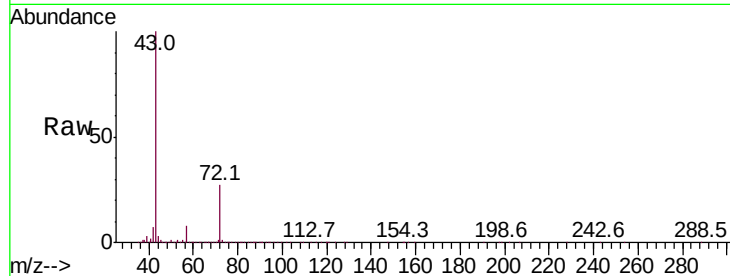
Ion Ratio Lower Upper

43 100

72 26.6 22.4 33.6

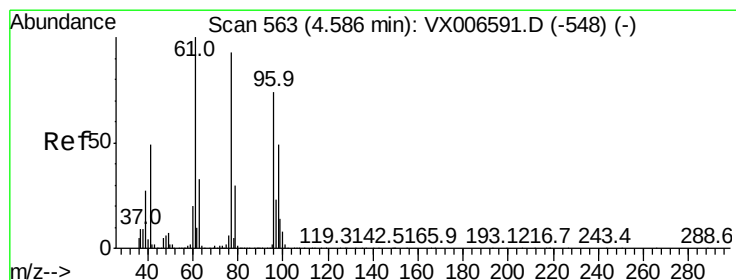
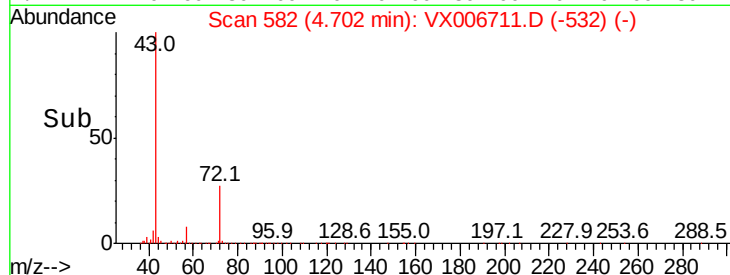
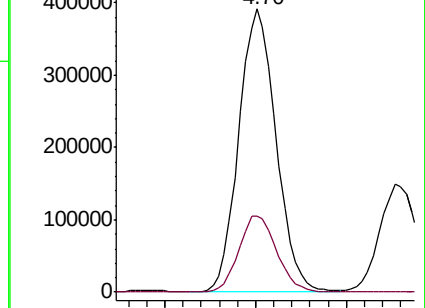
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.677 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006711.D

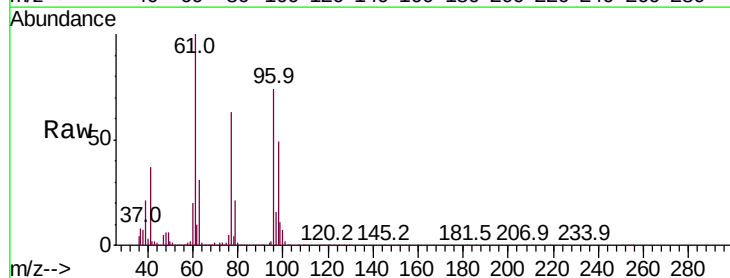
Acq: 21 Dec 2018 07:48

Tgt Ion: 77 Resp: 253961

Ion Ratio Lower Upper

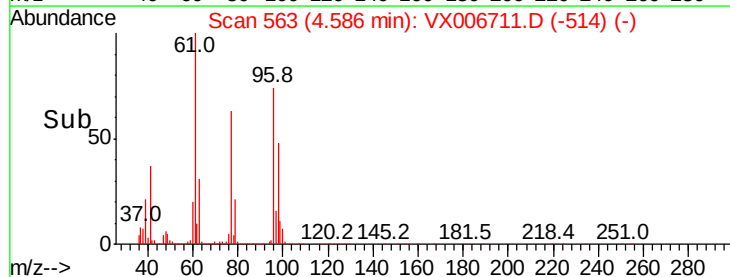
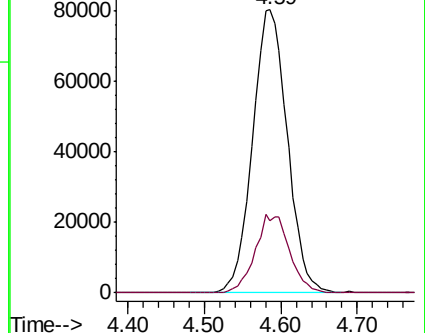
77 100

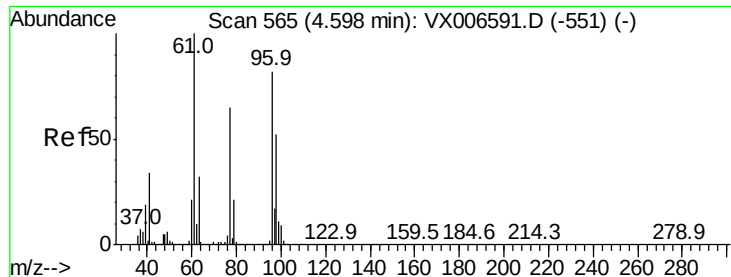
97 27.3 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

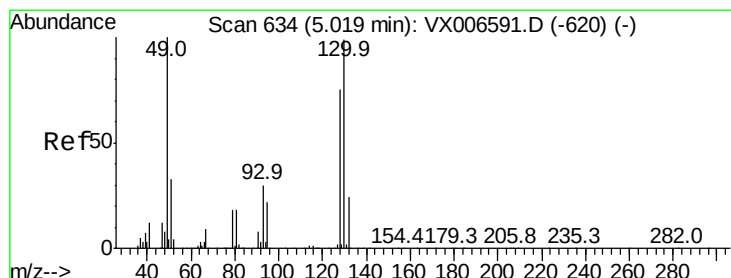
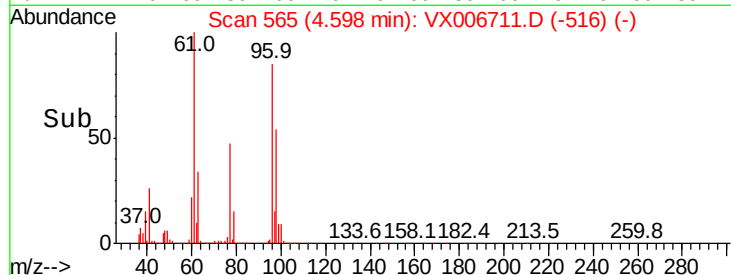
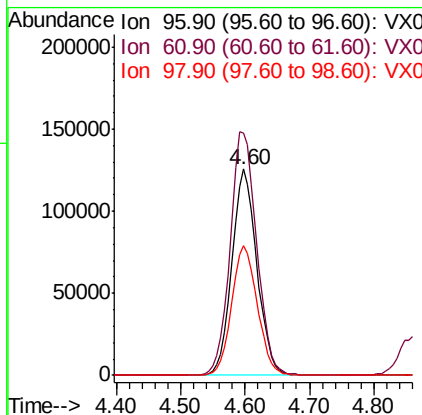
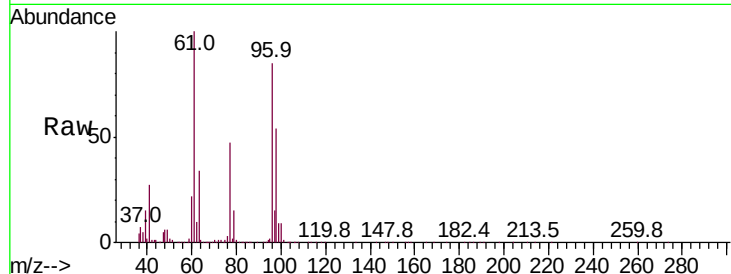
cis-1,2-Dichloroethene
Concen: 49.429 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	341173		
61	124.6	0.0	258.6	
98	64.5	0.0	132.0	

Manual Integrations
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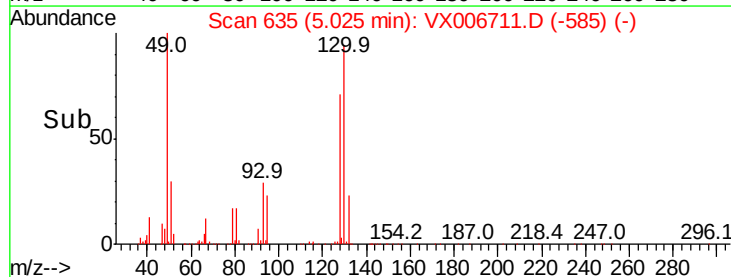
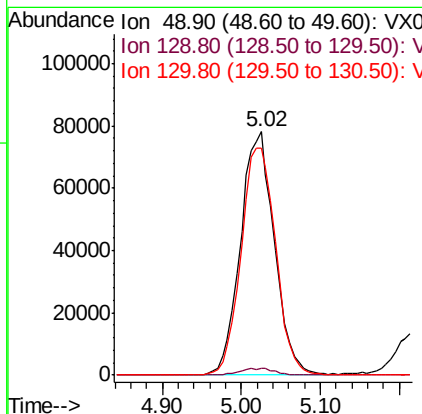
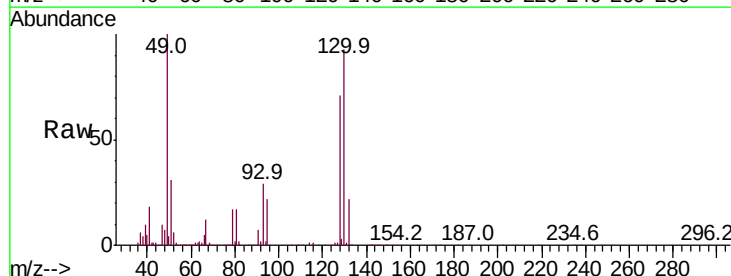
MMDadoda
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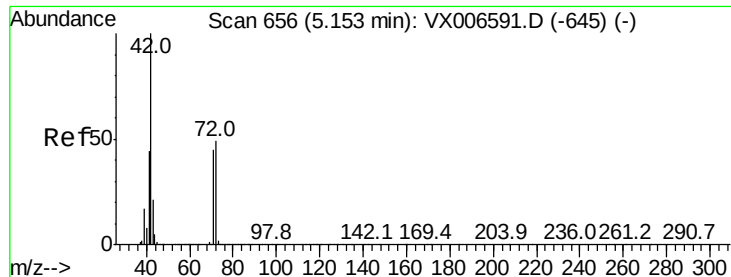


#28

Bromochloromethane
Concen: 53.578 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	233834		
129	2.8	0.0	5.4	
130	95.4	77.7	116.5	





#29

Tetrahydrofuran

Concen: 261.754 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

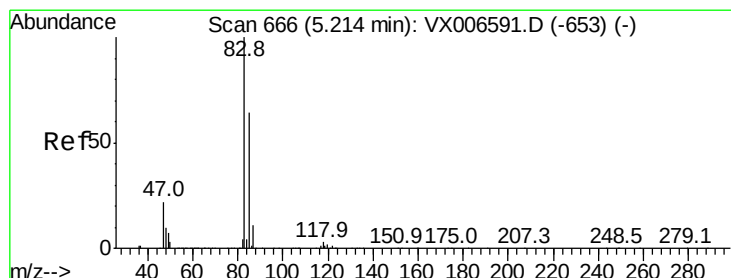
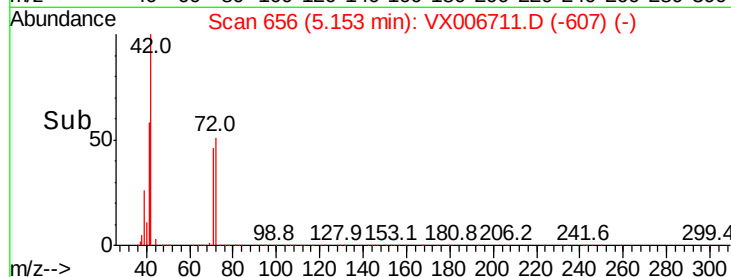
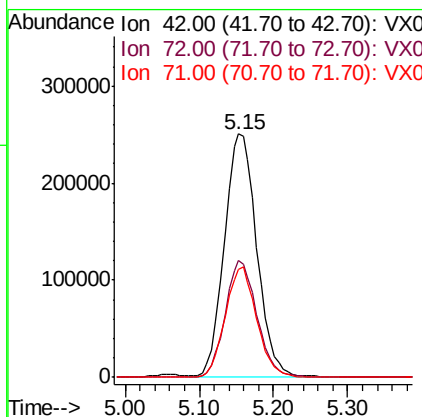
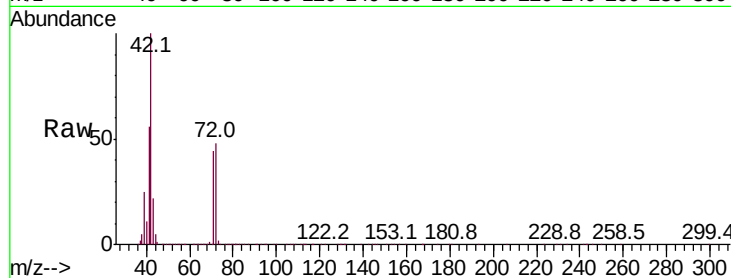
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	758795
Ion Ratio	Lower	Upper	
42	100		
72	47.2	38.9	58.3
71	44.1	36.2	54.4

Manual Integrations
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#30

Chloroform

Concen: 49.691 ug/l

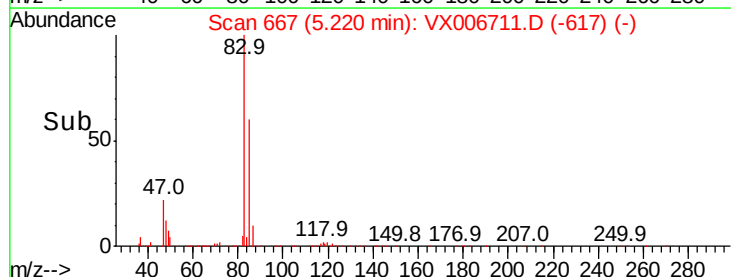
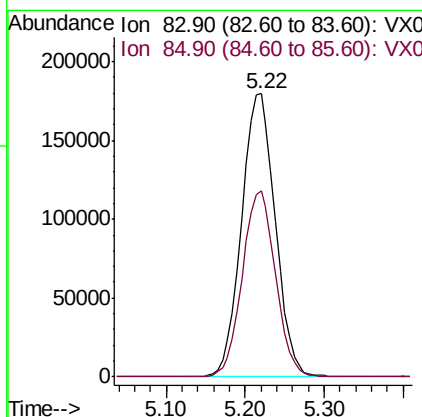
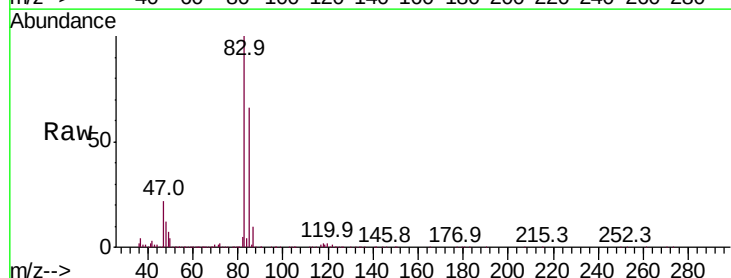
RT: 5.22 min Scan# 667

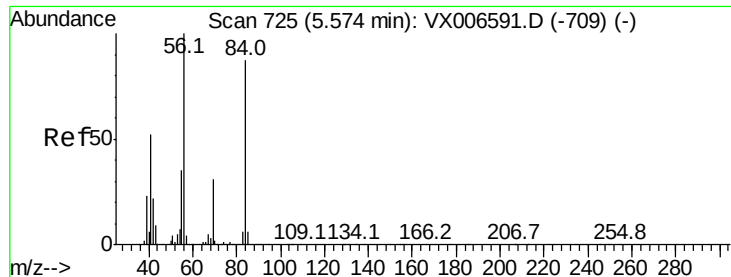
Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	83	Resp:	534078
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.2	76.8





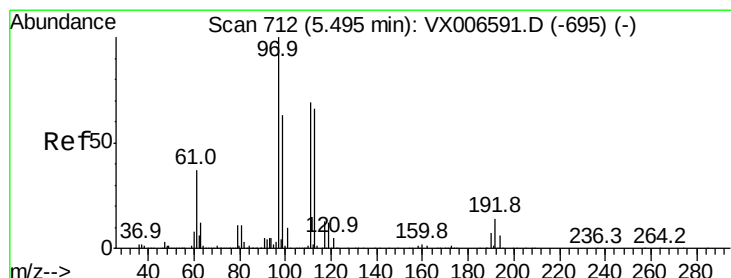
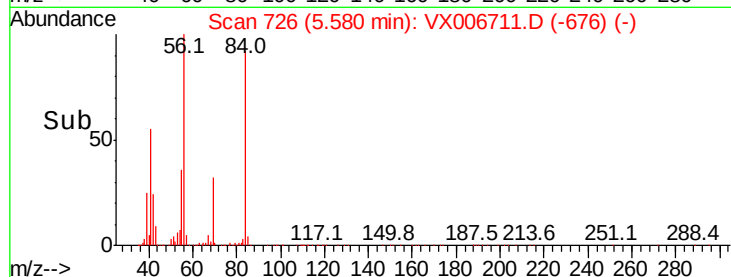
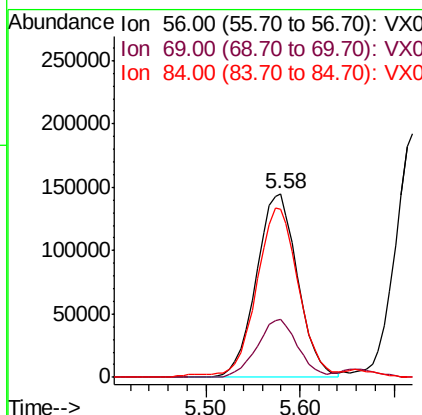
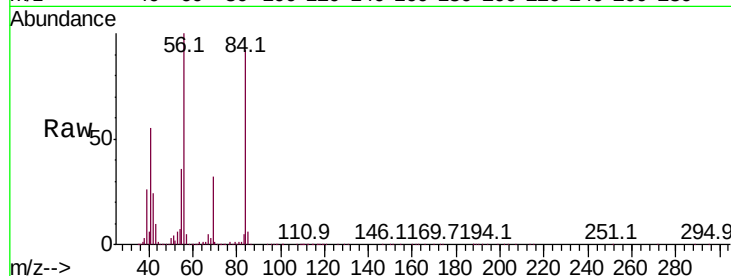
#31
Cyclohexane
Concen: 47.068 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.4	36.6
84	90.5	70.0	105.0

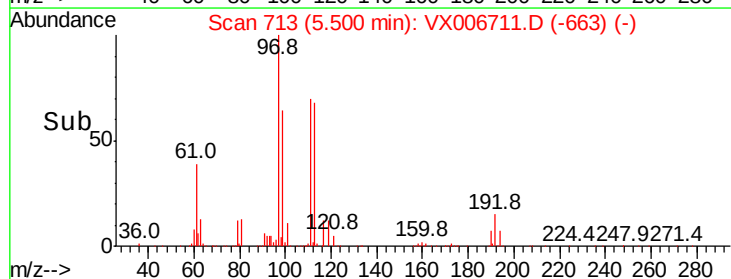
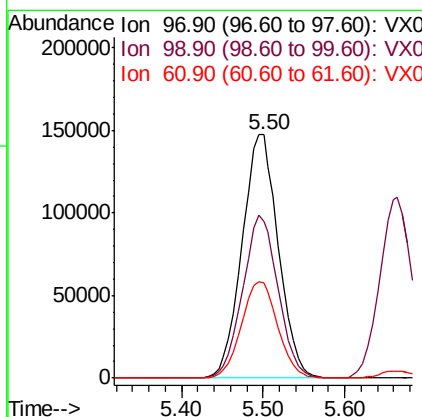
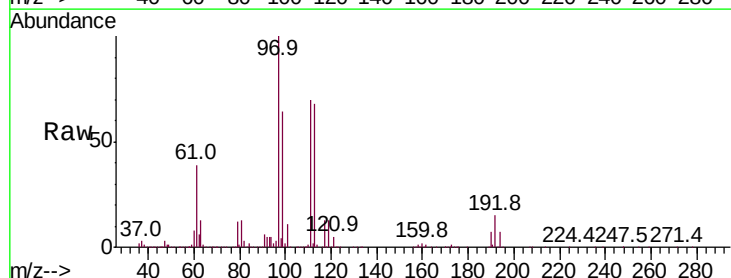
Manual Integrations
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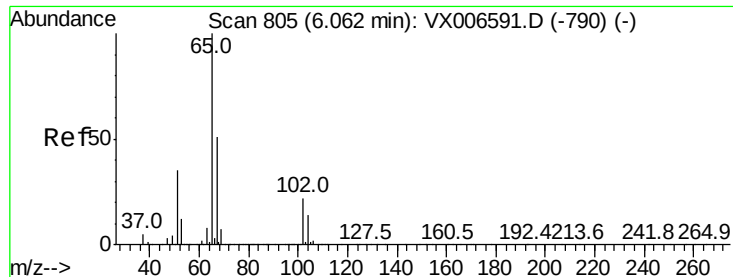
MMDadoda
12/21/2018 10:20:02 AM



#32
1,1,1-Trichloroethane
Concen: 50.180 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	39.7	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 46.240 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006711.D

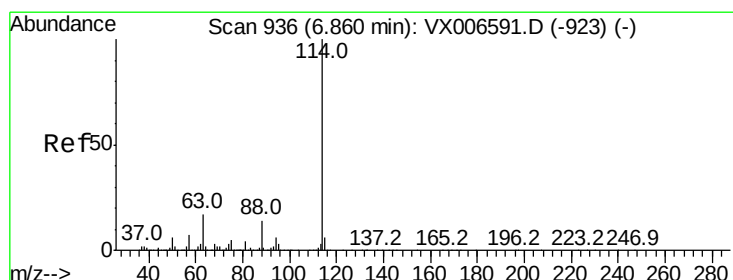
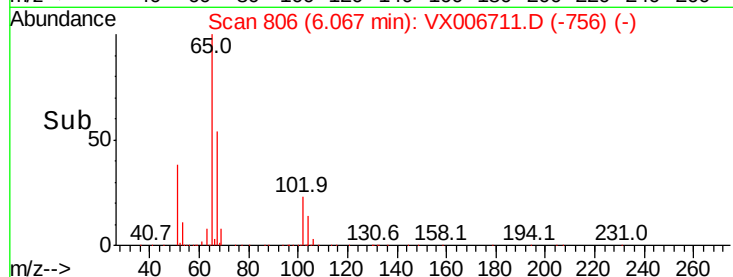
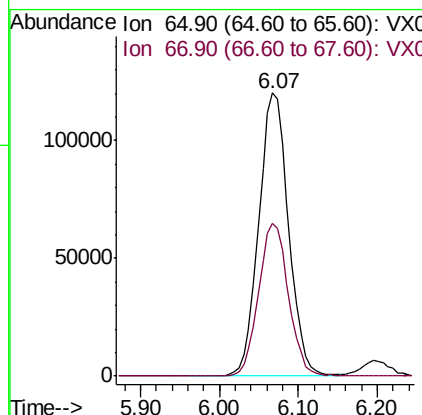
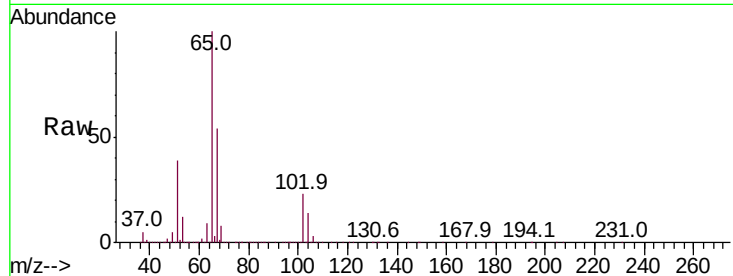
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.2	0.0	105.0	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

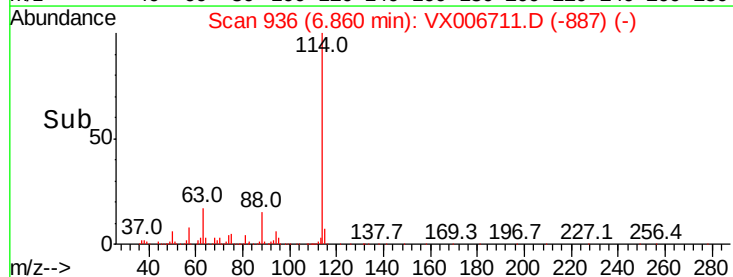
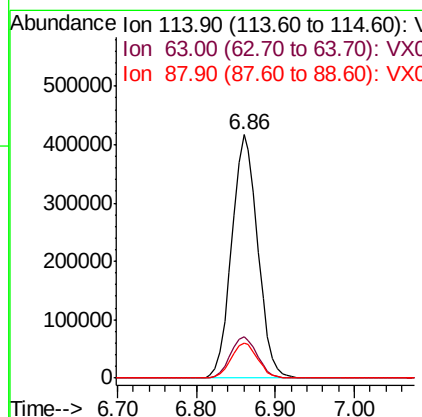
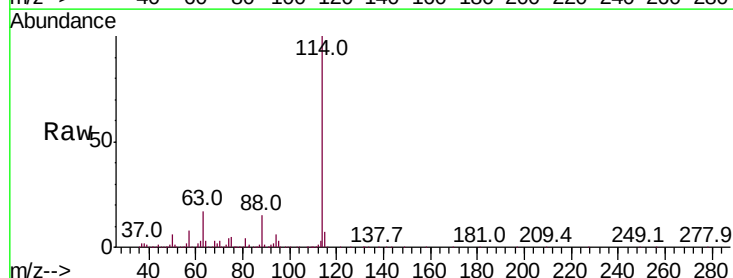
RT: 6.86 min Scan# 936

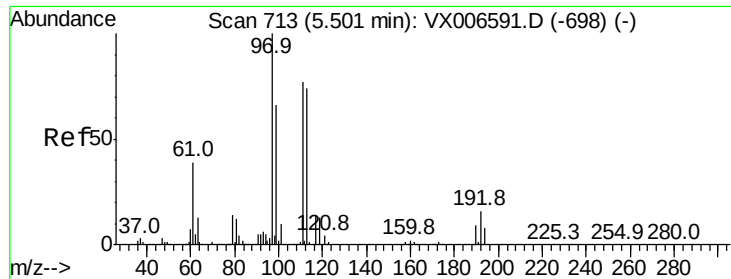
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.2	0.0	34.8	
88	14.6	0.0	28.8	





#35

Dibromofluoromethane

Concen: 47.620 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

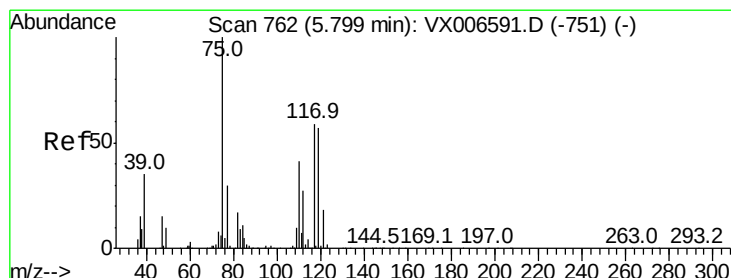
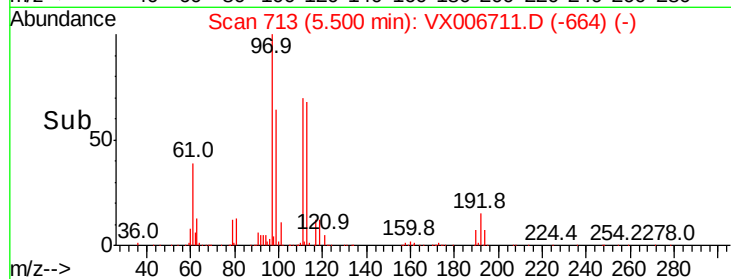
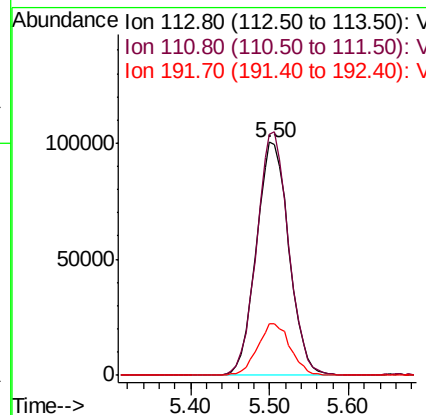
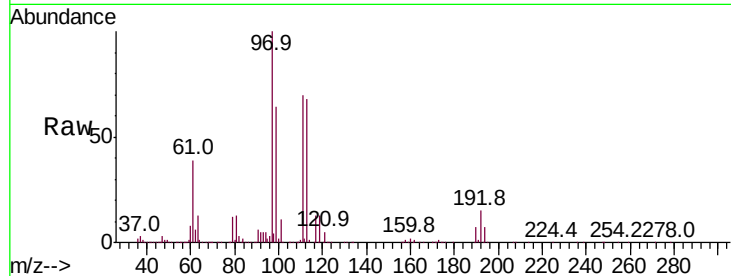
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	288989
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.6	122.4
192	22.3	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.069 ug/l

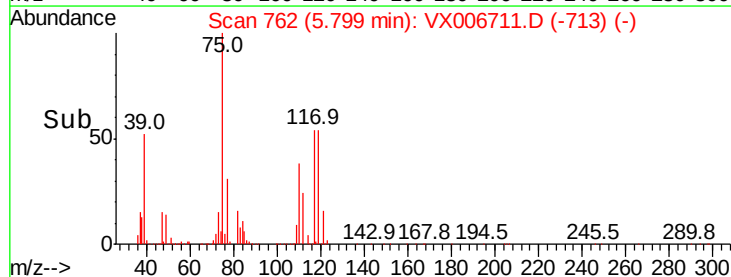
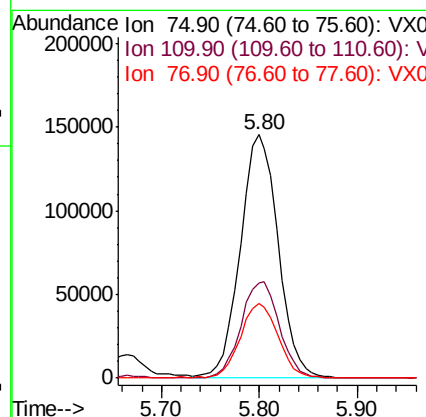
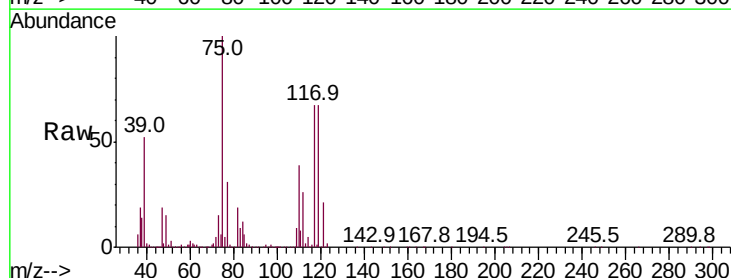
RT: 5.80 min Scan# 762

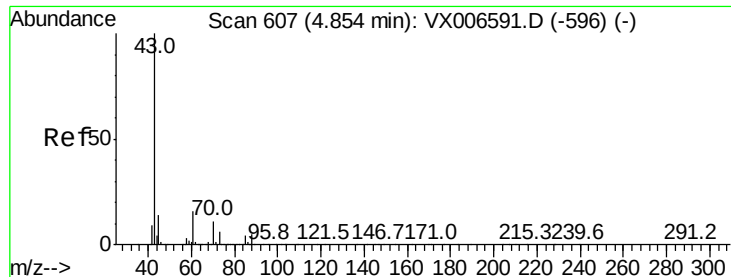
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	75	Resp:	390003
Ion Ratio	Lower	Upper	
75	100		
110	40.4	20.2	60.5
77	30.8	24.8	37.2





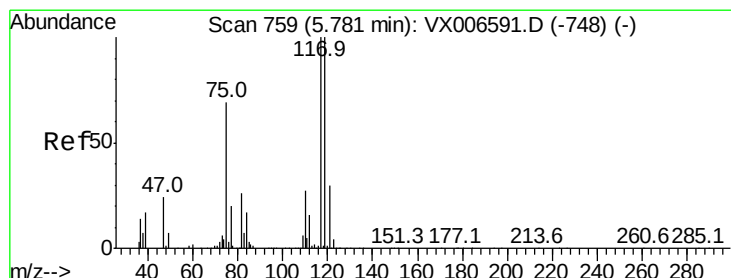
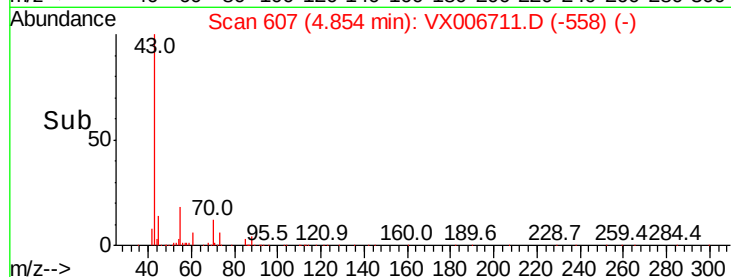
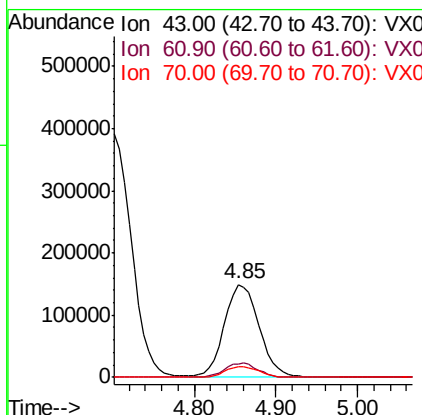
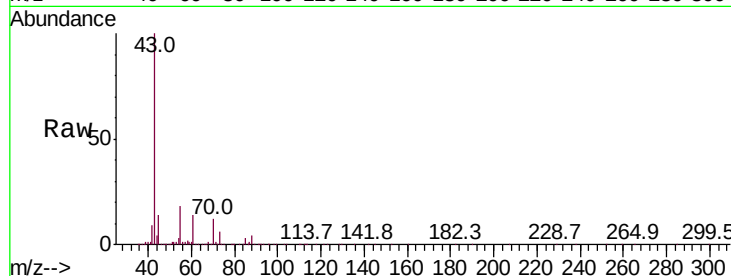
#37
Ethyl Acetate
Concen: 53.122 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	439451
Ion Ratio	100	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.5	9.7	14.5

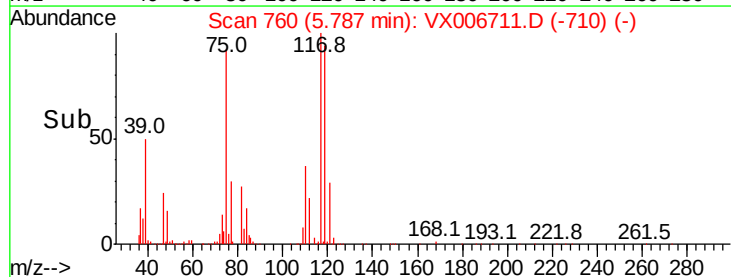
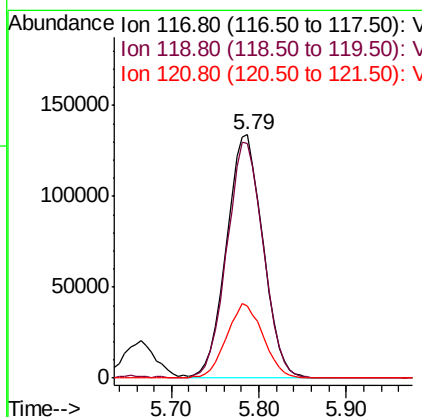
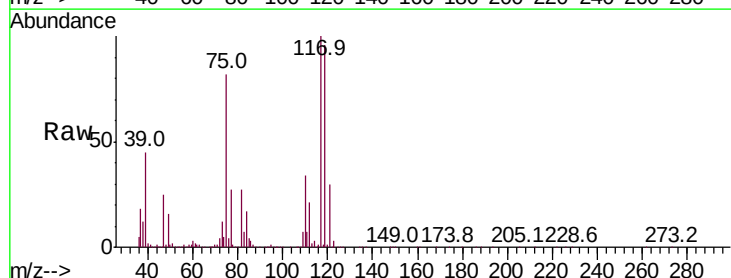
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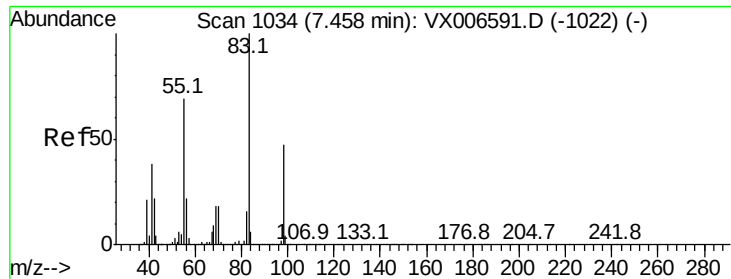
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.228 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	117	Resp	387971
Ion Ratio	100	Lower	Upper
117	100		
119	96.2	79.4	119.2
121	29.5	24.0	36.0





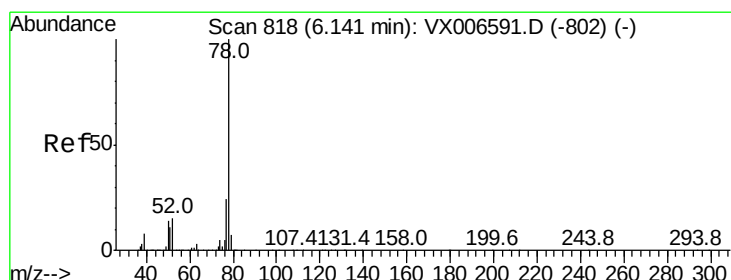
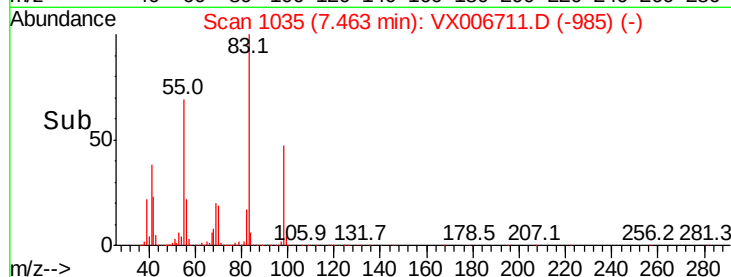
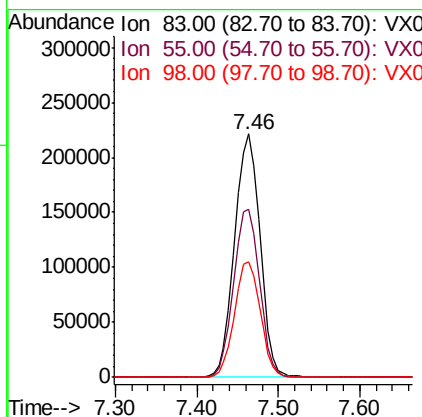
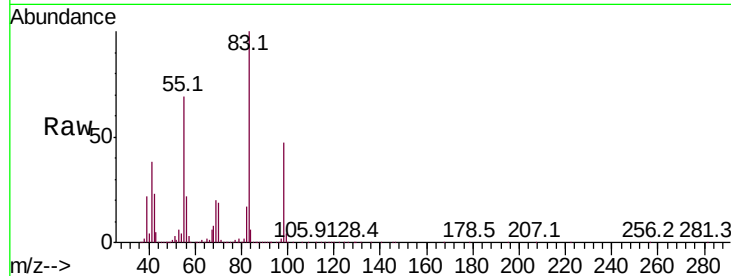
#39
Methylvlcyclohexane
Concen: 45.606 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	54.9	82.3
98	47.5	37.9	56.9

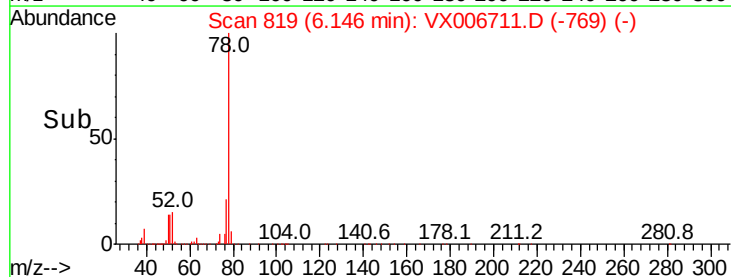
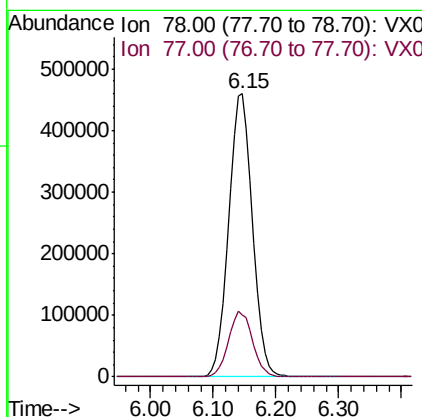
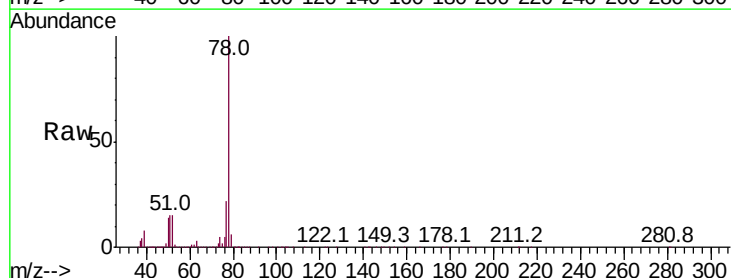
Manual Integrations
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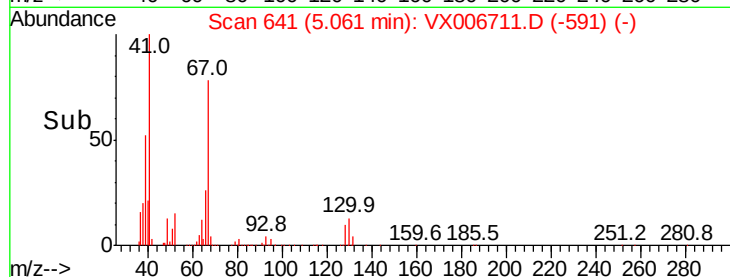
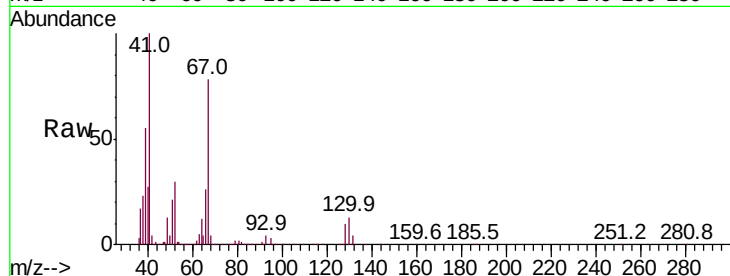
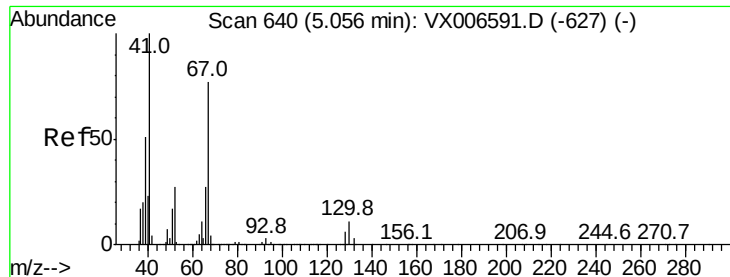
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#40
Benzene
Concen: 49.771 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8





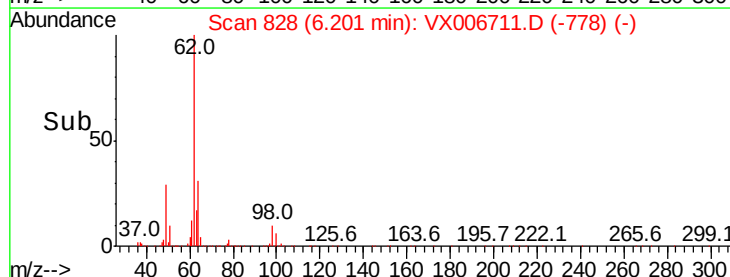
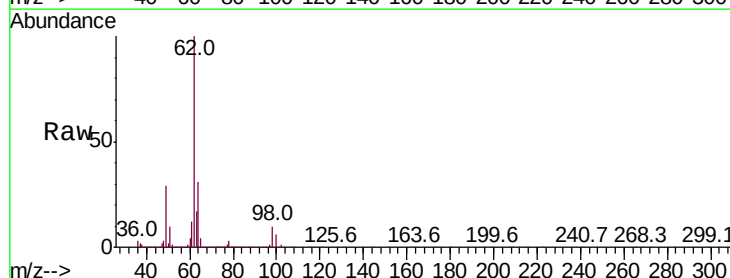
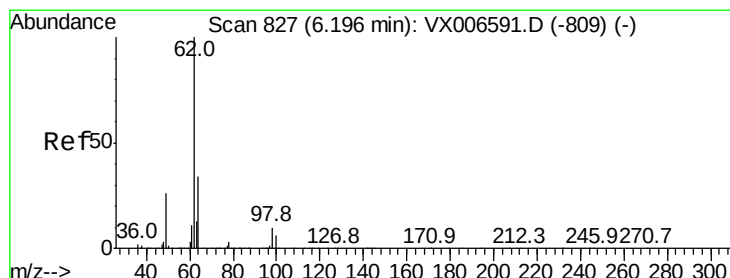
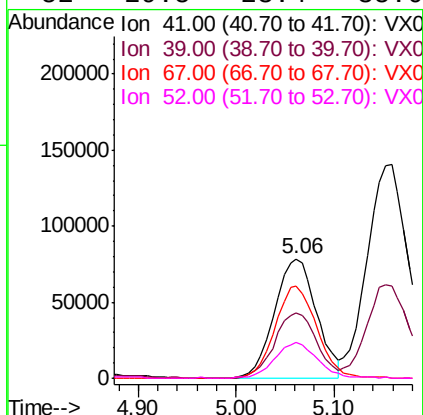
#41
Methacrylonitrile
Concen: 53.400 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	42.8	64.2	
67	77.7	62.1	93.1	
52	29.5	23.4	35.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

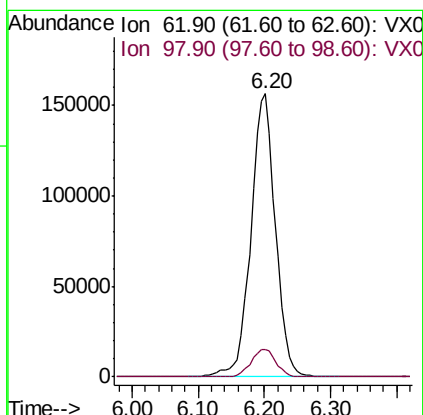
Manual Integrations
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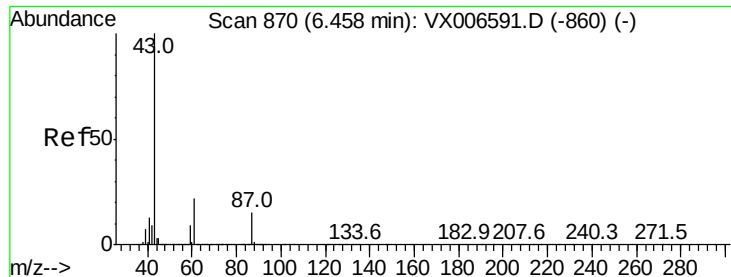
MMDadoda
12/21/2018 10:20:02 AM



#42
1,2-Dichloroethane
Concen: 48.900 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

Isopropyl Acetate

Concen: 54.676 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

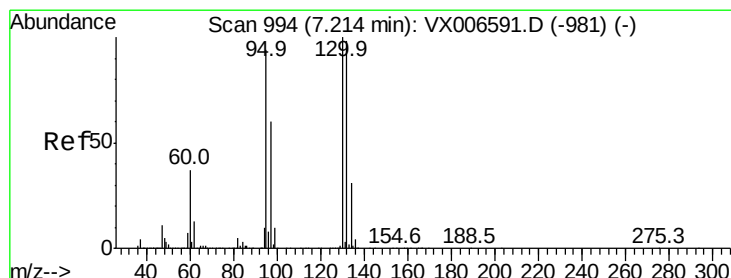
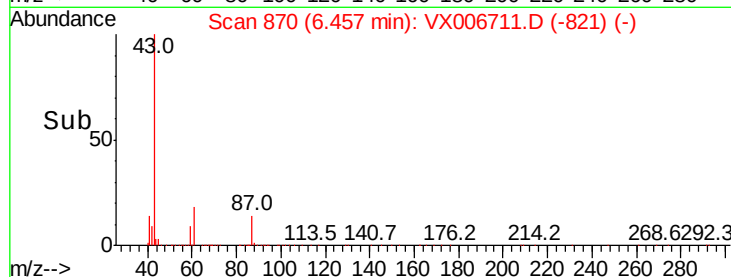
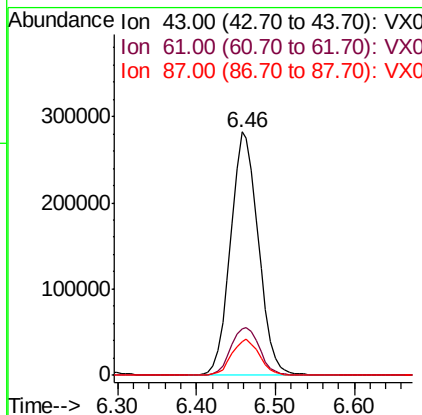
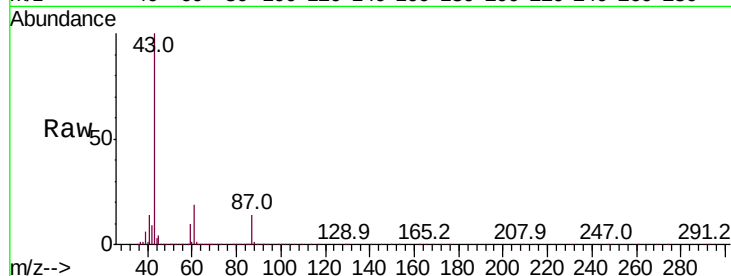
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	688204
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	15.0	12.4	18.6

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#44

Trichloroethene

Concen: 48.086 ug/l

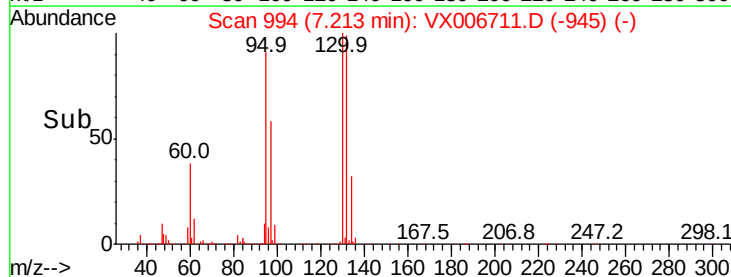
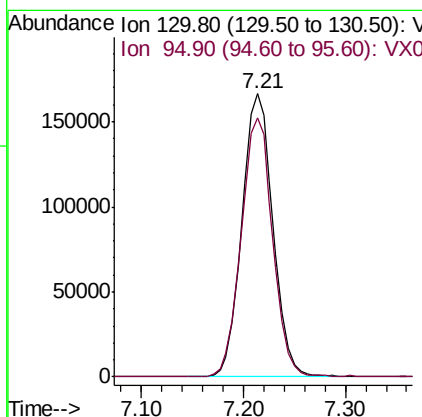
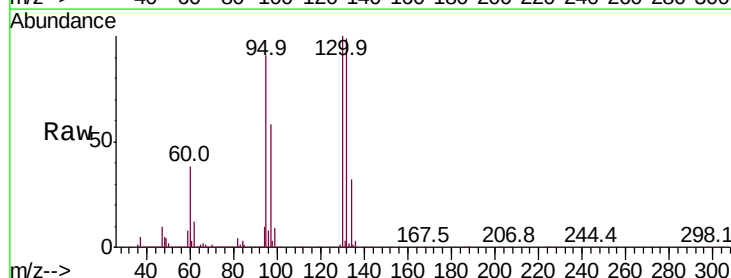
RT: 7.21 min Scan# 994

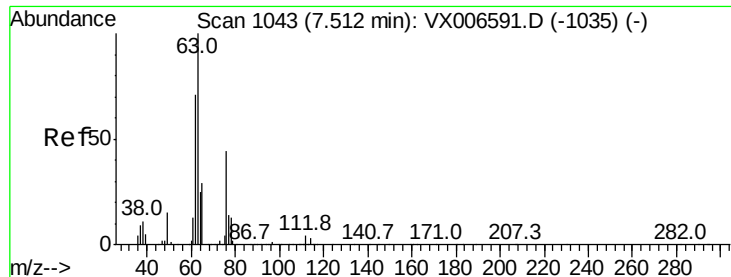
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	130	Resp:	351619
Ion Ratio	Lower	Upper	
130	100		
95	91.3	0.0	187.0





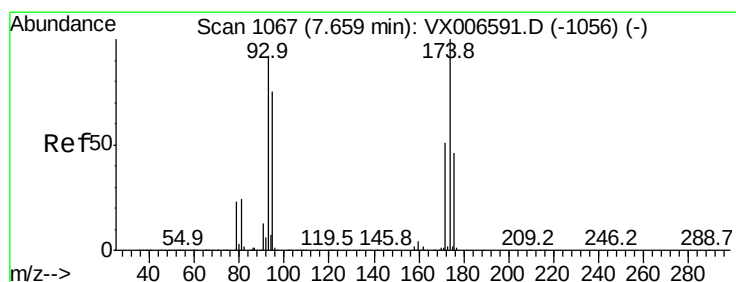
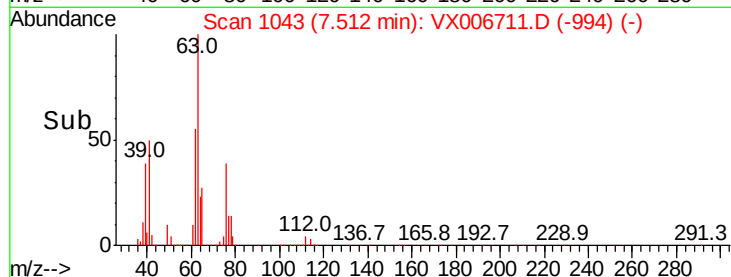
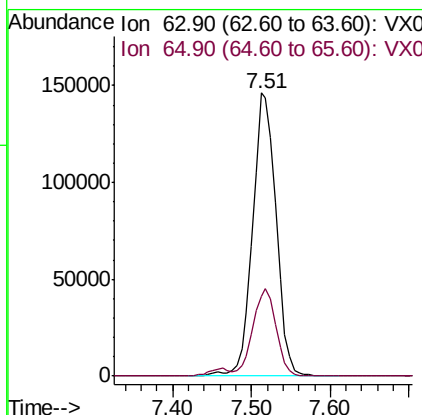
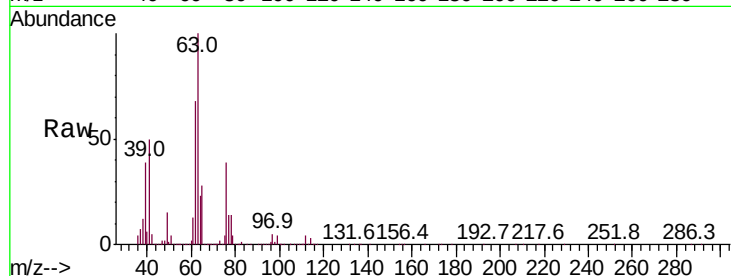
#45
 1,2-Dichloropropane
 Concen: 51.606 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	25.4	38.0

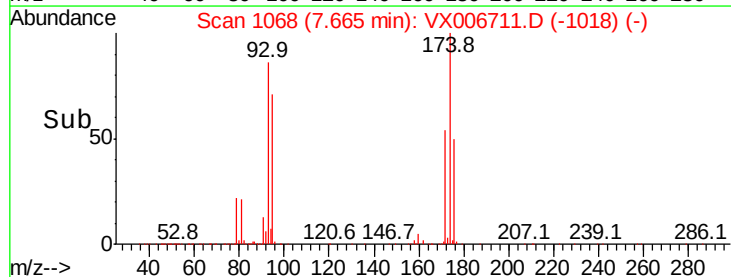
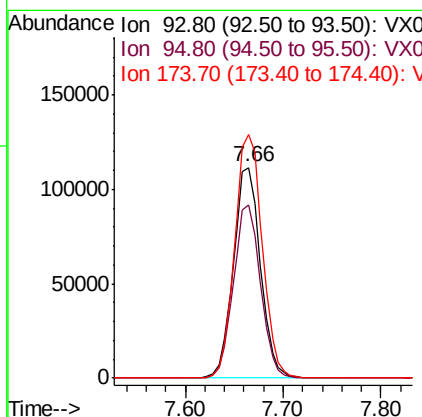
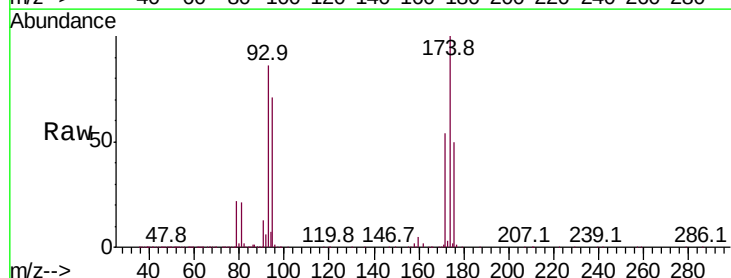
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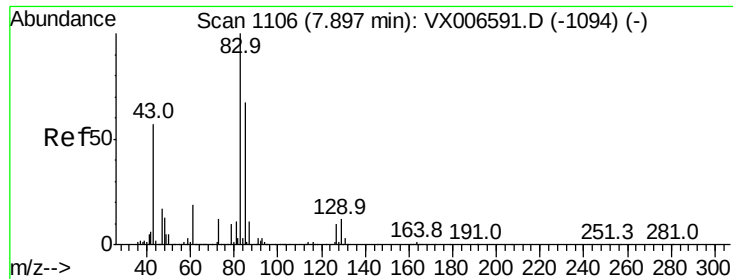
MMDadoda
 12/21/2018 10:20:02 AM



#46
 Dibromomethane
 Concen: 49.534 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	118.1	91.0	136.4





#47

Bromodichloromethane

Concen: 51.794 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

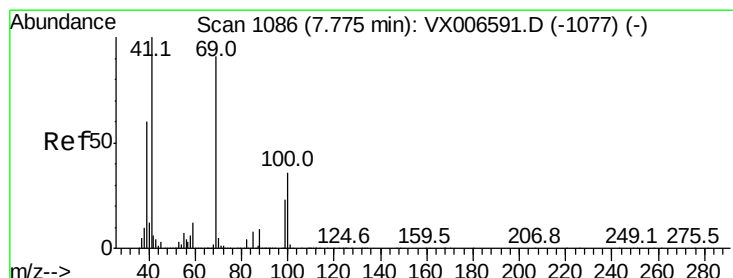
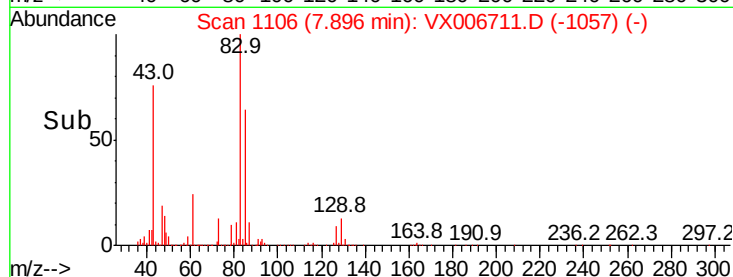
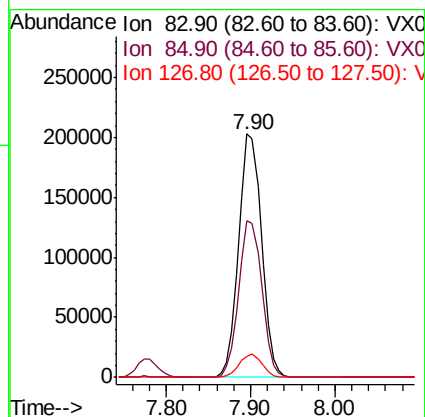
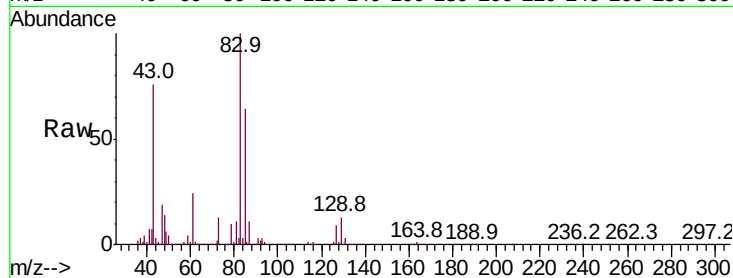
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	371861
Ion Ratio	Lower	Upper	
83	100		
85	64.1	53.2	79.8
127	8.8	7.8	11.6

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#48

Methyl methacrylate

Concen: 54.608 ug/l

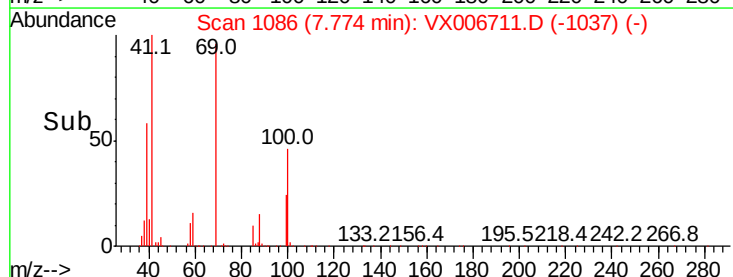
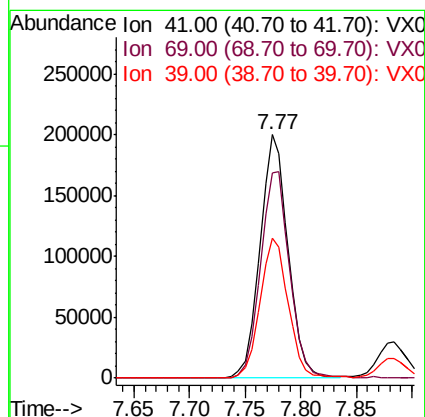
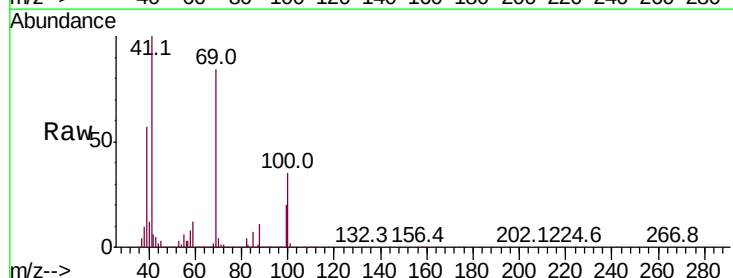
RT: 7.77 min Scan# 1086

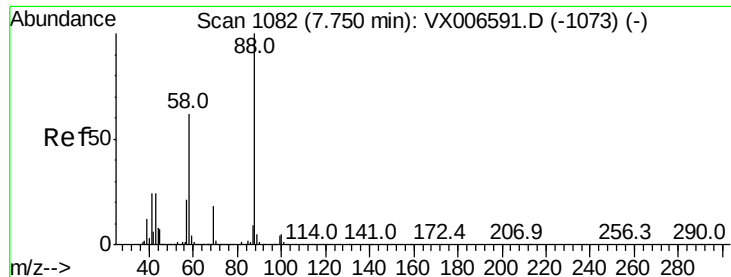
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	41	Resp:	349535
Ion Ratio	Lower	Upper	
41	100		
69	88.7	72.4	108.6
39	57.7	45.8	68.8





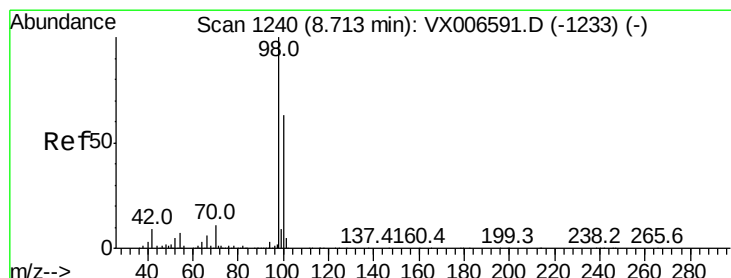
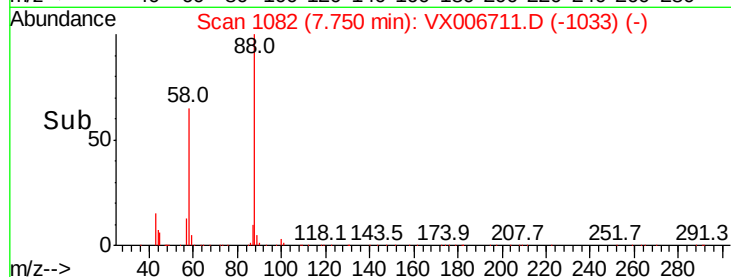
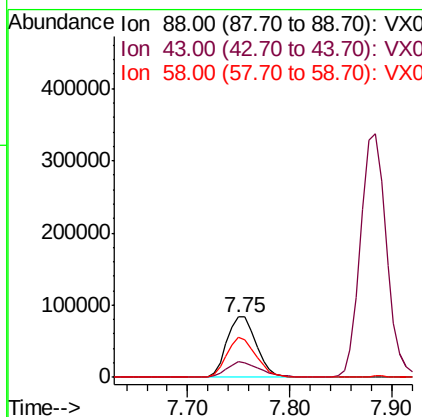
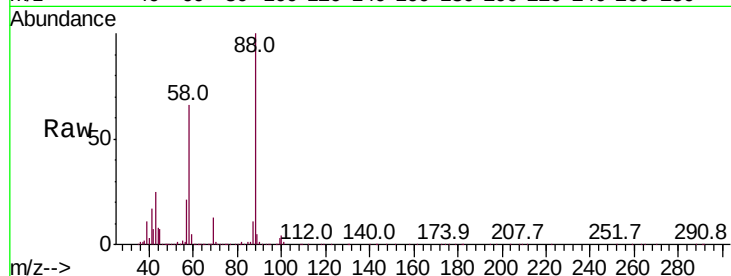
#49
1,4-Dioxane
Concen: 1008.192 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.2	33.4
58	64.7	51.0	76.4

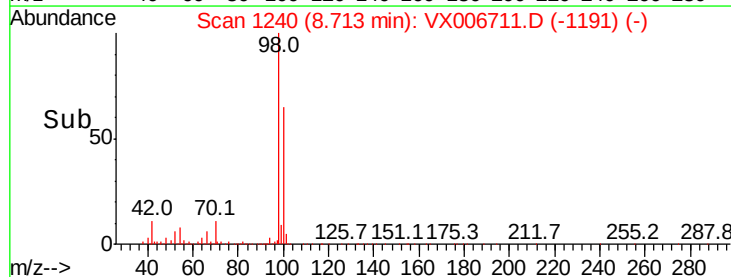
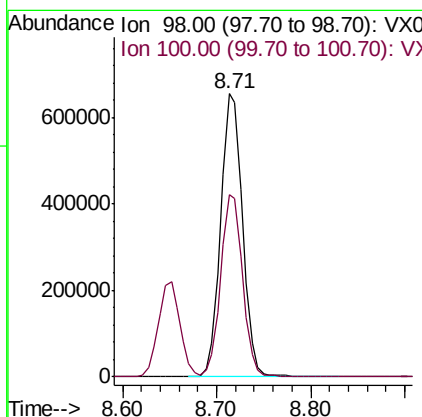
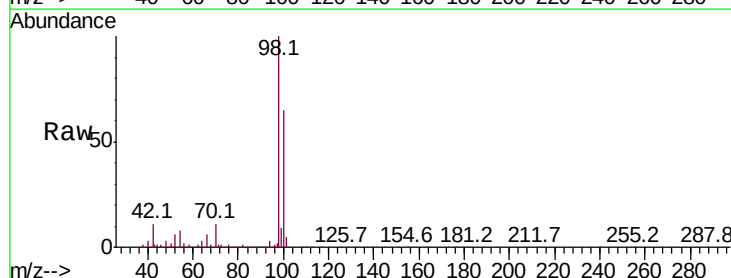
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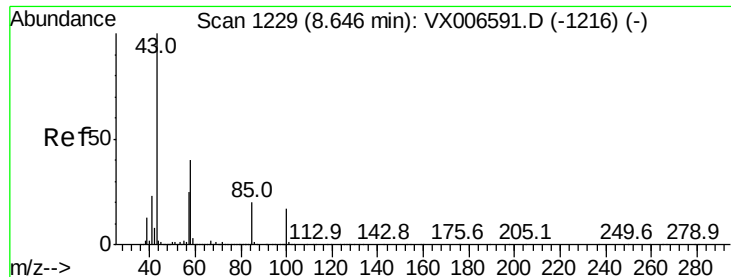
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#50
Toluene-d8
Concen: 46.085 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 268.465 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2150058

Ion Ratio Lower Upper

43 100

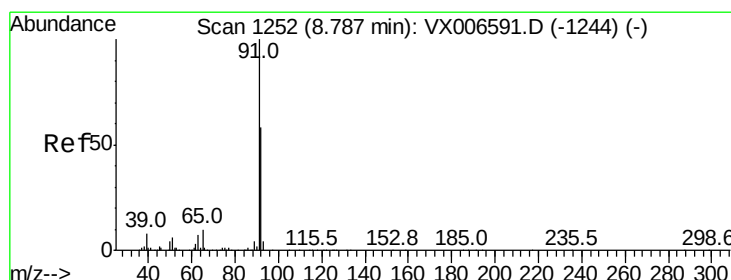
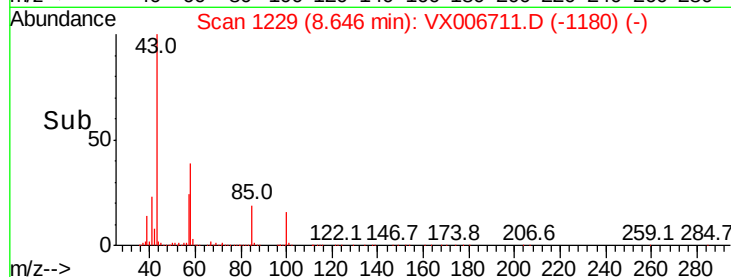
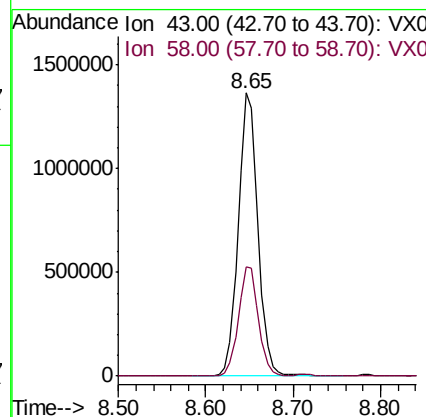
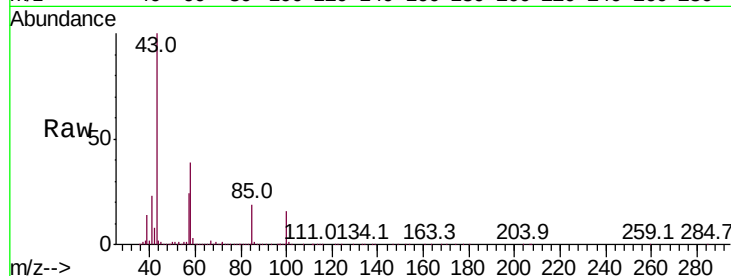
58 39.1 31.8 47.6

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#52

Toluene

Concen: 49.479 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006711.D

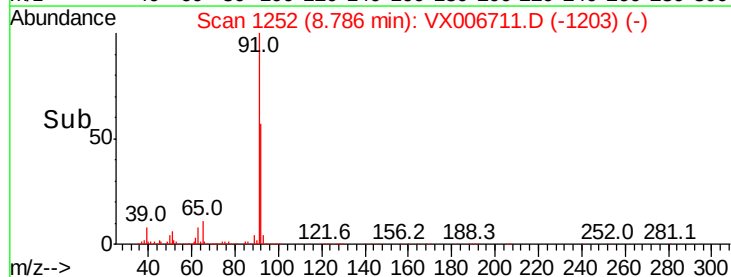
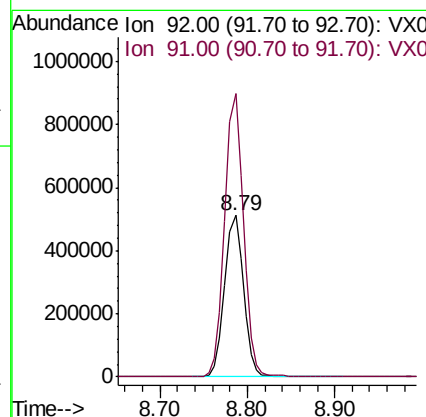
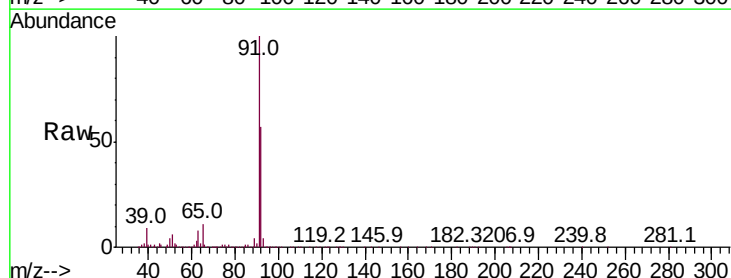
Acq: 21 Dec 2018 07:48

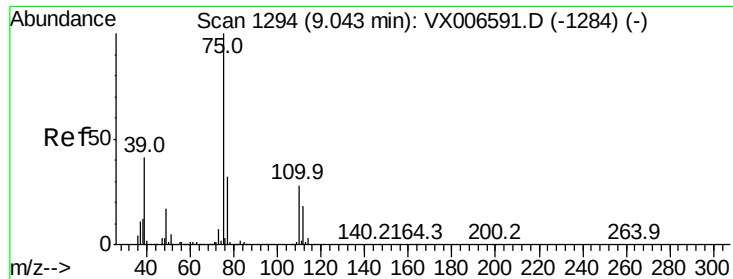
Tgt Ion: 92 Resp: 772271

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4





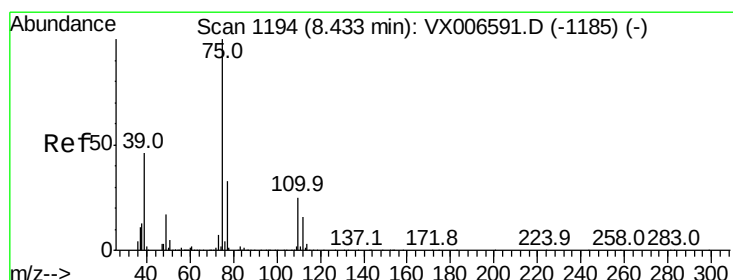
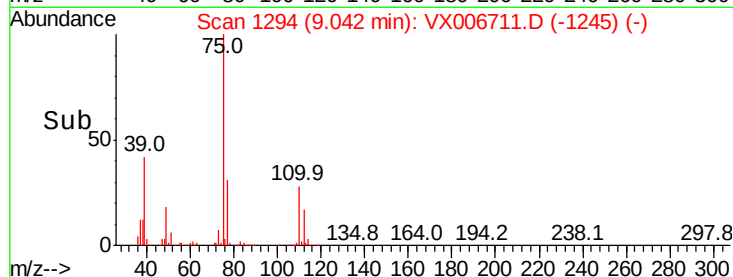
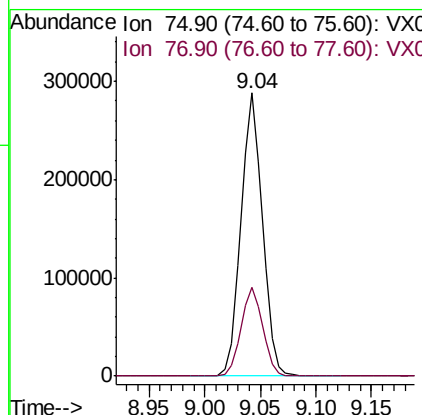
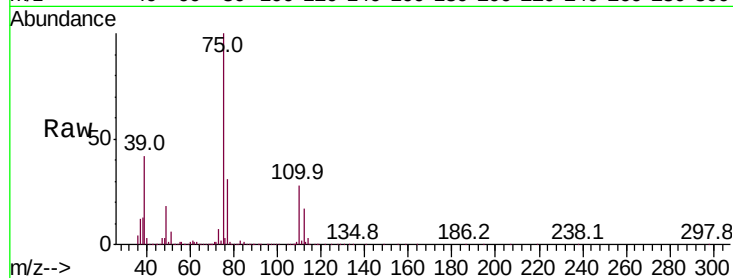
#53
t-1,3-Dichloropropene
Concen: 50.126 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 385973
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

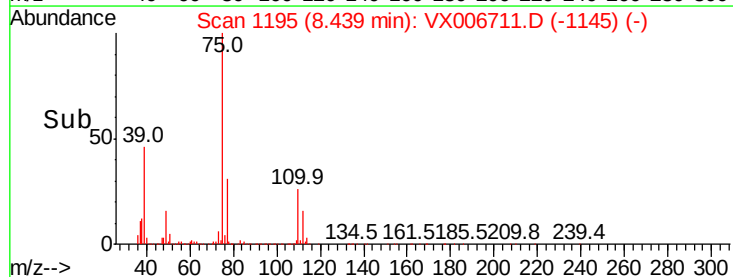
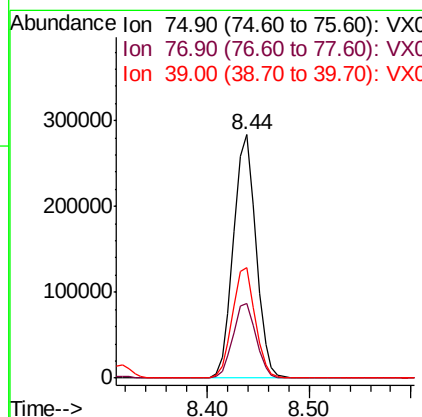
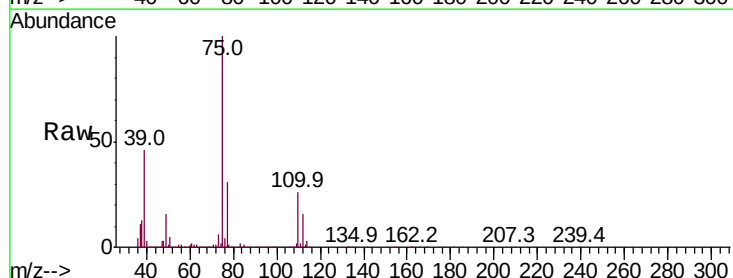
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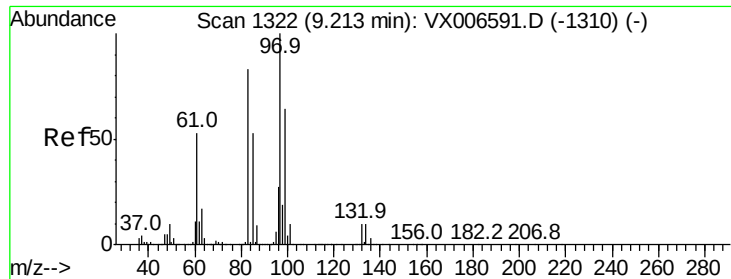
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#54
cis-1,3-Dichloropropene
Concen: 51.059 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 75 Resp: 431389
Ion Ratio Lower Upper
75 100
77 30.6 26.2 39.2
39 45.5 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 50.258 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 321078

Ion Ratio Lower Upper

97 100

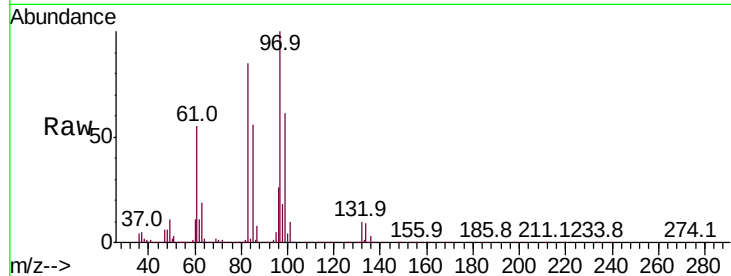
83 84.9 66.6 99.8

85 56.3 42.7 64.1

99 61.0 50.8 76.2

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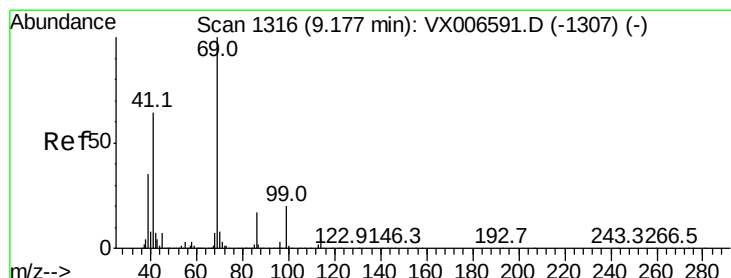
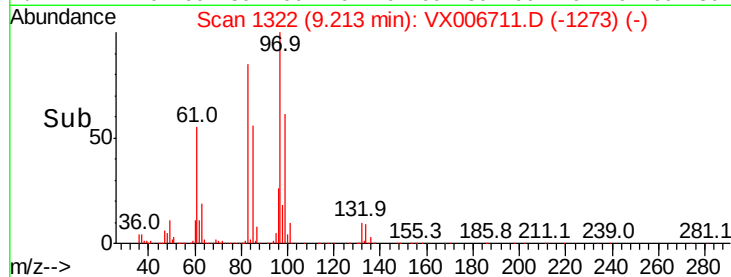
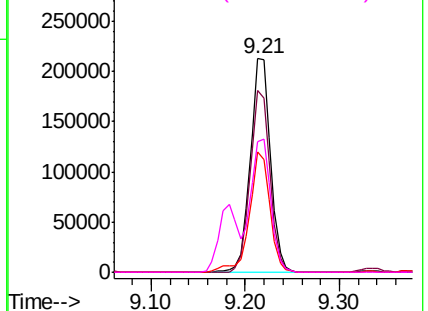
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.865 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

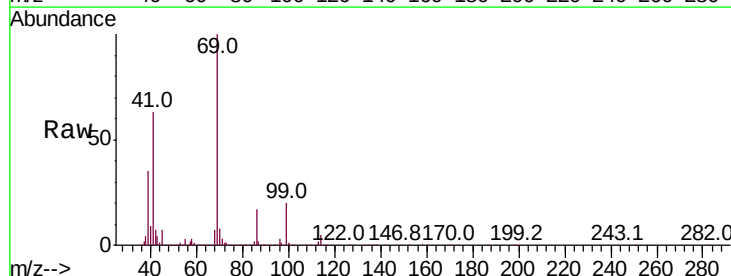
Tgt Ion: 69 Resp: 477344

Ion Ratio Lower Upper

69 100

41 63.3 48.7 73.1

39 35.7 27.0 40.6

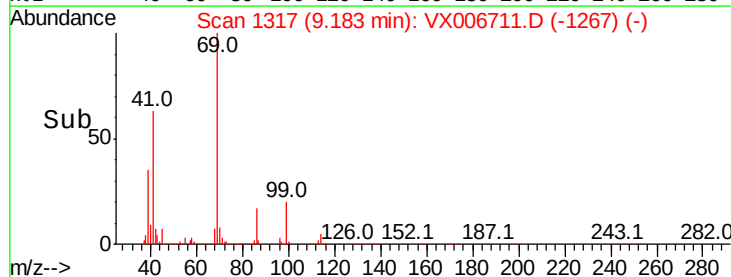
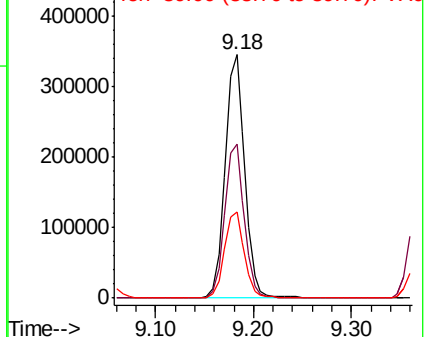


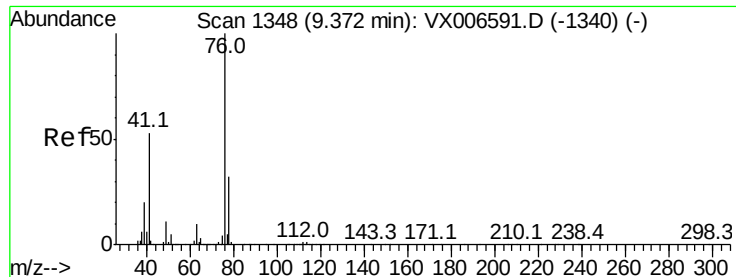
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





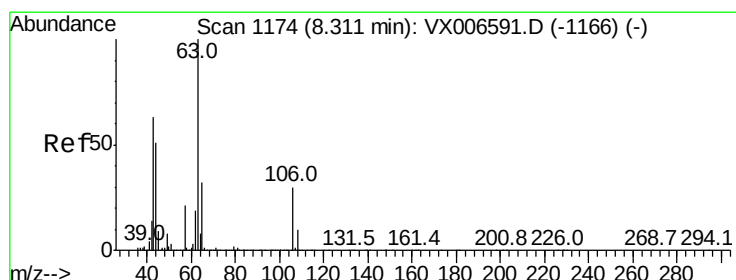
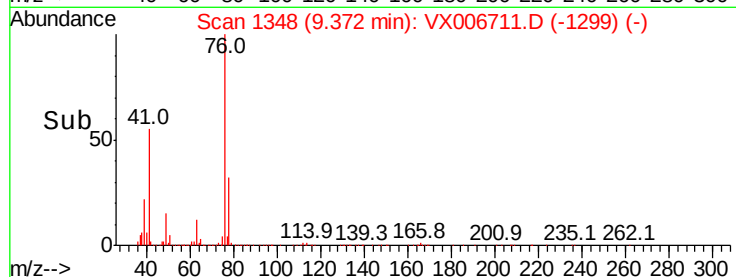
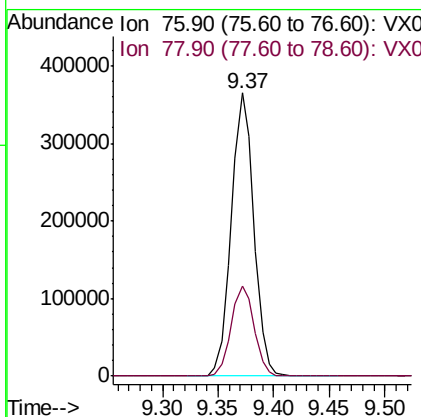
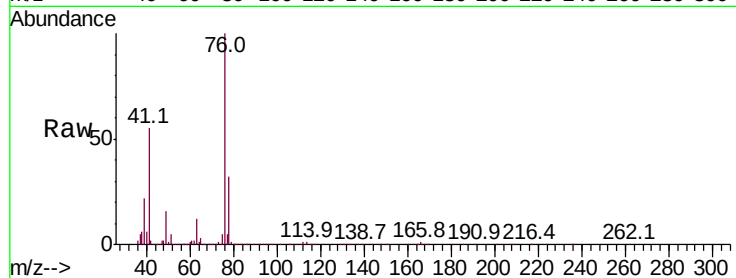
#57
 1,3-Dichloropropane
 Concen: 49.682 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

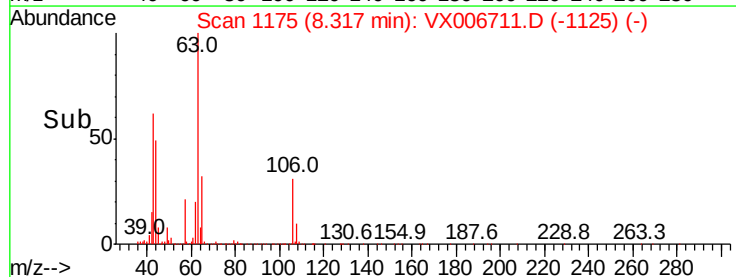
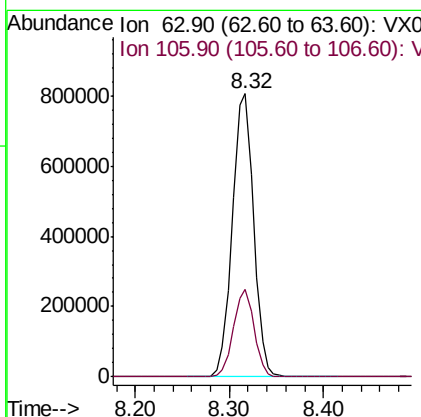
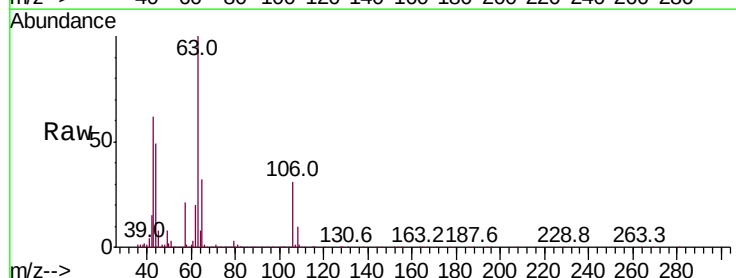
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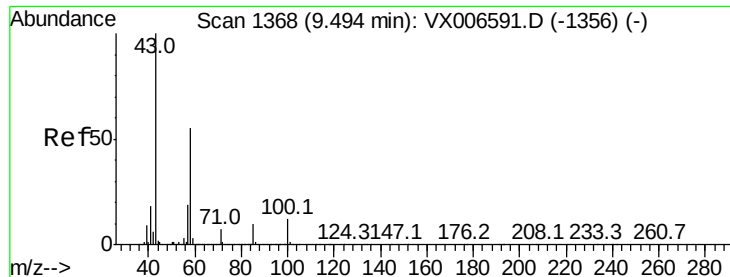
MMDadoda
 12/21/2018 10:20:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.414 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.6	36.8





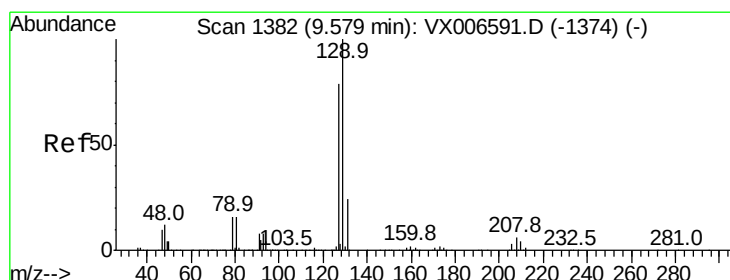
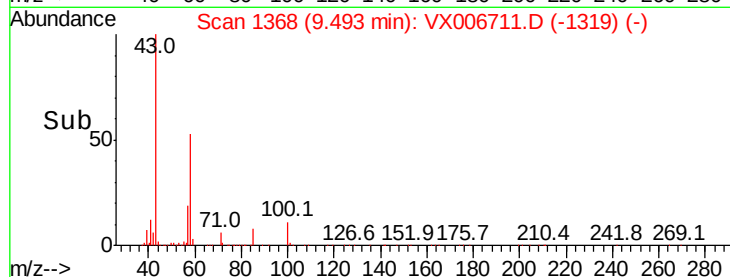
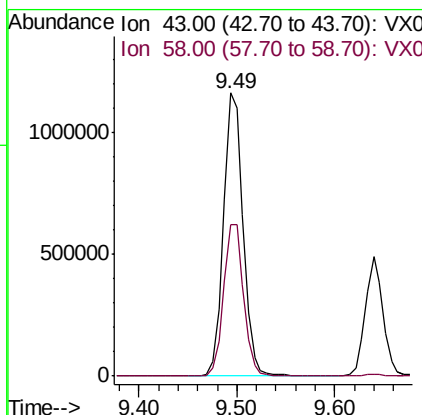
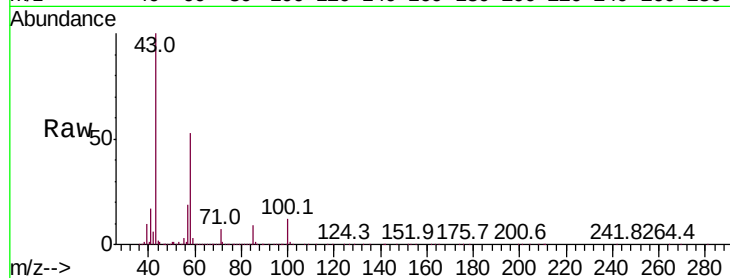
#59
2-Hexanone
Concen: 263.059 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1611921
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

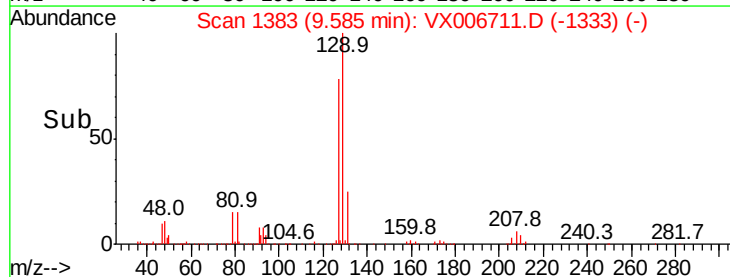
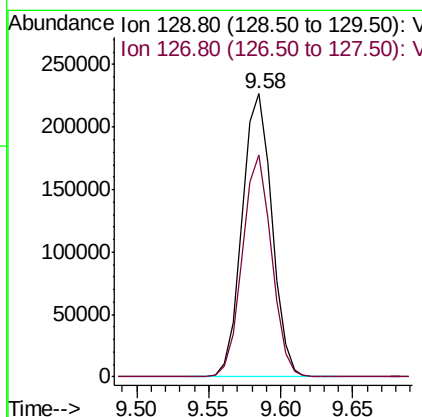
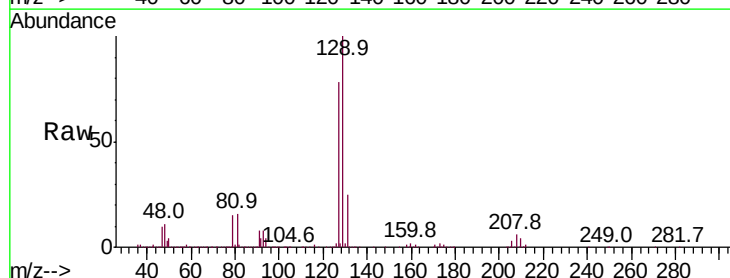
Manual Integrations
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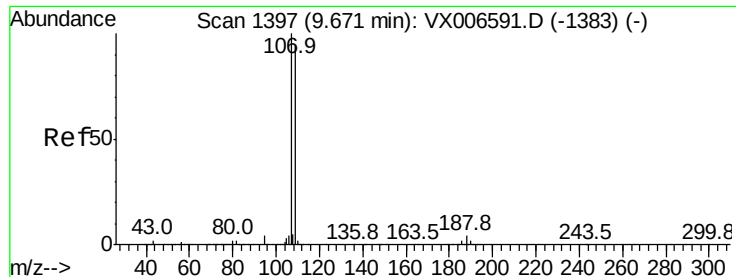
MMDadoda
12/21/2018 10:20:02 AM



#60
Dibromochloromethane
Concen: 48.678 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 129 Resp: 324825
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.679 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 350970

Ion Ratio Lower Upper

107 100

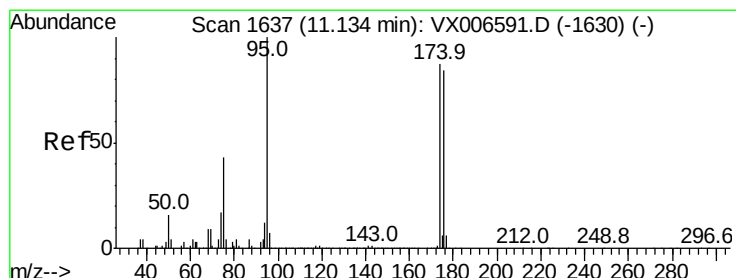
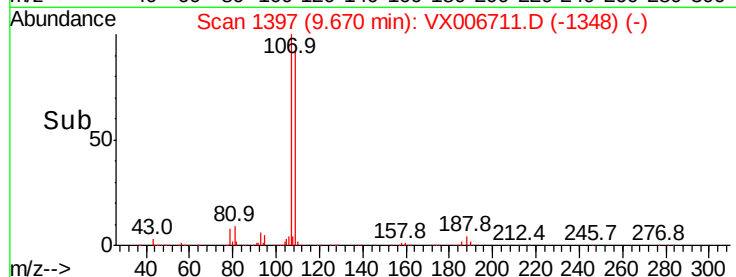
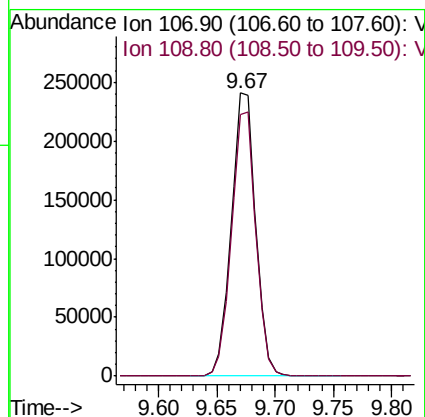
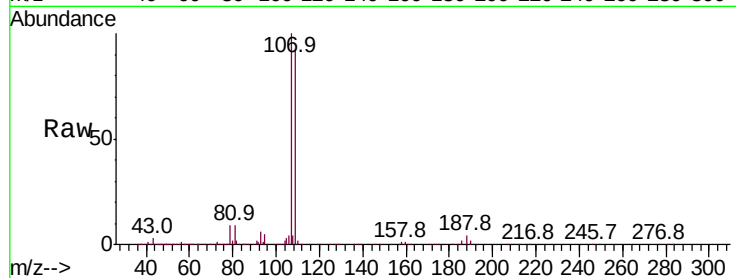
109 93.3 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.012 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

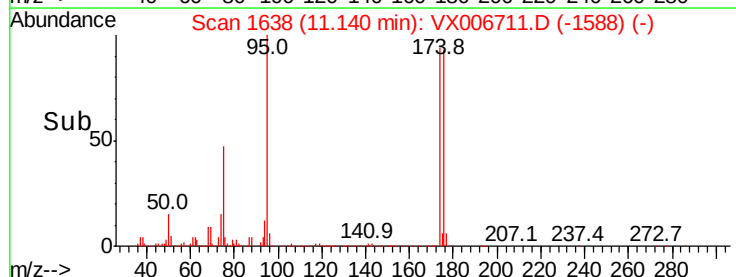
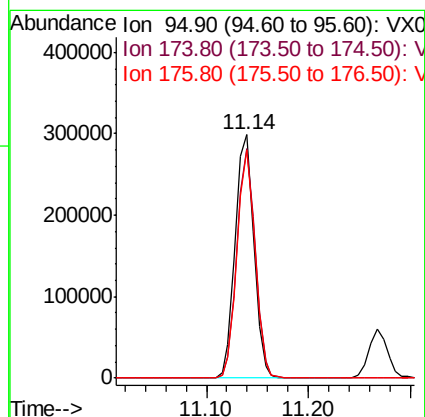
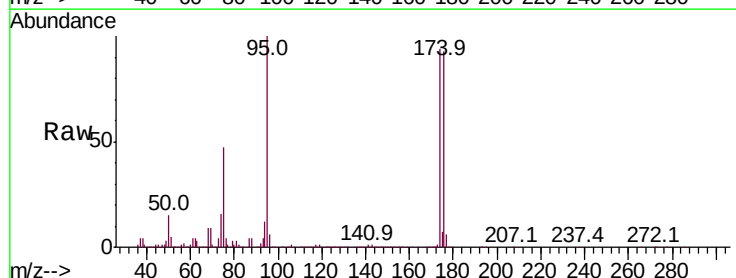
Tgt Ion: 95 Resp: 377163

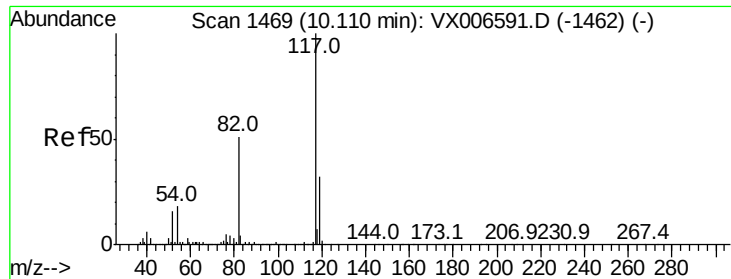
Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

176 90.3 0.0 178.8





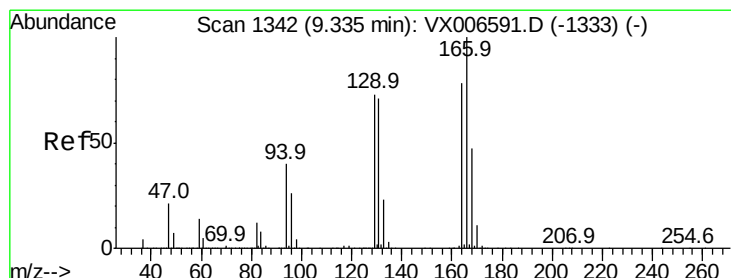
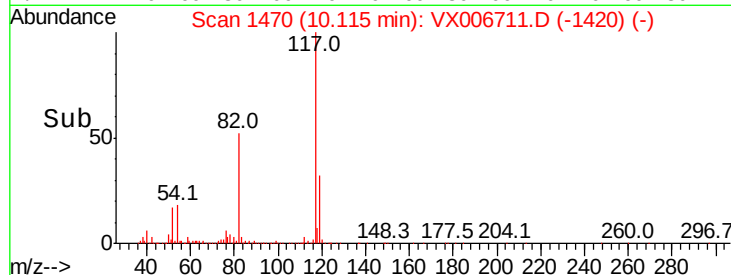
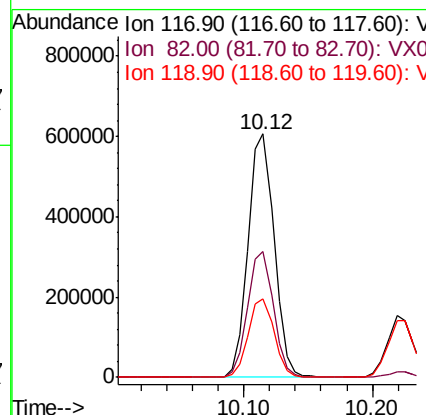
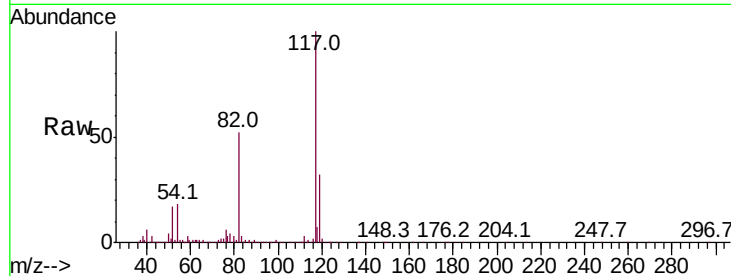
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.0	61.6
119	32.4	25.4	38.0

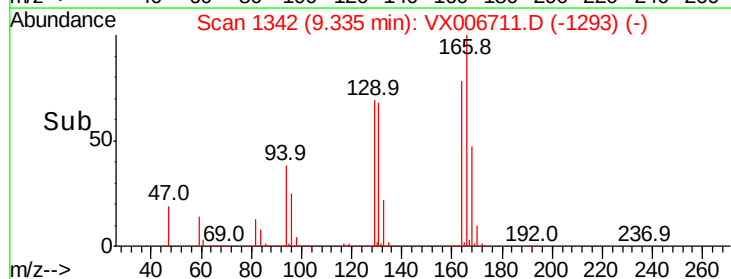
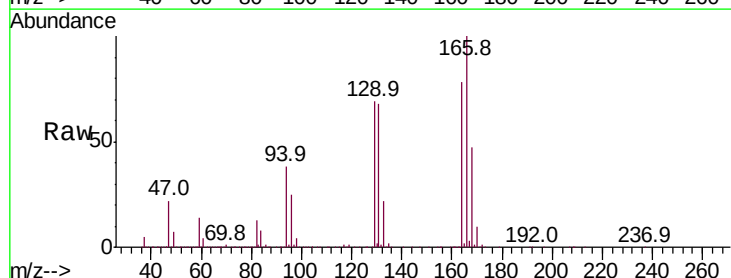
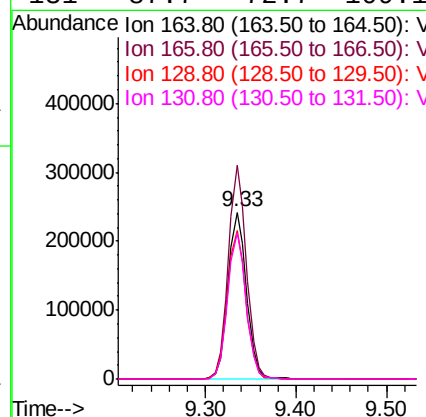
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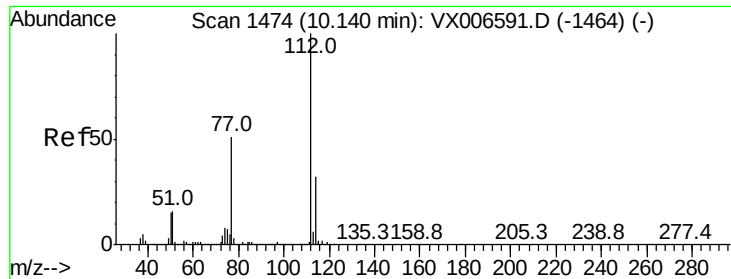
MMDadoda
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#64
Tetrachloroethene
Concen: 51.532 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.5	153.7
129	89.0	75.1	112.7
131	87.7	72.7	109.1





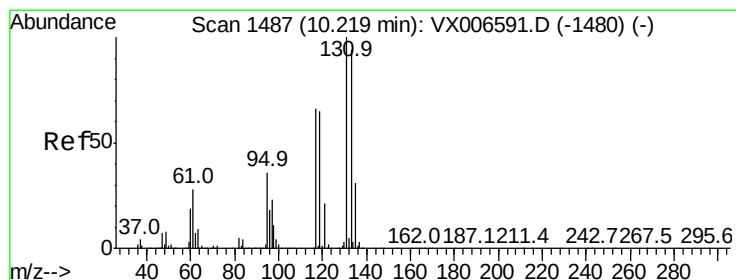
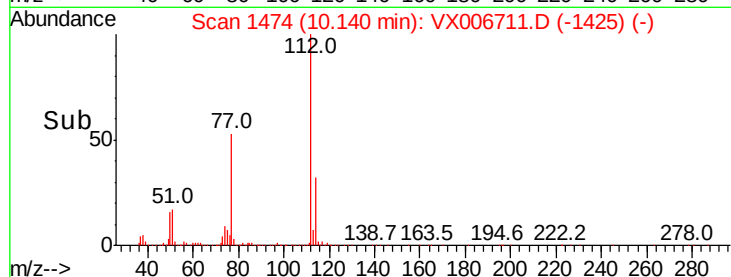
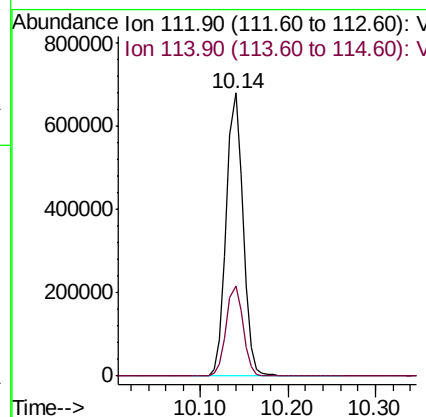
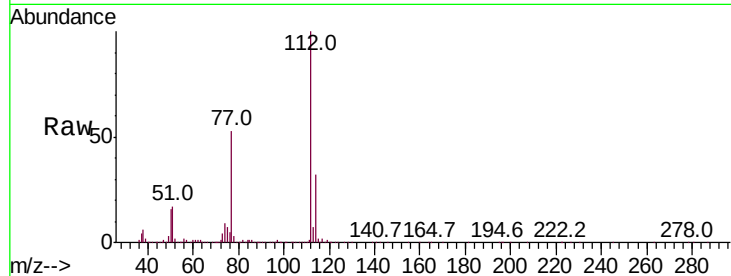
#65
Chlorobenzene
Concen: 50.302 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 898270
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

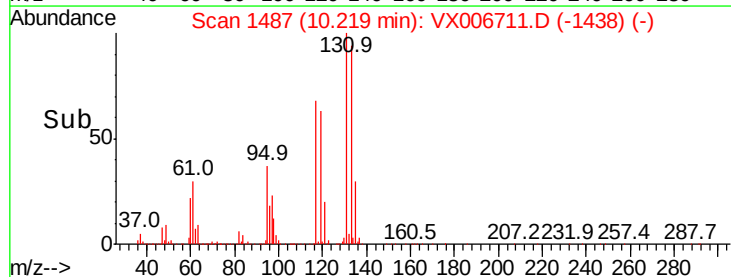
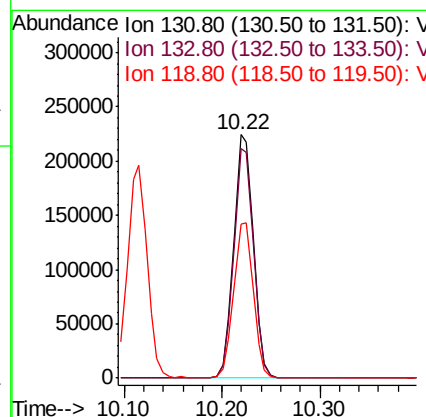
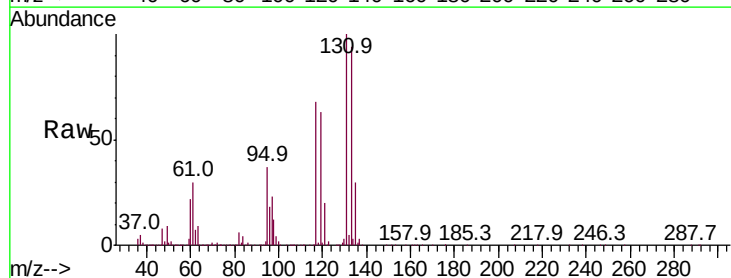
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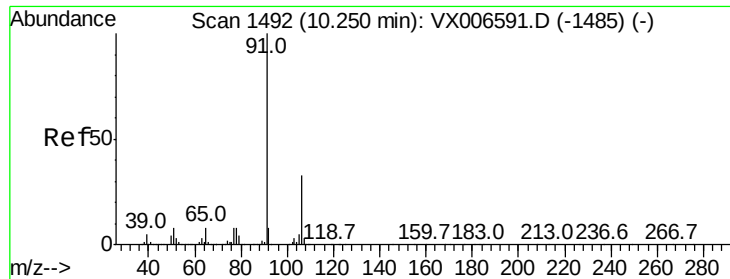
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.112 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion:131 Resp: 312632
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 64.2 32.6 97.8





#67

Ethyl Benzene

Concen: 50.122 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1462602

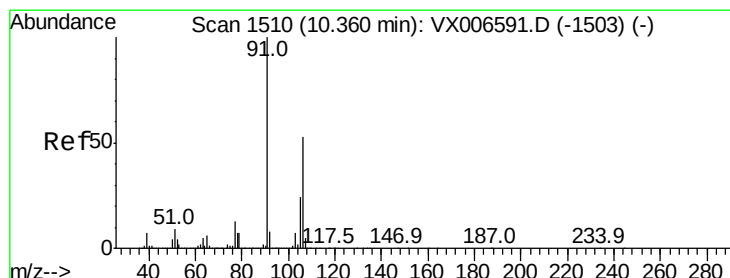
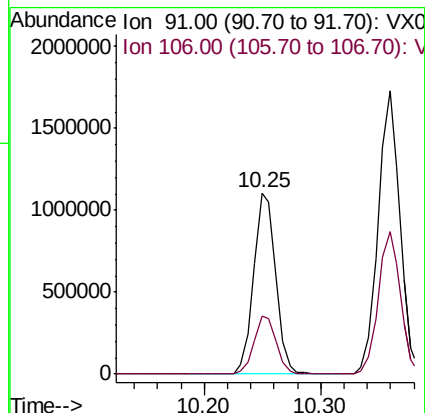
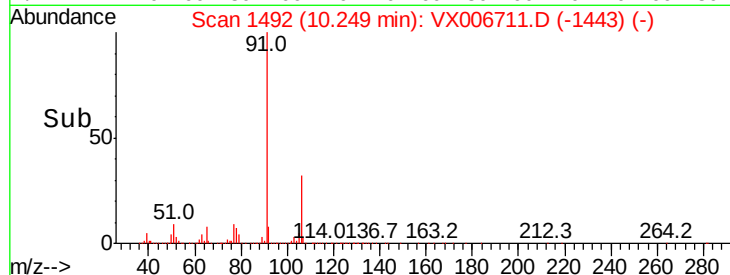
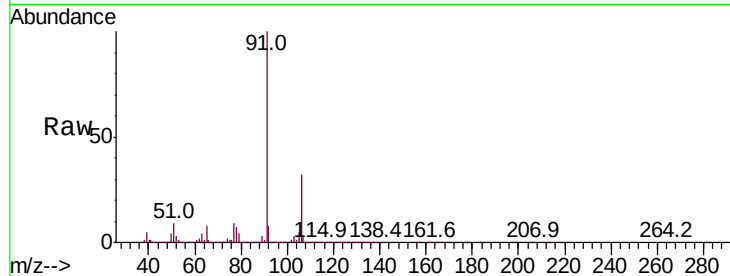
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

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#68

m/p-Xylenes

Concen: 100.424 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006711.D

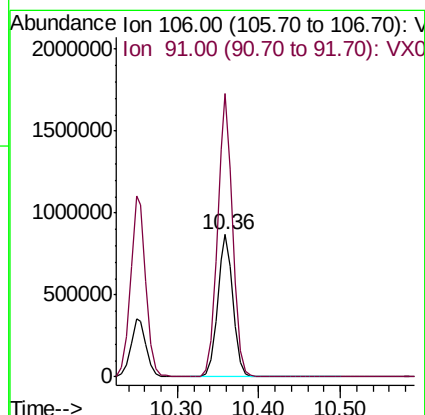
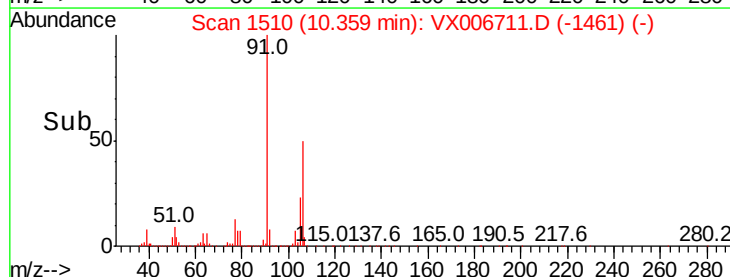
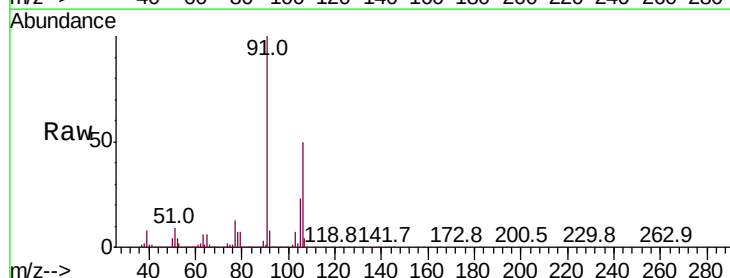
Acq: 21 Dec 2018 07:48

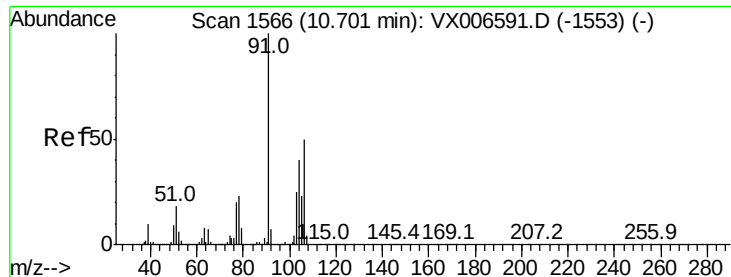
Tgt Ion: 106 Resp: 1156346

Ion Ratio Lower Upper

106 100

91 194.6 155.8 233.6





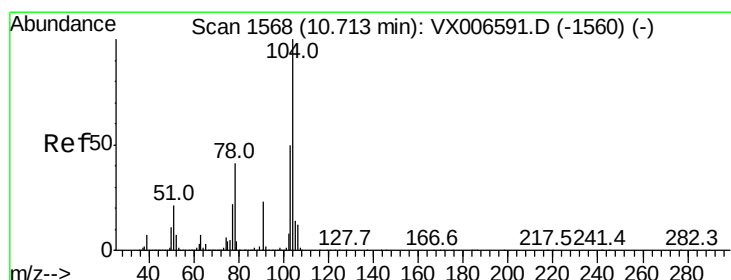
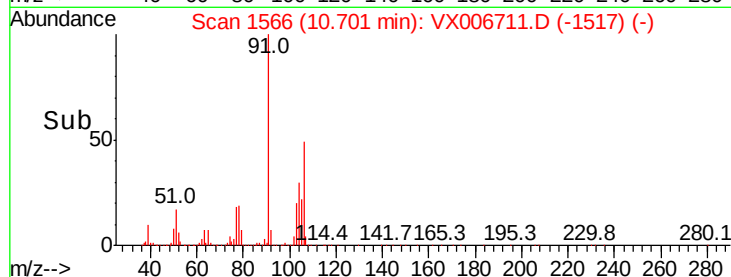
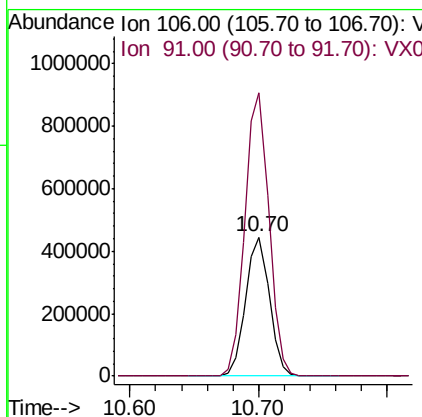
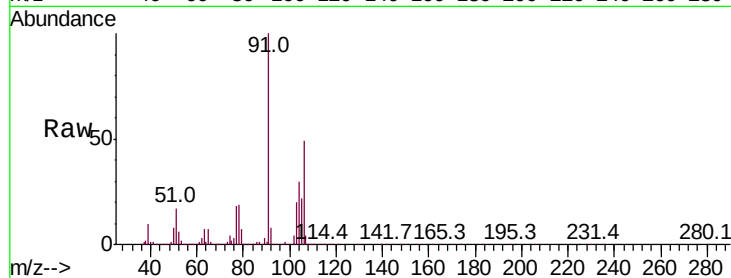
#69
o-Xylene
Concen: 49.764 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.5	101.3	303.7

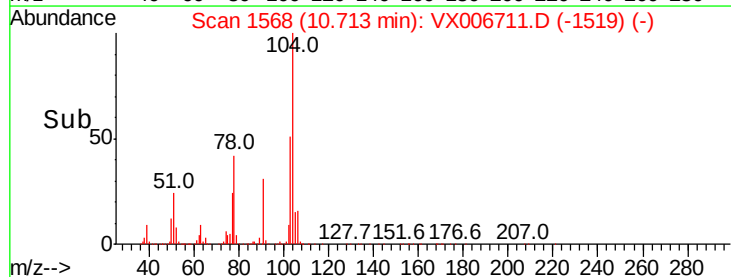
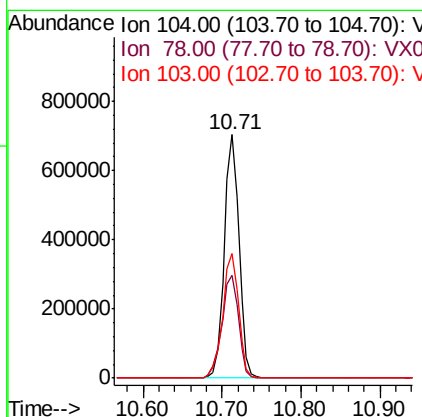
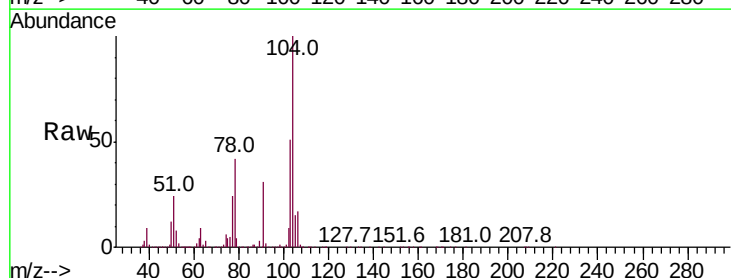
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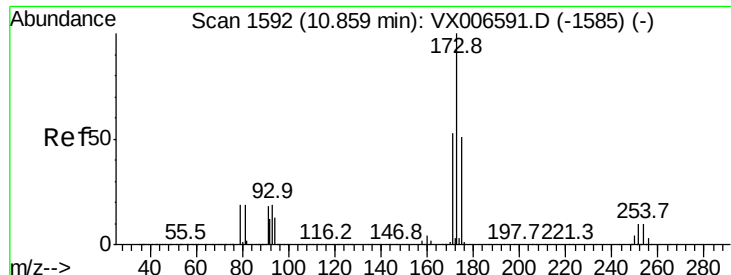
MMDadoda
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#70
Styrene
Concen: 50.737 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.7	56.5
103	55.4	43.8	65.8





#71

Bromoform

Concen: 47.050 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 235000

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

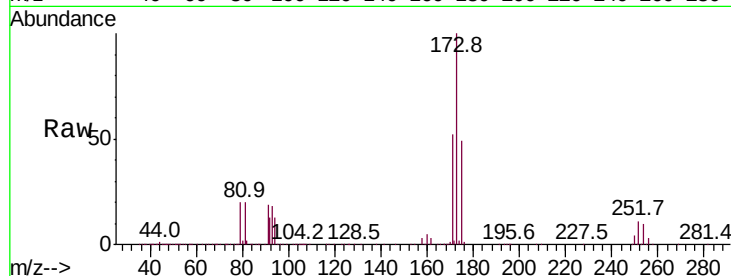
254 0.2 0.2 0.2

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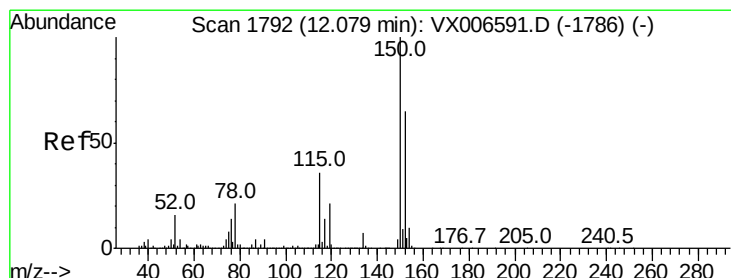
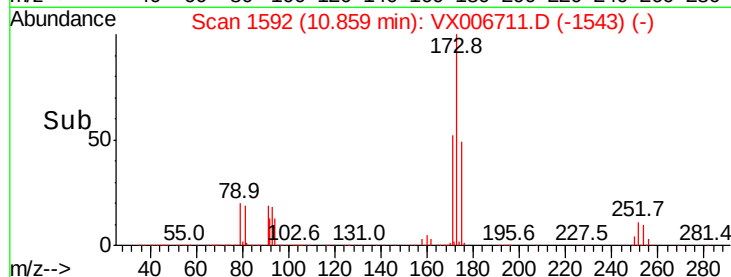
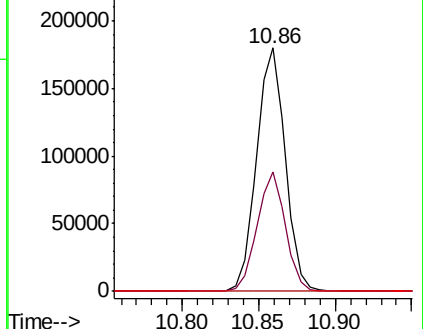
12/21/2018 10:20:02 AM



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: VX006711.D

Acq: 21 Dec 2018 07:48

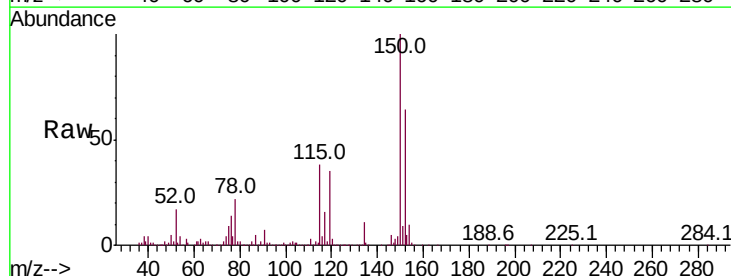
Tgt Ion:152 Resp: 430390

Ion Ratio Lower Upper

152 100

115 77.6 39.1 117.2

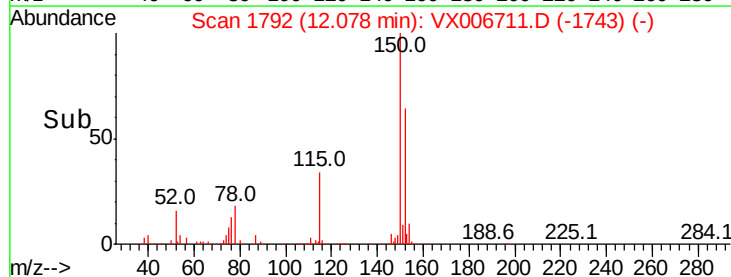
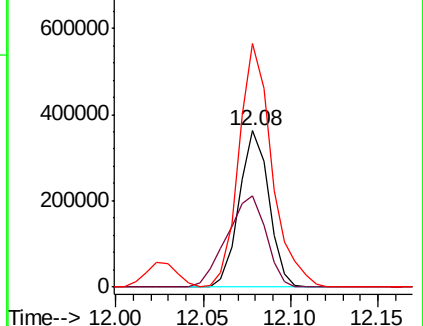
150 172.9 0.0 344.8

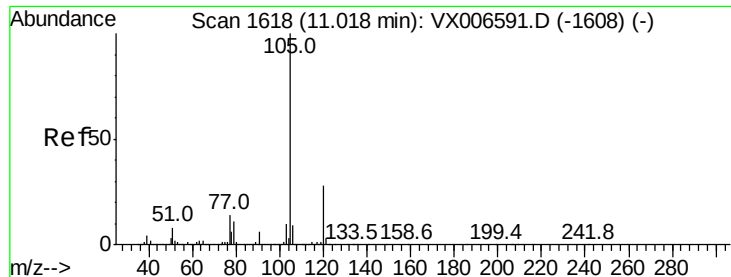


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.452 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1514941

Ion Ratio Lower Upper

105 100

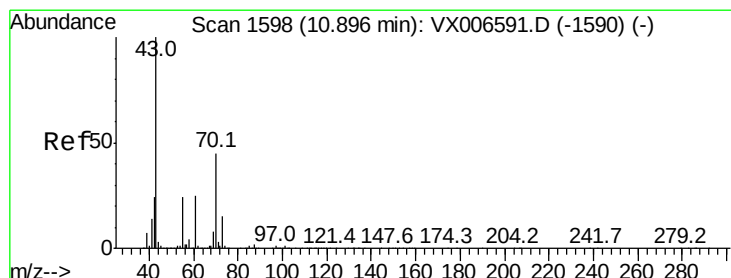
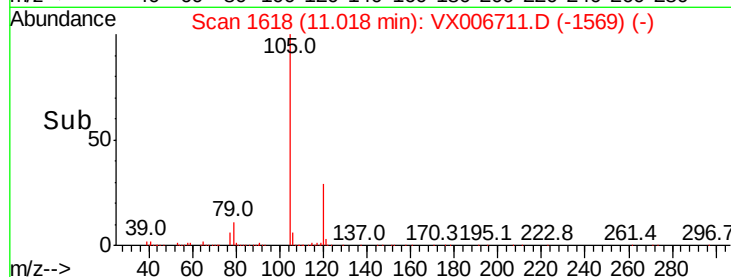
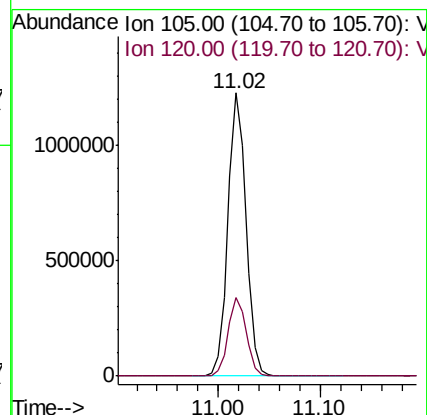
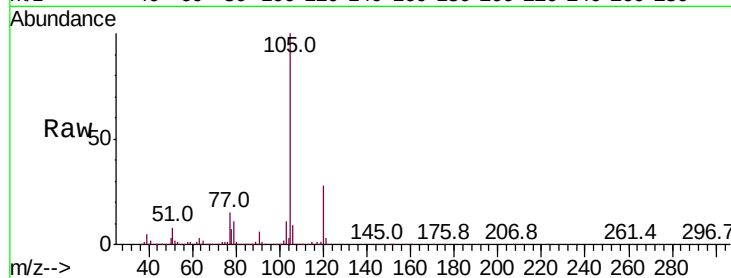
120 28.0 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 57.563 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion: 43 Resp: 606669

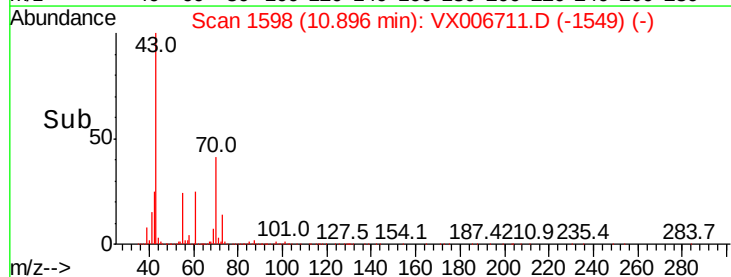
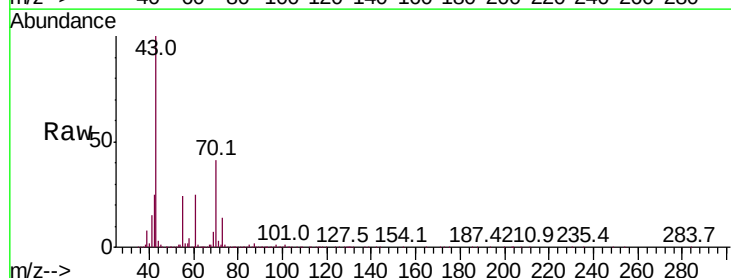
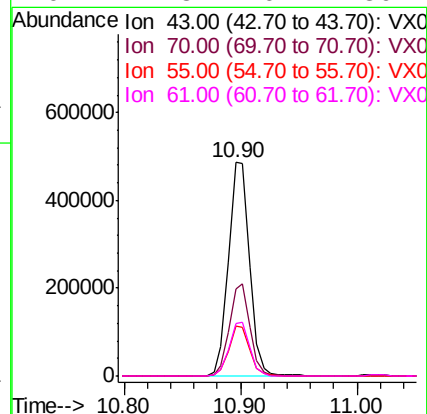
Ion Ratio Lower Upper

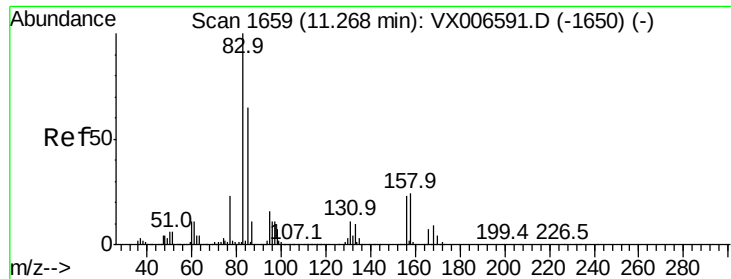
43 100

70 42.1 35.8 53.8

55 23.1 19.4 29.0

61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.310 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

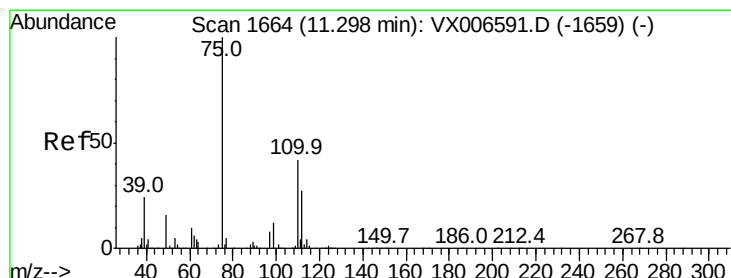
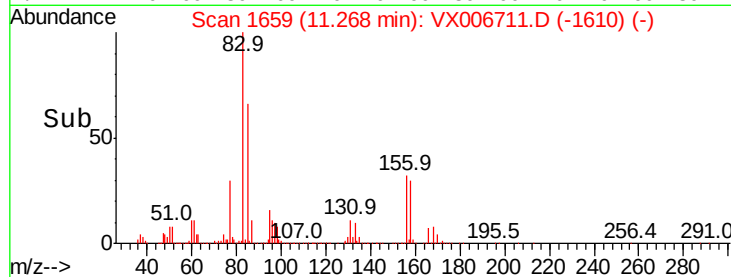
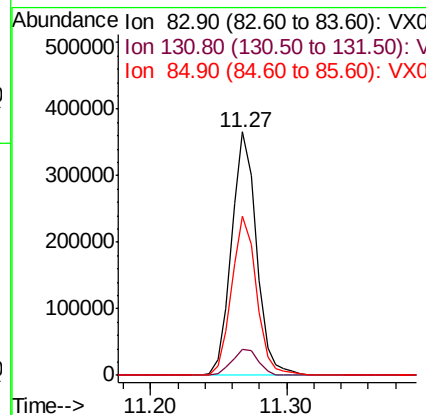
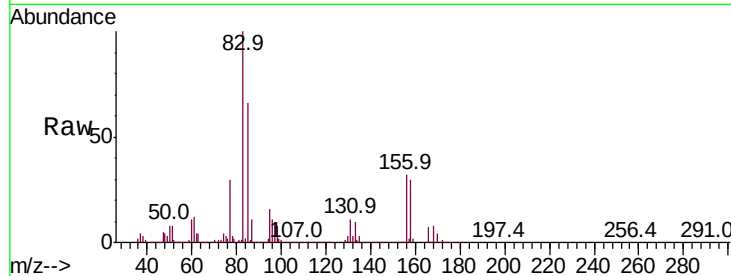
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	466817
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.7	17.1
85	65.6	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 51.458 ug/l m

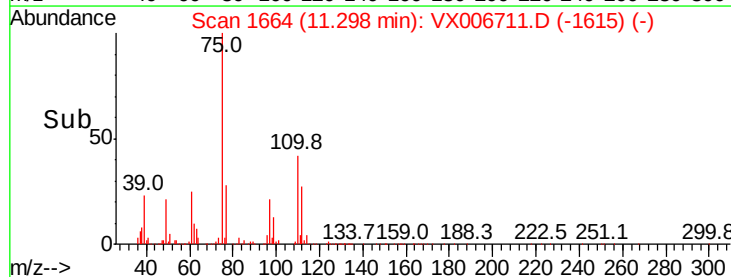
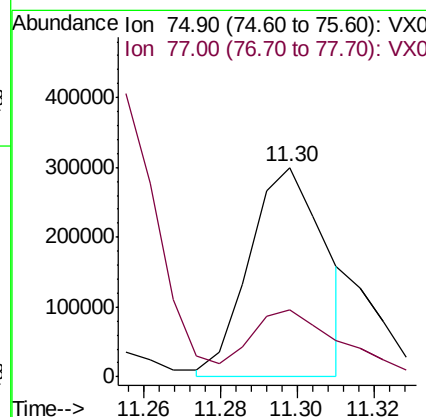
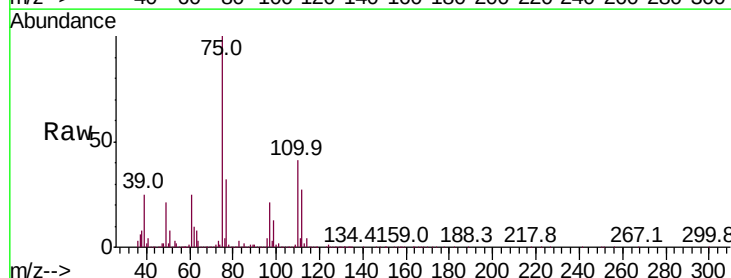
RT: 11.30 min Scan# 1664

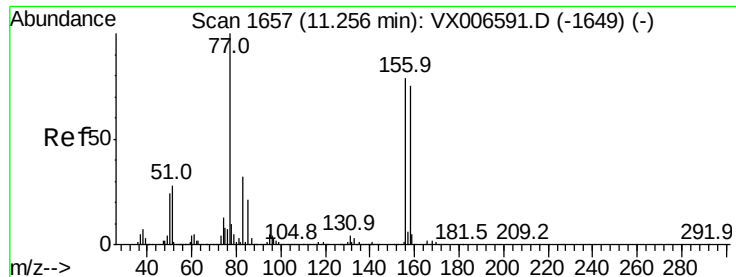
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	75	Resp:	411580
Ion Ratio	Lower	Upper	
75	100		
77	38.3	18.5	55.5





#77

Bromobenzene

Concen: 51.329 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 408595

Ion Ratio Lower Upper

156 100

77 131.5 68.0 204.0

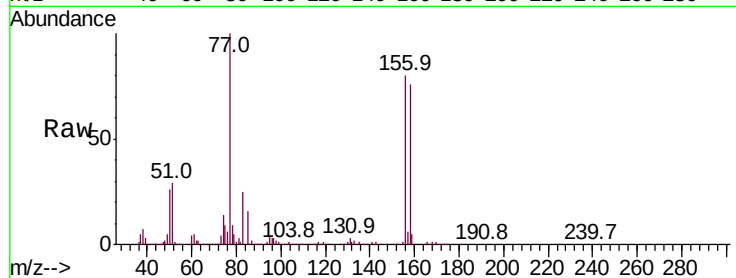
158 96.5 48.3 144.8

Manual Integrations

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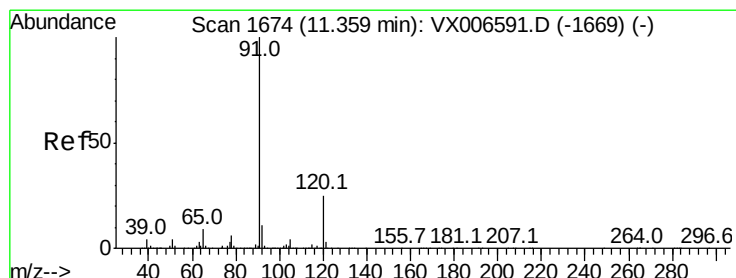
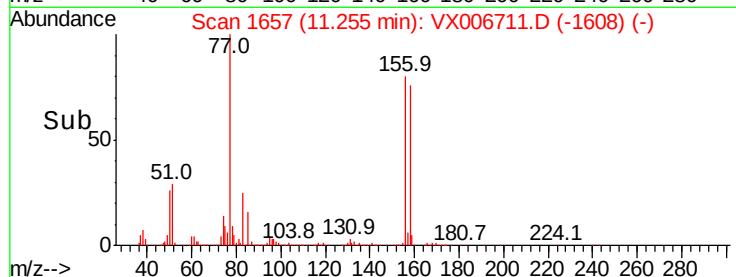
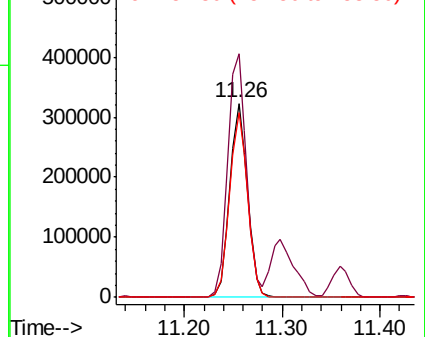
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.778 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006711.D

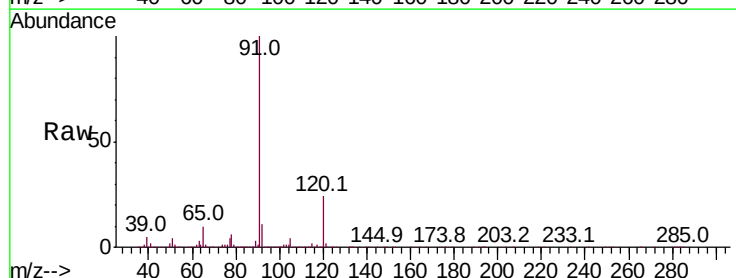
Acq: 21 Dec 2018 07:48

Tgt Ion: 91 Resp: 1678819

Ion Ratio Lower Upper

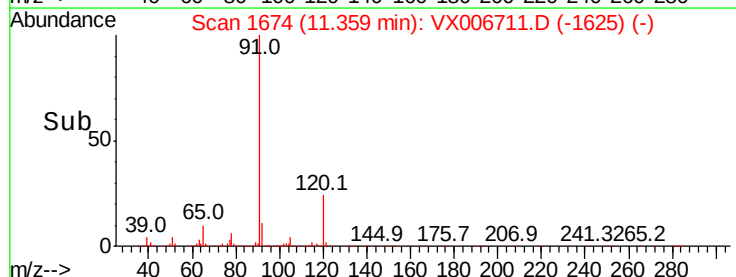
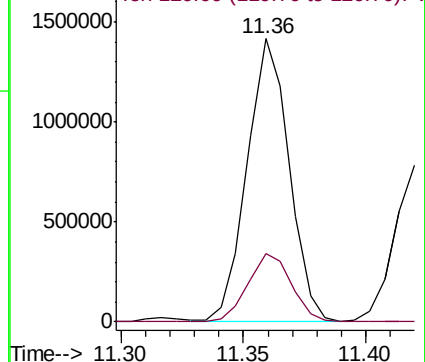
91 100

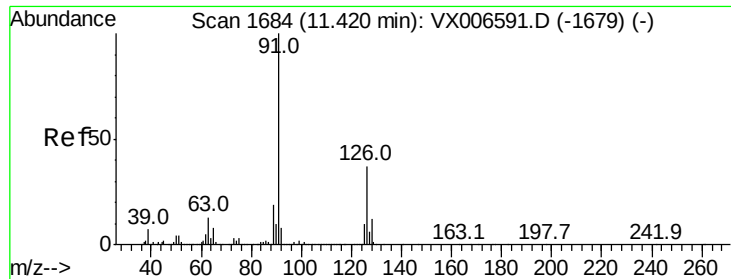
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.419 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 971042

Ion Ratio Lower Upper

91 100

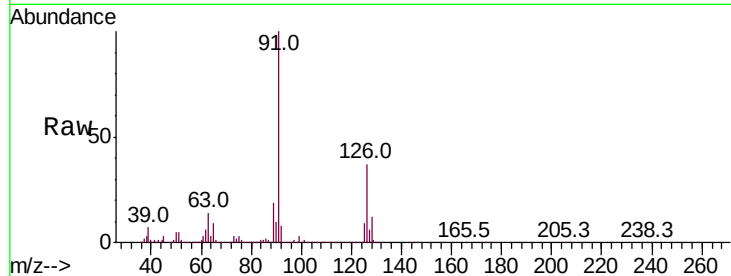
126 37.4 18.6 56.0

Manual Integrations

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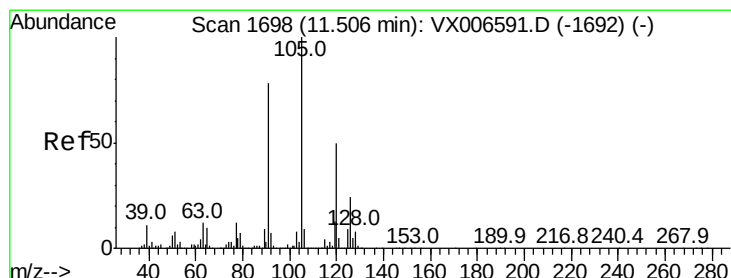
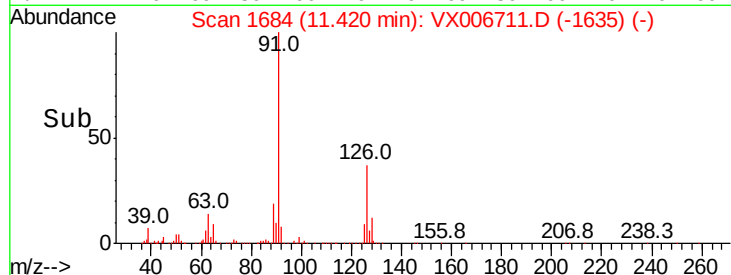
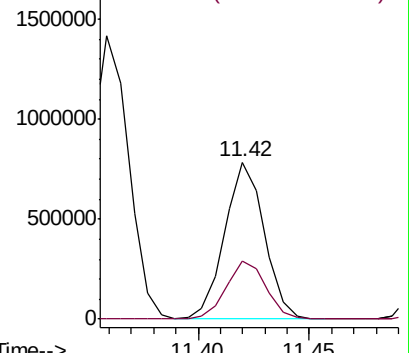
MMDadoda

12/21/2018 10:20:02 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.443 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006711.D

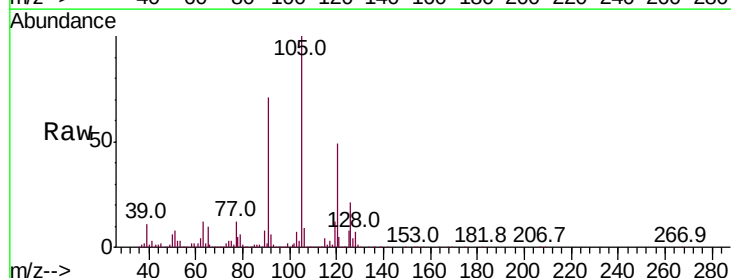
Acq: 21 Dec 2018 07:48

Tgt Ion:105 Resp: 1247591

Ion Ratio Lower Upper

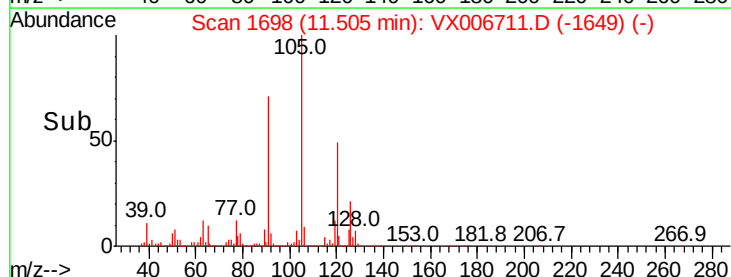
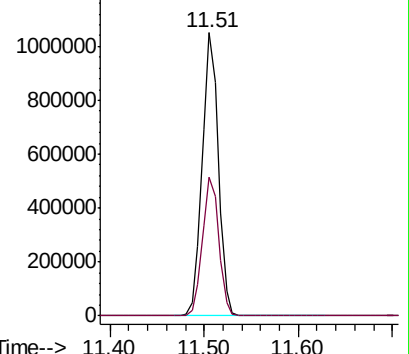
105 100

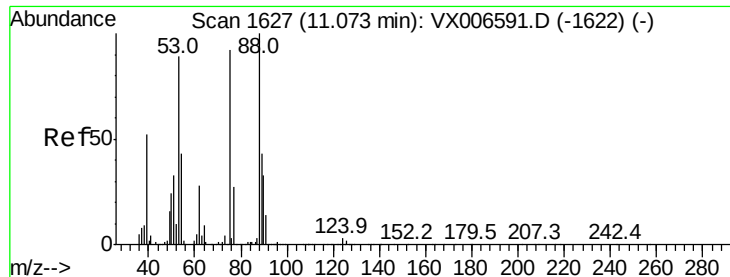
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





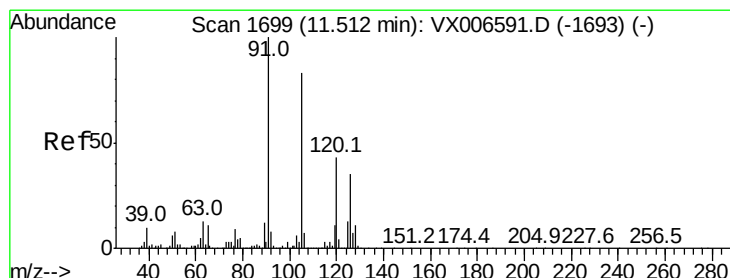
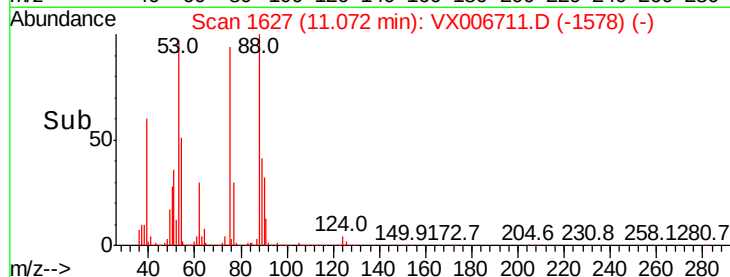
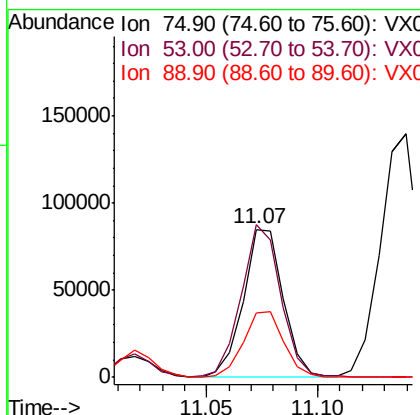
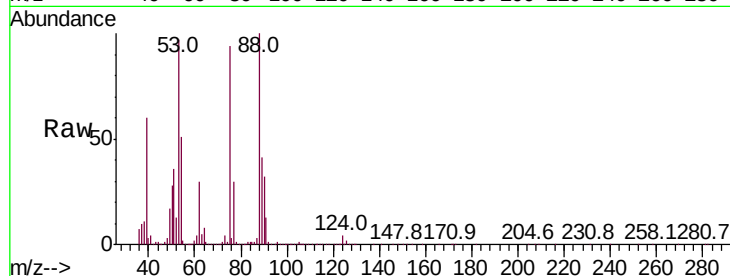
#81
trans-1,4-Dichloro-2-butene
Concen: 40.940 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.7	119.5
89	45.5	38.0	57.0

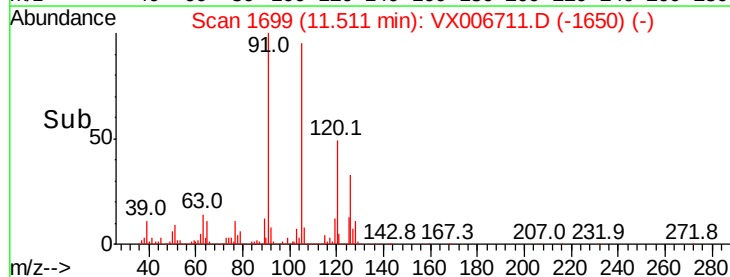
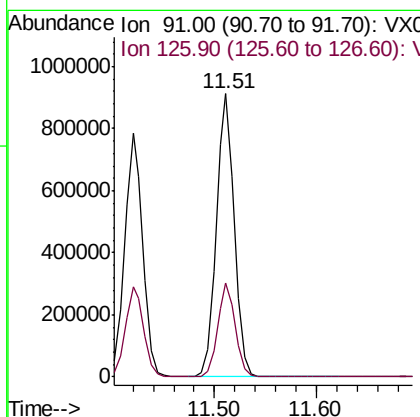
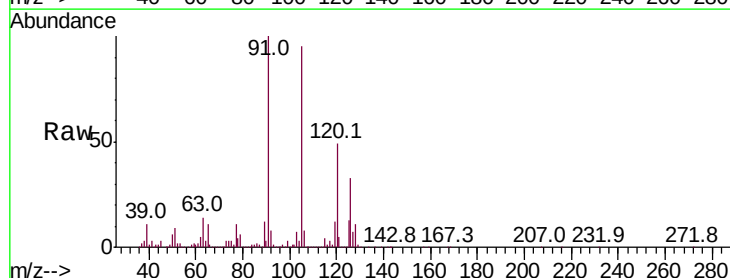
Manual Integrations
APPROVED

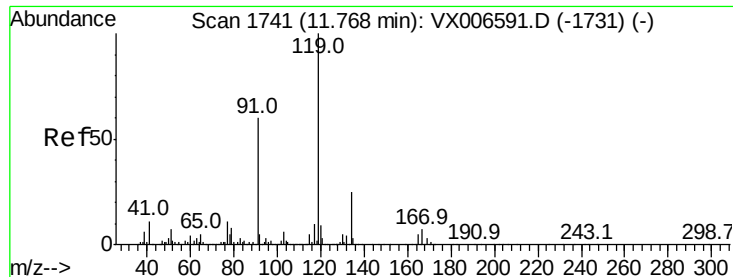
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.118 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.3	48.9





#83

tert-Butylbenzene

Concen: 51.853 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 1258598

Ion Ratio Lower Upper

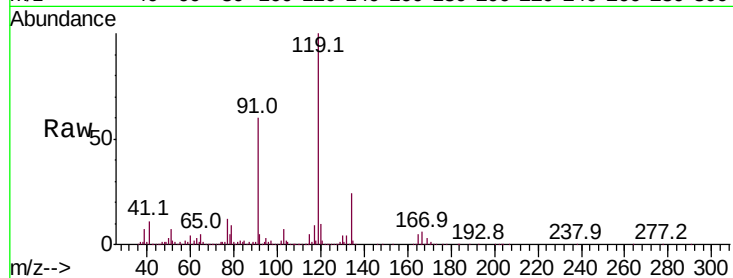
119 100

91 54.7 27.7 83.1

134 24.0 11.9 35.5

Manual Integrations
APPROVED

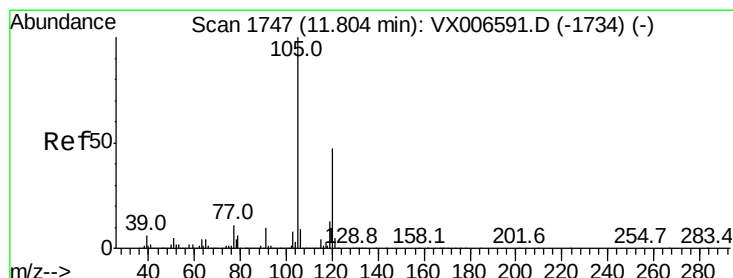
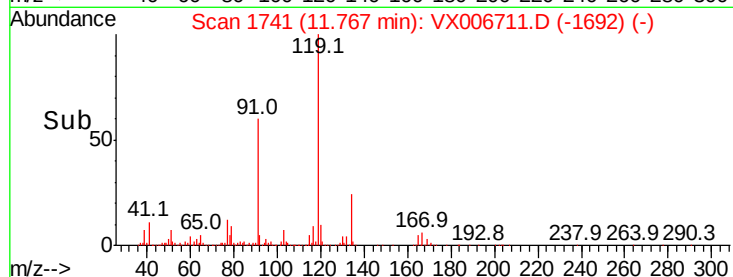
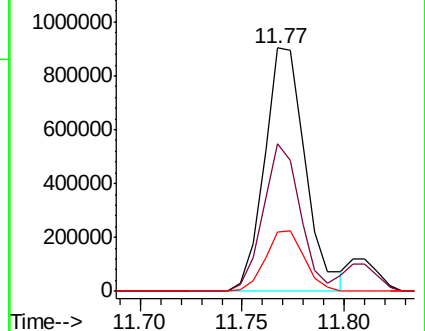
MMDadoda
12/21/2018 10:20:02 AM



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: 49.650 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006711.D

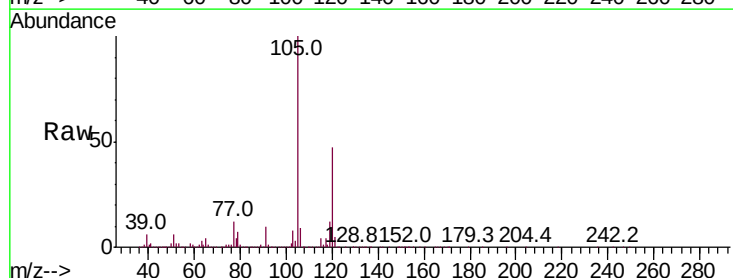
Acq: 21 Dec 2018 07:48

Tgt Ion:105 Resp: 1266502

Ion Ratio Lower Upper

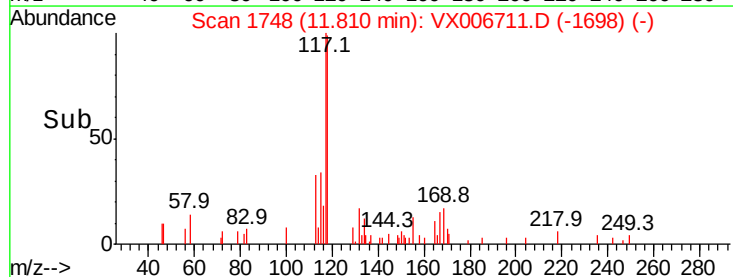
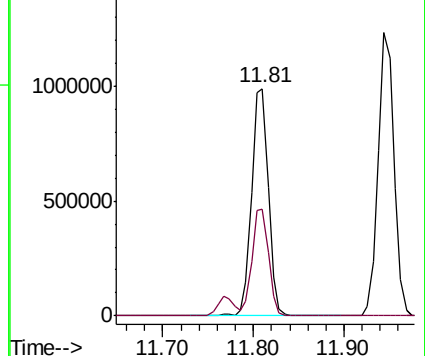
105 100

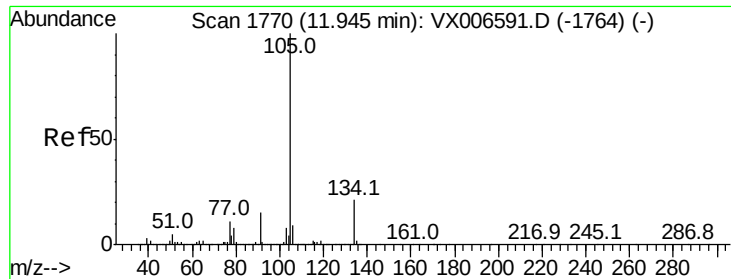
120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





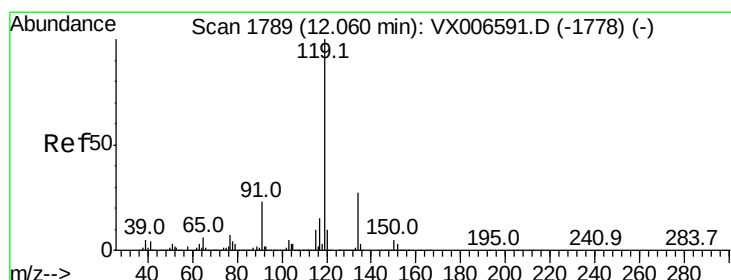
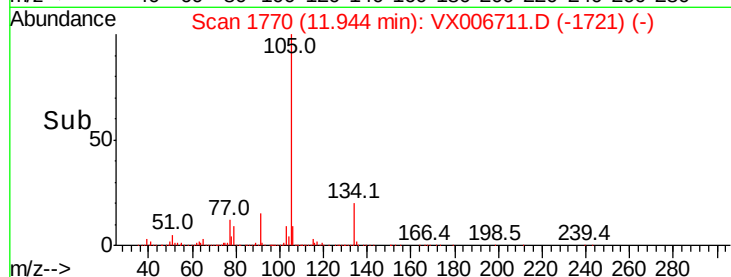
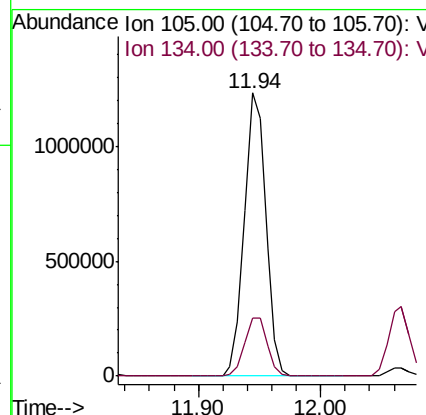
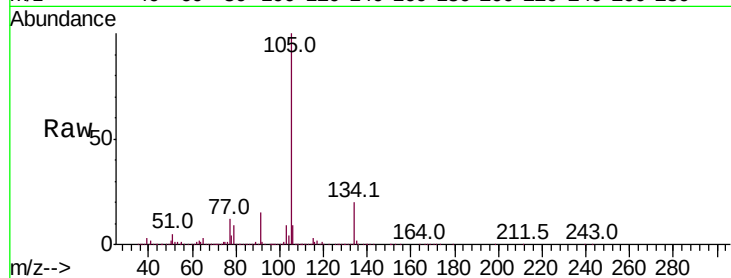
#85
 sec-Butylbenzene
 Concen: 50.490 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.7	31.9

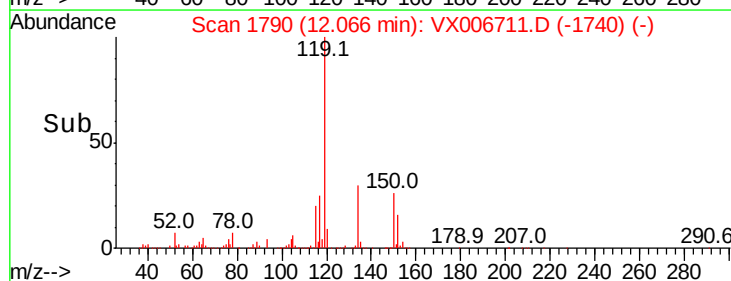
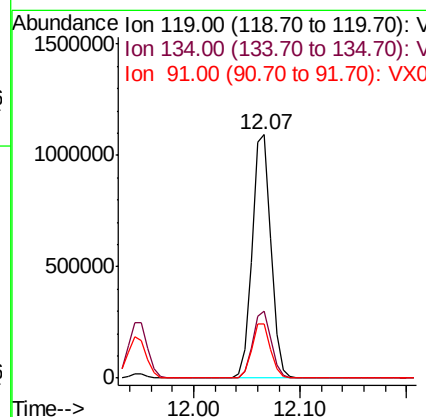
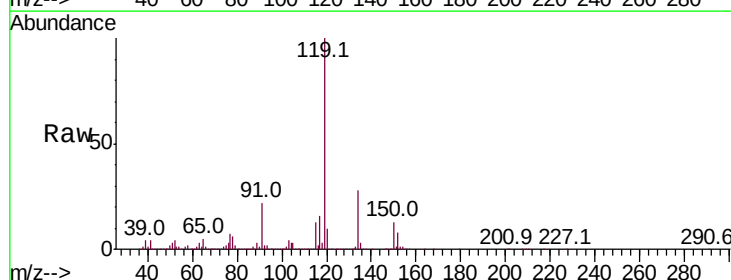
Manual Integrations
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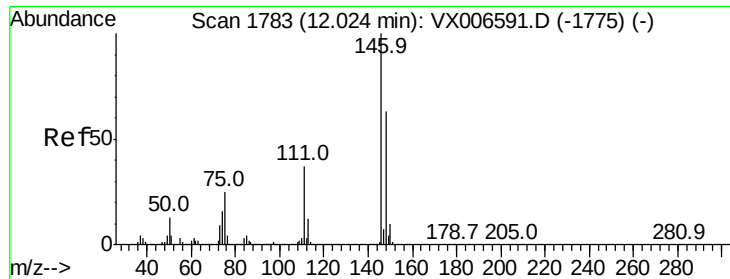
MMDadoda
 12/21/2018 10:20:02 AM



#86
 p-Isopropyltoluene
 Concen: 51.627 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	14.0	41.9
91	22.4	11.3	33.9





#87

1,3-Dichlorobenzene

Concen: 50.180 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006711.D

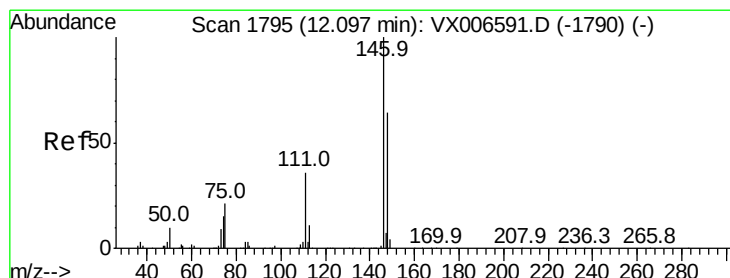
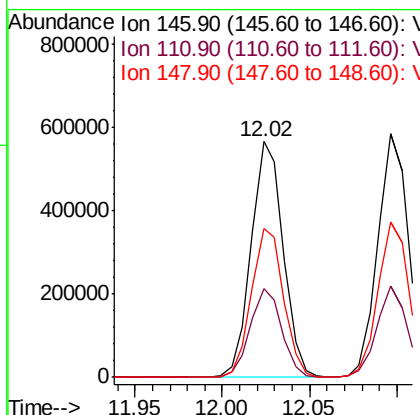
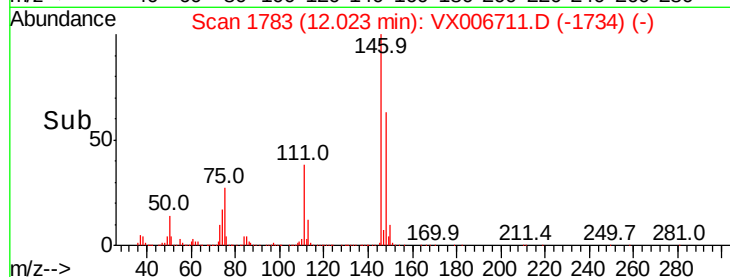
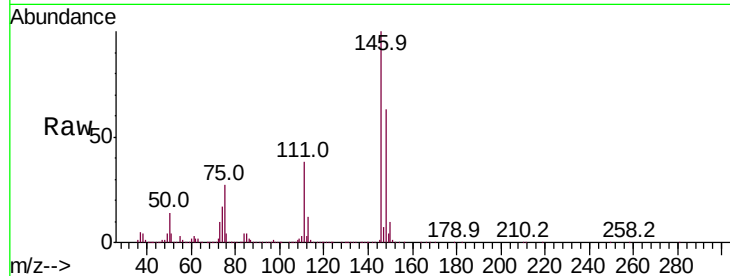
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	63.4	31.8	95.3

Manual Integrations
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MMDadoda
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#88

1,4-Dichlorobenzene

Concen: 48.539 ug/l

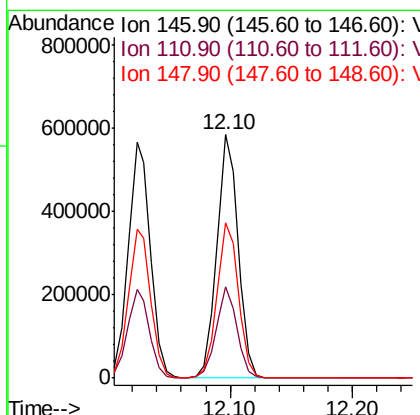
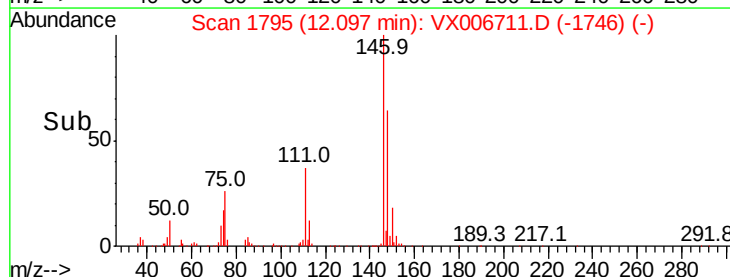
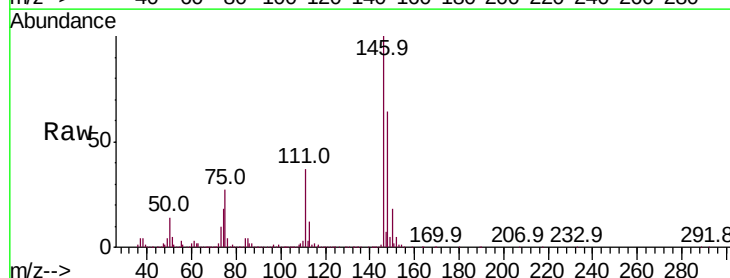
RT: 12.10 min Scan# 1795

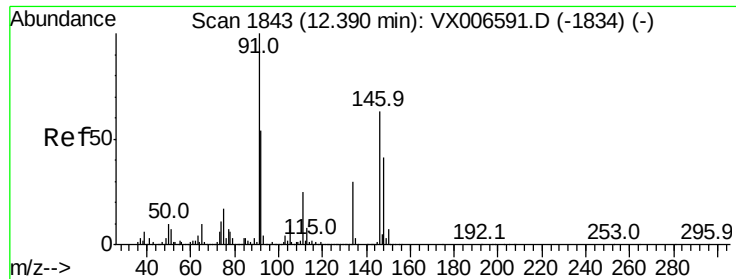
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.4	31.9	95.9





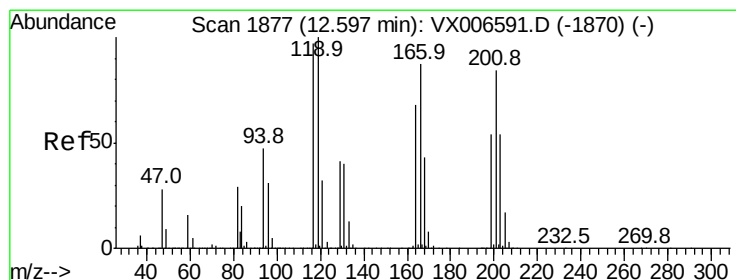
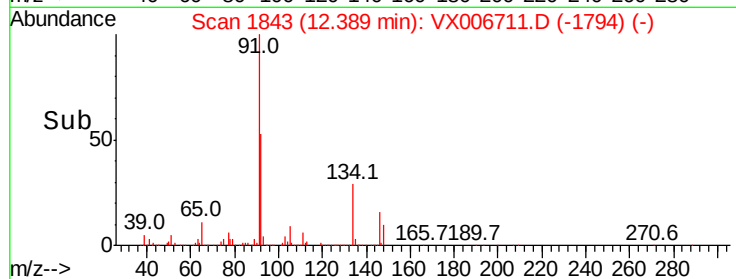
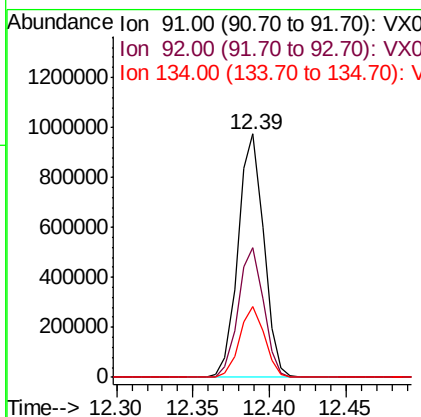
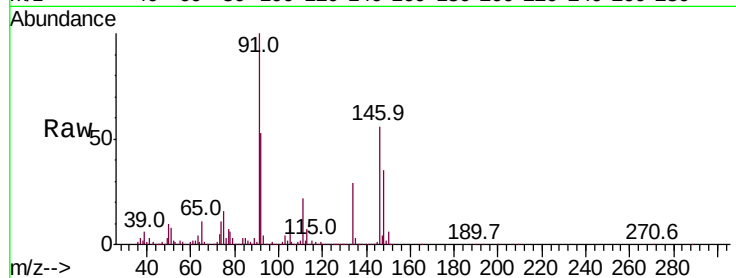
#89
n-Butylbenzene
Concen: 50.778 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.5	14.4	43.2

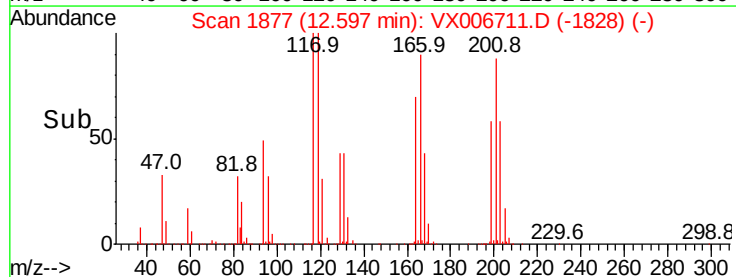
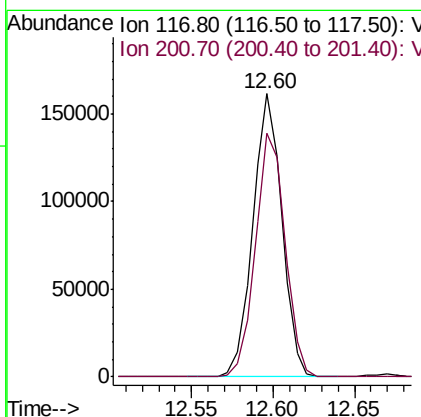
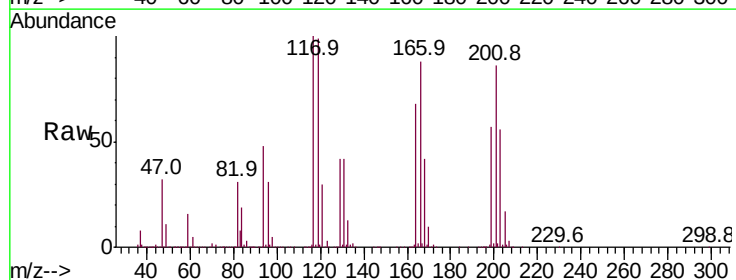
Manual Integrations
APPROVED

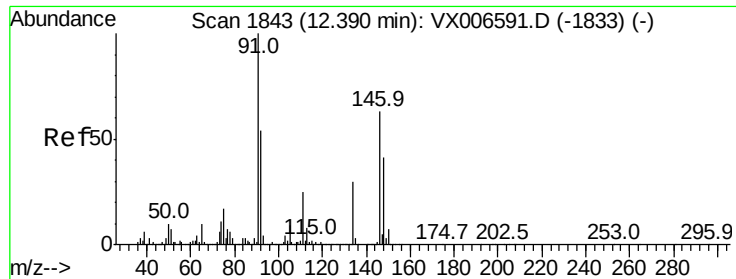
MMDadoda
12/21/2018 10:20:02 AM



#90
Hexachloroethane
Concen: 48.865 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.2	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 50.263 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Instrument :

MSVOA_X

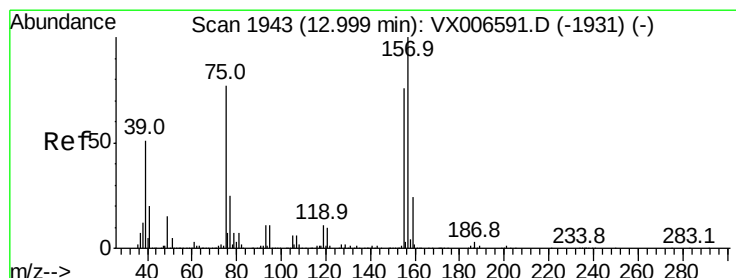
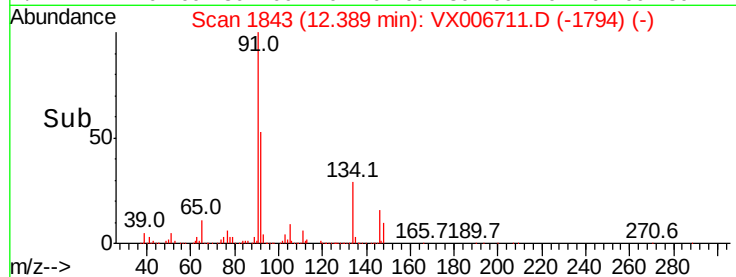
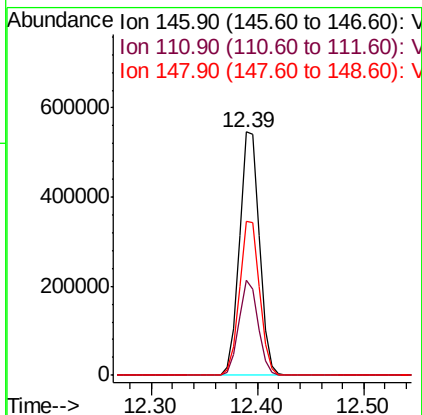
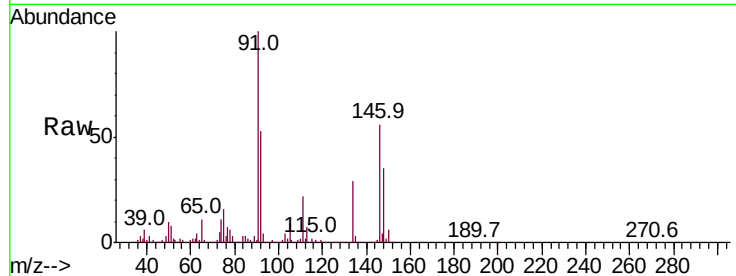
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	721334
Ion Ratio	Lower	Upper	
146	100		
111	37.5	19.4	58.2
148	63.6	32.3	96.9

Manual Integrations
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12/21/2018 10:20:02 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.442 ug/l

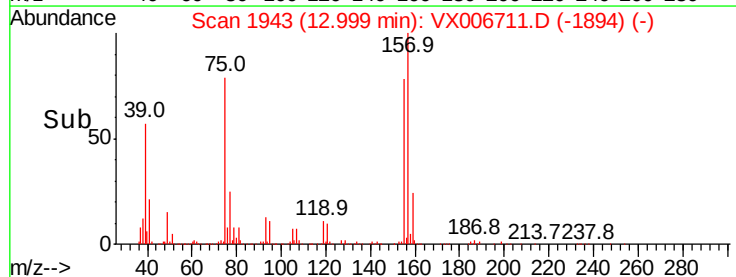
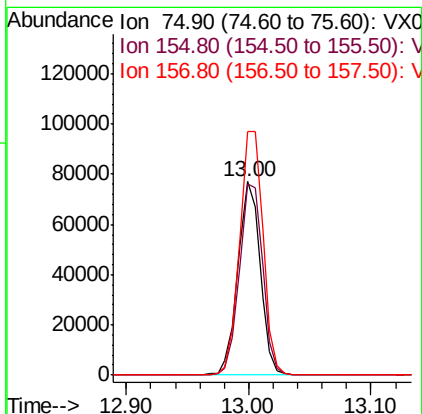
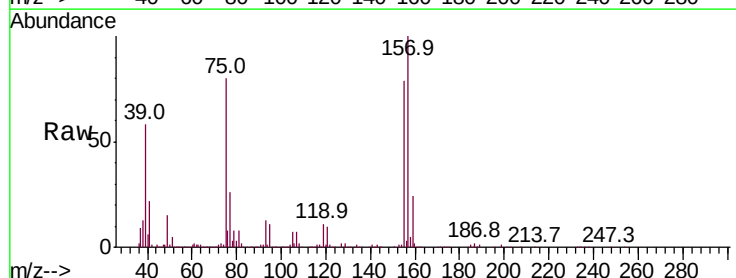
RT: 13.00 min Scan# 1943

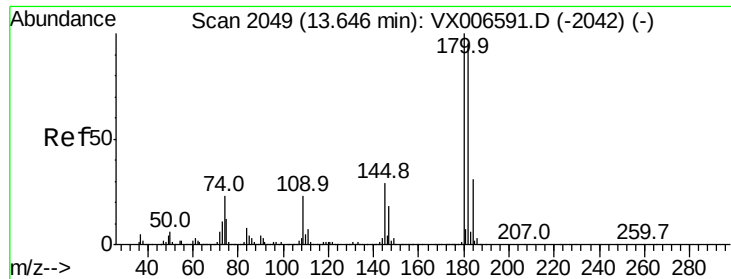
Delta R.T. -0.00 min

Lab File: VX006711.D

Acq: 21 Dec 2018 07:48

Tgt Ion:	75	Resp:	96830
Ion Ratio	Lower	Upper	
75	100		
155	102.9	50.6	151.8
157	133.0	64.6	193.8





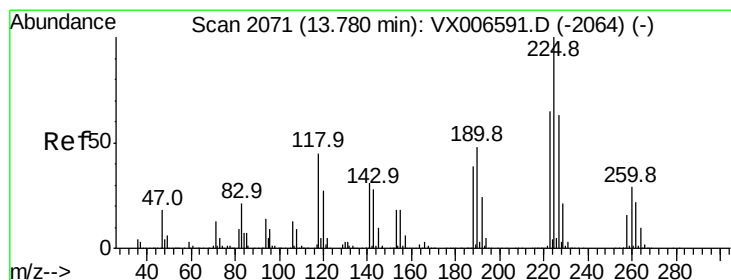
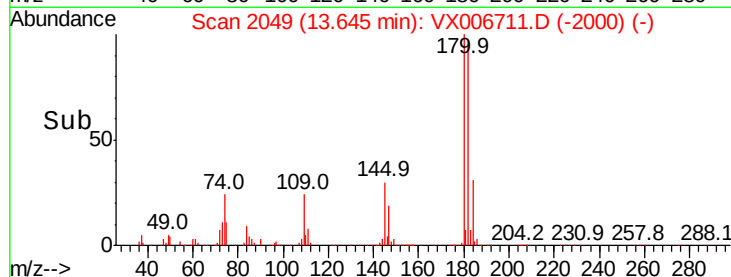
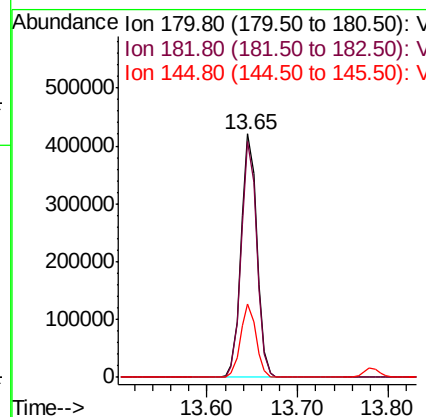
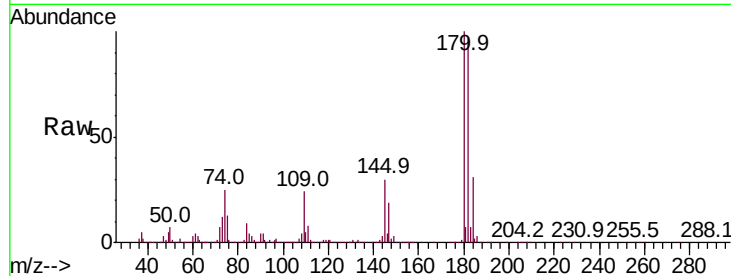
#93
 1,2,4-Trichlorobenzene
 Concen: 51.258 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	142.0	
145	29.4	14.8	44.3	

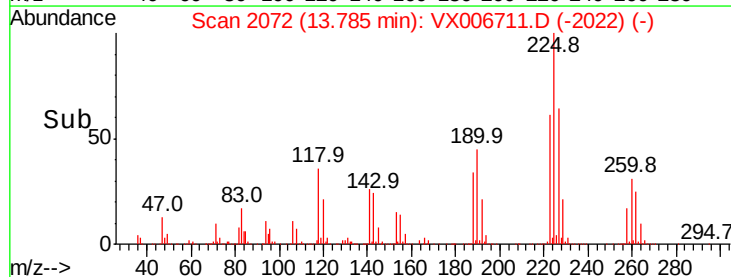
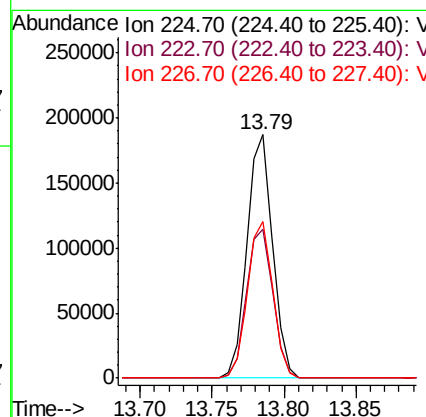
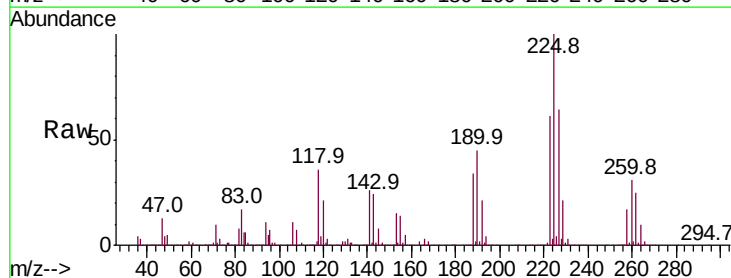
Manual Integrations
 APPROVED

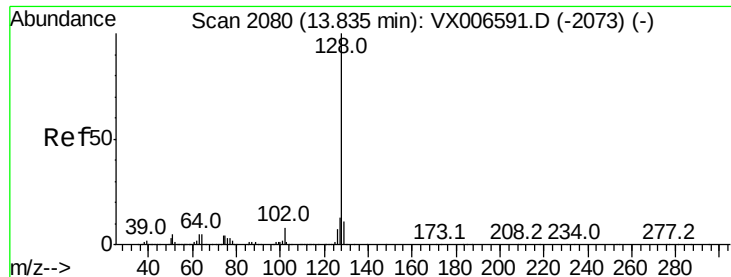
MMDadoda
 12/21/2018 10:20:02 AM



#94
 Hexachlorobutadiene
 Concen: 49.194 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX006711.D
 Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	32.1	96.3	
227	63.8	32.3	96.8	





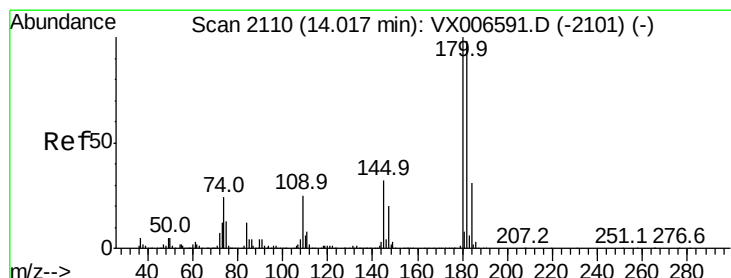
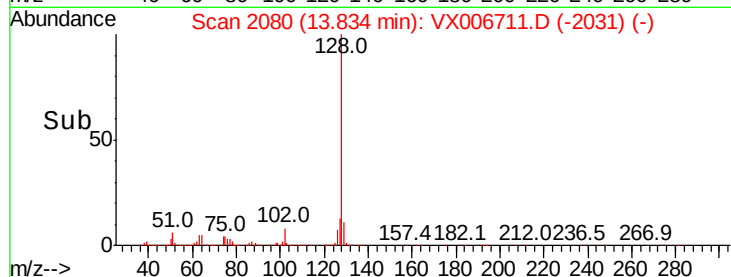
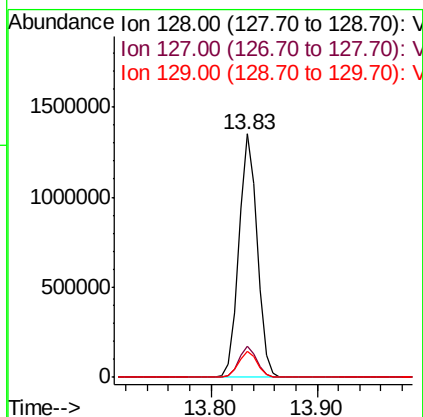
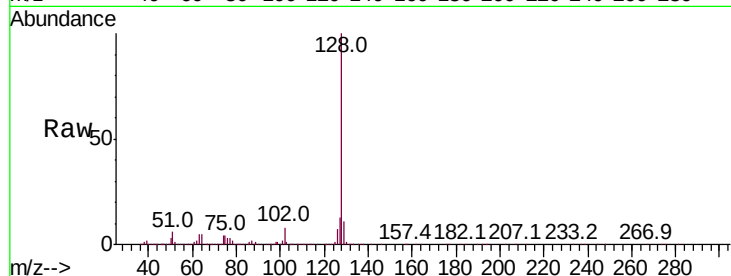
#95
Naphthalene
Concen: 51.480 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
12/21/2018 10:20:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.176 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX006711.D
Acq: 21 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.5
145	30.7	16.0	47.9

