

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006737.D
 Acq On : 21 Dec 2018 21:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:15:30 AM

Quant Time: Dec 22 04:50:23 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	5.67	168	549136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	858548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	759877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301134	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	276940	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	995772	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	349276	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	219797	43.753	ug/l	97
3) Chloromethane	1.33	50	229880	42.474	ug/l	99
4) Vinyl Chloride	1.41	62	266669	47.177	ug/l	99
5) Bromomethane	1.64	94	252596	47.802	ug/l	97
6) Chloroethane	1.71	64	179066	45.751	ug/l	100
7) Trichlorofluoromethane	1.93	101	449078	50.957	ug/l	95
8) Diethyl Ether	2.19	74	178271	50.930	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	256159	49.505	ug/l	99
10) Methyl Iodide	2.51	142	368984	49.816	ug/l	99
11) Tert butyl alcohol	3.09	59	369315	279.612	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246610	50.263	ug/l	98
13) Acrolein	2.30	56	224680	252.158	ug/l	98
14) Allyl chloride	2.73	41	421127	50.993	ug/l	99
15) Acrylonitrile	3.15	53	825492	281.486	ug/l	100
16) Acetone	2.45	43	702569	258.385	ug/l	100
17) Carbon Disulfide	2.57	76	563106	43.369	ug/l	99
18) Methyl Acetate	2.78	43	482182	60.308	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	888360	54.553	ug/l	99
20) Methylene Chloride	2.85	84	275250	48.954	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	265544	48.847	ug/l	98
22) Diisopropyl ether	3.87	45	798484	52.850	ug/l	96
23) Vinyl Acetate	3.82	43	3281932	265.564	ug/l	99
24) 1,1-Dichloroethane	3.70	63	449376	49.825	ug/l	99
25) 2-Butanone	4.71	43	1037666	271.305	ug/l	100
26) 2,2-Dichloropropane	4.59	77	272363	39.094	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307804	51.319	ug/l	97
28) Bromochloromethane	5.02	49	207527	54.761	ug/l	98
29) Tetrahydrofuran	5.16	42	714688	283.710	ug/l	99
30) Chloroform	5.22	83	485040	51.933	ug/l	100
31) Cyclohexane	5.57	56	399966	48.814	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	406128	51.497	ug/l	98
36) 1,1-Dichloropropene	5.80	75	349820	49.196	ug/l	99
37) Ethyl Acetate	4.86	43	398785	53.883	ug/l	99
38) Carbon Tetrachloride	5.78	117	349155	50.525	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427535	45.670	ug/l	99
40) Benzene	6.15	78	1086650	50.274	ug/l	97
41) Methacrylonitrile	5.06	41	215989	54.968	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373062	50.652	ug/l	99
43) Isopropyl Acetate	6.46	43	612303	54.374	ug/l	99
44) Trichloroethene	7.21	130	315633	48.247	ug/l	96
45) 1,2-Dichloropropane	7.52	63	272257	51.761	ug/l	100
46) Dibromomethane	7.66	93	194503	50.274	ug/l	99
47) Bromodichloromethane	7.90	83	332933	51.833	ug/l	97
48) Methyl methacrylate	7.77	41	312344	54.543	ug/l	99
49) 1,4-Dioxane	7.76	88	162194	1084.183	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1968209	274.697	ug/l	99
52) Toluene	8.79	92	686785	49.183	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	346189	50.254	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	399867	52.901	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	293349	51.324	ug/l	98
56) Ethyl methacrylate	9.18	69	418053	51.750	ug/l	98
57) 1,3-Dichloropropane	9.37	76	463786	50.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1075215	250.390	ug/l	100
59) 2-Hexanone	9.49	43	1514832	276.324	ug/l	99
60) Dibromochloromethane	9.59	129	285207	47.817	ug/l	99
61) 1,2-Dibromoethane	9.67	107	315786	51.974	ug/l	100
64) Tetrachloroethene	9.34	164	291903	48.513	ug/l	98
65) Chlorobenzene	10.14	112	788210	49.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	278318	55.490	ug/l	99
67) Ethyl Benzene	10.25	91	1303986	49.640	ug/l	99
68) m/p-Xylenes	10.36	106	1023933	98.781	ug/l	100
69) o-Xylene	10.70	106	506972	49.529	ug/l	99
70) Styrene	10.71	104	813657	50.245	ug/l	99
71) Bromoform	10.86	173	205568	45.845	ug/l	100
73) Isopropylbenzene	11.02	105	1336889	50.508	ug/l	99
74) N-amyl acetate	10.90	43	535660	56.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	438846	55.748	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	394320m	54.840	ug/l	
77) Bromobenzene	11.26	156	356307	49.791	ug/l	99
78) n-propylbenzene	11.36	91	1482880	50.875	ug/l	99
79) 2-Chlorotoluene	11.42	91	864438	48.938	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1106901	50.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101142	43.417	ug/l	95
82) 4-Chlorotoluene	11.51	91	1008309	49.765	ug/l	100
83) tert-Butylbenzene	11.77	119	1135417	52.036	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1133919	49.448	ug/l	100
85) sec-Butylbenzene	11.94	105	1348847	50.419	ug/l	99
86) p-Isopropyltoluene	12.07	119	1203150	51.162	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	638374	49.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	641281	48.504	ug/l	99
89) n-Butylbenzene	12.39	91	1014533	50.692	ug/l	99
90) Hexachloroethane	12.60	117	173258	47.268	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	637809	49.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90366	55.480	ug/l	96

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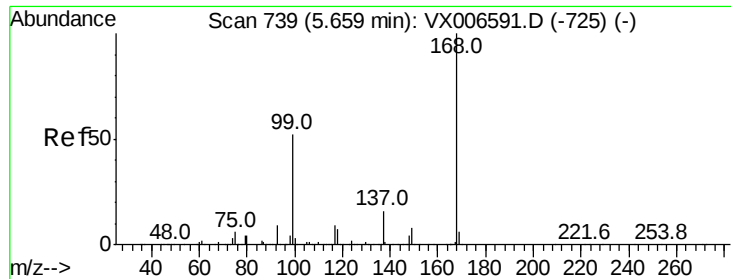
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	457129	51.367	ug/l	99
94) Hexachlorobutadiene	13.79	225	205679	49.034	ug/l	97
95) Naphthalene	13.83	128	1501768	52.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	464382	50.540	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 549136

Ion Ratio Lower Upper

168 100

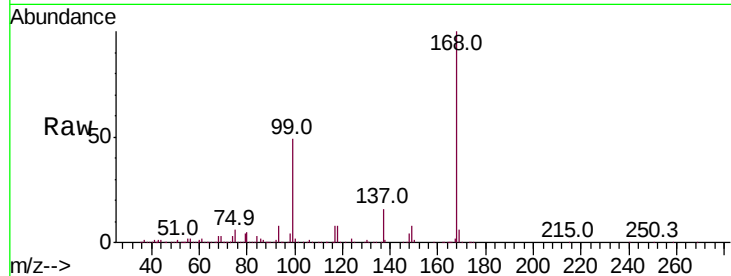
99 49.1 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006591.D (-725) (-)

5.67

200000

150000

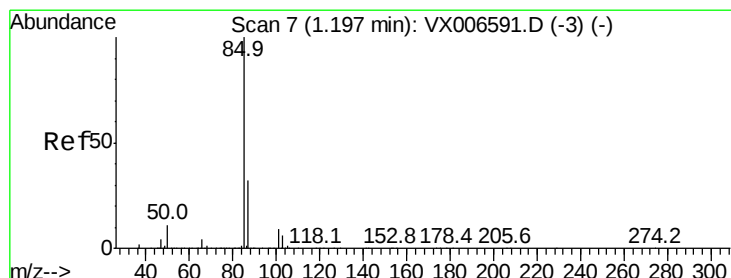
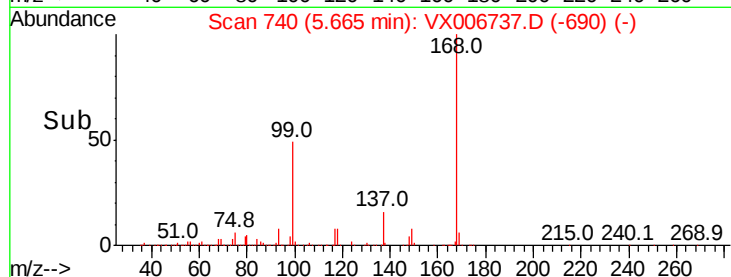
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50000

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Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.753 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006737.D

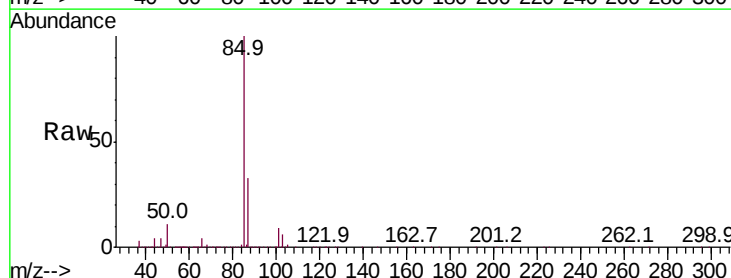
Acq: 21 Dec 2018 21:44

Tgt Ion: 85 Resp: 219797

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006591.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX006591.D (-3) (-)

1.20

200000

150000

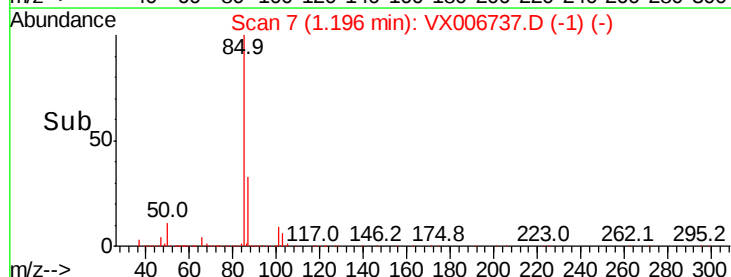
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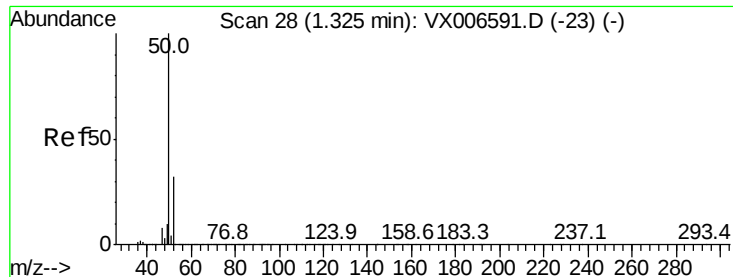
50000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.474 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 229880

Ion Ratio Lower Upper

50 100

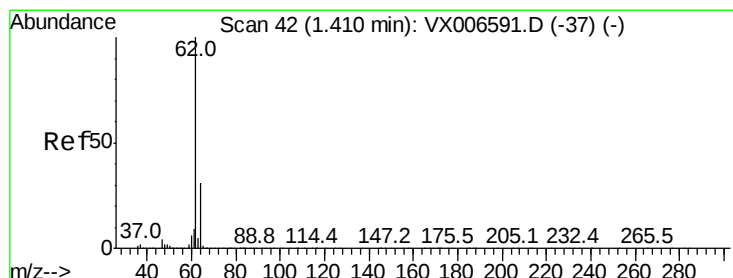
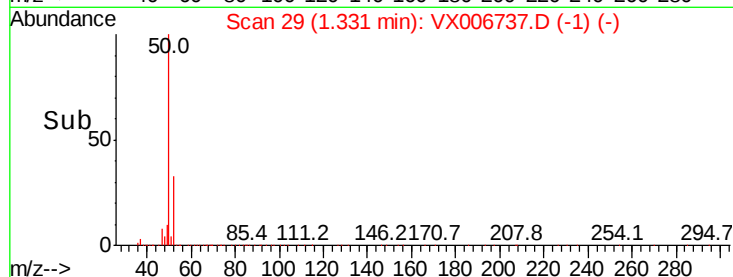
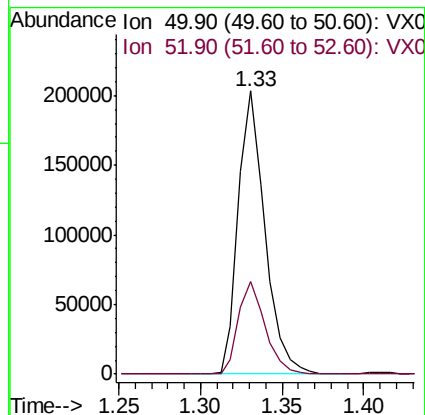
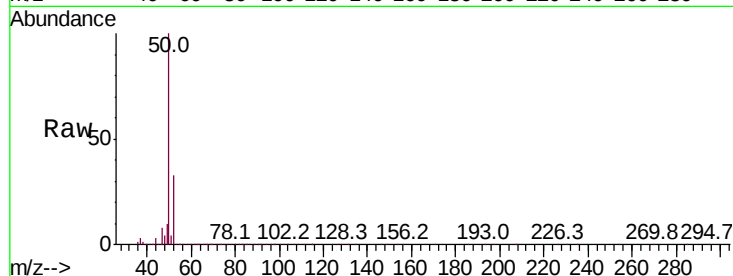
52 32.5 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.177 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006737.D

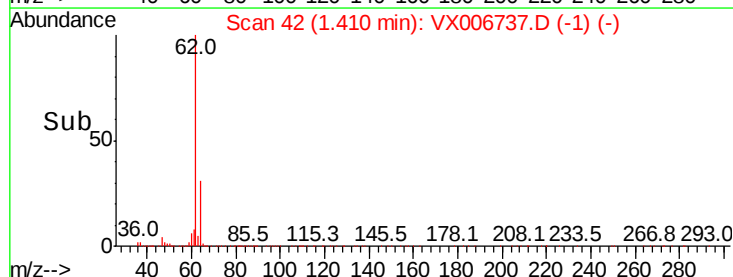
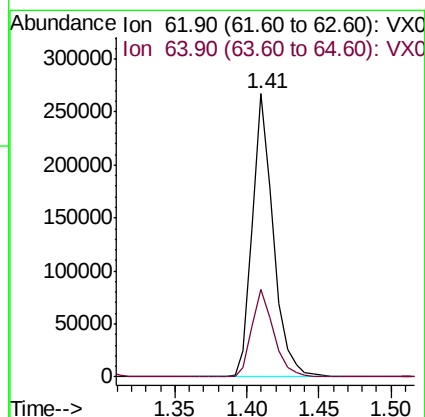
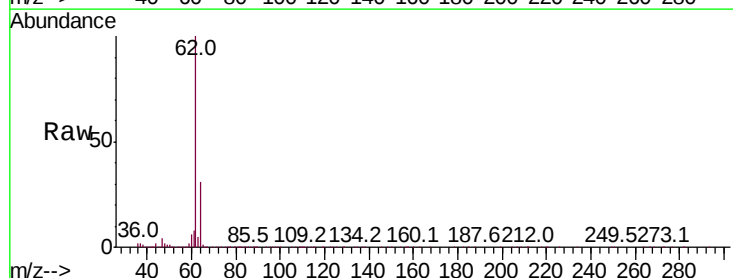
Acq: 21 Dec 2018 21:44

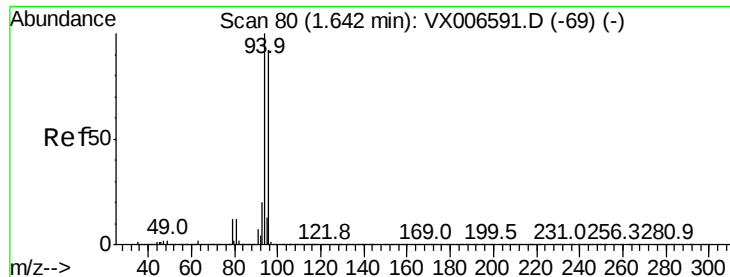
Tgt Ion: 62 Resp: 266669

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 47.802 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tot Ion: 94 Resp: 252596

Ion Ratio Lower Upper

94 100

96 94.7 73.4 110.2

Instrument :

MSVOA_X

ClientSampleId :

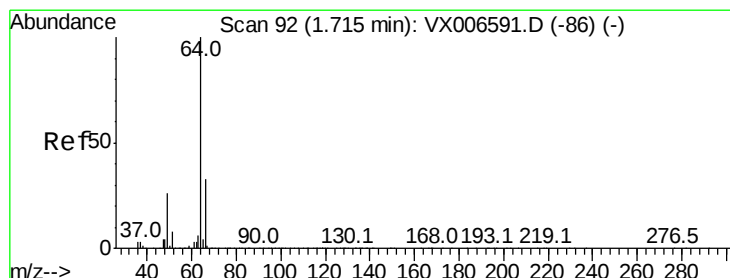
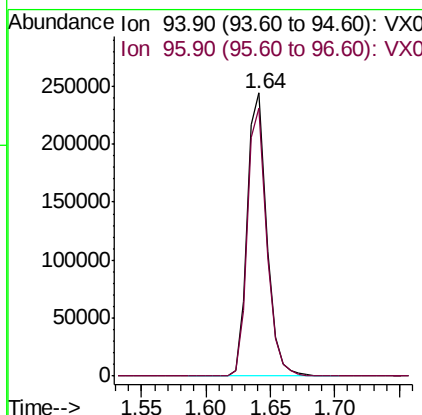
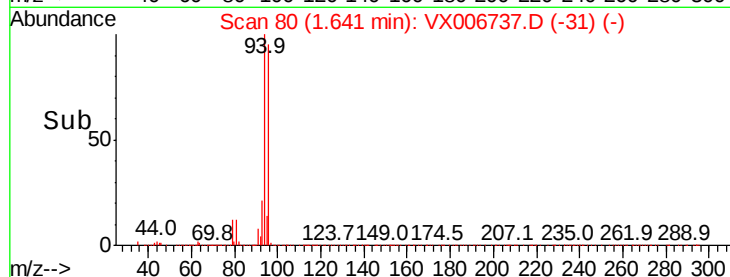
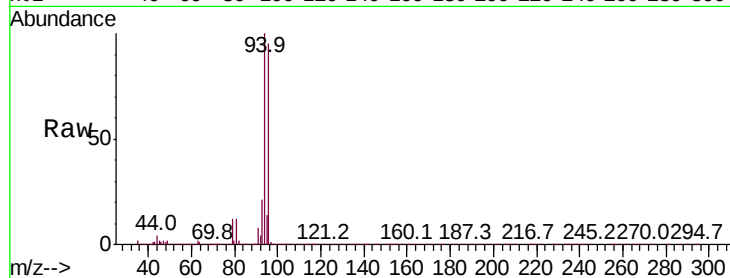
VSTDCCC050

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#6

Chloroethane

Concen: 45.751 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006737.D

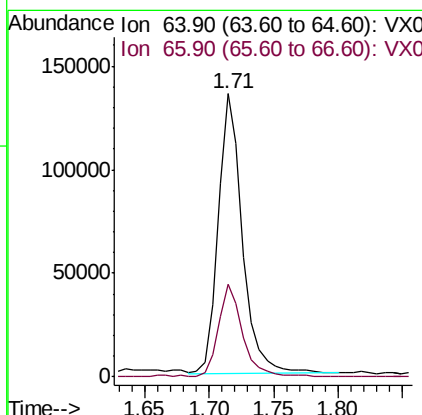
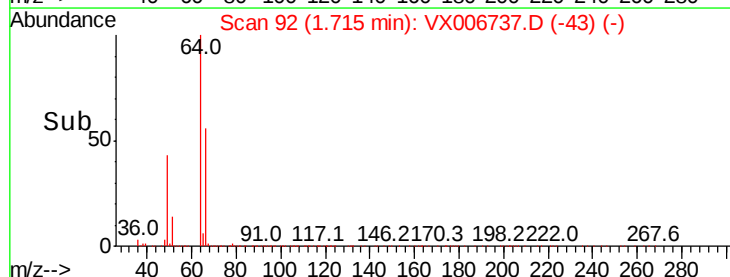
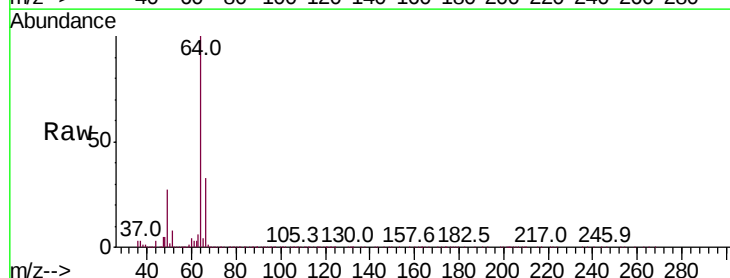
Acq: 21 Dec 2018 21:44

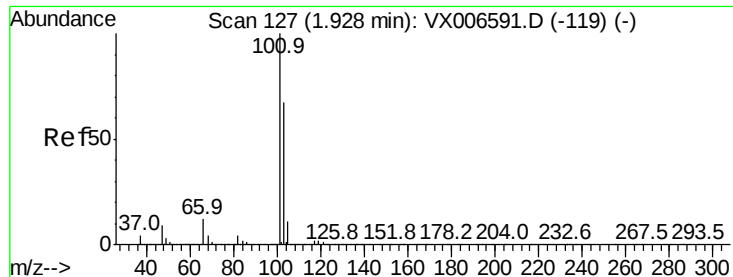
Tgt Ion: 64 Resp: 179066

Ion Ratio Lower Upper

64 100

66 33.2 26.4 39.6





#7

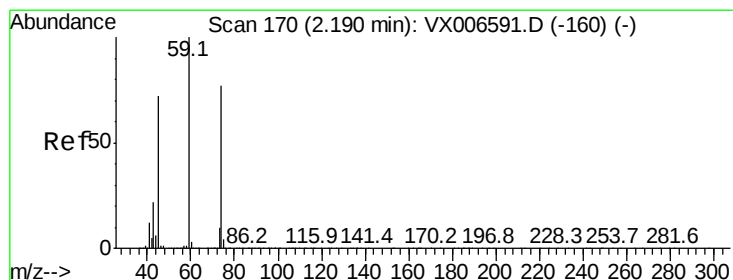
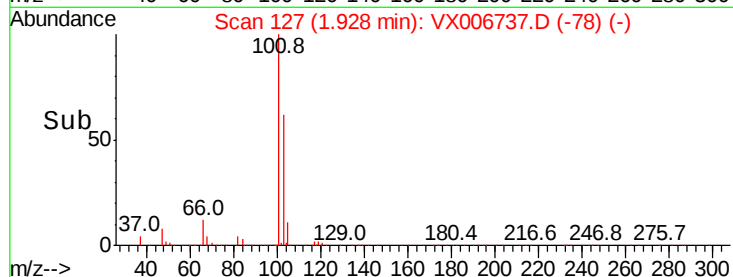
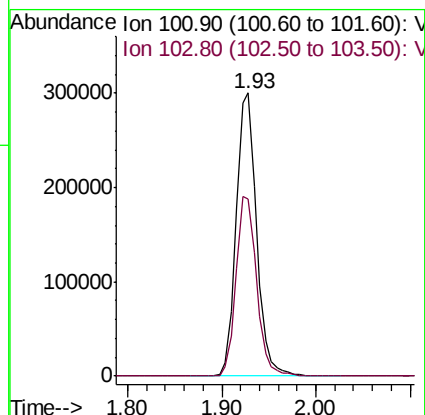
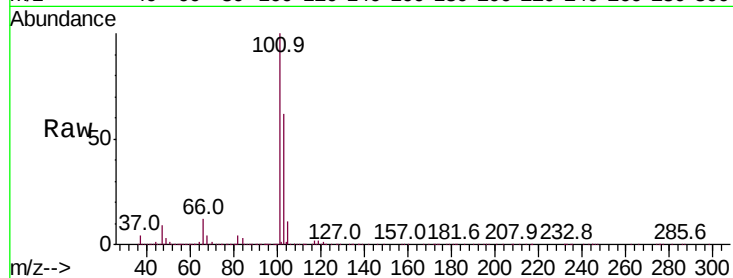
Trichlorofluoromethane
Concen: 50.957 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	53.2	79.8

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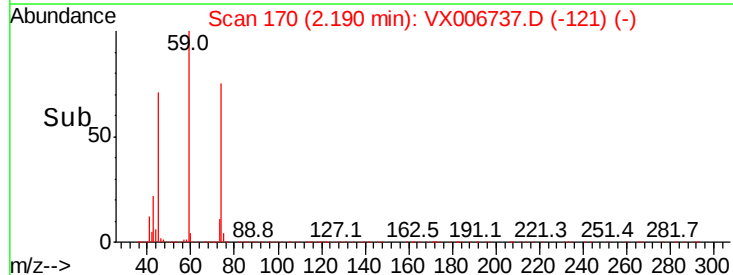
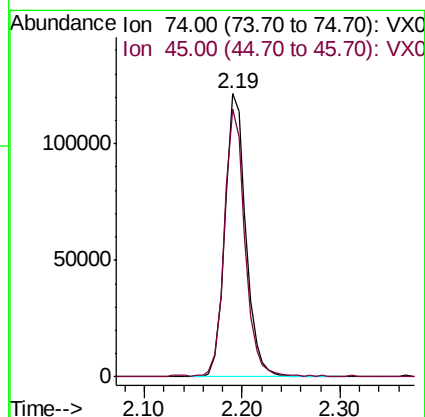
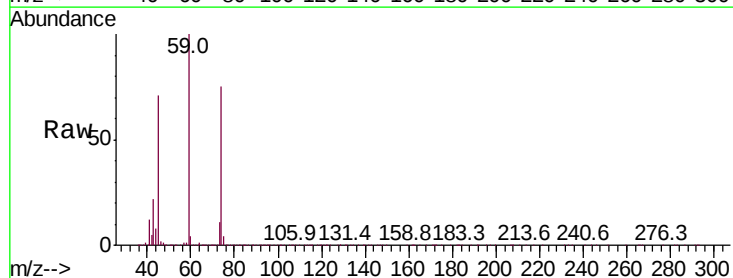
MMDadoda
12/22/2018 11:15:30 AM

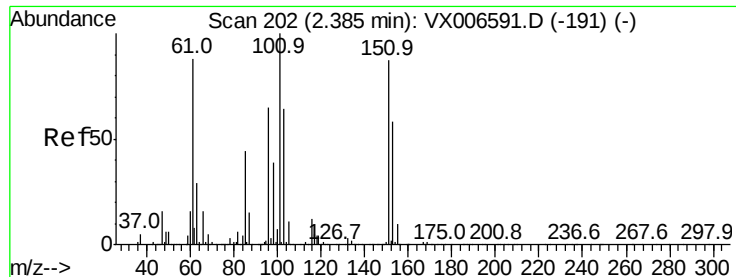


#8

Diethyl Ether
Concen: 50.930 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006737.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	46.3	138.9





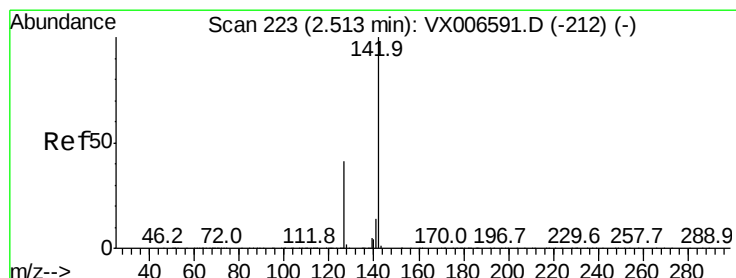
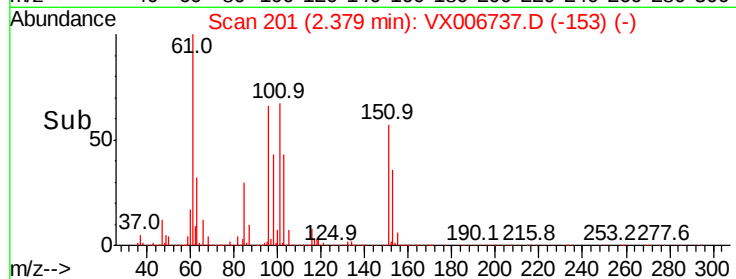
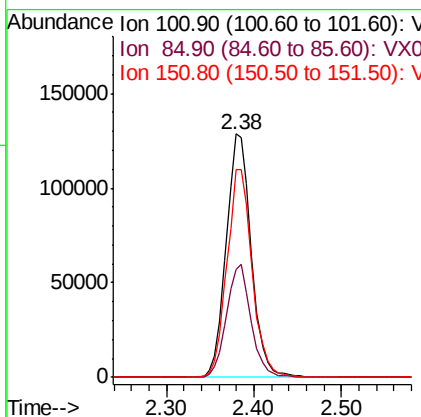
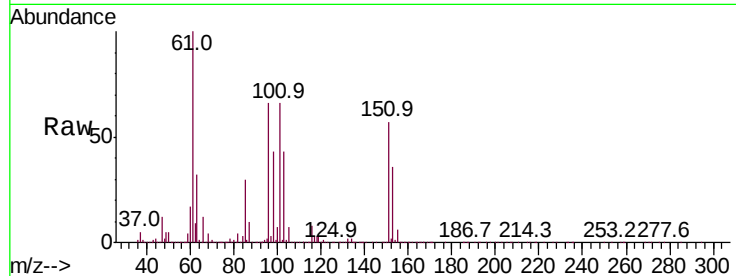
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.505 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	256159		
85	44.9	35.1	52.7	
151	85.9	68.9	103.3	

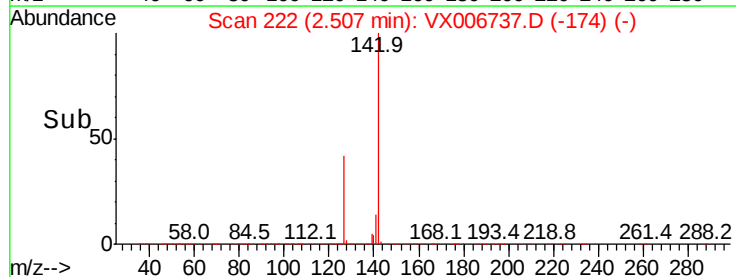
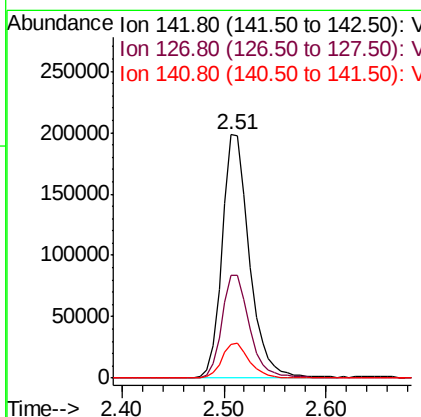
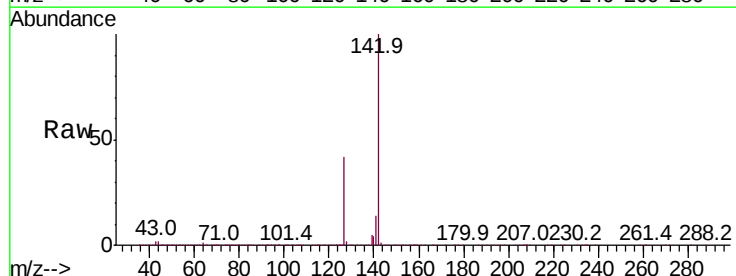
Manual Integrations
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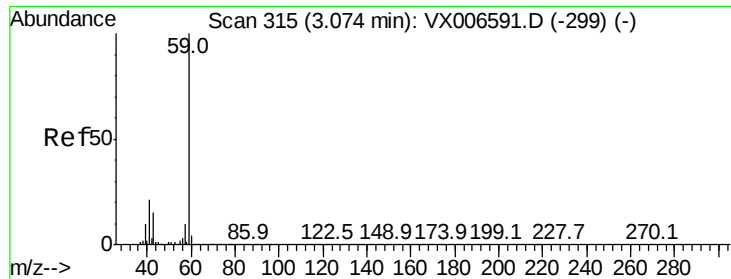
MMDadoda
12/22/2018 11:15:30 AM



#10
Methyl Iodide
Concen: 49.816 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	368984		
127	42.9	33.9	50.9	
141	14.5	11.4	17.0	





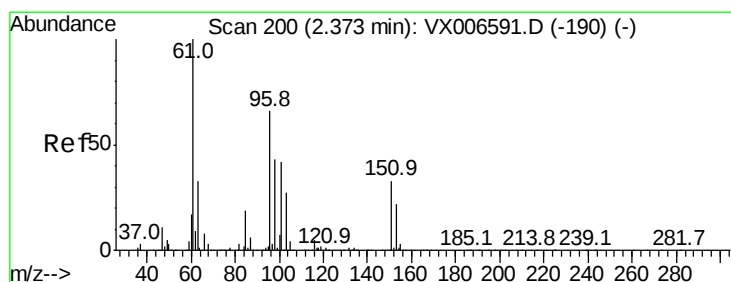
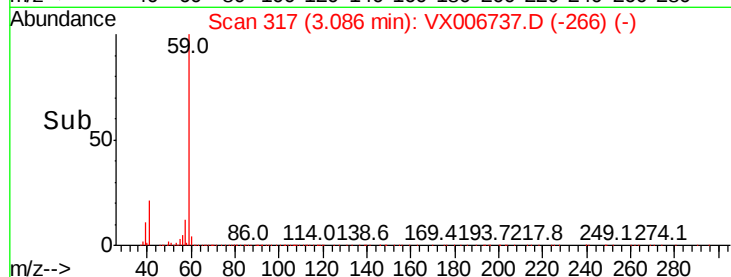
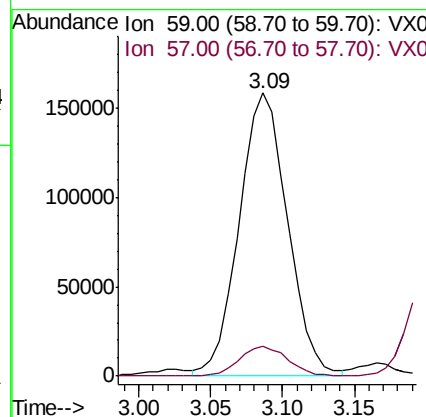
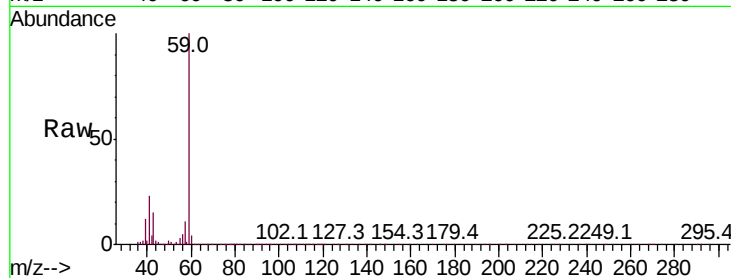
#11
Tert butyl alcohol
Concen: 279.612 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

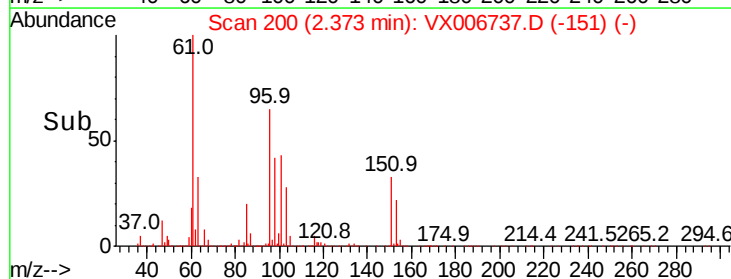
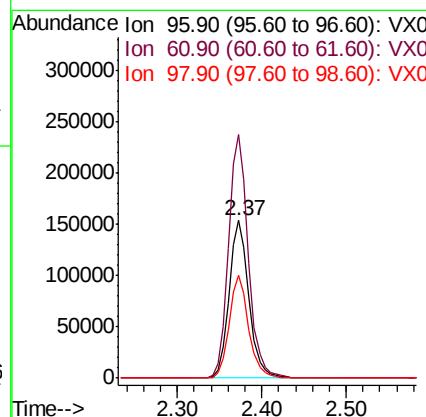
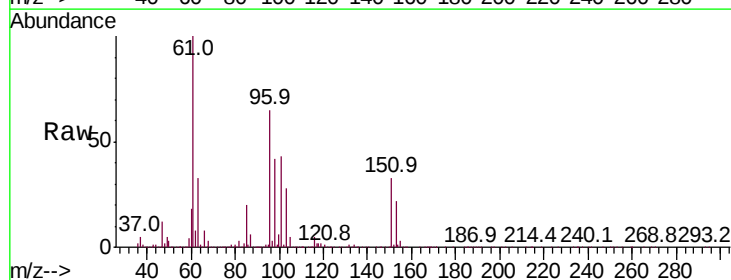
Manual Integrations
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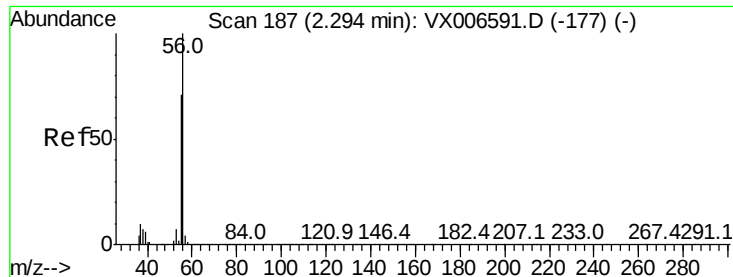
MMDadoda
12/22/2018 11:15:30 AM



#12
1,1-Dichloroethene
Concen: 50.263 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.6	121.4	182.2
98	65.1	51.9	77.9





#13

Acrolein

Concen: 252.158 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 224680

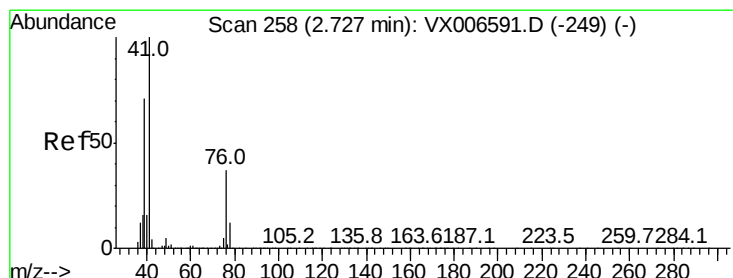
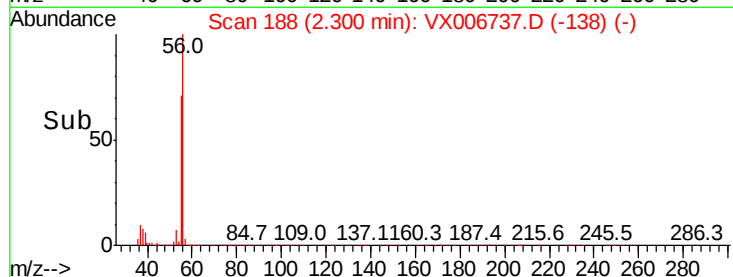
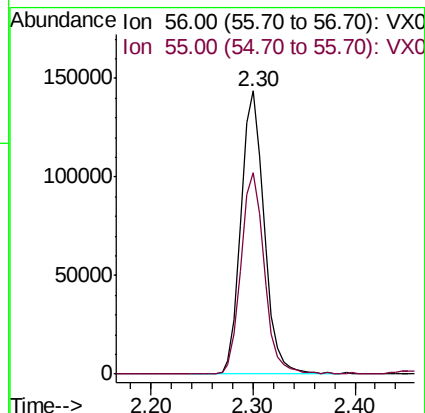
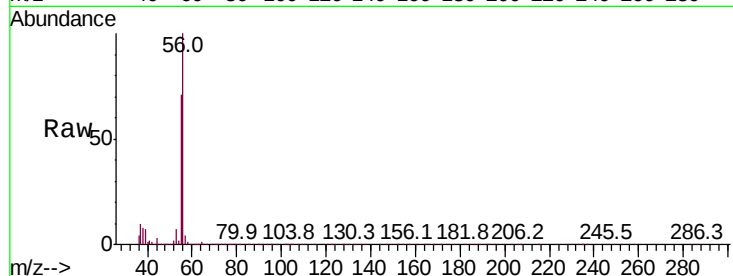
Ion Ratio Lower Upper

56 100

55 71.4 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 50.993 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

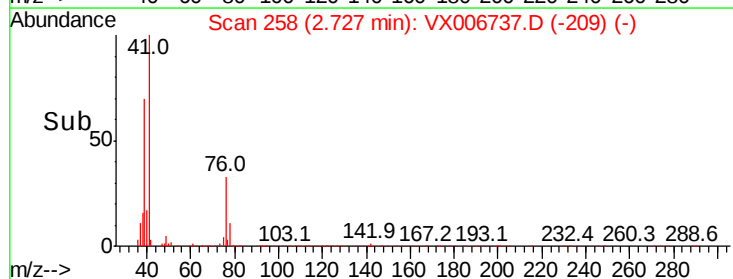
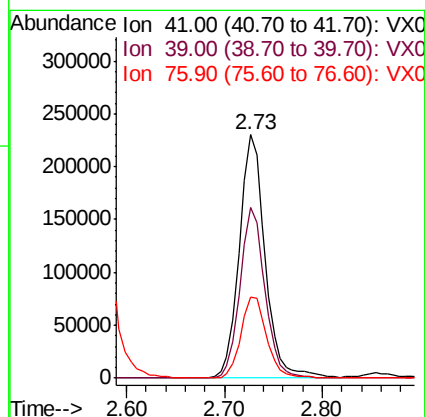
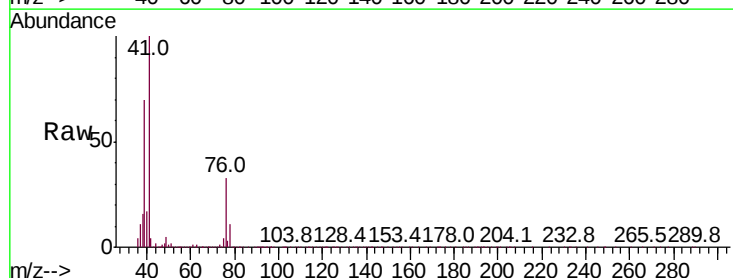
Tgt Ion: 41 Resp: 421127

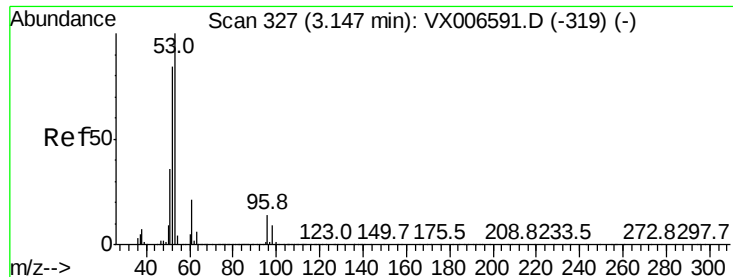
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 281.486 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

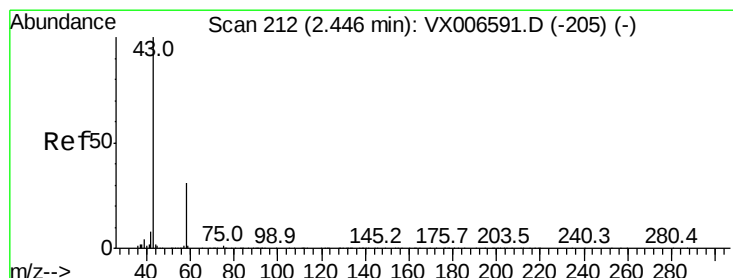
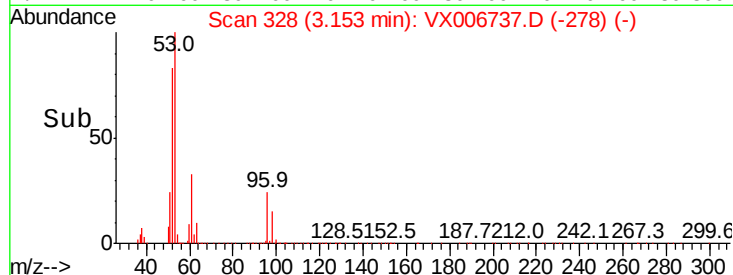
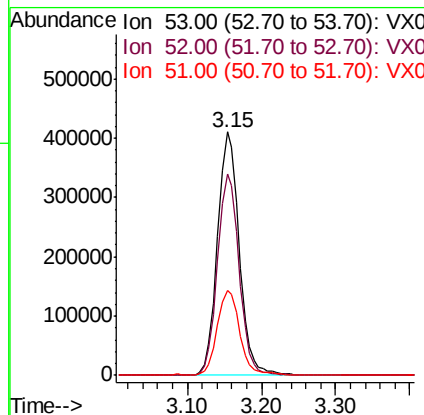
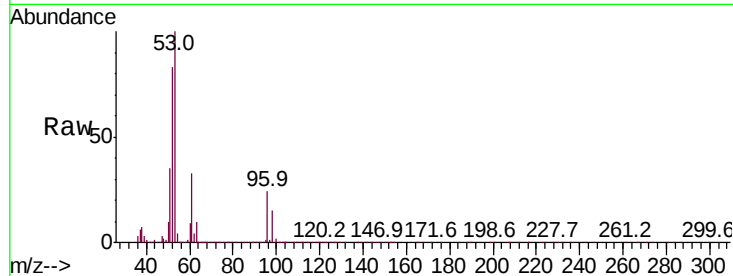
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	825492
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.0	99.0
51	36.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 258.385 ug/l

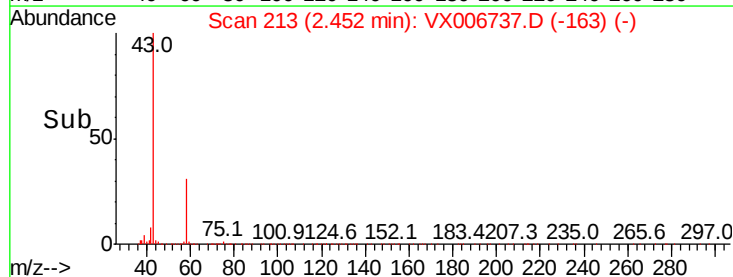
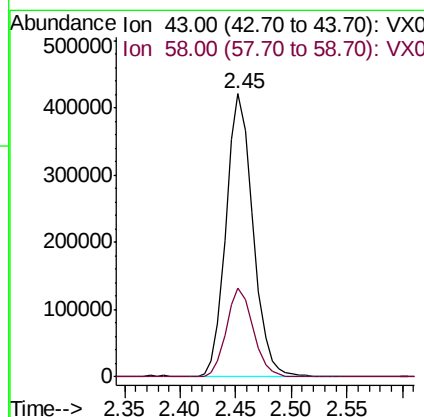
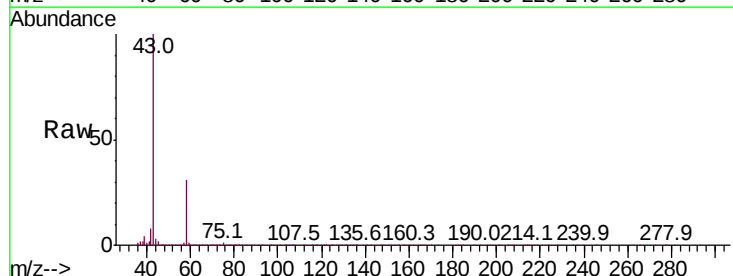
RT: 2.45 min Scan# 213

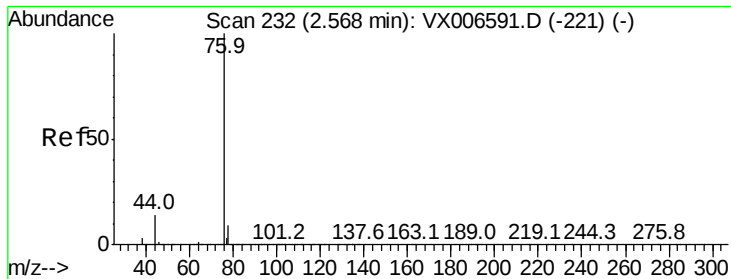
Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	43	Resp:	702569
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.0	37.6





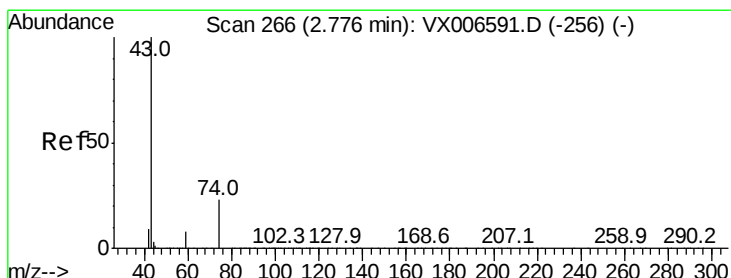
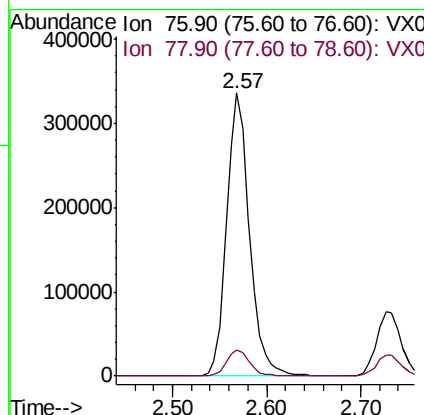
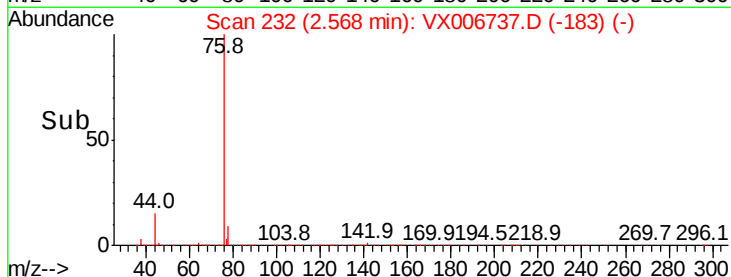
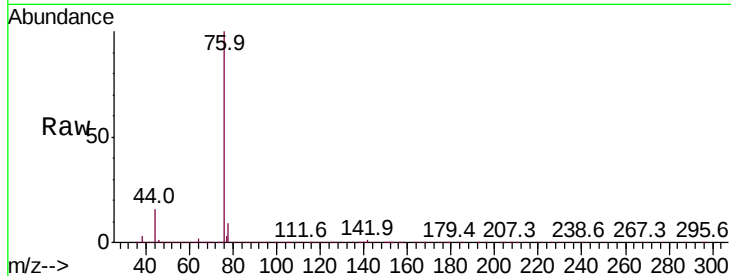
#17
Carbon Disulfide
Concen: 43.369 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

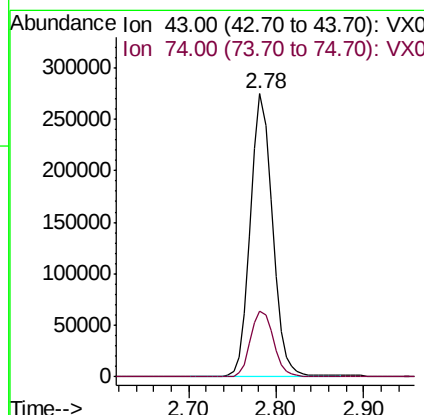
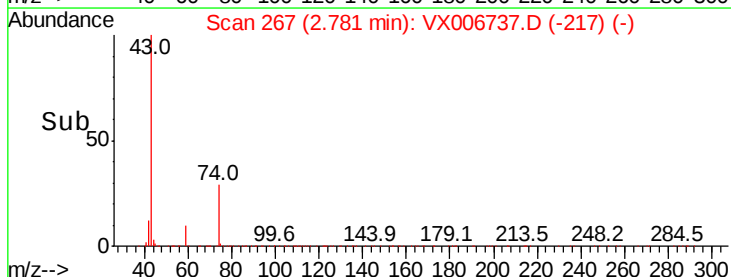
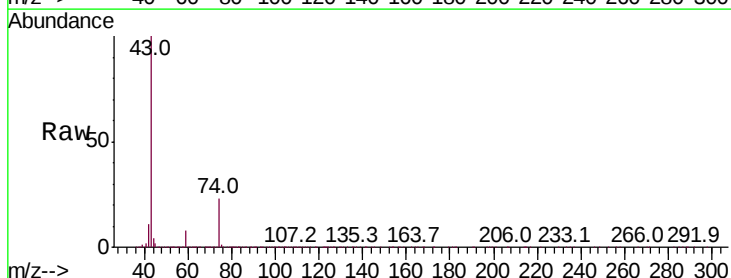
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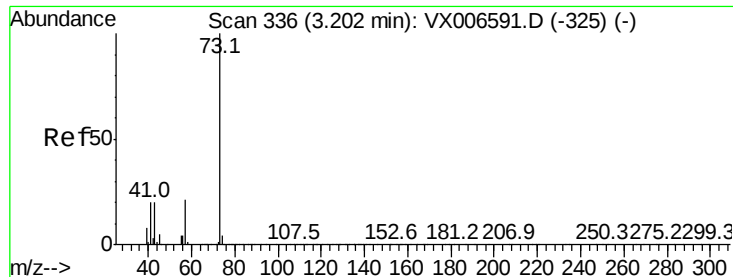
MMDadoda
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#18
Methyl Acetate
Concen: 60.308 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.6	28.0





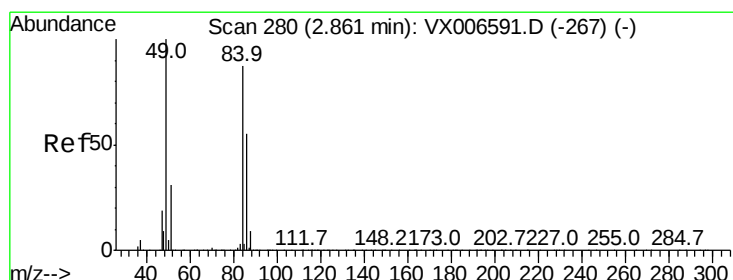
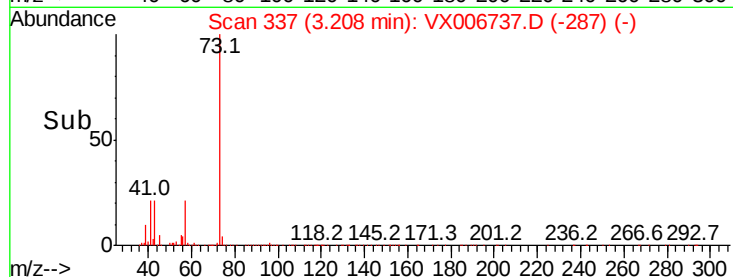
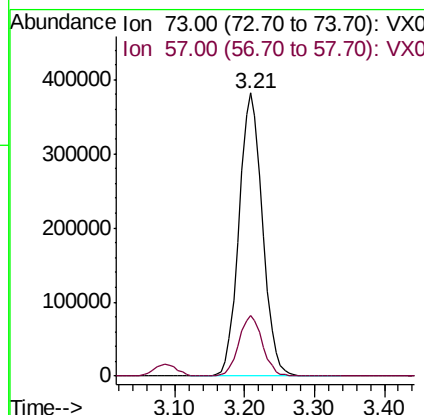
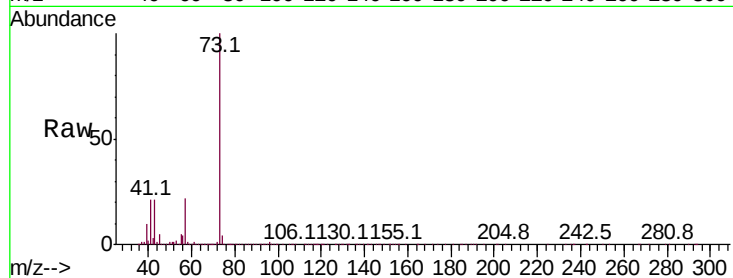
#19
Methyl tert-butyl Ether
Concen: 54.553 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 888360
Ion Ratio Lower Upper
73 100
57 21.5 16.8 25.2

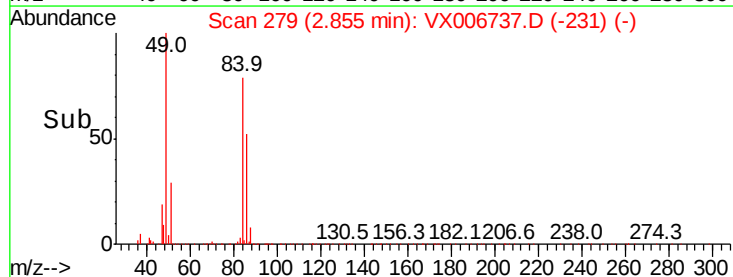
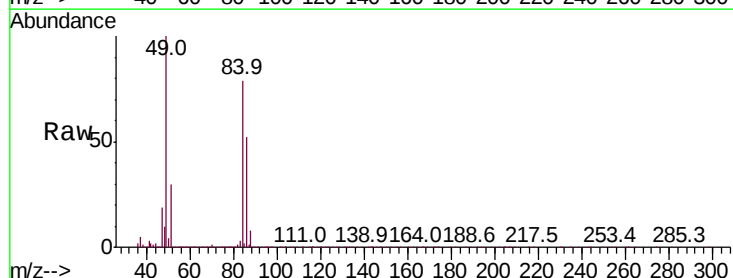
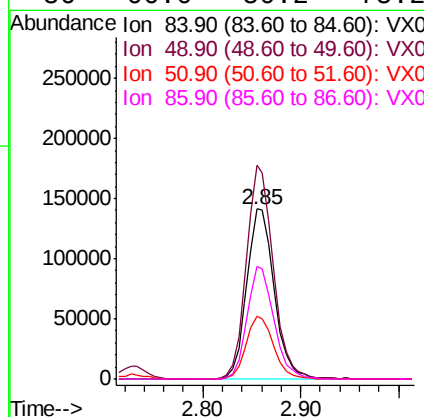
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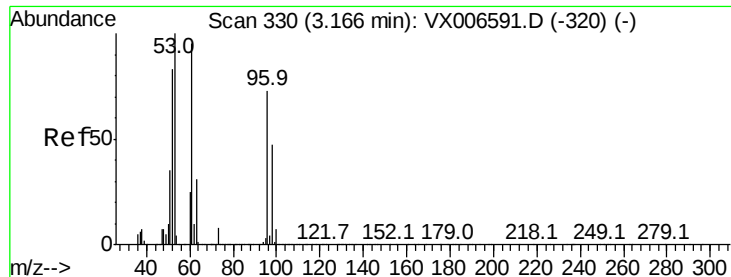
MMDadoda
12/22/2018 11:15:30 AM



#20
Methylene Chloride
Concen: 48.954 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion: 84 Resp: 275250
Ion Ratio Lower Upper
84 100
49 125.8 91.8 137.6
51 37.1 28.5 42.7
86 66.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.847 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

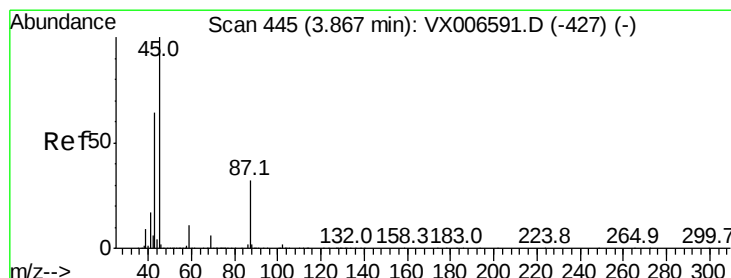
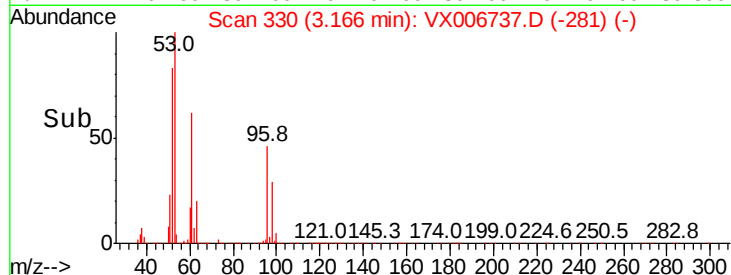
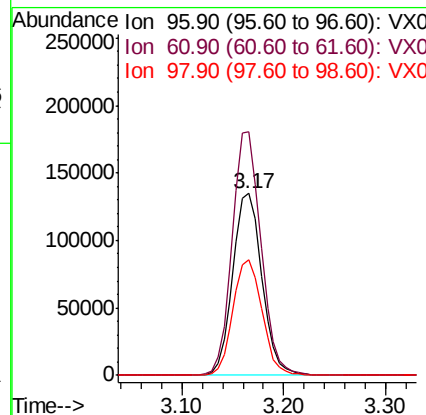
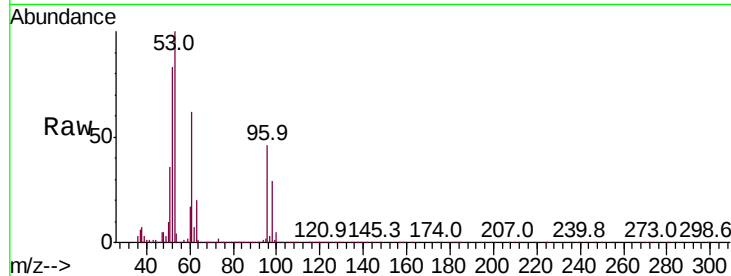
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	265544
Ion	Ratio	Lower	Upper
96	100		
61	133.7	103.7	155.5
98	63.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 52.850 ug/l

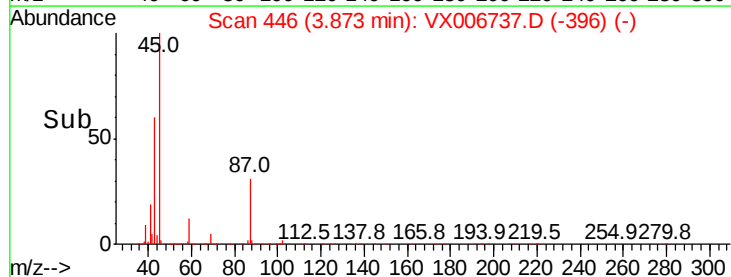
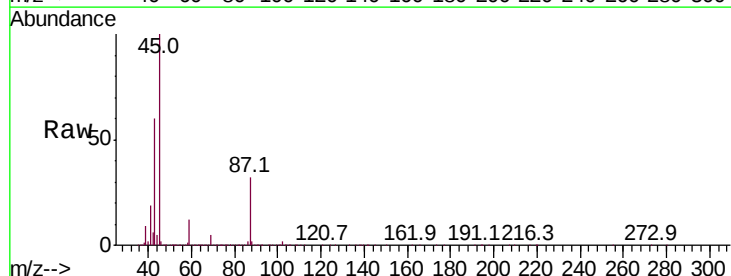
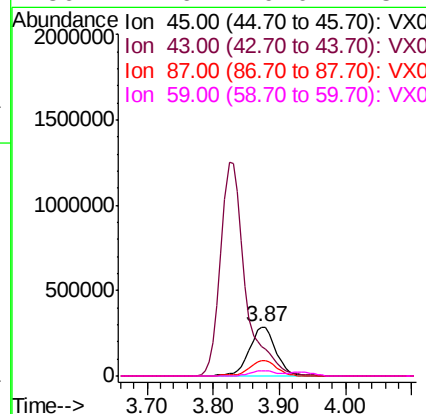
RT: 3.87 min Scan# 446

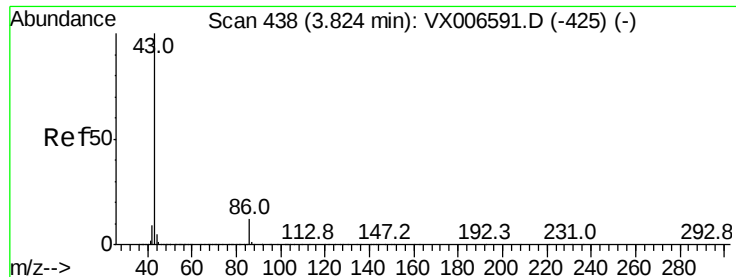
Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	45	Resp:	798484
Ion	Ratio	Lower	Upper
45	100		
43	60.0	51.2	76.8
87	31.5	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 265.564 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3281932

Ion Ratio Lower Upper

43 100

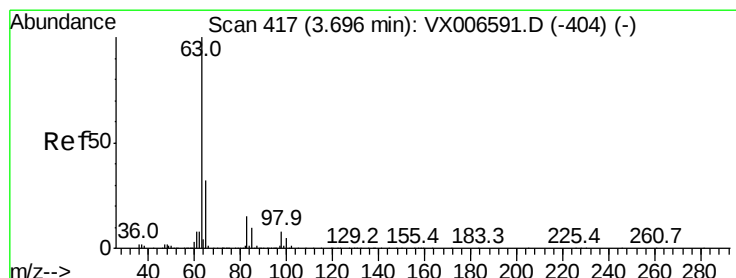
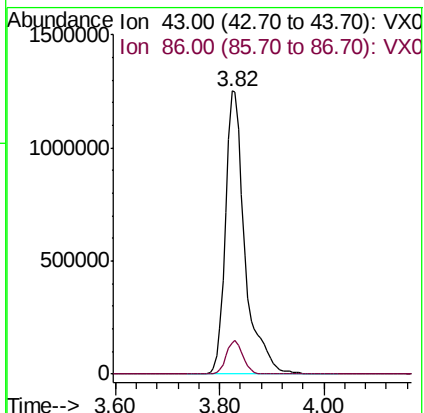
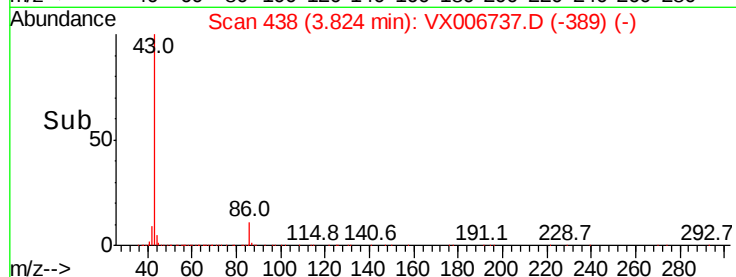
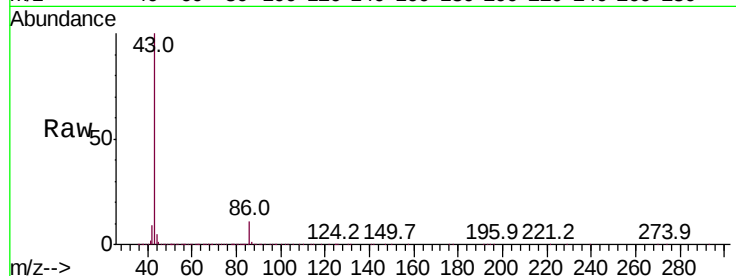
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 49.825 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

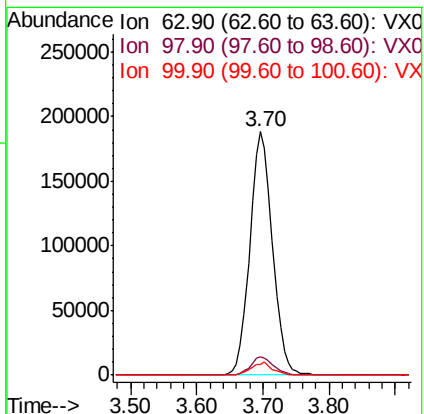
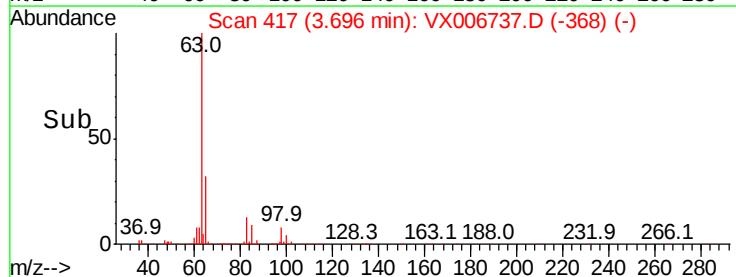
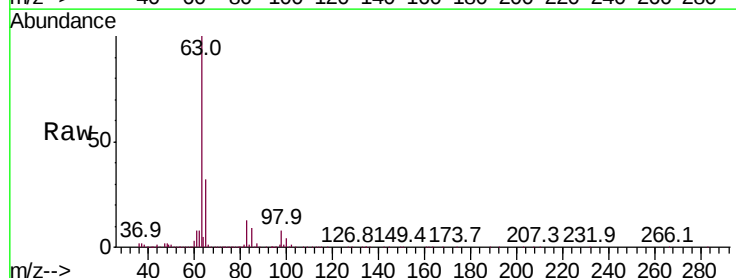
Tgt Ion: 63 Resp: 449376

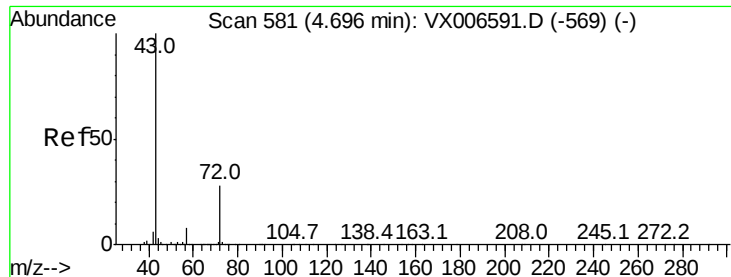
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 271.305 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1037666

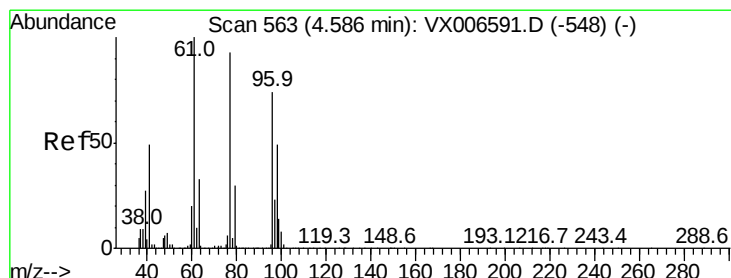
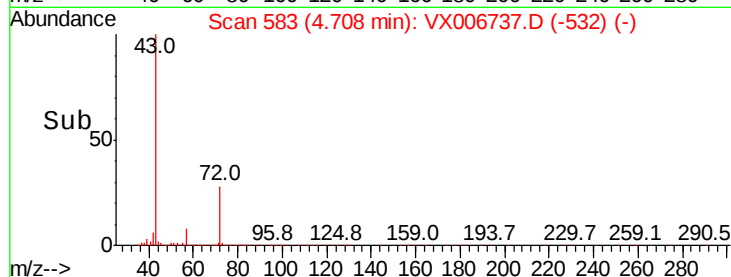
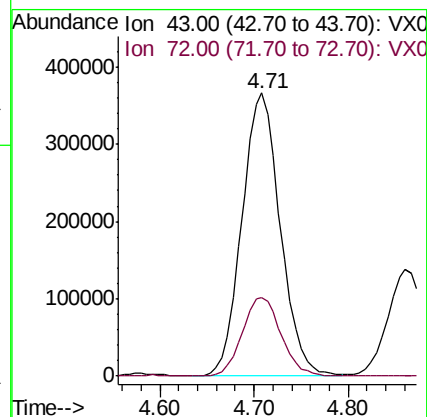
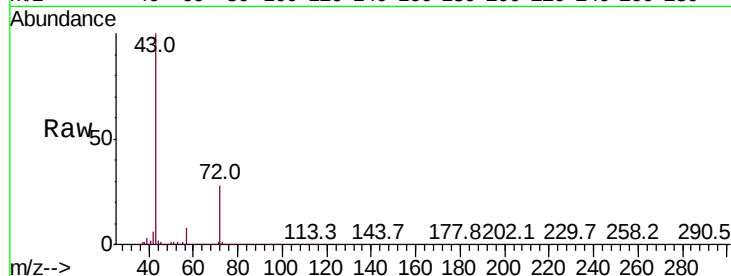
Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 39.094 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006737.D

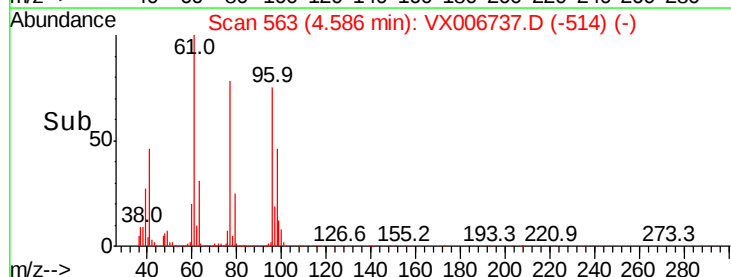
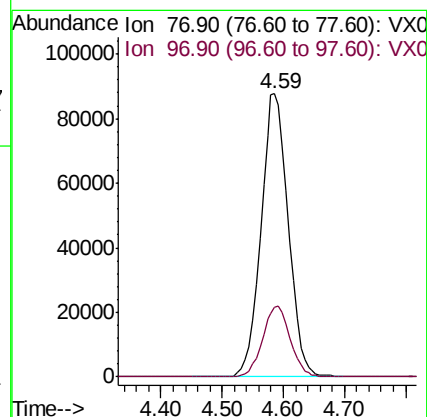
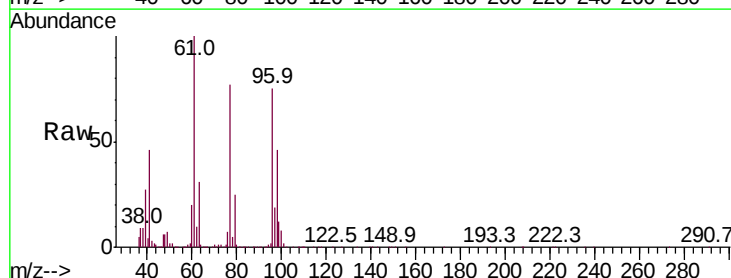
Acq: 21 Dec 2018 21:44

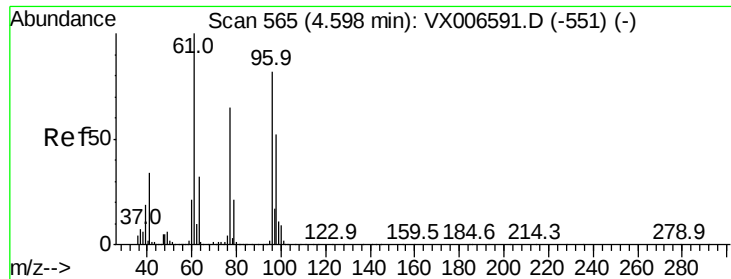
Tgt Ion: 77 Resp: 272363

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4





#27

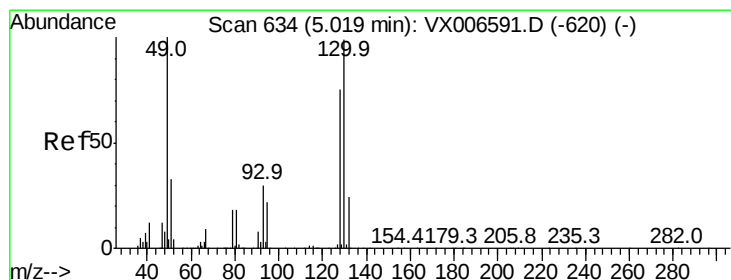
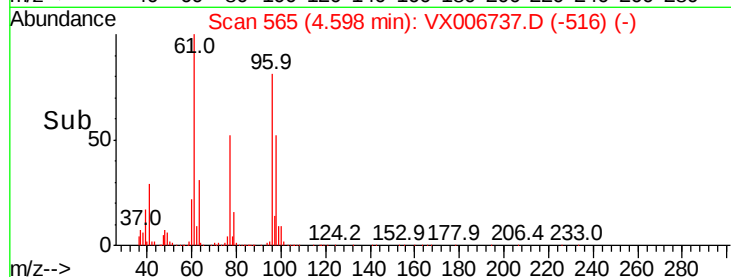
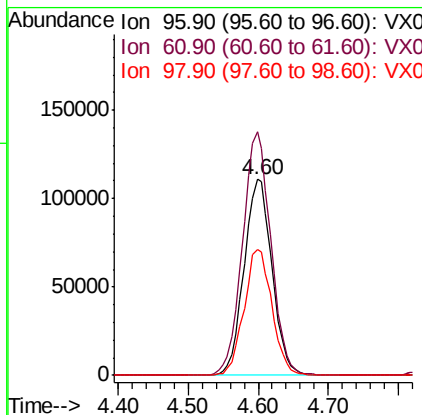
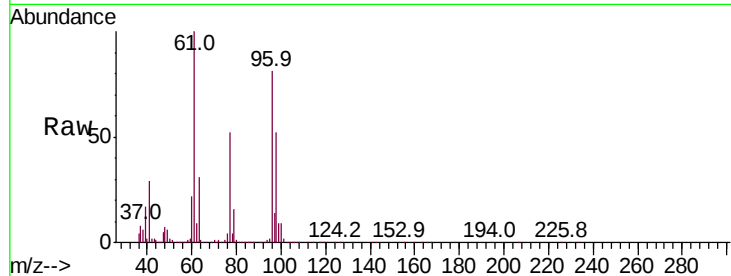
cis-1,2-Dichloroethene
Concen: 51.319 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	307804		
61	125.6		0.0	258.6
98	64.1		0.0	132.0

Manual Integrations
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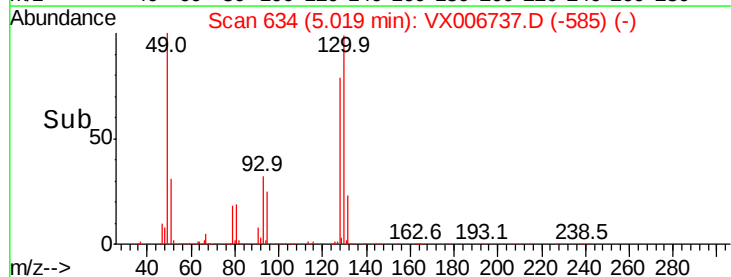
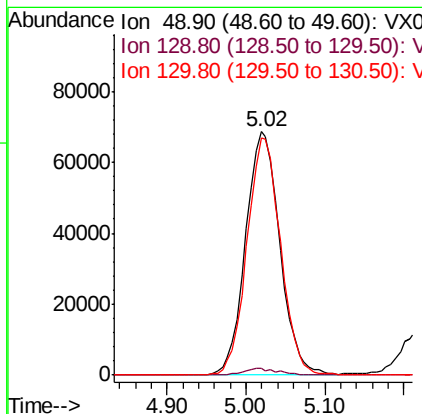
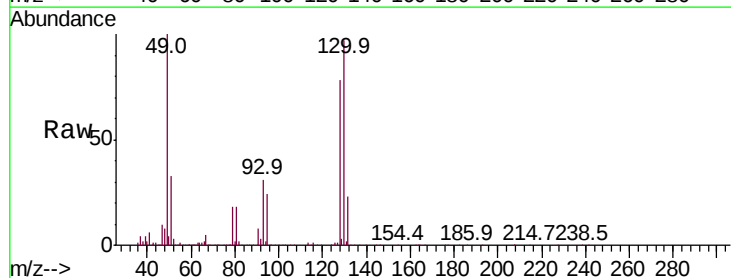
MMDadoda
12/22/2018 11:15:30 AM

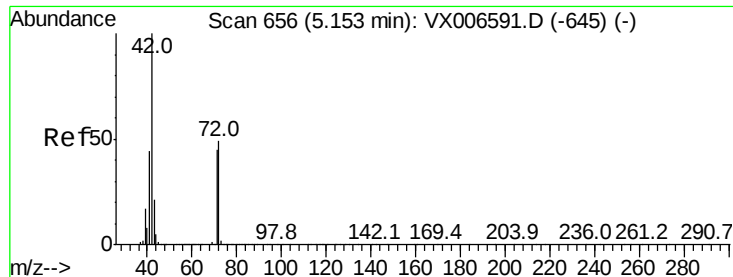


#28

Bromochloromethane
Concen: 54.761 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	207527		
129	2.8		0.0	5.4
130	95.3		77.7	116.5





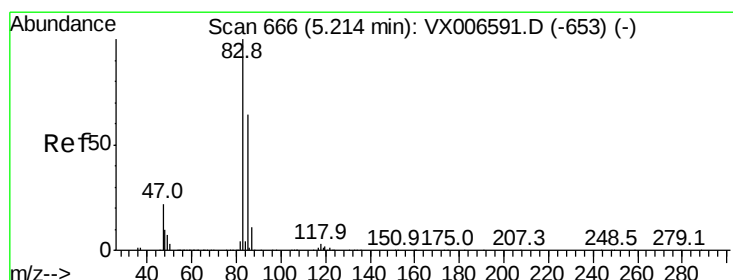
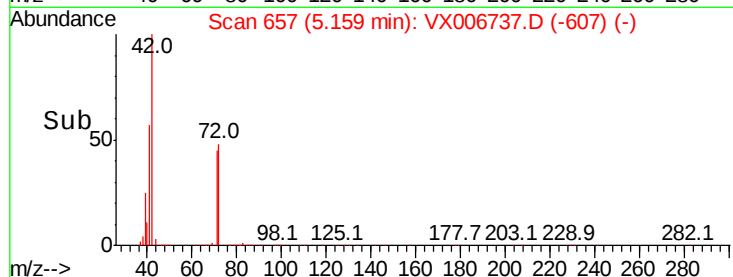
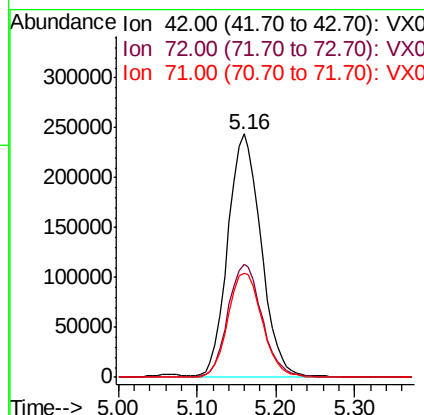
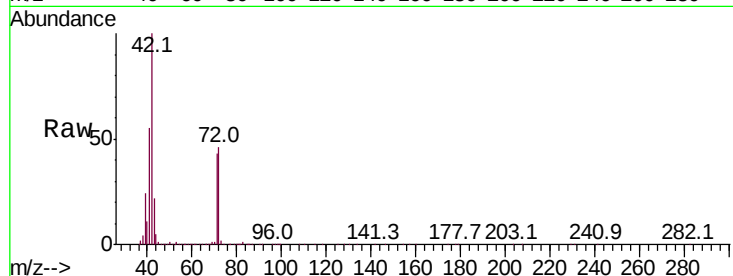
#29
Tetrahydrofuran
Concen: 283.710 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.9	58.3
71	44.3	36.2	54.4

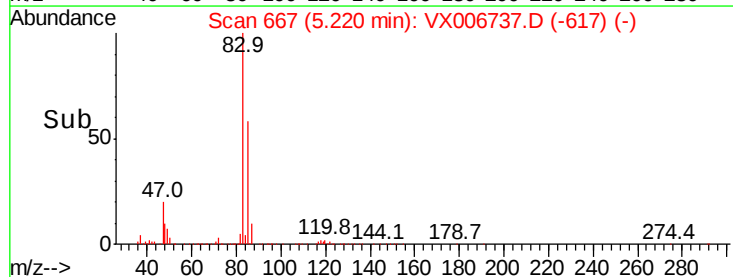
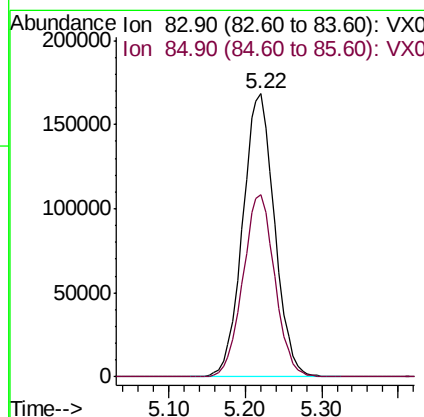
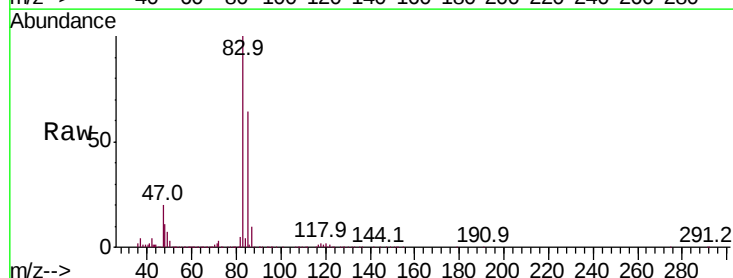
Manual Integrations
APPROVED

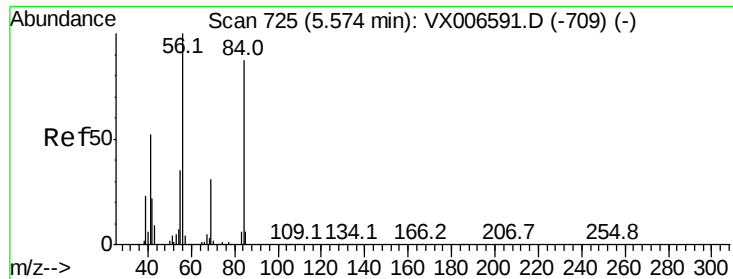
MMDadoda
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#30
Chloroform
Concen: 51.933 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





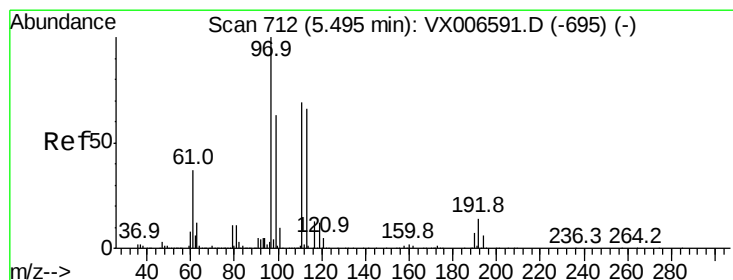
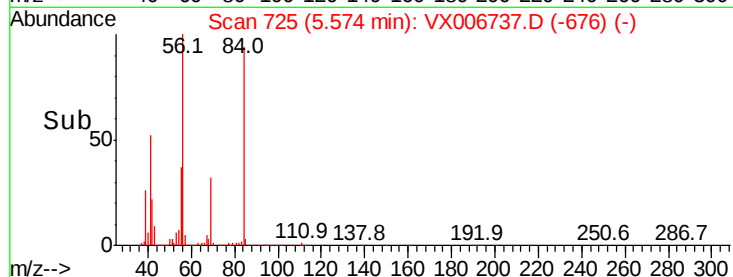
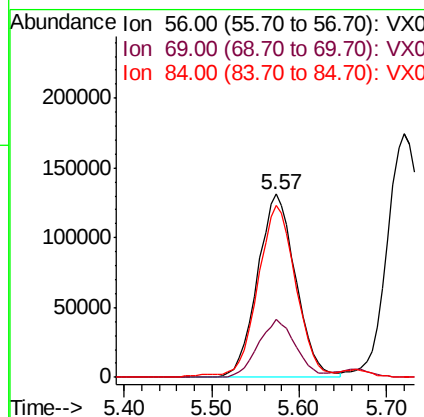
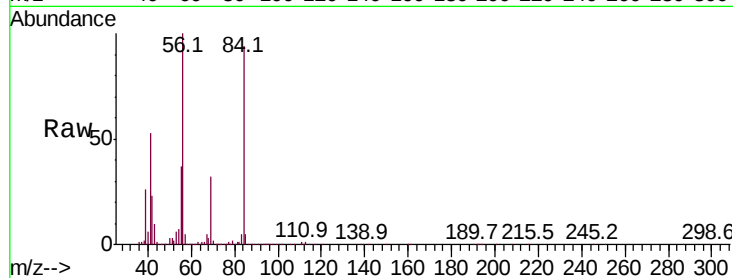
#31
Cyclohexane
Concen: 48.814 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.4	36.6
84	92.8	70.0	105.0

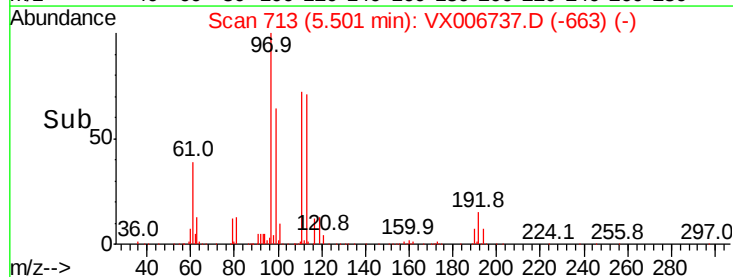
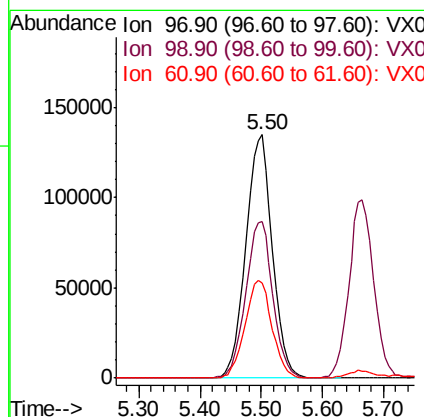
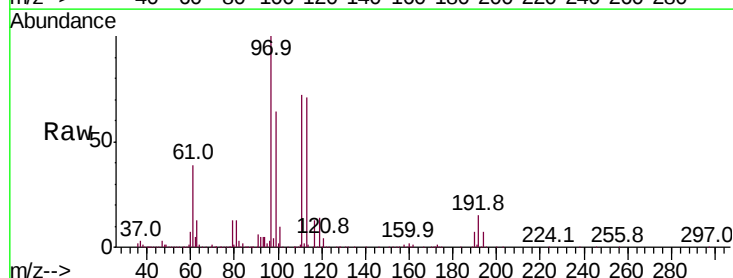
Manual Integrations
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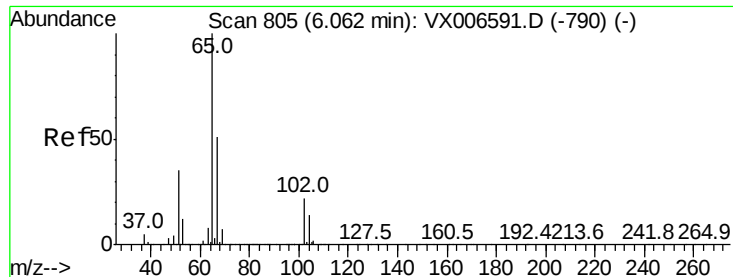
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.497 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.7	77.5
61	41.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.881 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 301134

Ion Ratio Lower Upper

65 100

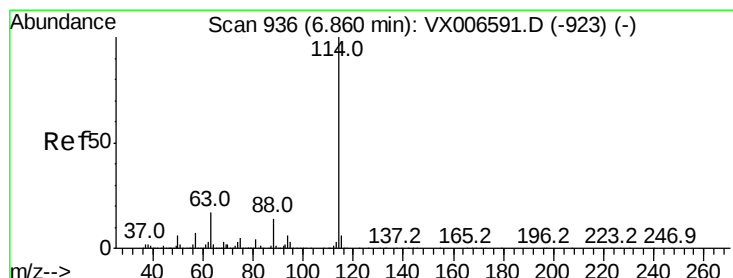
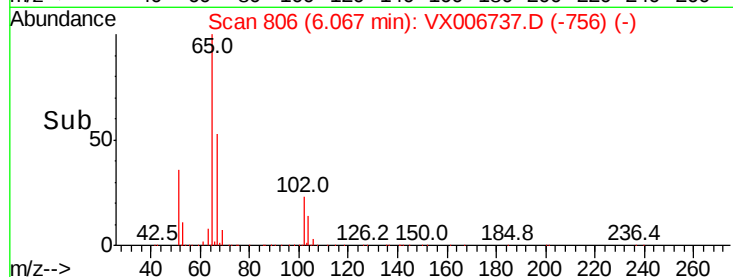
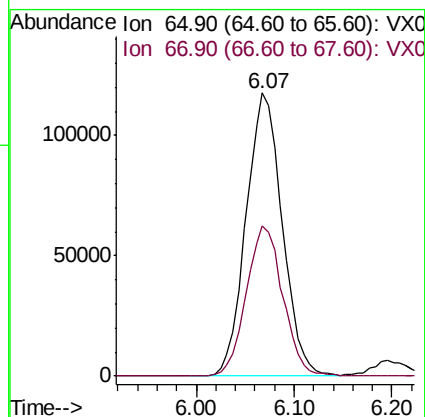
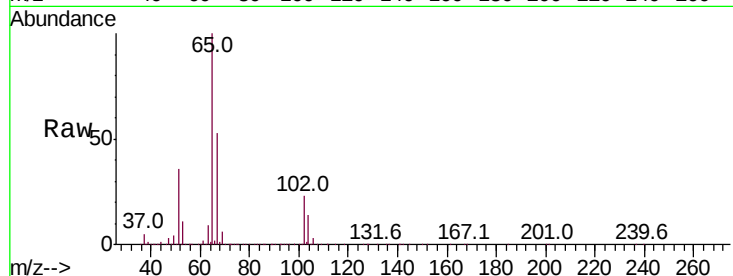
67 53.8 0.0 105.0

Manual Integrations

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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: VX006737.D

Acq: 21 Dec 2018 21:44

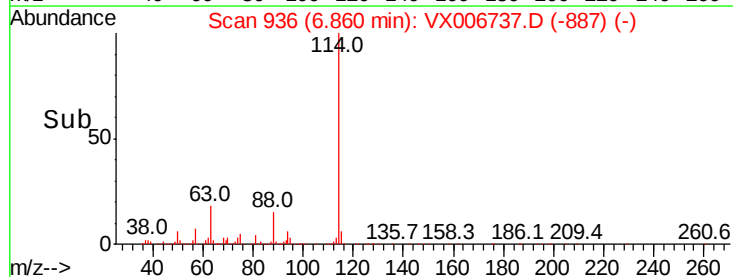
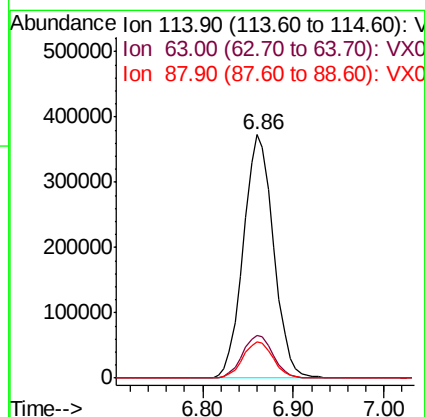
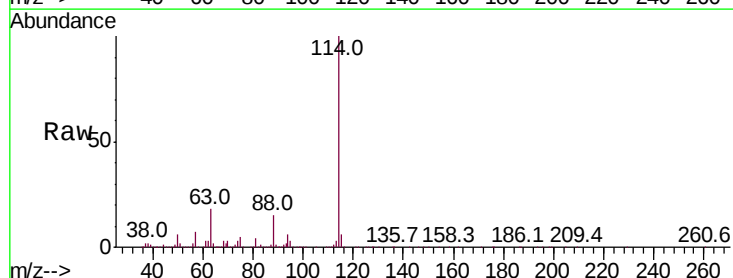
Tgt Ion: 114 Resp: 858548

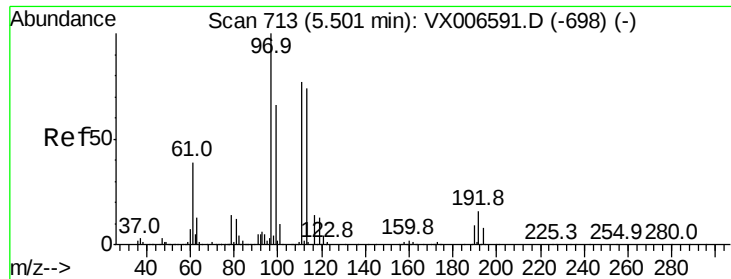
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 14.7 0.0 28.8





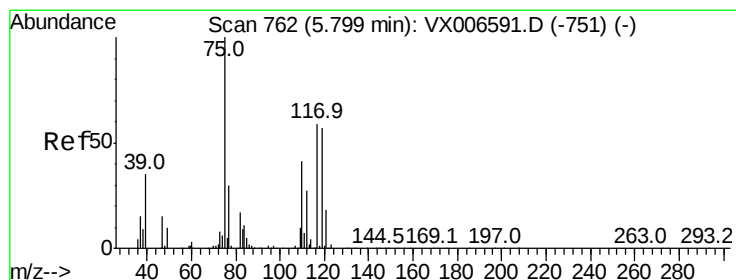
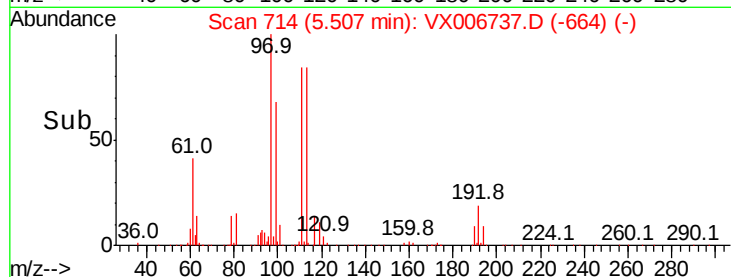
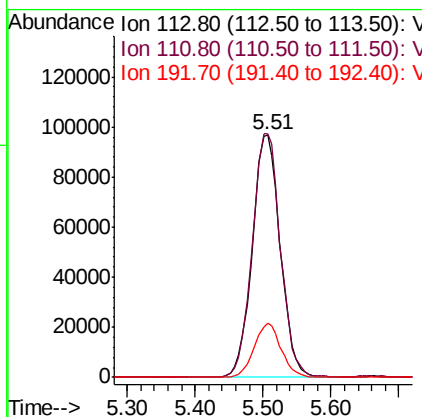
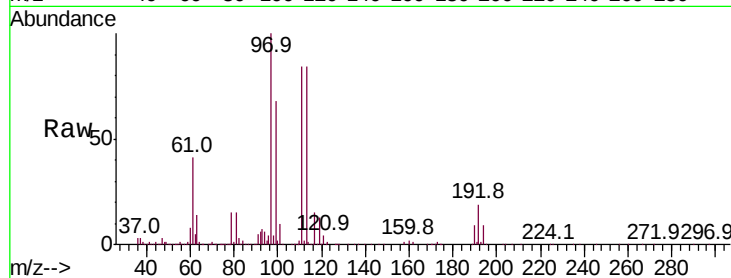
#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	21.5	16.7	25.1

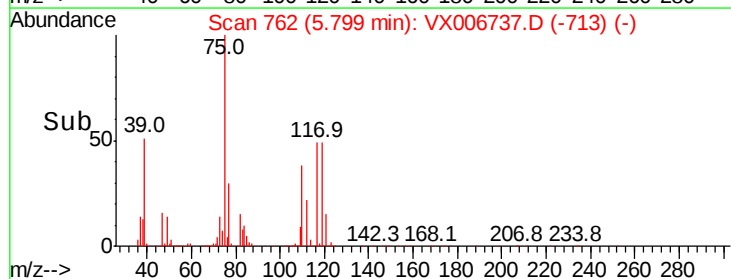
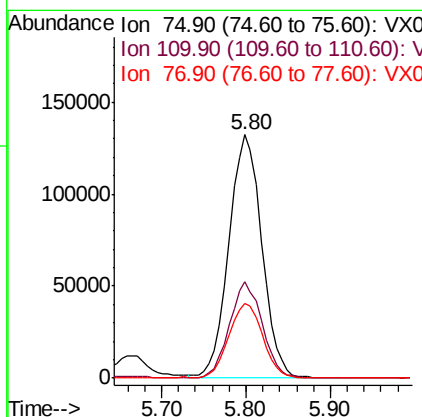
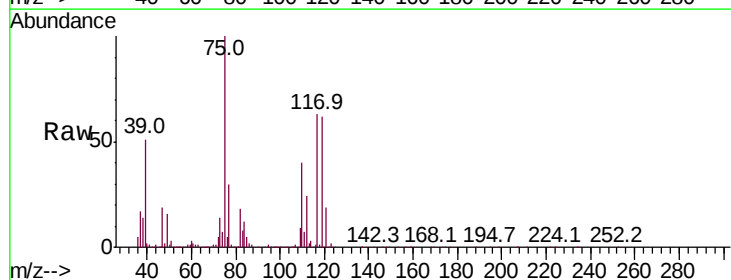
Manual Integrations
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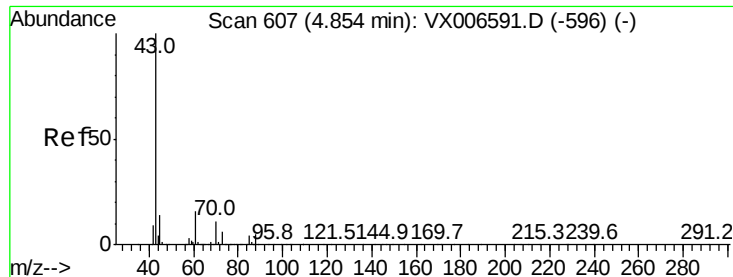
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#36
1,1-Dichloropropene
Concen: 49.196 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	20.2	60.5
77	31.2	24.8	37.2





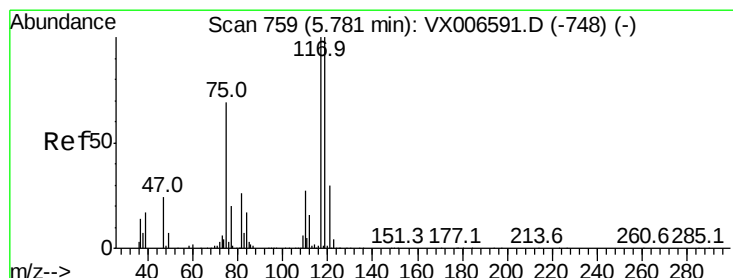
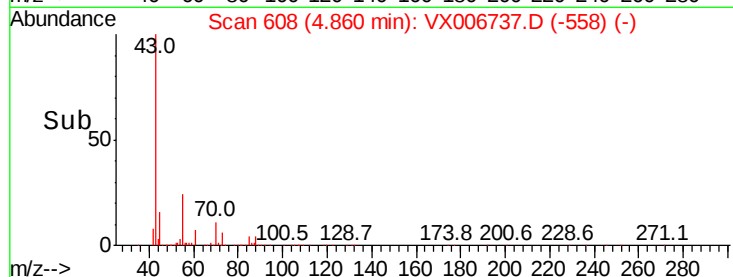
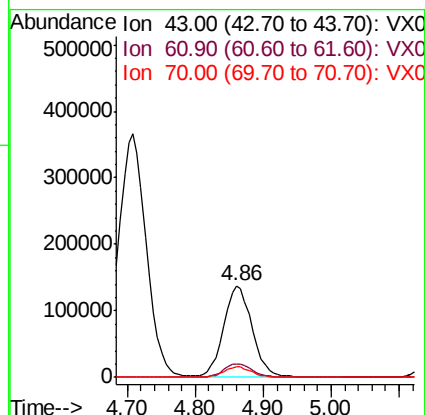
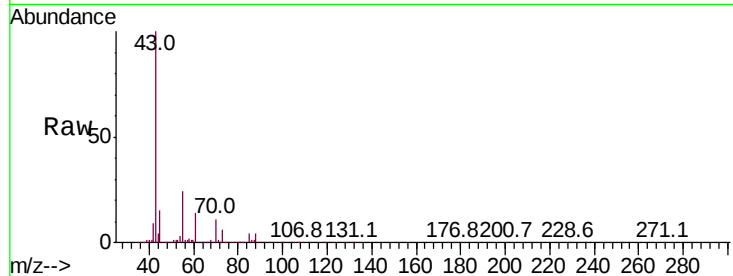
#37
Ethyl Acetate
Concen: 53.883 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	398785		
61	14.9		11.9	17.9
70	11.4		9.7	14.5

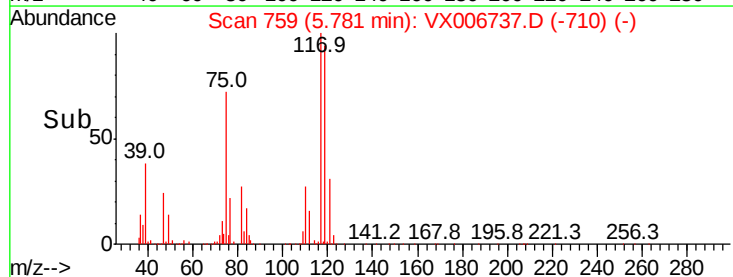
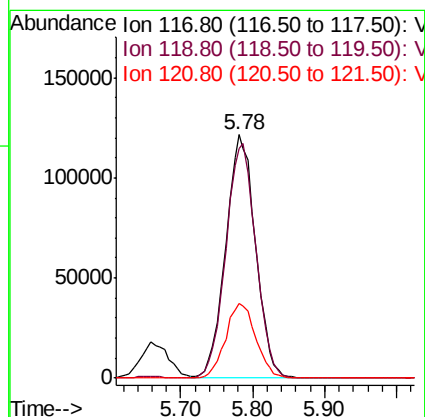
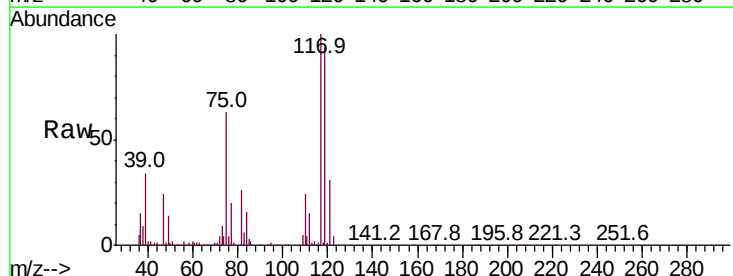
Manual Integrations
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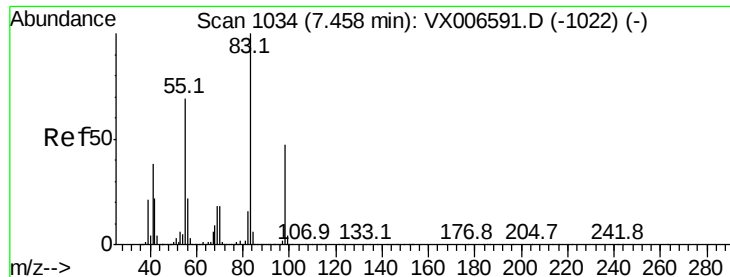
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#38
Carbon Tetrachloride
Concen: 50.525 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	349155		
119	94.1		79.4	119.2
121	30.8		24.0	36.0





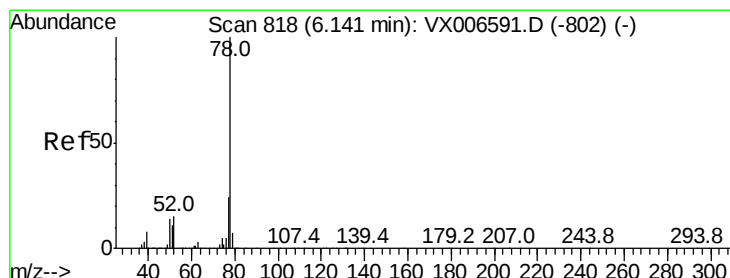
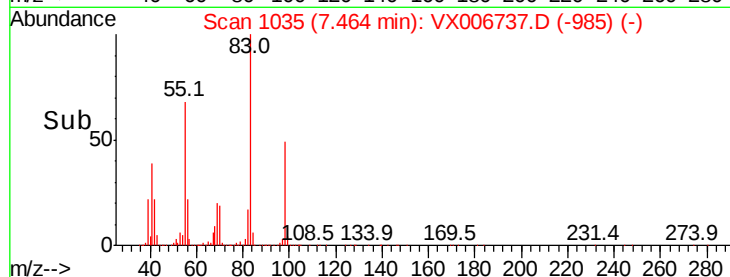
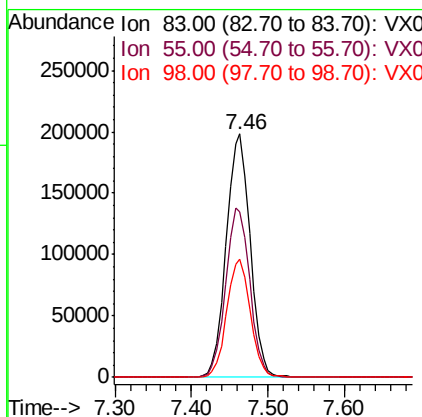
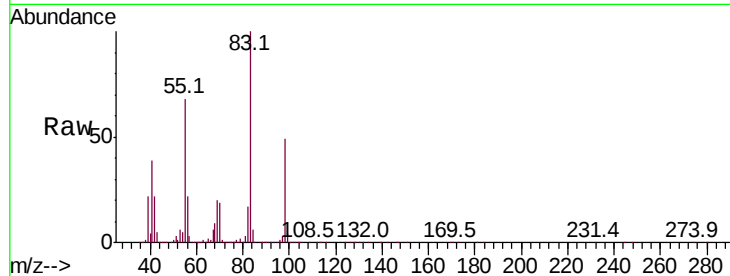
#39
Methvlcvclohexane
Concen: 45.670 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	54.9	82.3
98	48.5	37.9	56.9

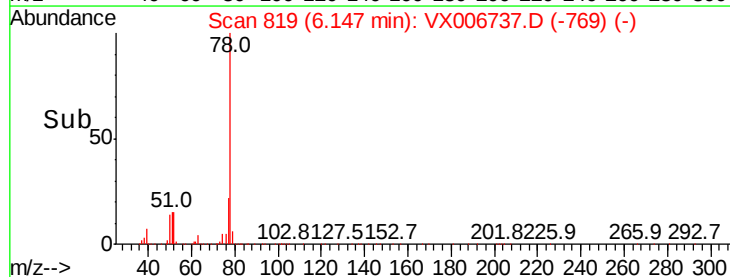
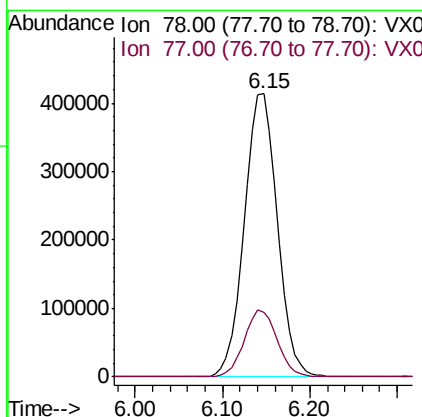
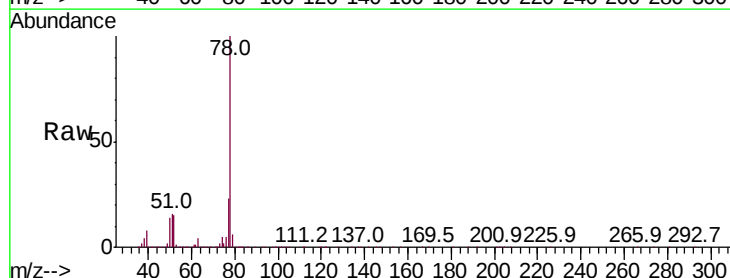
Manual Integrations
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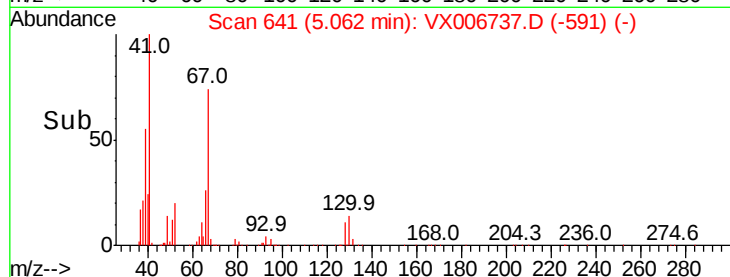
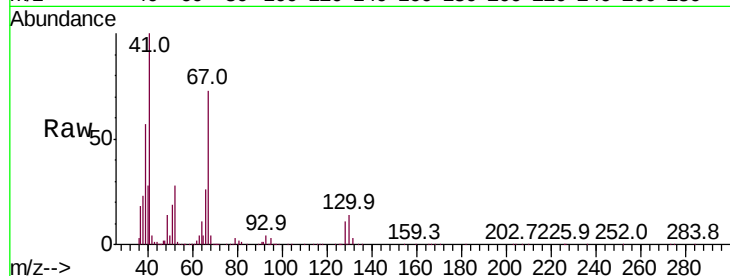
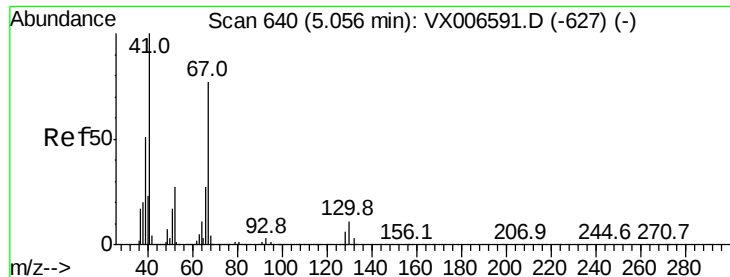
MMDadoda
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#40
Benzene
Concen: 50.274 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





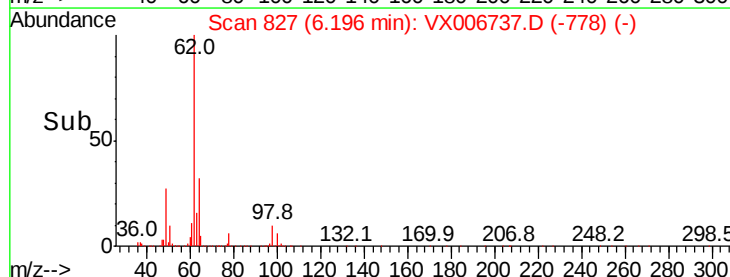
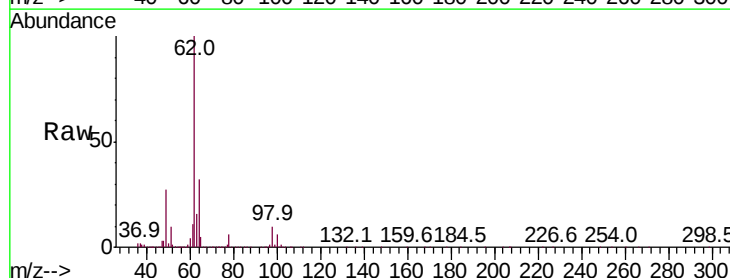
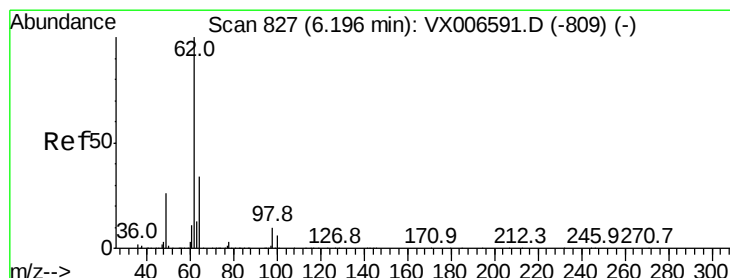
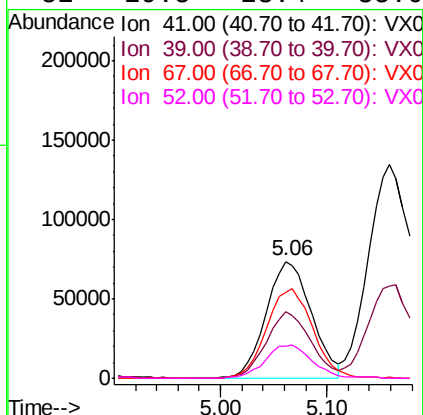
#41
Methacrylonitrile
Concen: 54.968 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		215989		
39	55.8	42.8	64.2		
67	78.3	62.1	93.1		
52	29.5	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

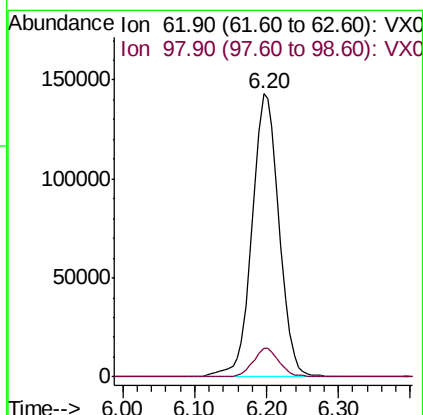
Manual Integrations
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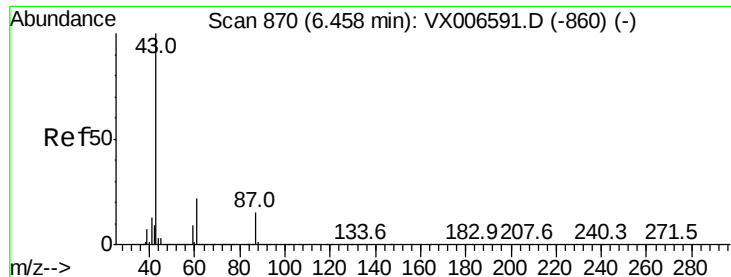
MMDadoda
12/22/2018 11:15:30 AM



#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		373062		
98	9.8	0.0	20.2		





#43

Isopropyl Acetate

Concen: 54.374 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

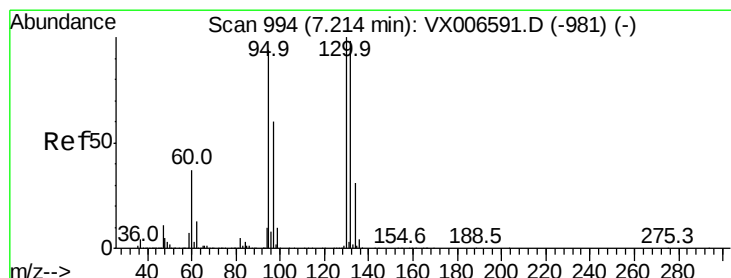
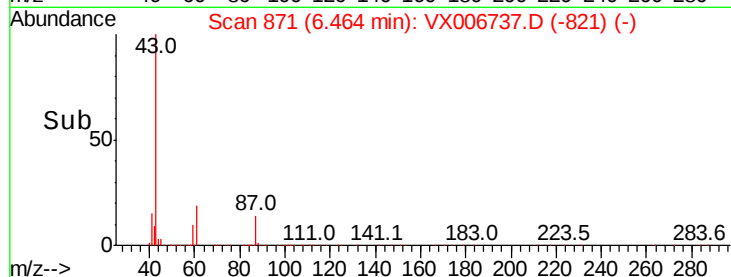
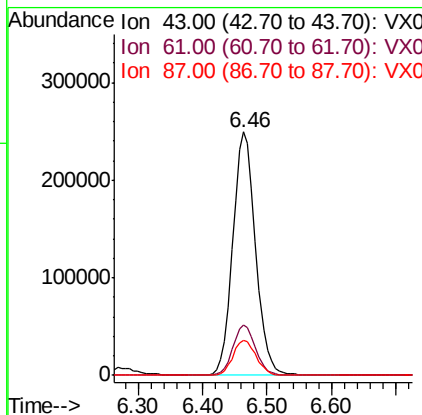
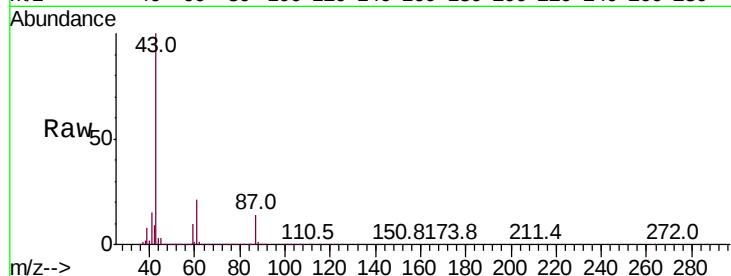
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	612303
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	14.9	12.4	18.6

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#44

Trichloroethene

Concen: 48.247 ug/l

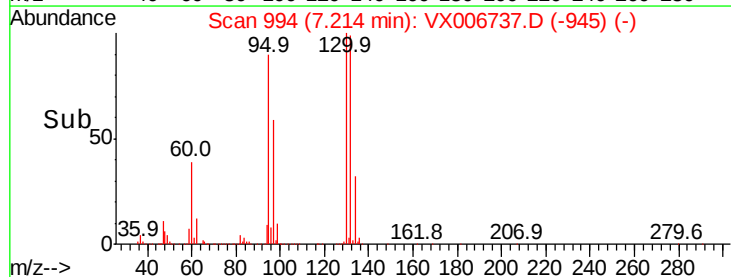
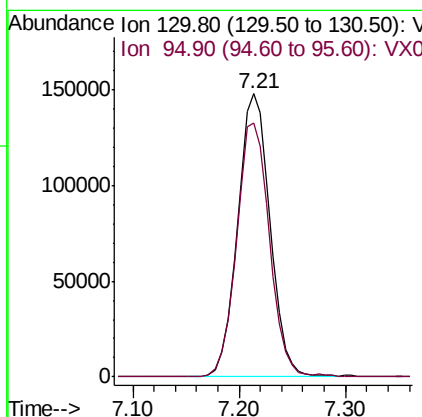
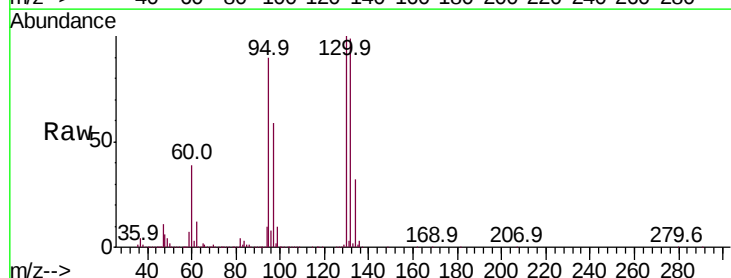
RT: 7.21 min Scan# 994

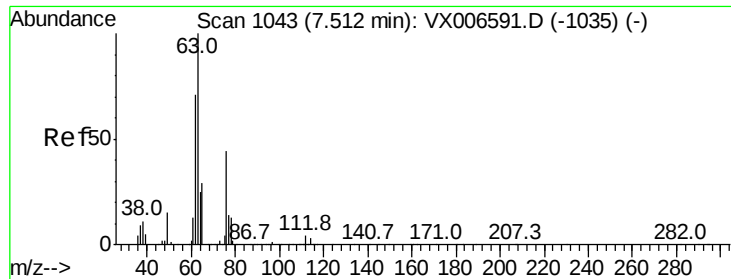
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	130	Resp:	315633
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.761 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 272257

Ion Ratio Lower Upper

63 100

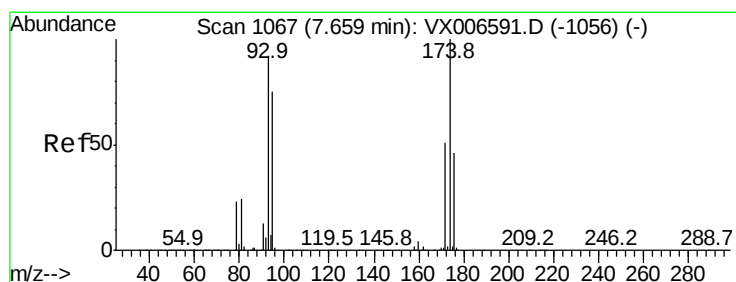
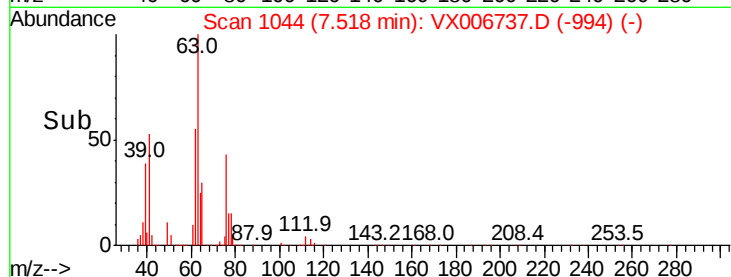
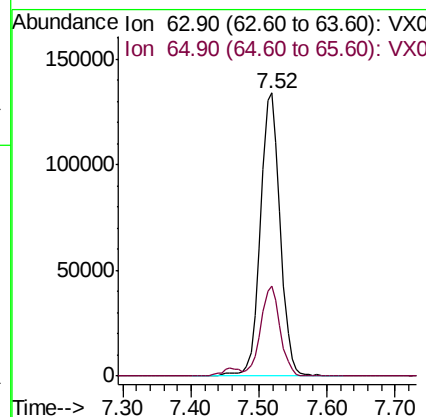
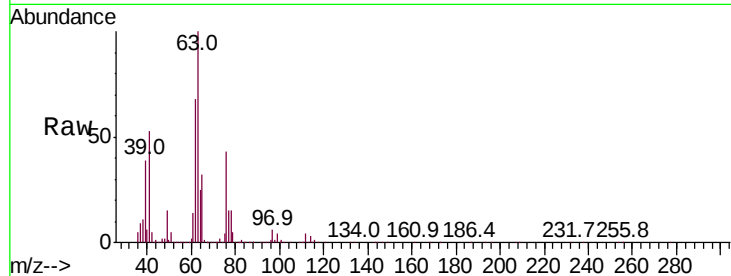
65 31.8 25.4 38.0

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#46

Dibromomethane

Concen: 50.274 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

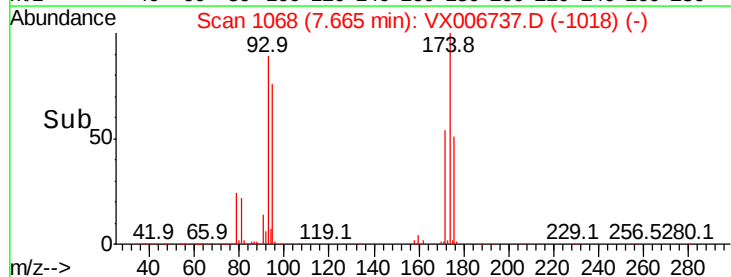
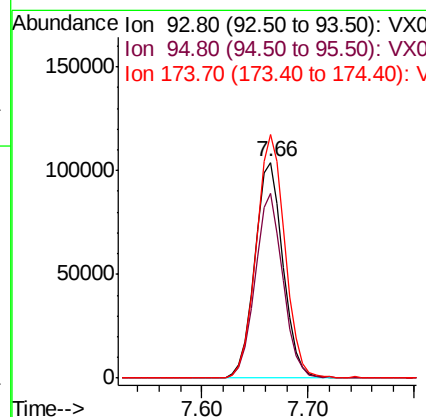
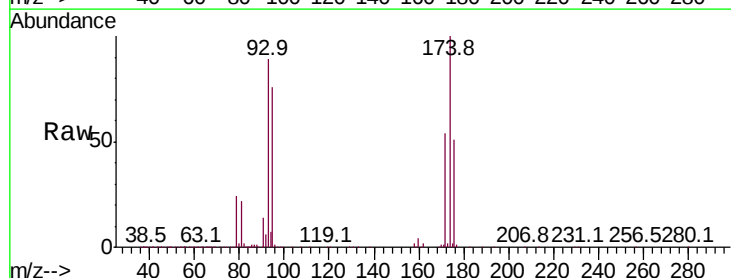
Tgt Ion: 93 Resp: 194503

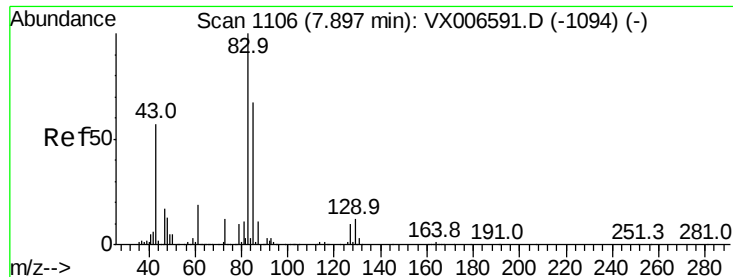
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 113.9 91.0 136.4





#47

Bromodichloromethane

Concen: 51.833 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

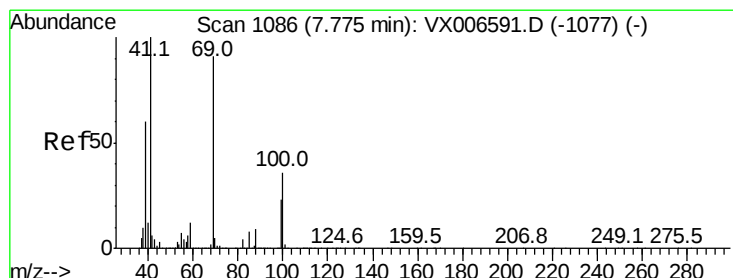
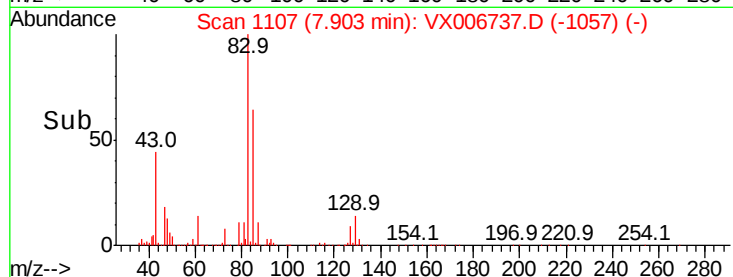
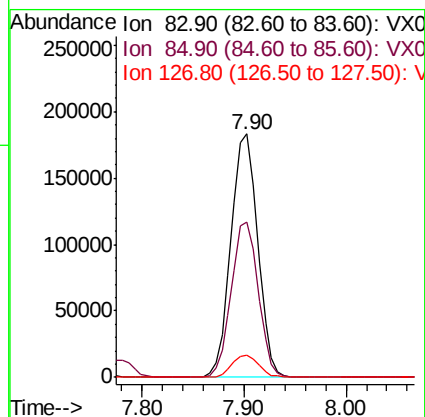
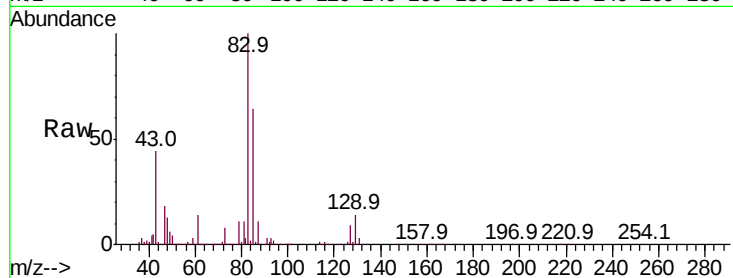
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	332933
Ion Ratio	Lower	Upper	
83	100		
85	63.7	53.2	79.8
127	8.8	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.543 ug/l

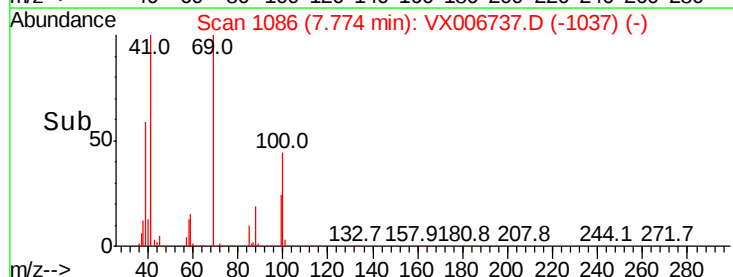
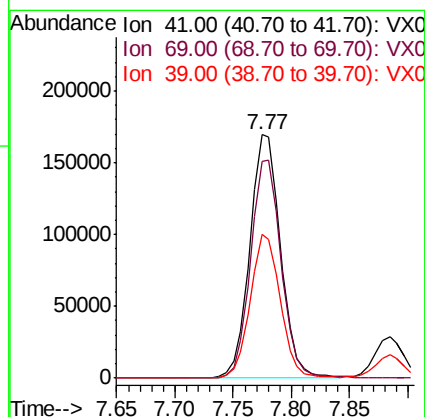
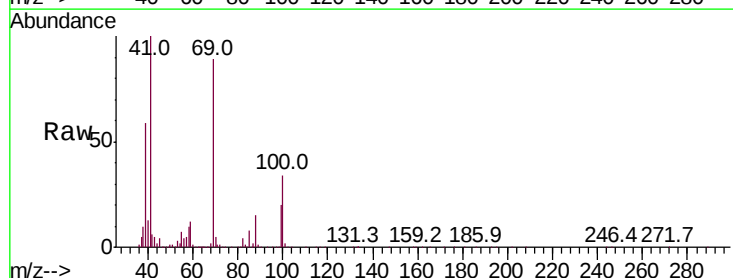
RT: 7.77 min Scan# 1086

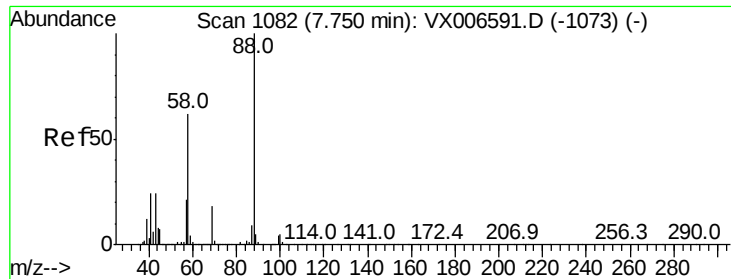
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	41	Resp:	312344
Ion Ratio	Lower	Upper	
41	100		
69	89.5	72.4	108.6
39	57.6	45.8	68.8





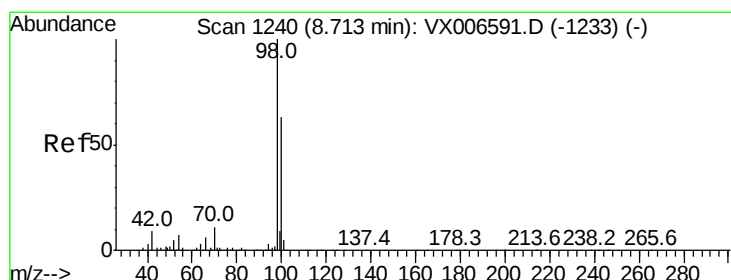
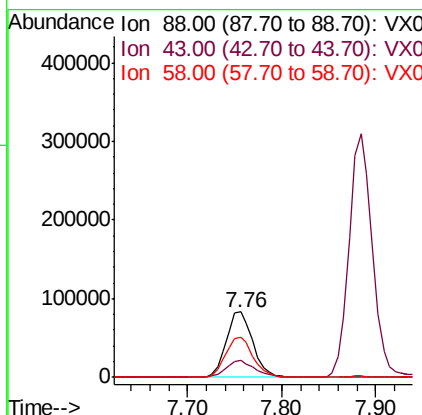
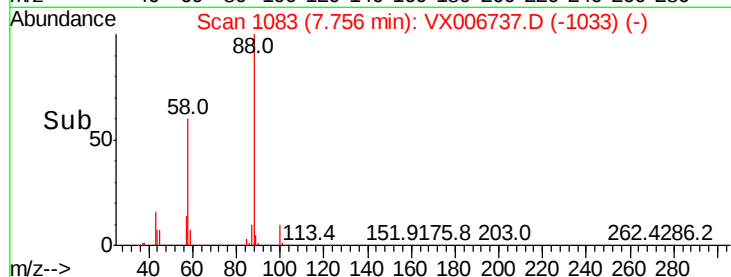
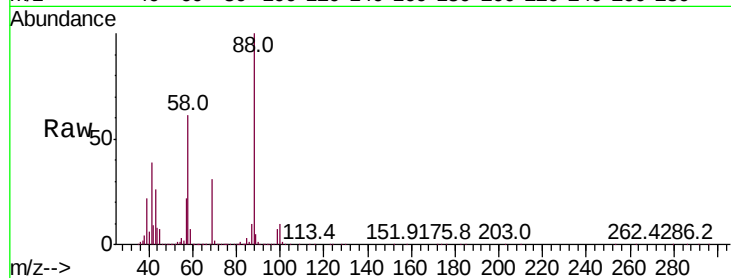
#49
1,4-Dioxane
Concen: 1084.183 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.2	33.4
58	63.9	51.0	76.4

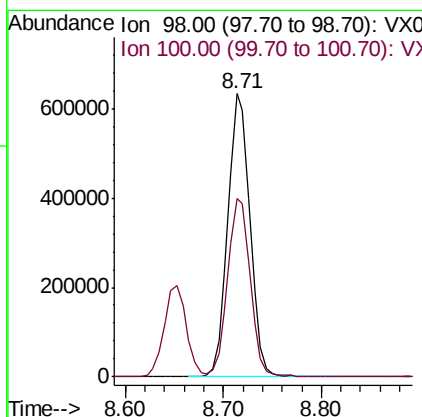
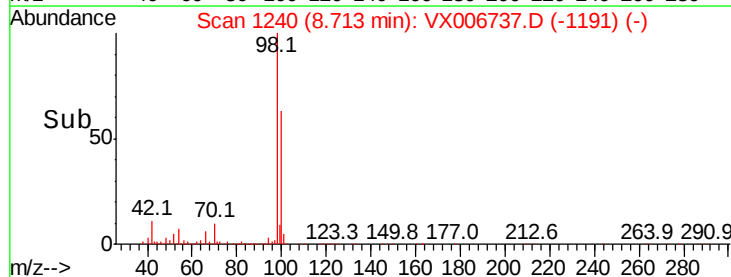
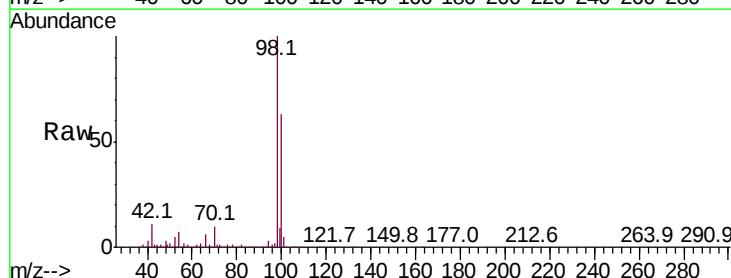
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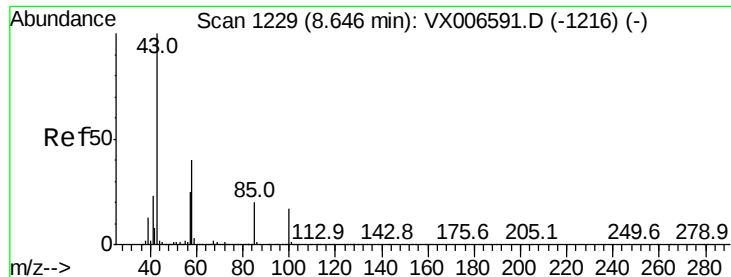
MMDadoda
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#50
Toluene-d8
Concen: 48.649 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0





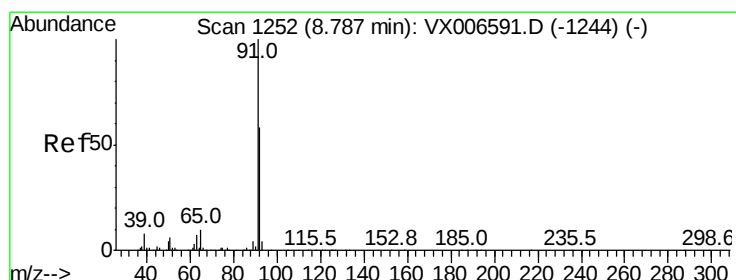
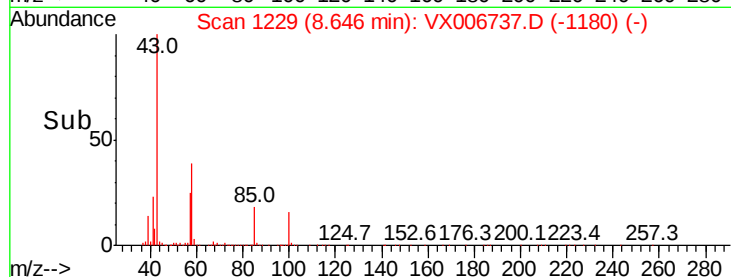
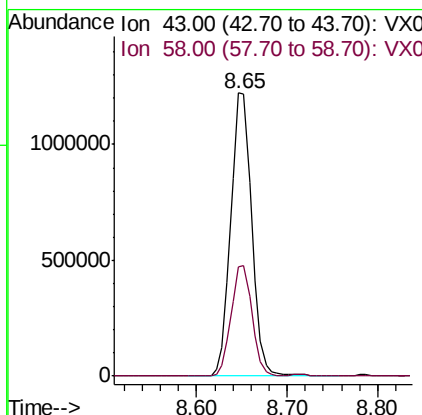
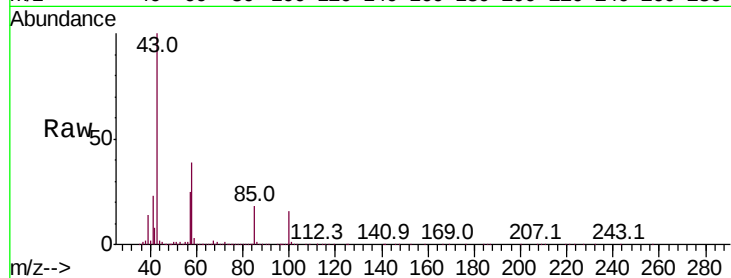
#51
4-Methyl-2-Pentanone
Concen: 274.697 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1968209
Ion Ratio Lower Upper
43 100
58 38.9 31.8 47.6

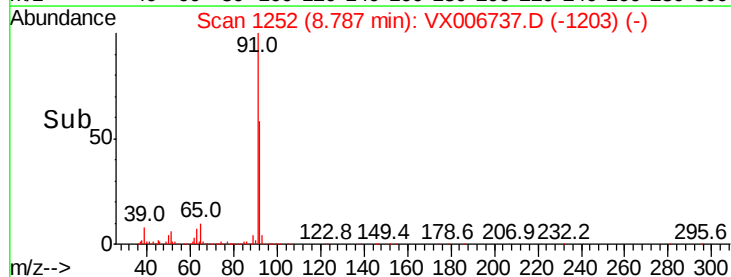
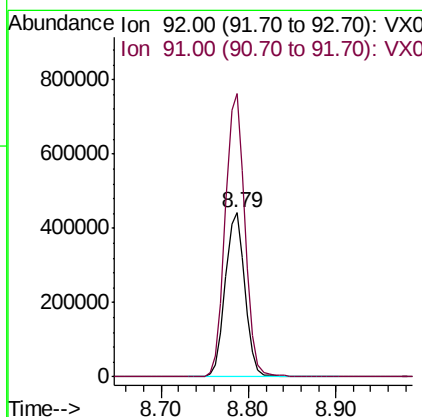
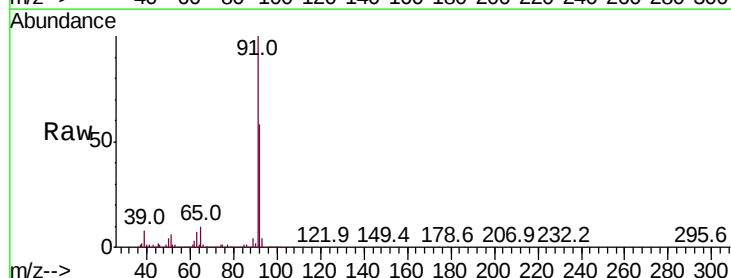
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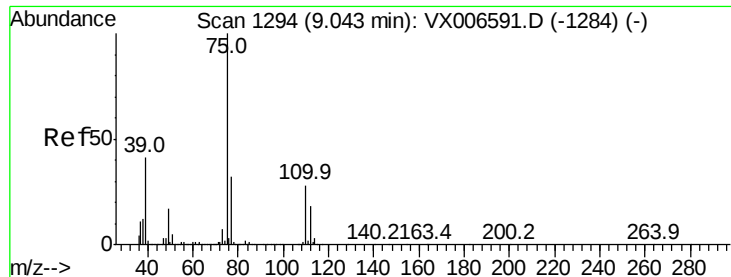
MMDadoda
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#52
Toluene
Concen: 49.183 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion: 92 Resp: 686785
Ion Ratio Lower Upper
92 100
91 173.2 137.6 206.4





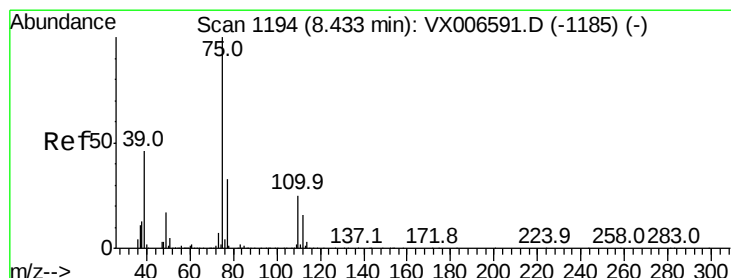
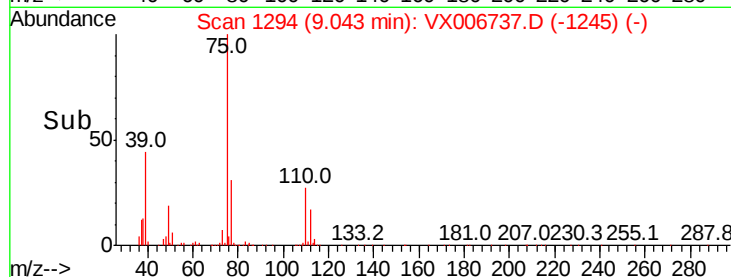
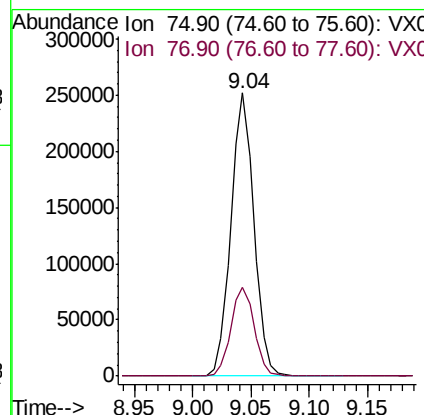
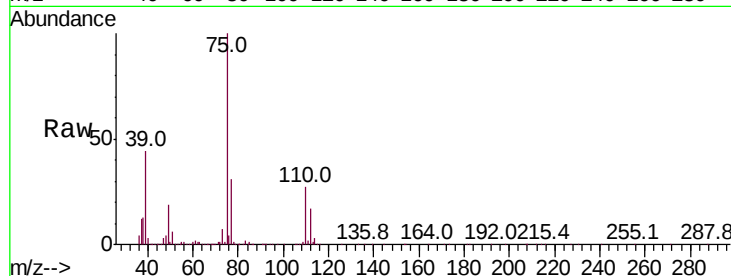
#53
t-1,3-Dichloropropene
Concen: 50.254 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

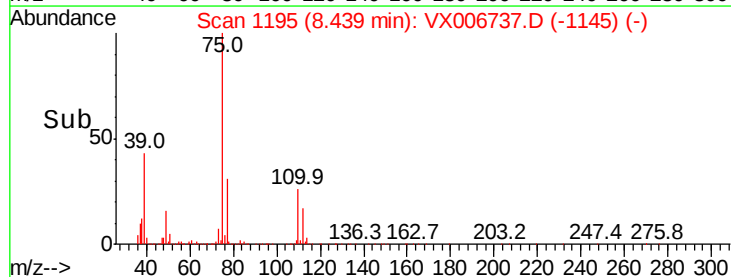
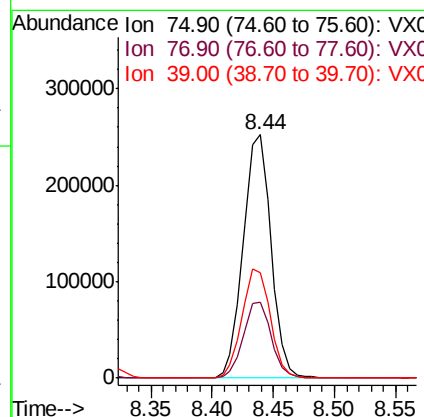
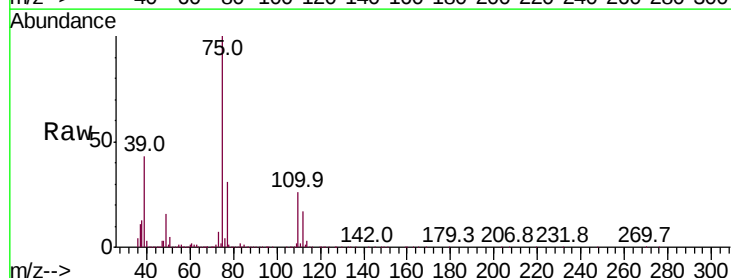
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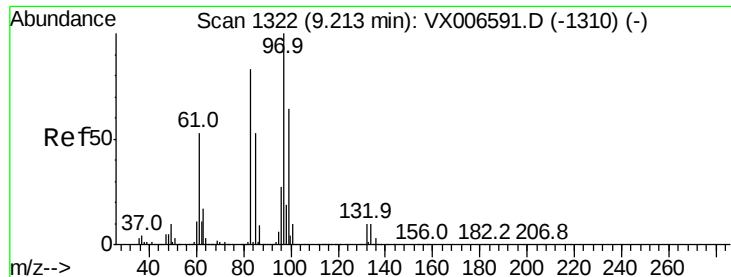
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#54
cis-1,3-Dichloropropene
Concen: 52.901 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.2
39	43.0	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 51.324 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

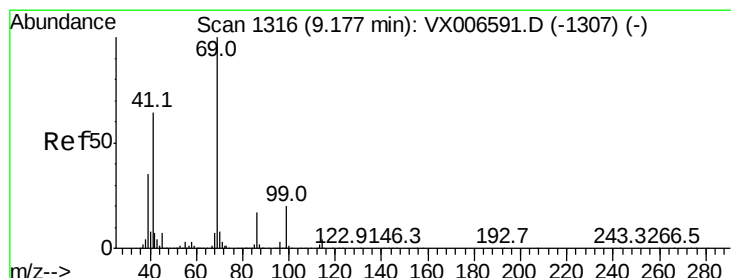
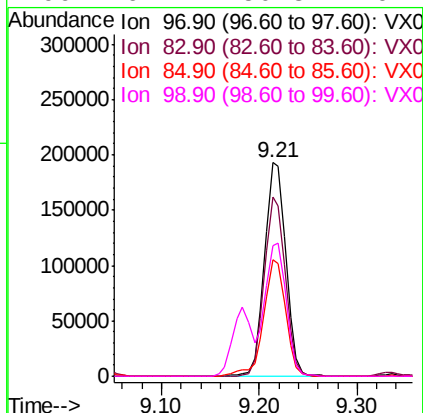
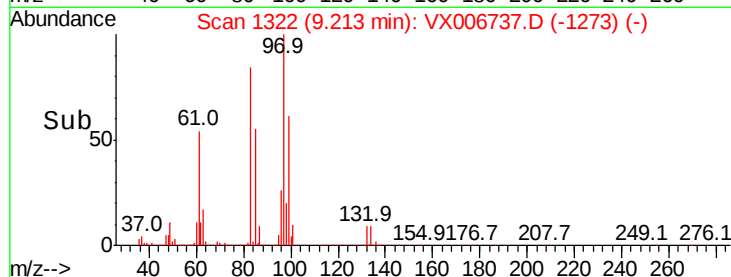
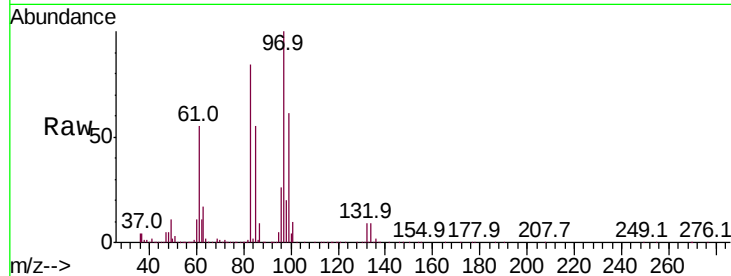
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.6	99.8
85	54.5	42.7	64.1
99	61.4	50.8	76.2

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#56

Ethyl methacrylate

Concen: 51.750 ug/l

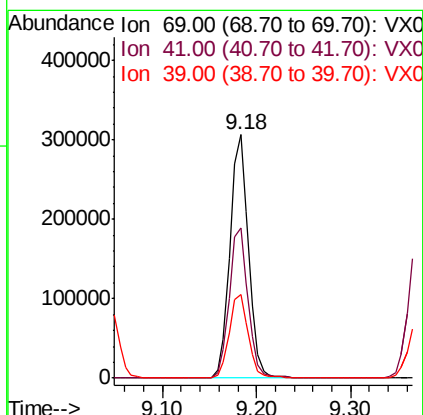
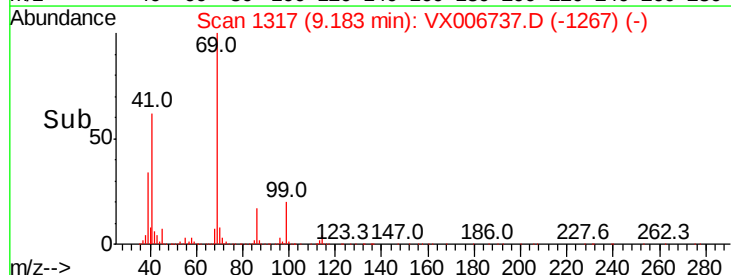
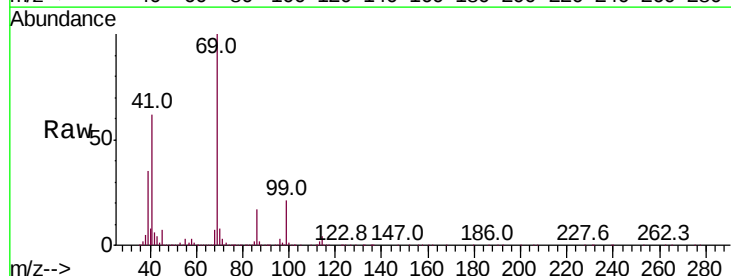
RT: 9.18 min Scan# 1317

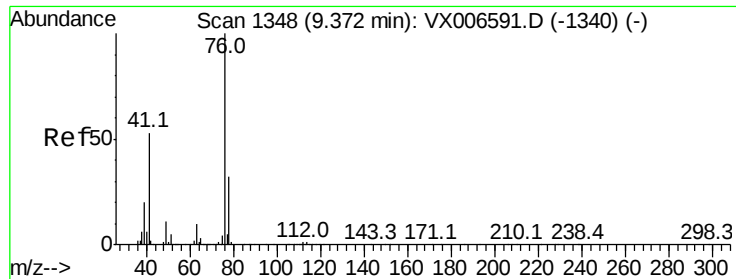
Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.4	48.7	73.1
39	34.7	27.0	40.6





#57

1,3-Dichloropropane

Concen: 50.435 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 463786

Ion Ratio Lower Upper

76 100

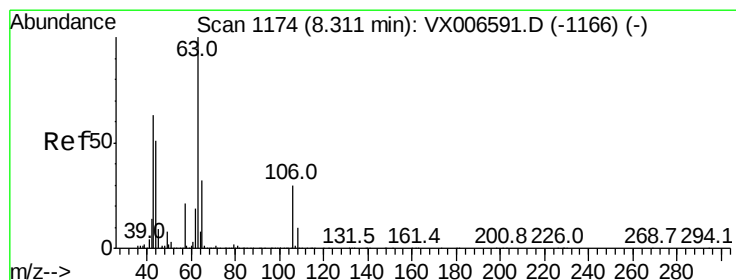
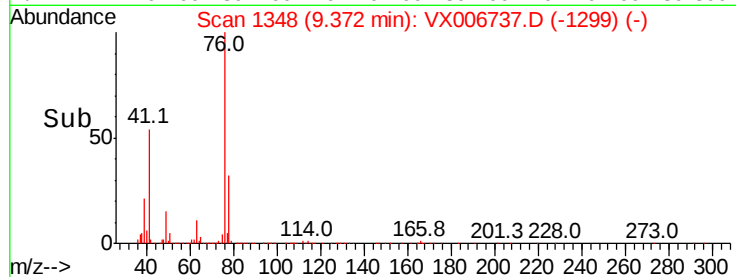
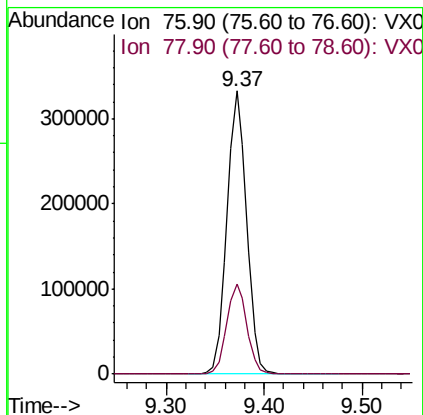
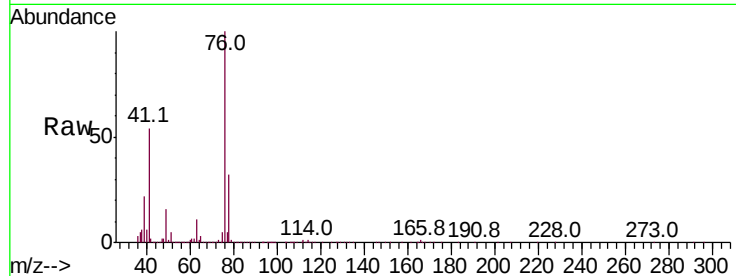
78 32.6 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 250.390 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006737.D

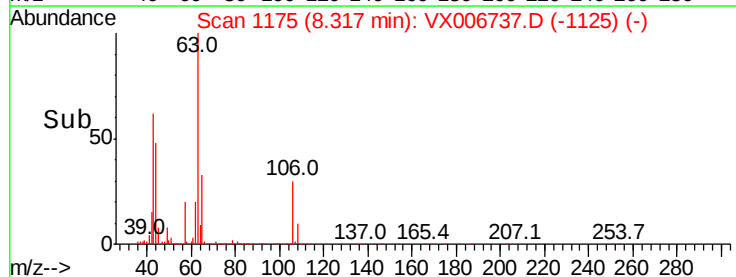
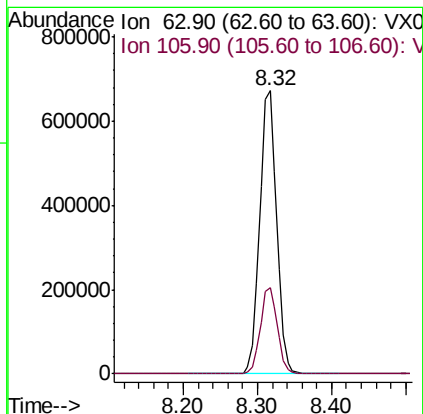
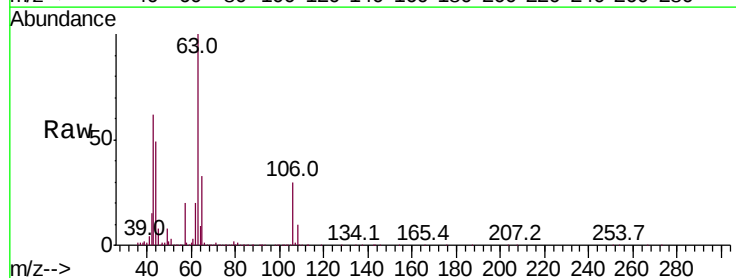
Acq: 21 Dec 2018 21:44

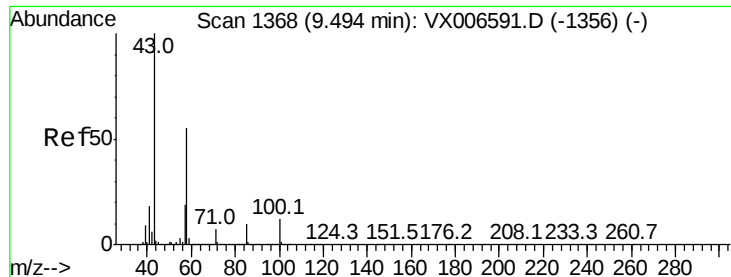
Tgt Ion: 63 Resp: 1075215

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8





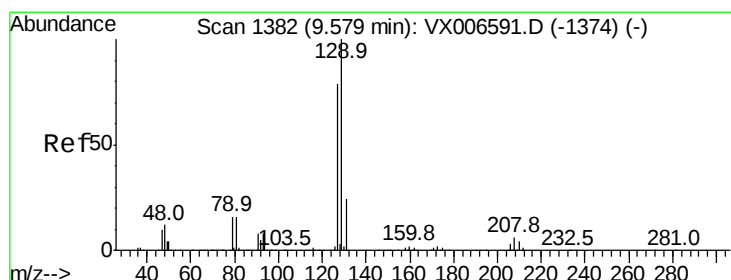
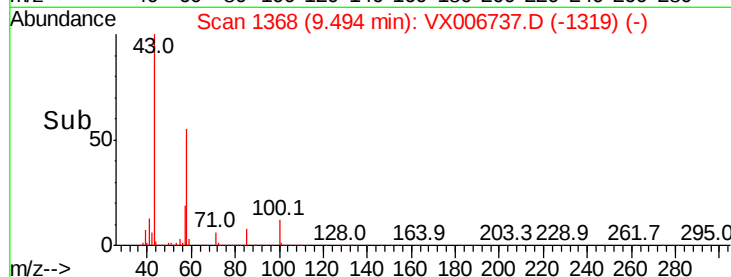
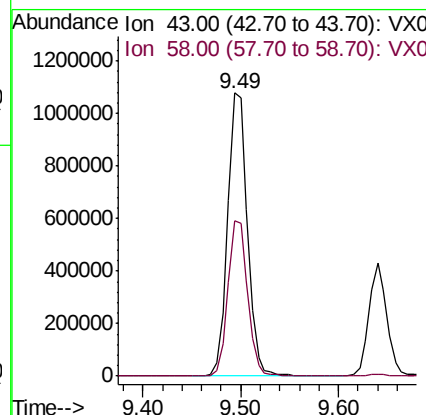
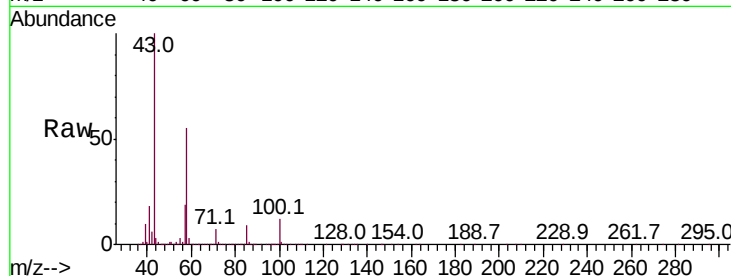
#59
2-Hexanone
Concen: 276.324 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1514832
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

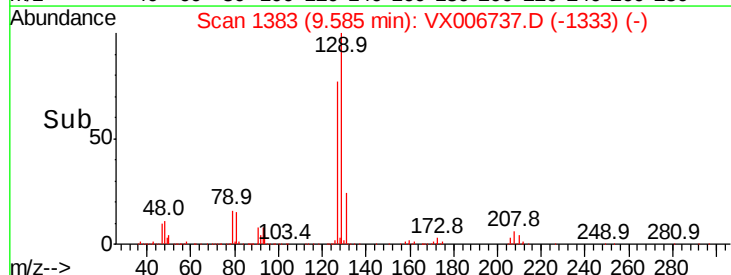
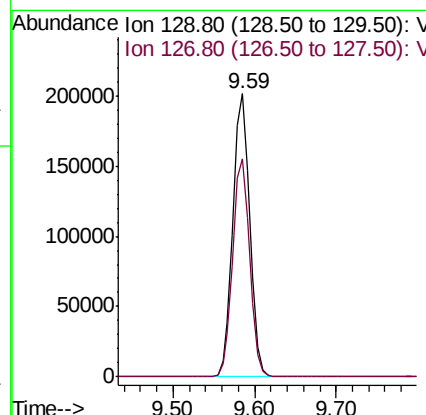
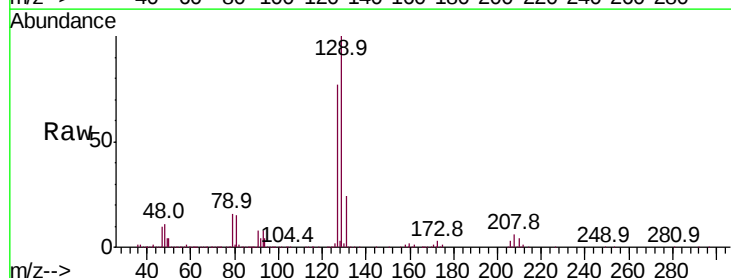
Manual Integrations
APPROVED

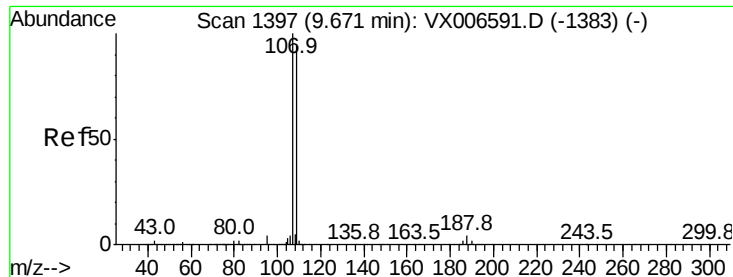
MMDadoda
12/22/2018 11:15:30 AM



#60
Dibromochloromethane
Concen: 47.817 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion: 129 Resp: 285207
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.974 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 315786

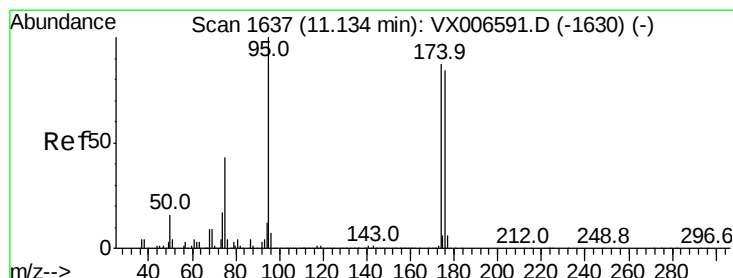
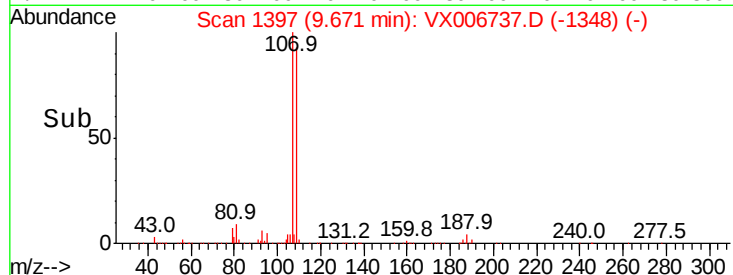
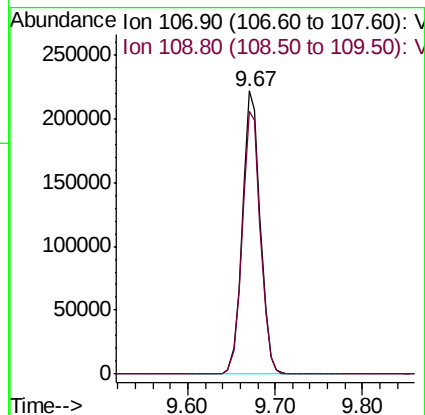
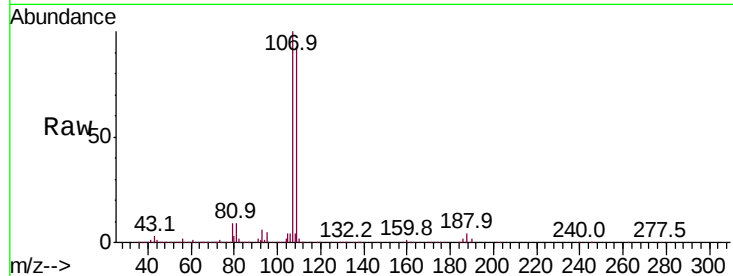
Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6

Manual Integrations
APPROVED

MMDadoda
12/22/2018 11:15:30 AM



#62

4-Bromofluorobenzene

Concen: 46.592 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

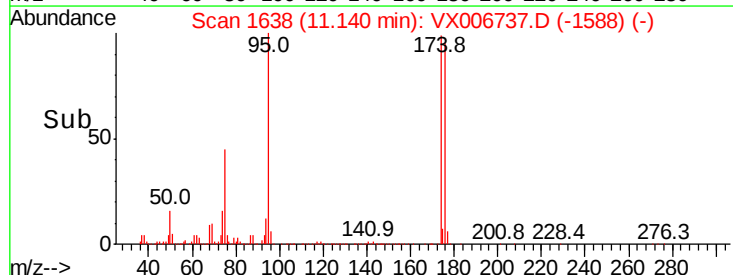
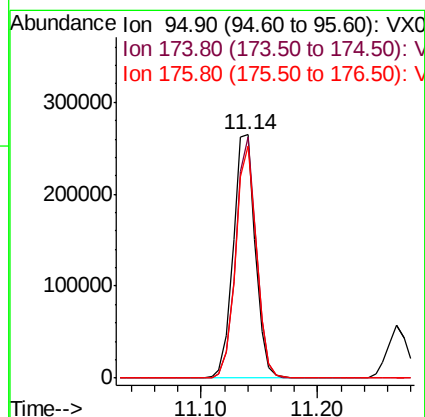
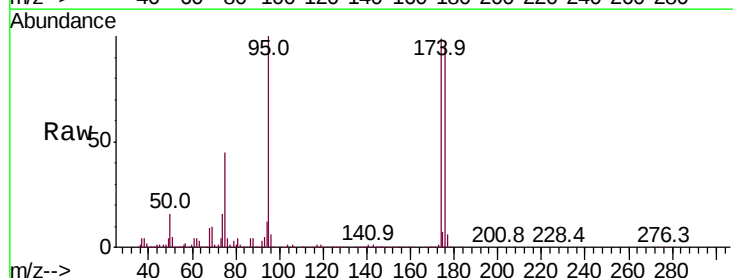
Tgt Ion: 95 Resp: 349276

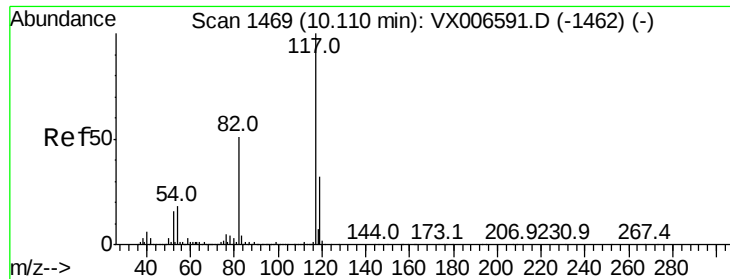
Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

176 90.5 0.0 178.8





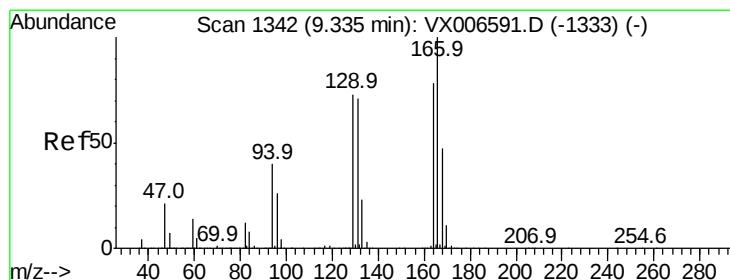
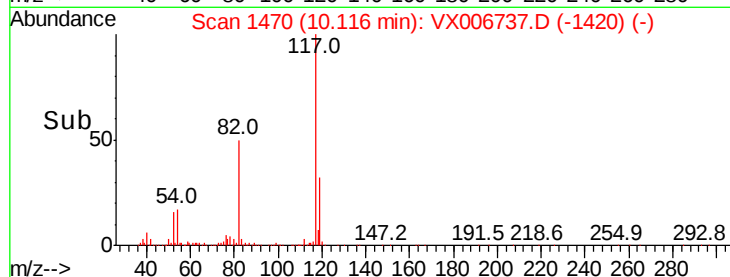
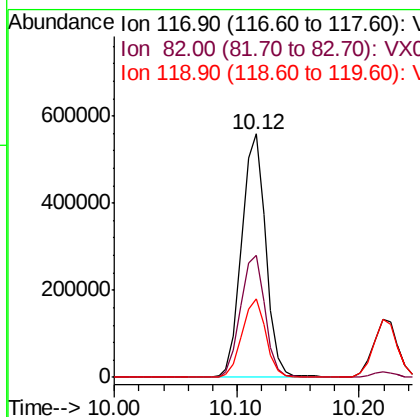
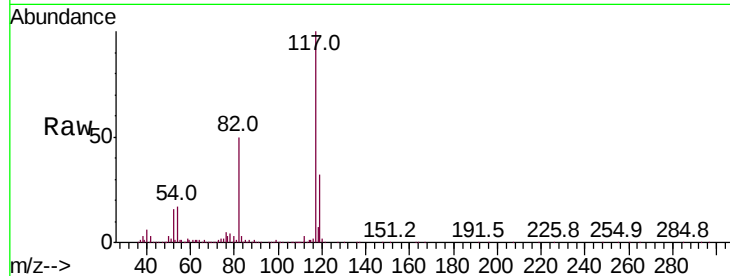
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	50.2	41.0	61.6
119	32.0	25.4	38.0

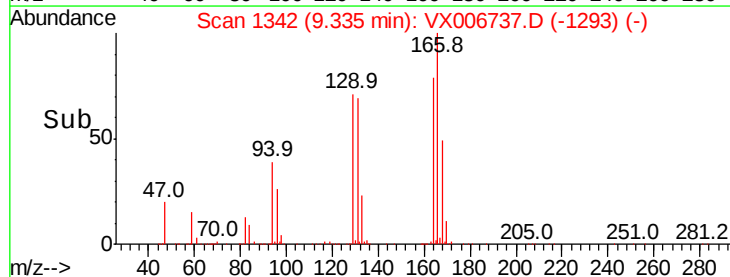
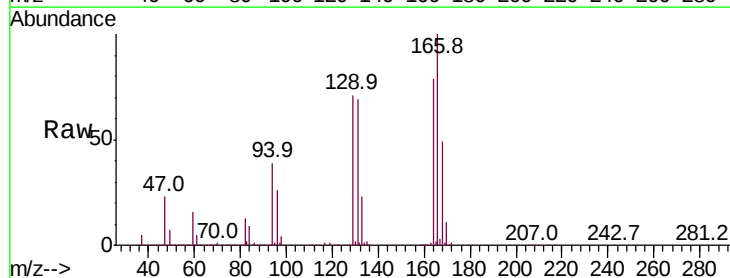
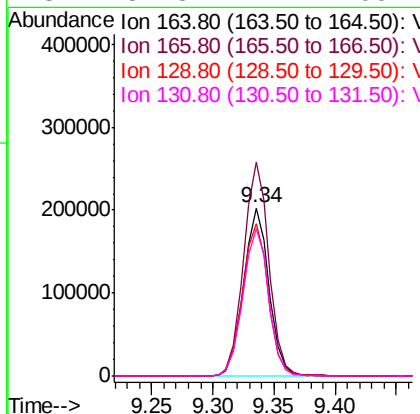
Manual Integrations
APPROVED

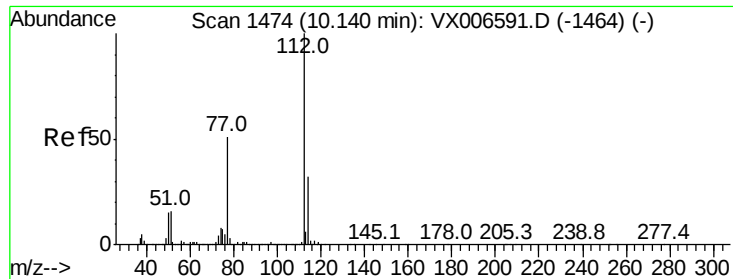
MMDadoda
12/22/2018 11:15:30 AM



#64
Tetrachloroethene
Concen: 48.513 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	127.4	102.5	153.7
129	90.7	75.1	112.7
131	87.8	72.7	109.1





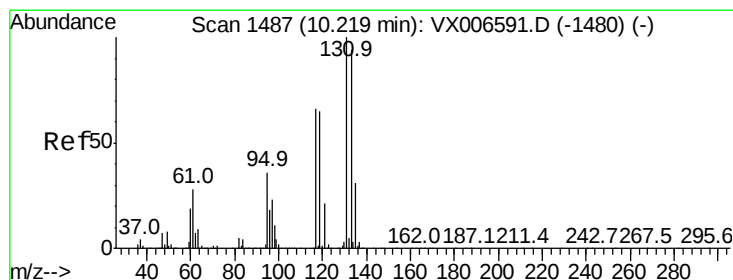
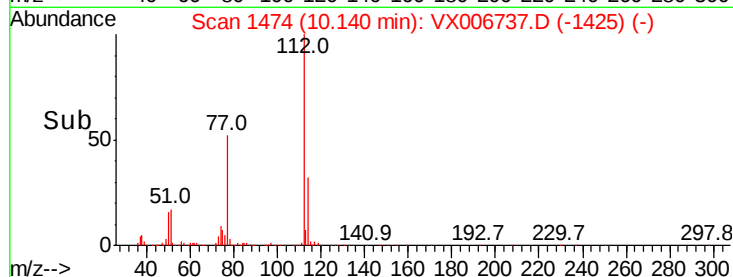
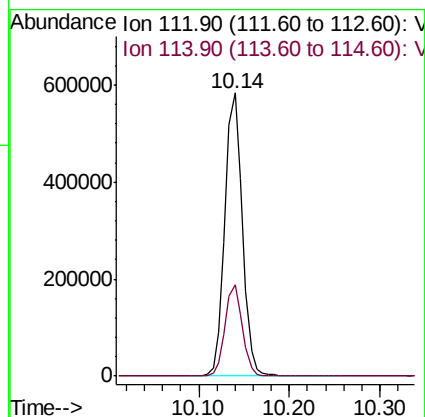
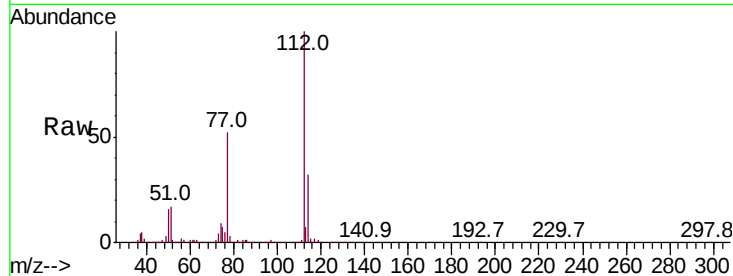
#65
Chlorobenzene
Concen: 49.031 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

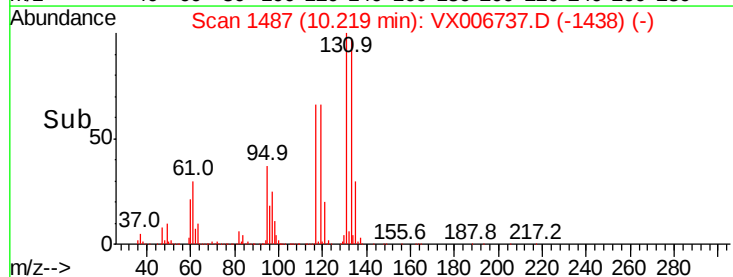
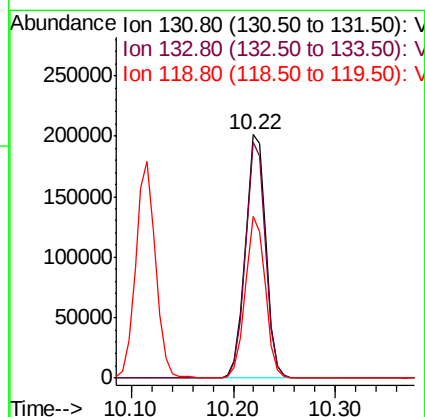
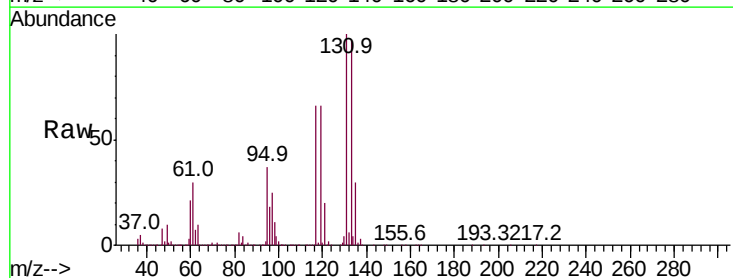
Manual Integrations
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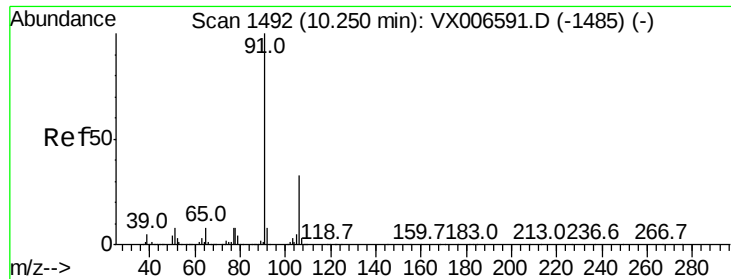
MMDadoda
12/22/2018 11:15:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.490 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	48.0	144.2
119	64.6	32.6	97.8





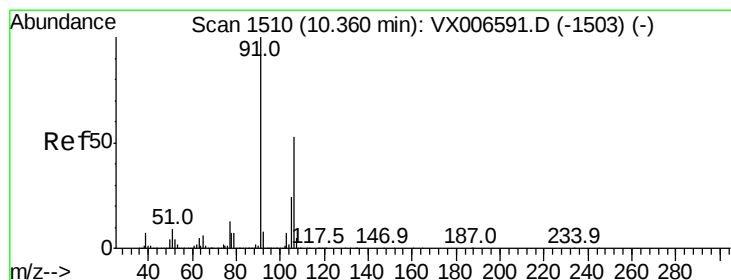
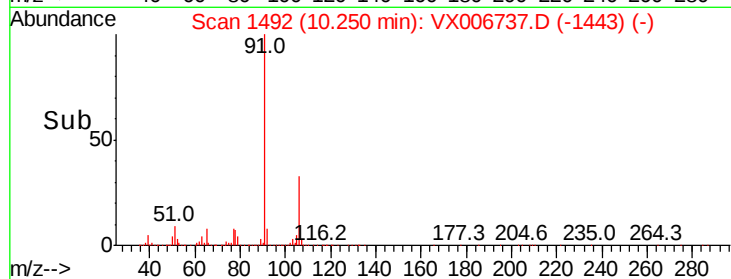
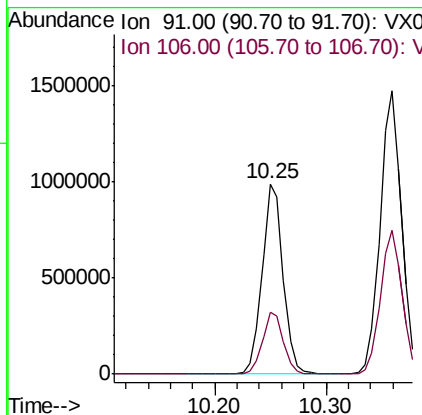
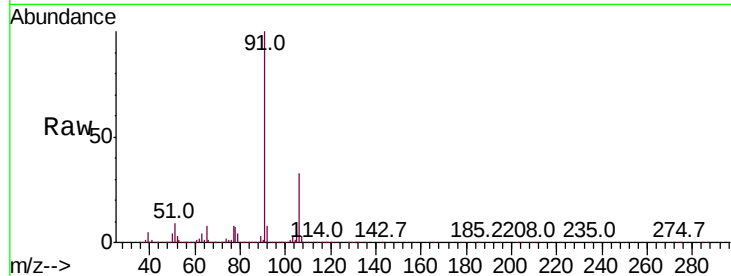
#67
Ethyl Benzene
Concen: 49.640 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1303986
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6

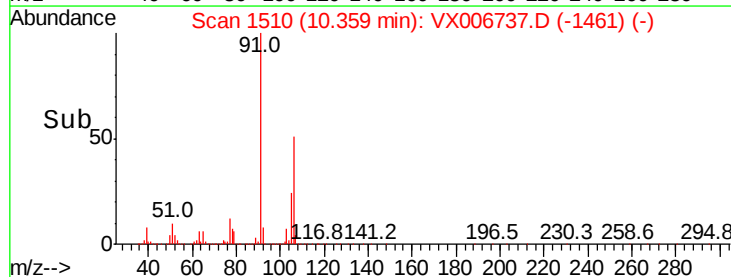
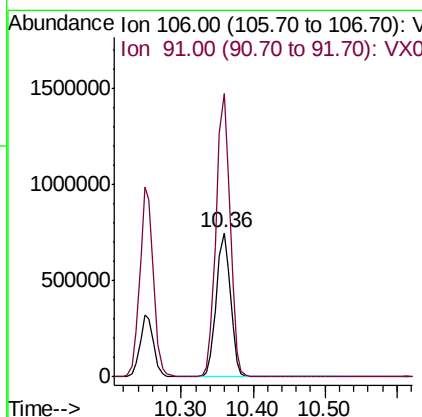
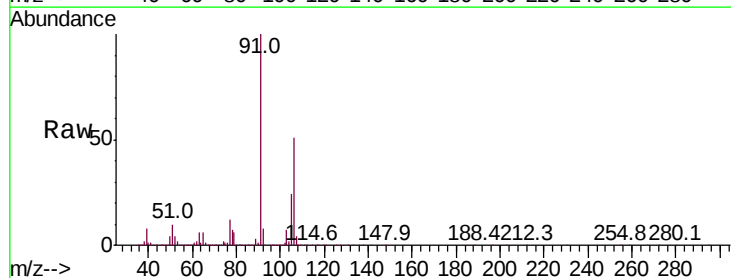
Manual Integrations
APPROVED

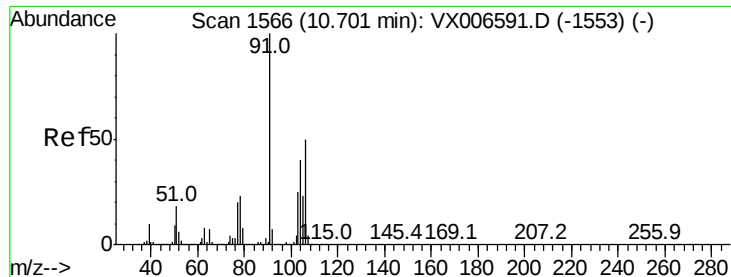
MMDadoda
12/22/2018 11:15:30 AM



#68
m/p-Xylenes
Concen: 98.781 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion: 106 Resp: 1023933
Ion Ratio Lower Upper
106 100
91 194.2 155.8 233.6





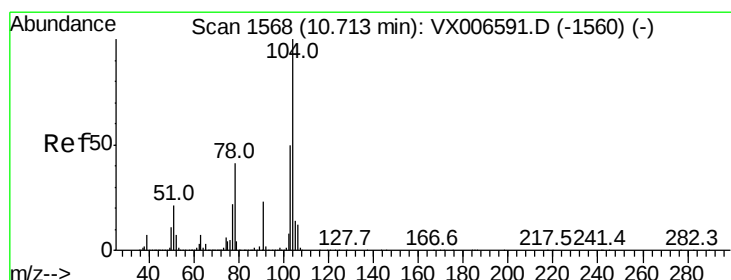
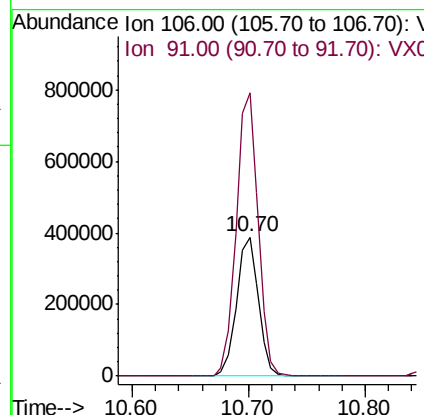
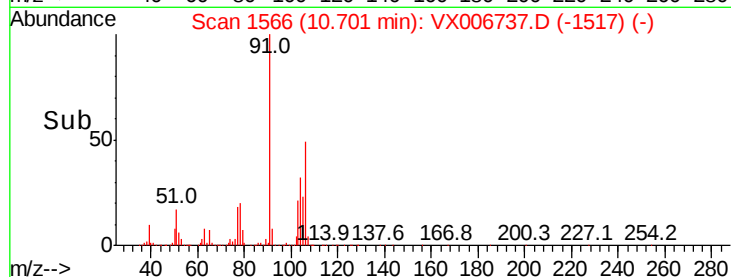
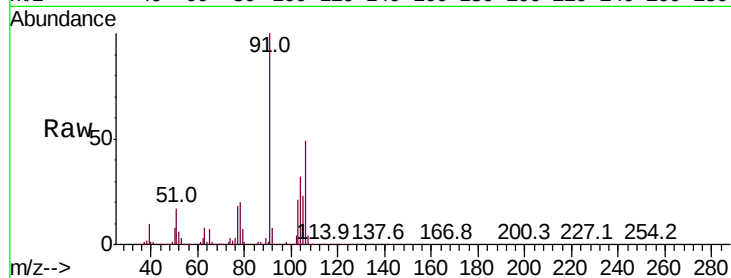
#69
o-Xylene
Concen: 49.529 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.1	101.3	303.7

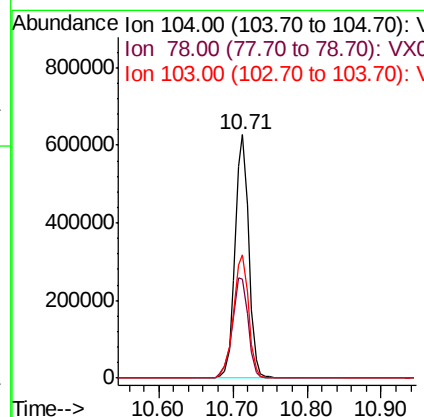
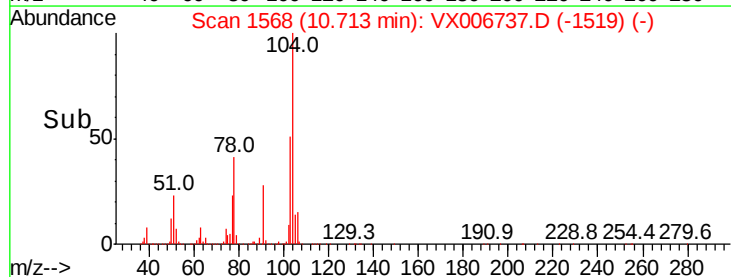
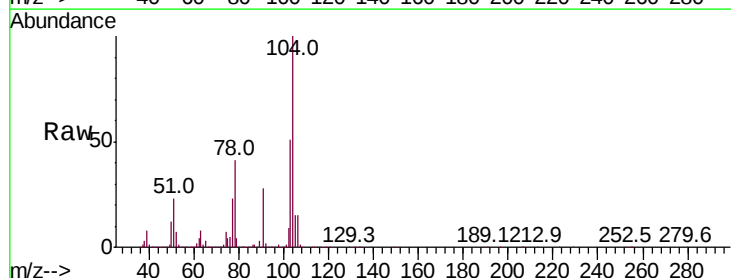
Manual Integrations
APPROVED

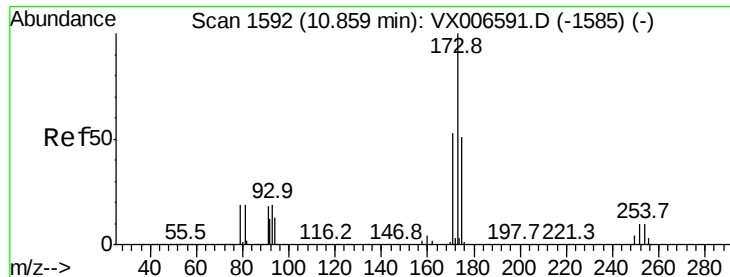
MMDadoda
12/22/2018 11:15:30 AM



#70
Styrene
Concen: 50.245 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	37.7	56.5
103	55.8	43.8	65.8





#71

Bromoform

Concen: 45.845 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

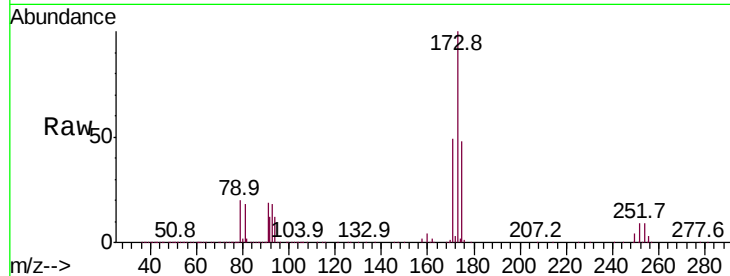
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	205568
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

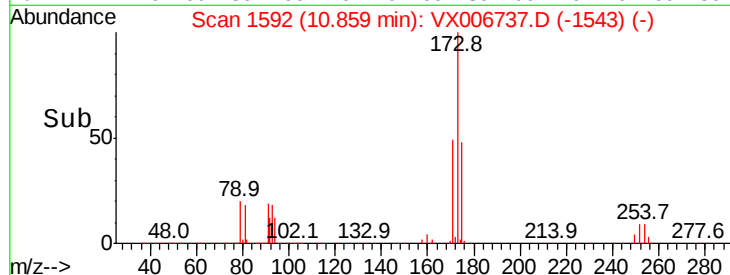
Manual Integrations
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12/22/2018 11:15:30 AM

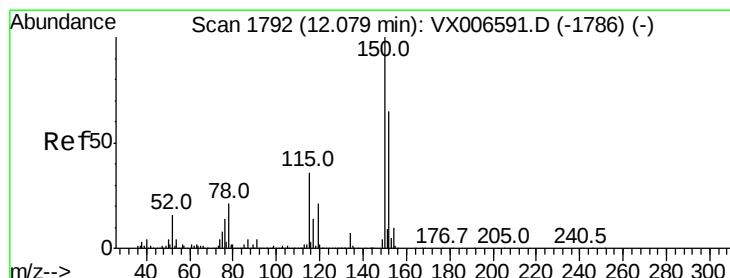


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

10.86



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

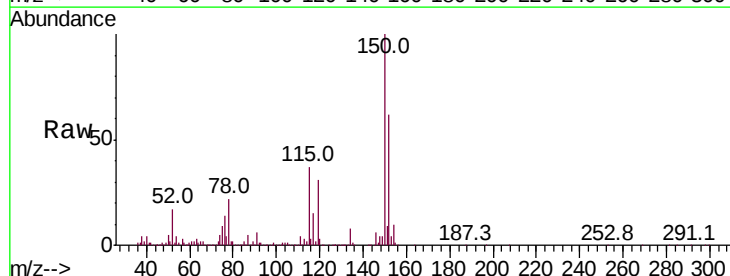
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006737.D

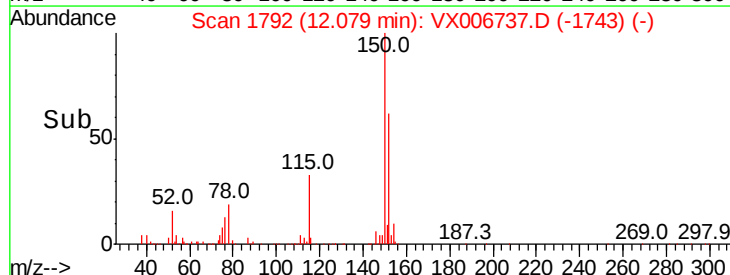
Acq: 21 Dec 2018 21:44

Tgt Ion:	152	Resp:	386906
Ion Ratio	Lower	Upper	
152	100		
115	79.0	39.1	117.2
150	173.7	0.0	344.8

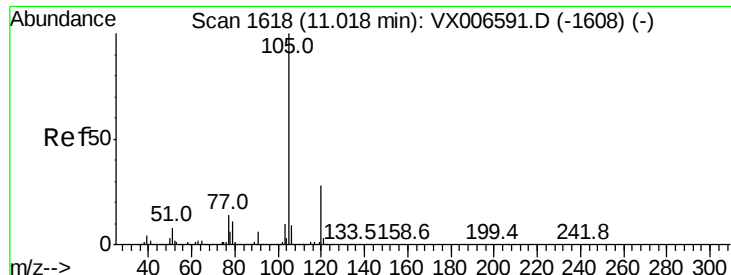


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

12.08



Time-->



#73

Isopropylbenzene

Concen: 50.508 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1336889

Ion Ratio Lower Upper

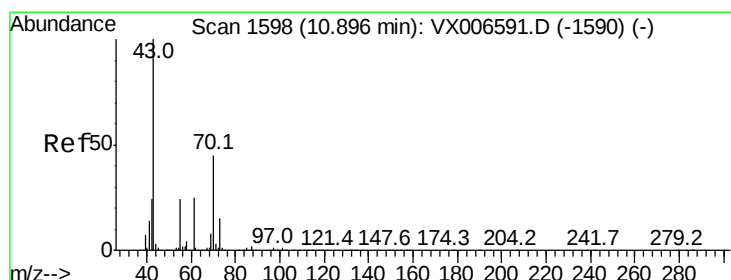
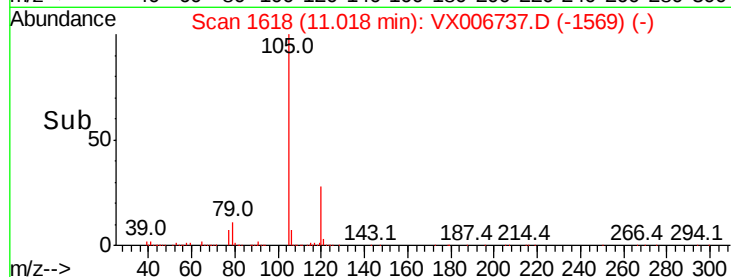
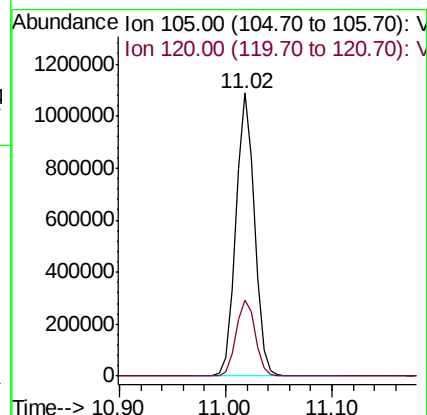
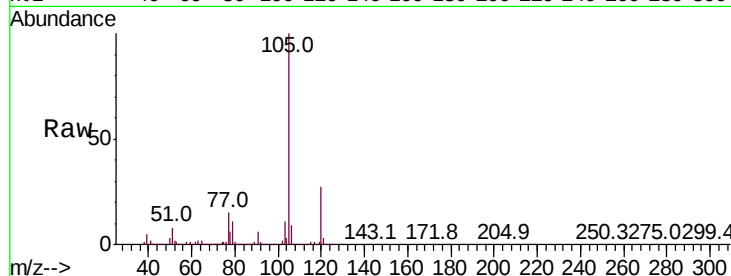
105 100

120 28.0 14.1 42.4

Manual Integrations
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12/22/2018 11:15:30 AM



#74

N-ethyl acetate

Concen: 56.538 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion: 43 Resp: 535660

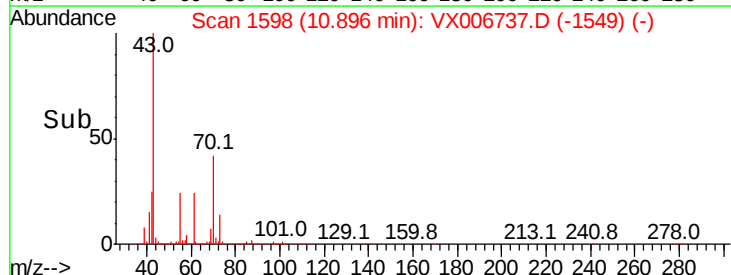
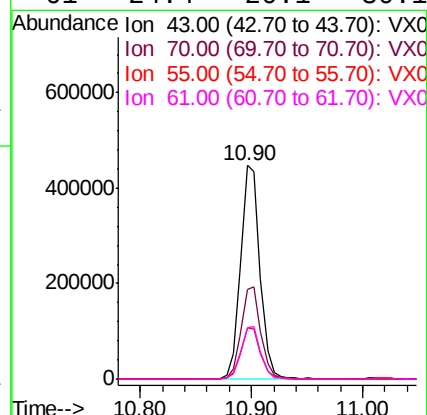
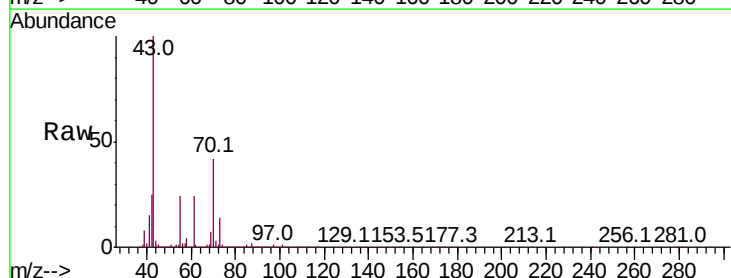
Ion Ratio Lower Upper

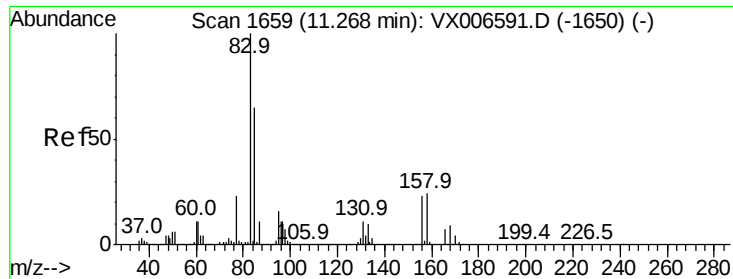
43 100

70 43.9 35.8 53.8

55 24.3 19.4 29.0

61 24.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.748 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 438846

Ion Ratio Lower Upper

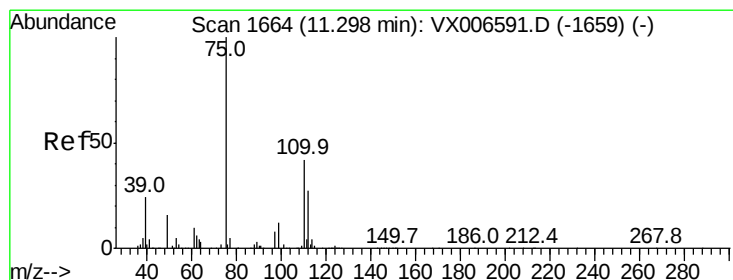
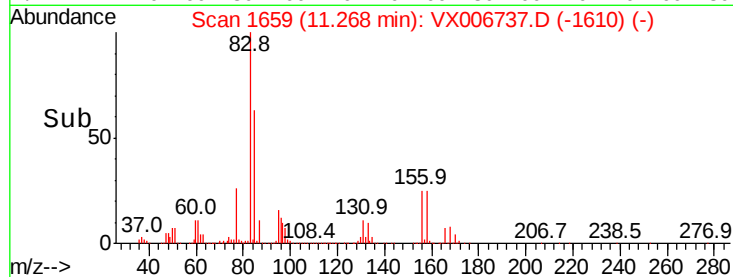
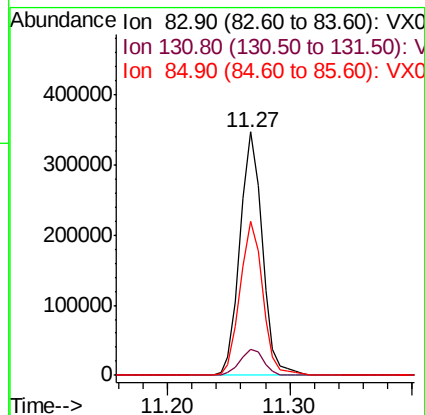
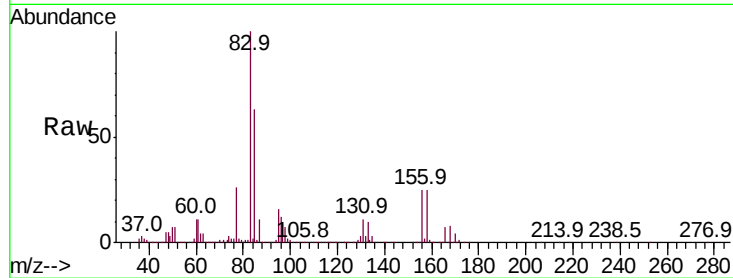
83 100

131 11.3 5.7 17.1

85 64.2 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.840 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006737.D

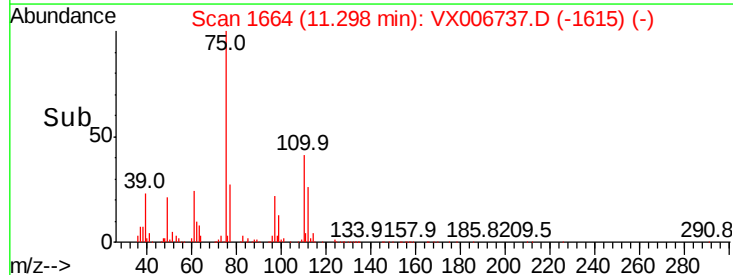
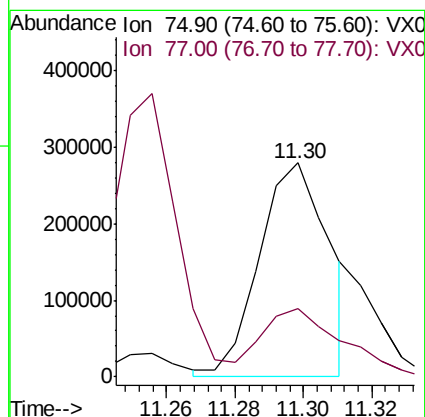
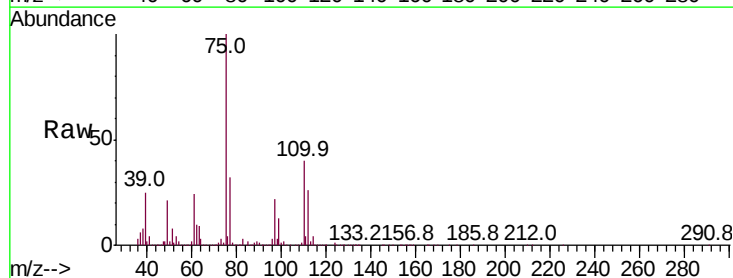
Acq: 21 Dec 2018 21:44

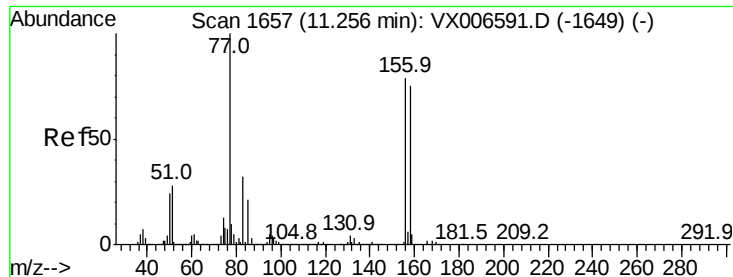
Tgt Ion: 75 Resp: 394320

Ion Ratio Lower Upper

75 100

77 37.0 18.5 55.5





#77

Bromobenzene

Concen: 49.791 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

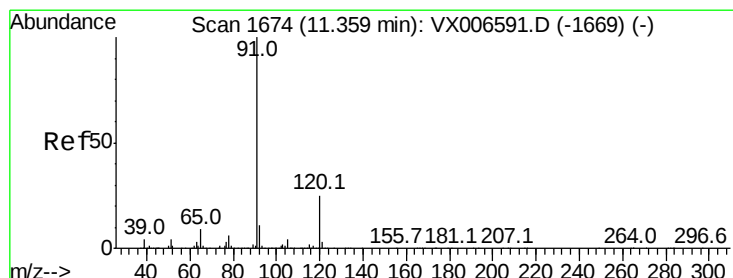
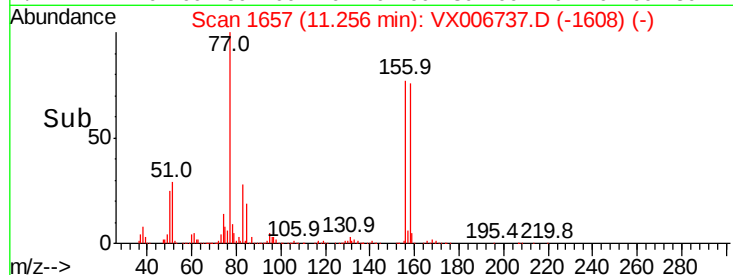
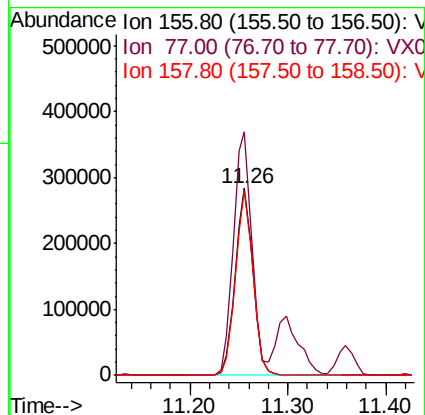
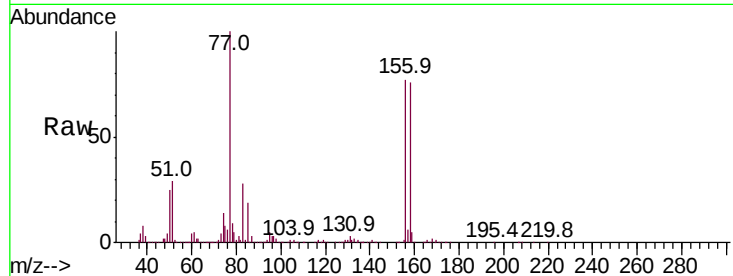
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	356307
Ion Ratio	Lower	Upper	
156	100		
77	136.2	68.0	204.0
158	97.9	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.875 ug/l

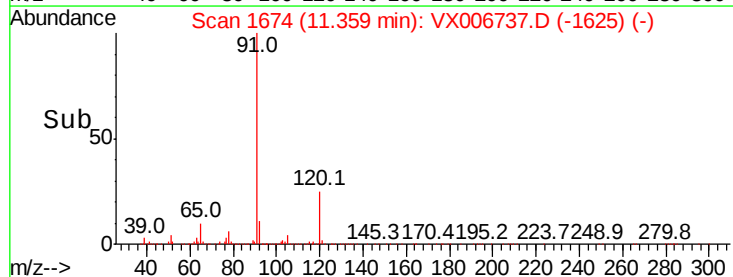
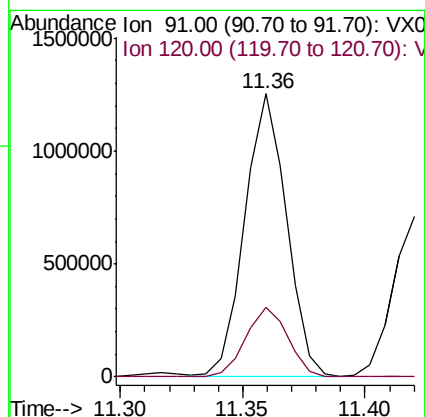
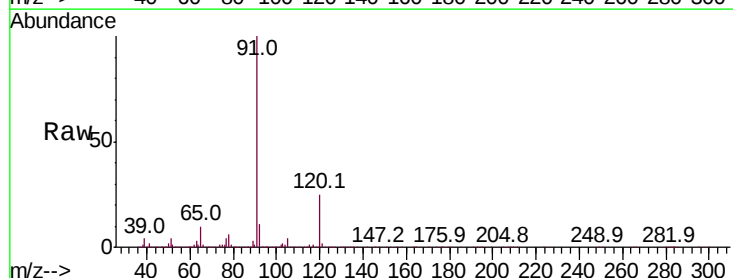
RT: 11.36 min Scan# 1674

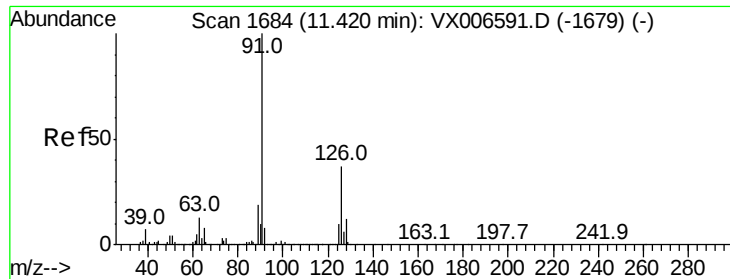
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	91	Resp:	1482880
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.7	38.0





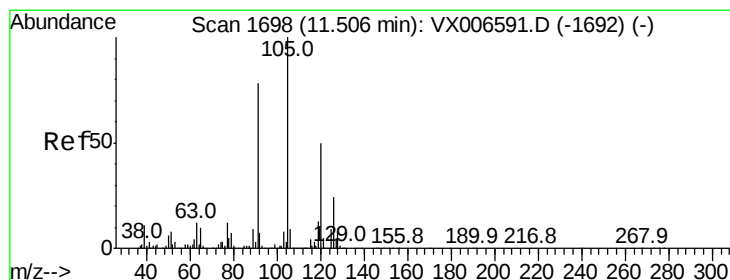
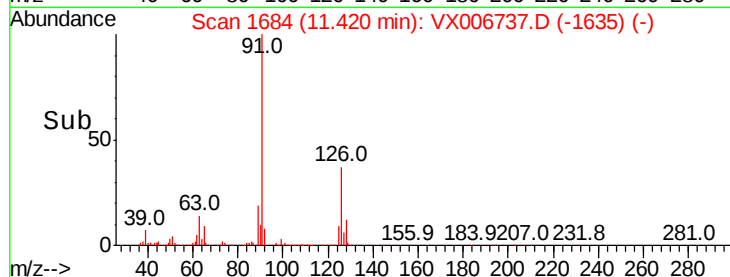
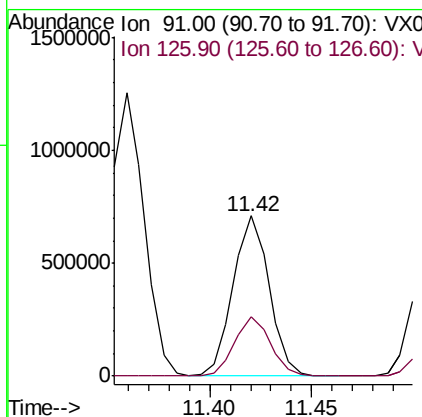
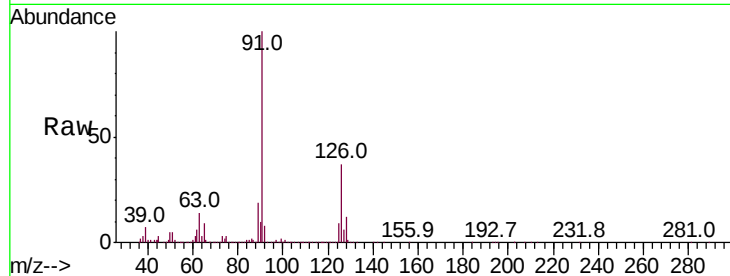
#79
 2-Chlorotoluene
 Concen: 48.938 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX006737.D
 Acq: 21 Dec 2018 21:44

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 864438
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.6 56.0

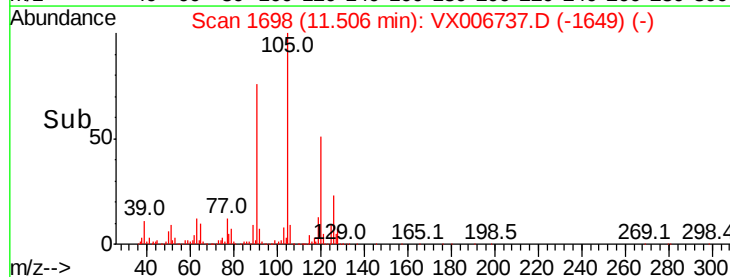
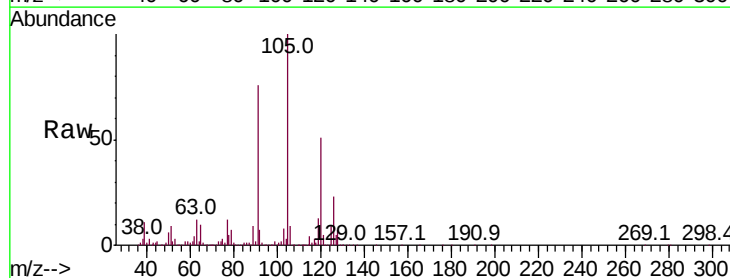
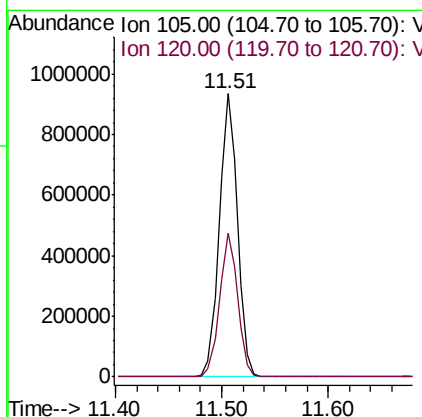
Manual Integrations
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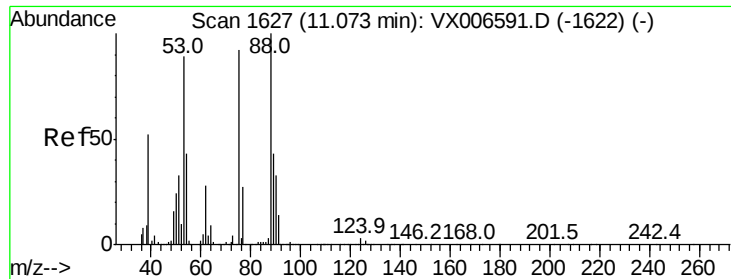
MMDadoda
 12/22/2018 11:15:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.772 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006737.D
 Acq: 21 Dec 2018 21:44

Tgt Ion: 105 Resp: 1106901
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 43.417 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

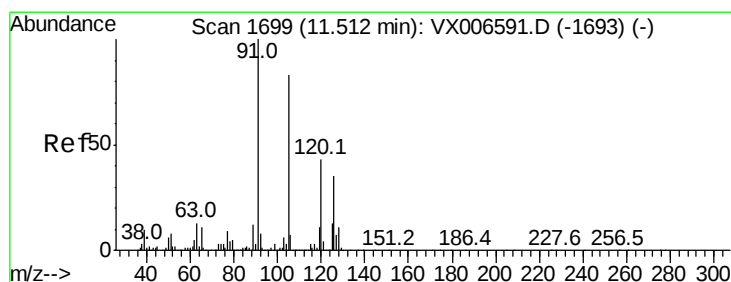
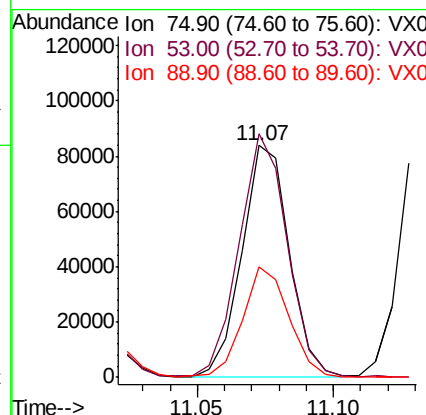
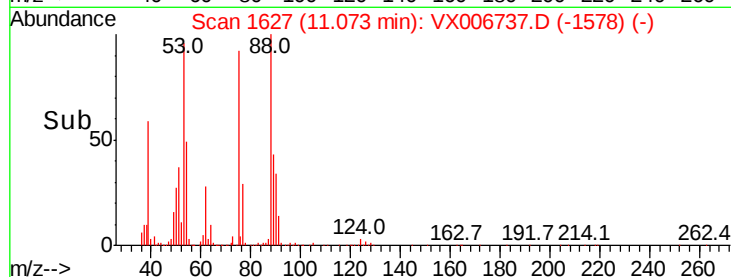
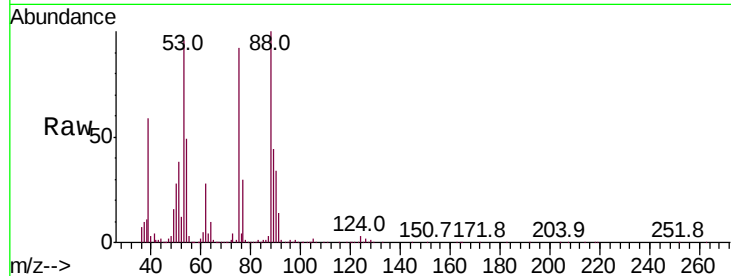
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	101142
Ion Ratio	Lower	Upper	
75	100		
53	105.9	79.7	119.5
89	46.5	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.765 ug/l

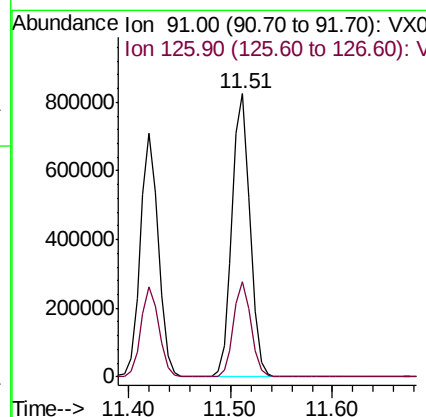
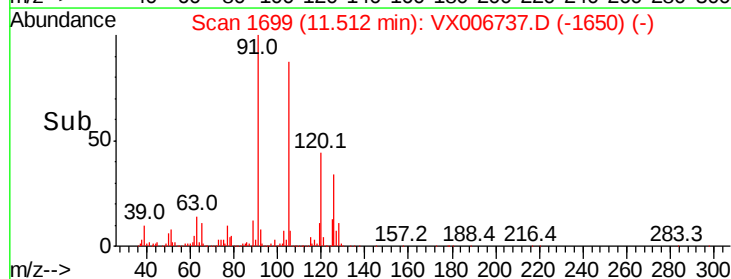
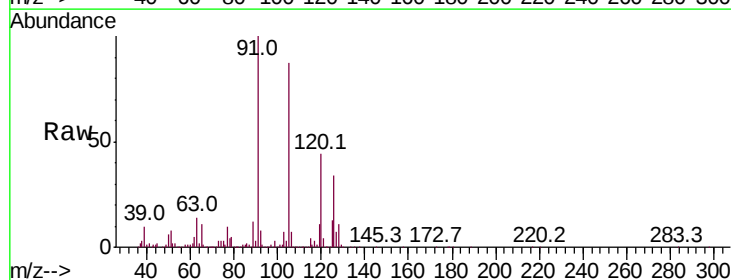
RT: 11.51 min Scan# 1699

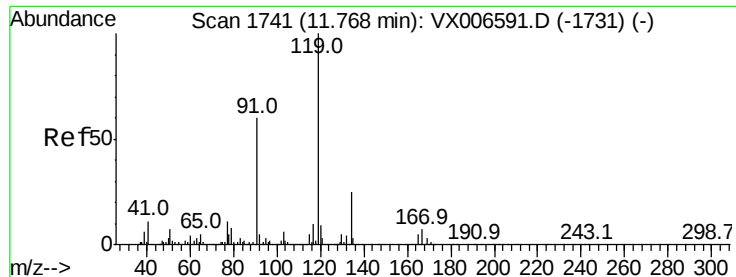
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	91	Resp:	1008309
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 52.036 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

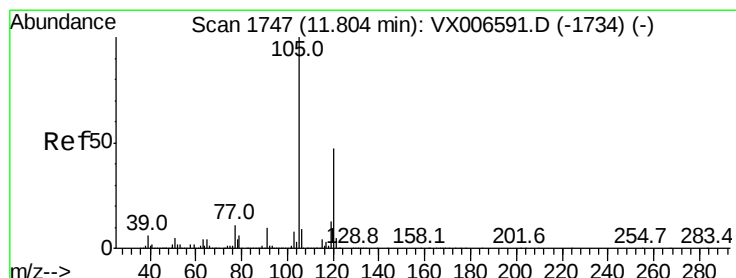
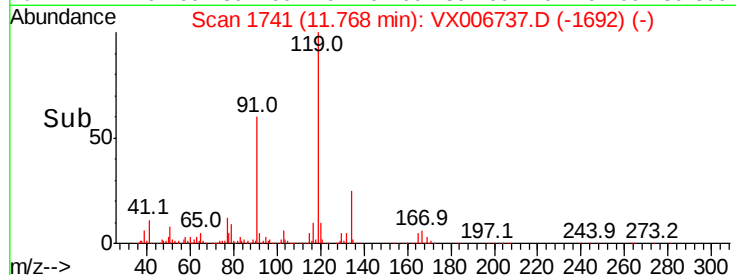
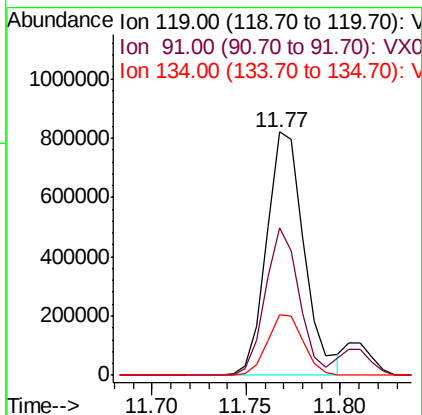
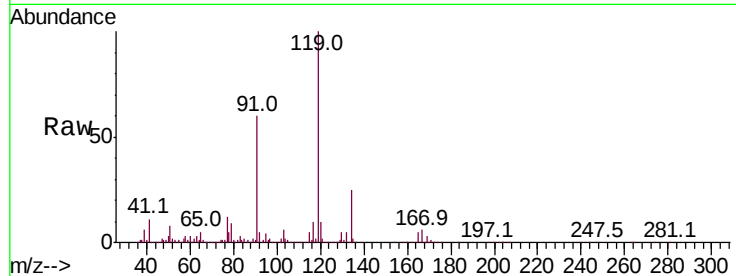
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1135417
Ion Ratio	Lower	Upper	
119	100		
91	54.6	27.7	83.1
134	23.8	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 49.448 ug/l

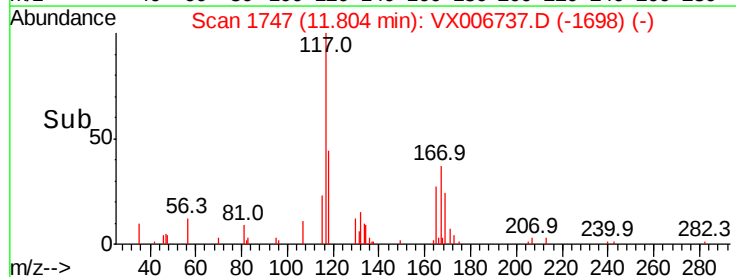
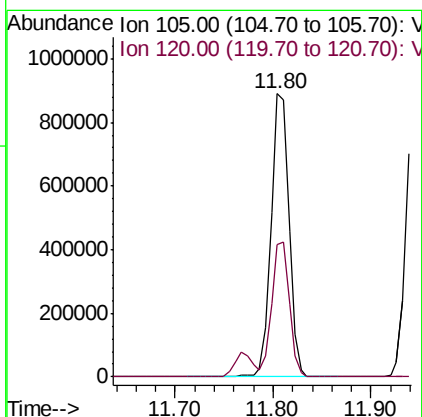
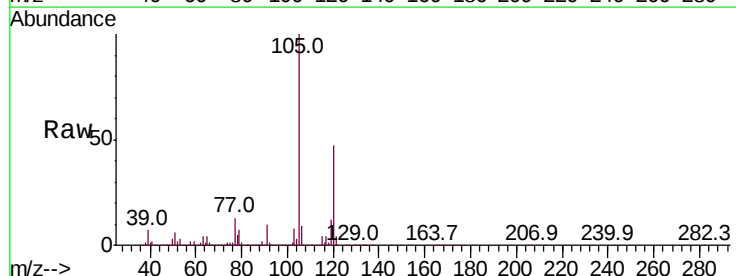
RT: 11.80 min Scan# 1747

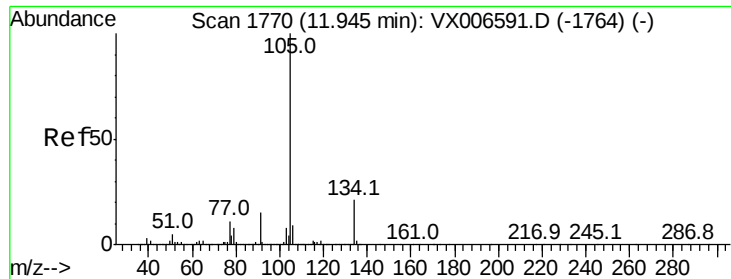
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	105	Resp:	1133919
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 50.419 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1348847

Ion Ratio Lower Upper

105 100

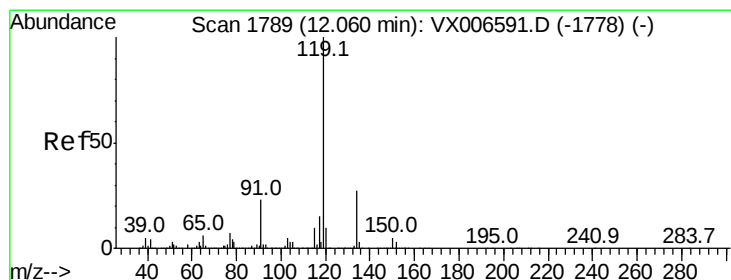
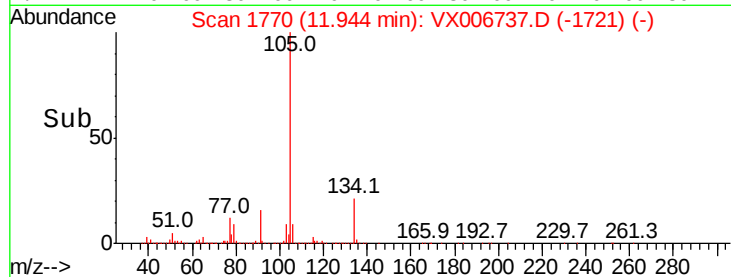
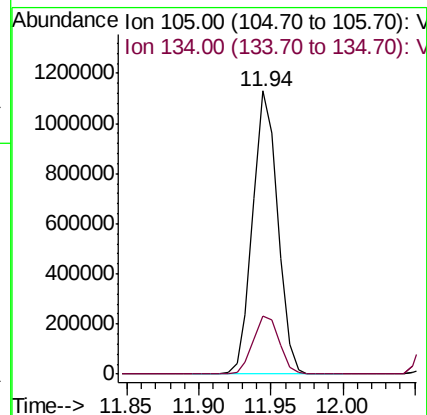
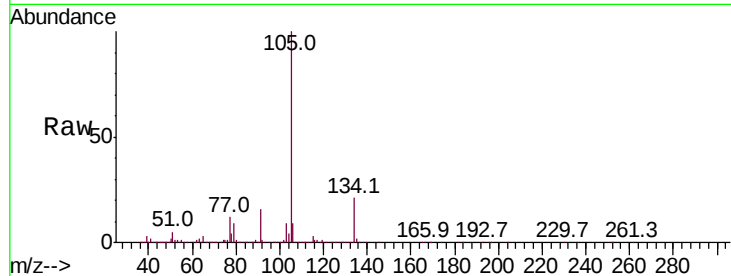
134 21.5 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 51.162 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

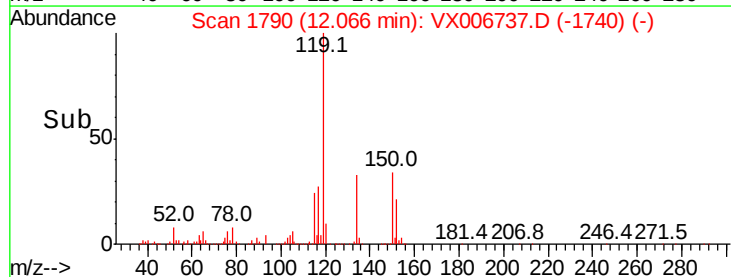
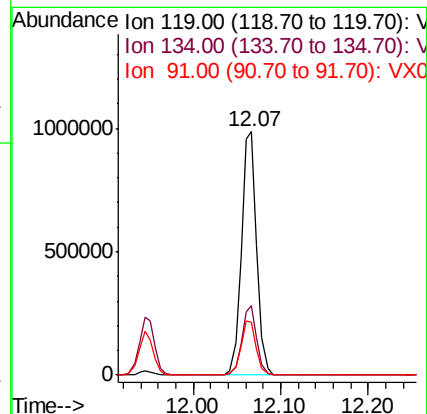
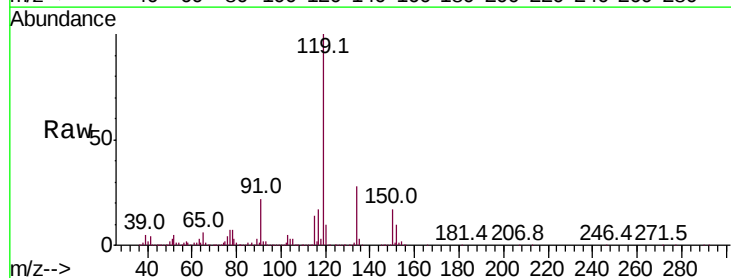
Tgt Ion:119 Resp: 1203150

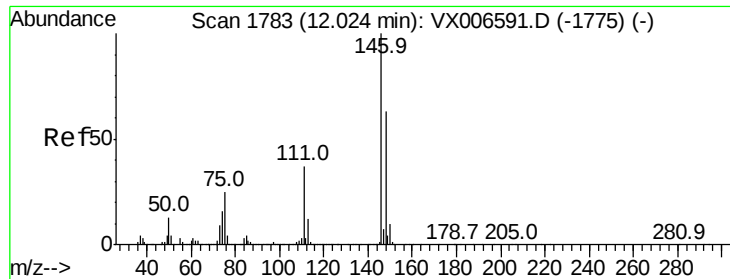
Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.498 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

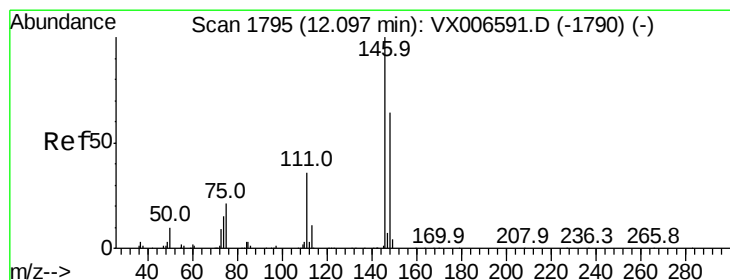
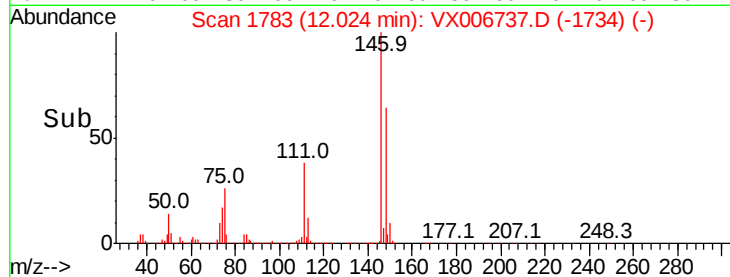
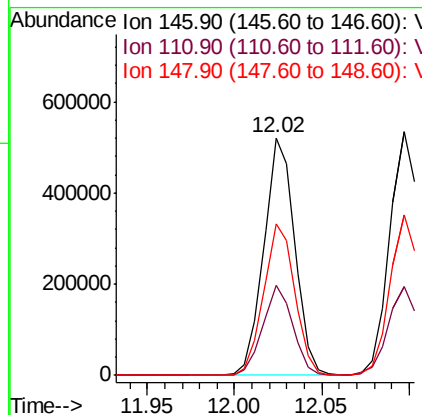
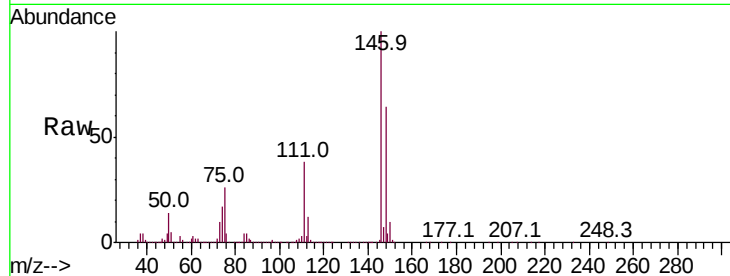
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	638374
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.6	55.8
148	64.4	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 48.504 ug/l

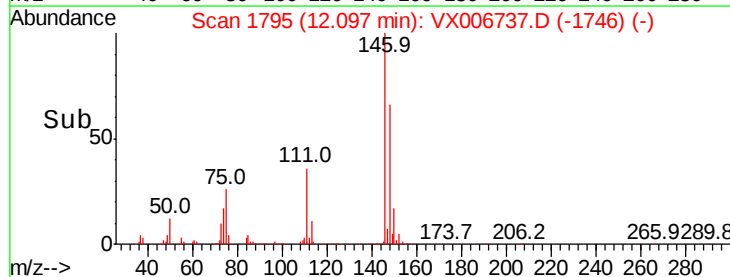
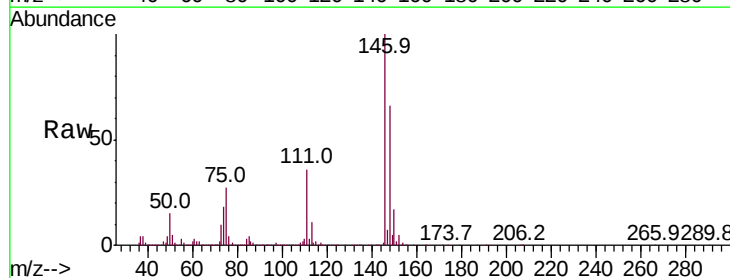
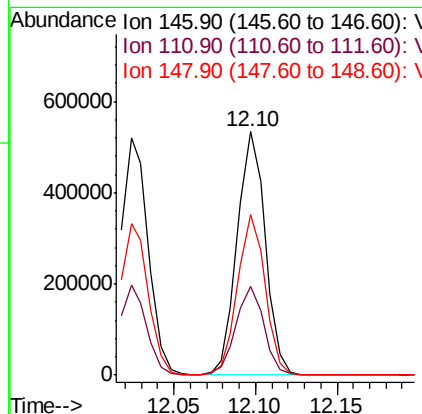
RT: 12.10 min Scan# 1795

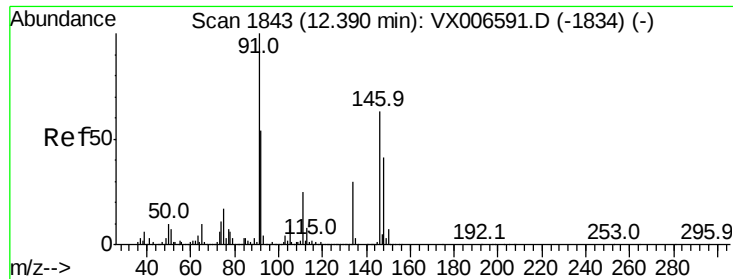
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	146	Resp:	641281
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.1	54.1
148	64.5	31.9	95.9





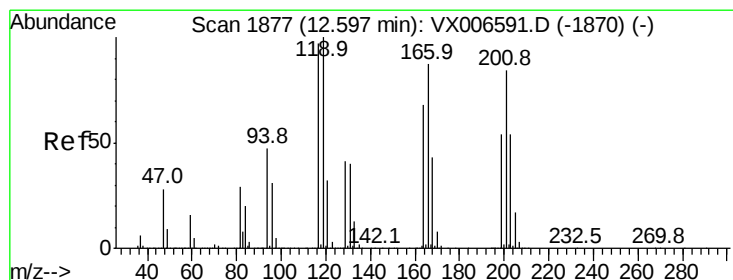
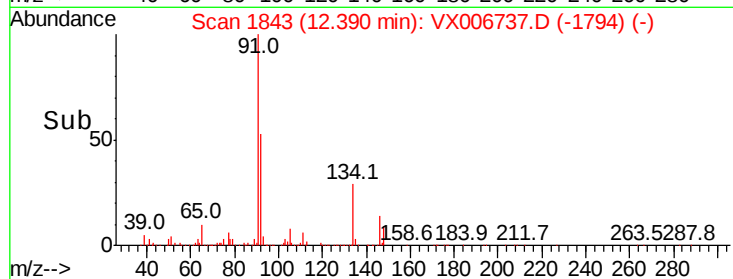
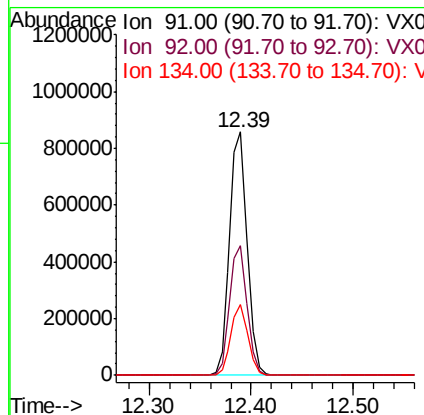
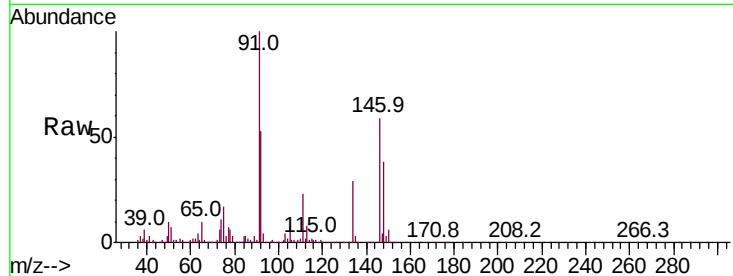
#89
n-Butylbenzene
Concen: 50.692 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.2	14.4	43.2

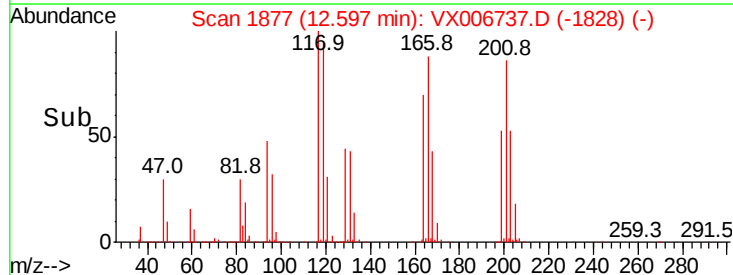
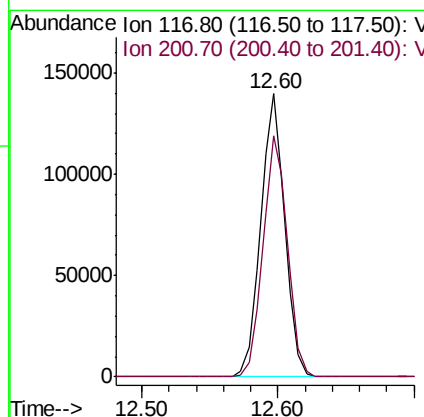
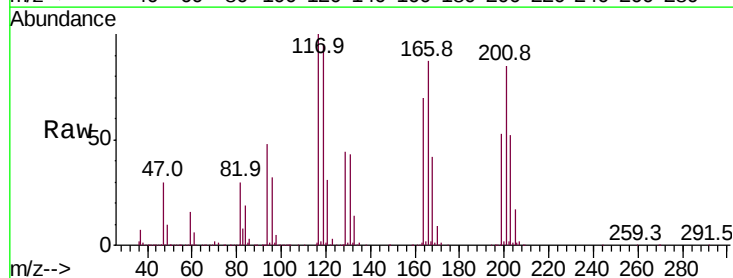
Manual Integrations
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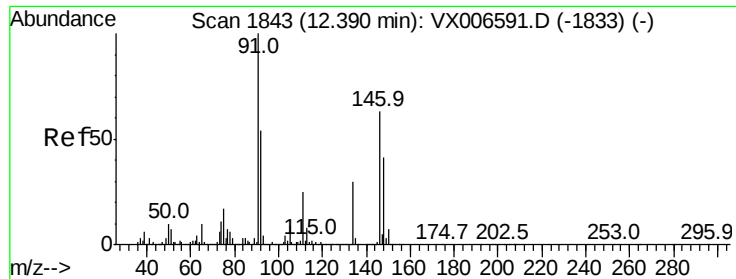
MMDadoda
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#90
Hexachloroethane
Concen: 47.268 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 49.437 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Instrument :

MSVOA_X

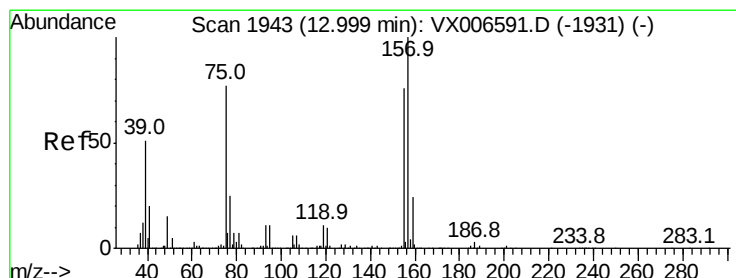
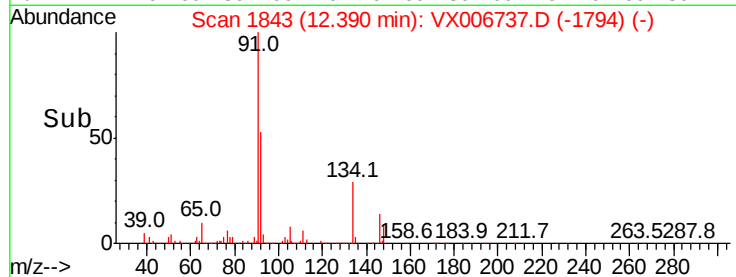
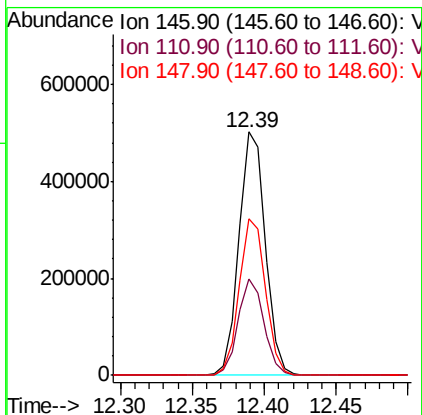
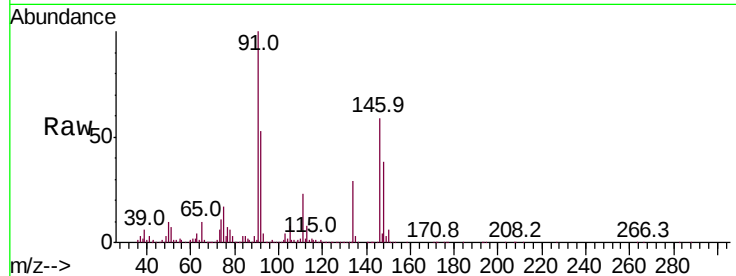
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	637809
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.2
148	64.4	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.480 ug/l

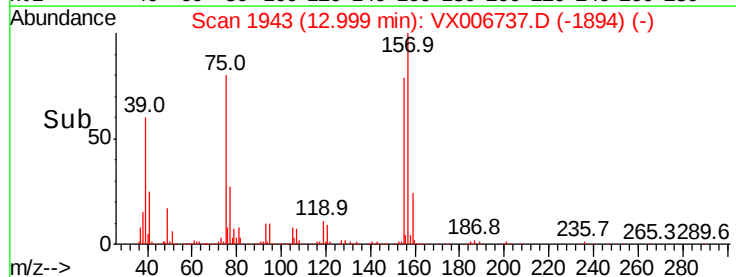
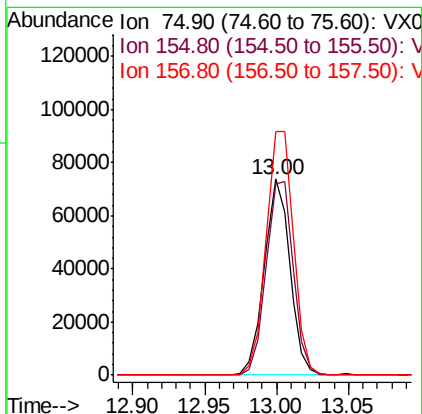
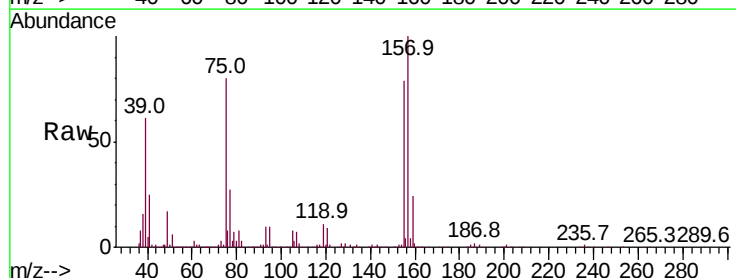
RT: 13.00 min Scan# 1943

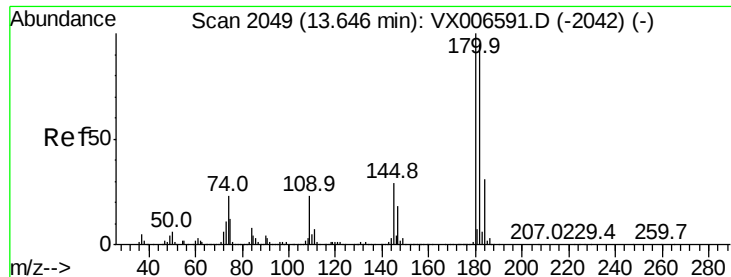
Delta R.T. -0.00 min

Lab File: VX006737.D

Acq: 21 Dec 2018 21:44

Tgt Ion:	75	Resp:	90366
Ion Ratio	Lower	Upper	
75	100		
155	105.5	50.6	151.8
157	133.8	64.6	193.8





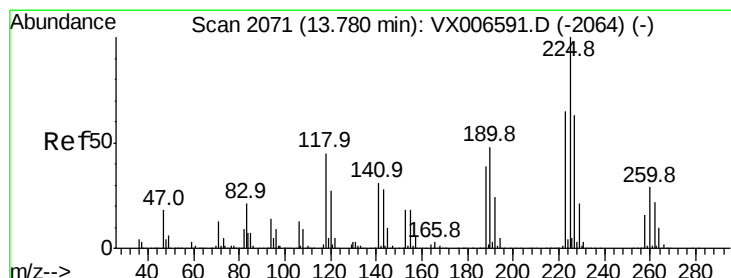
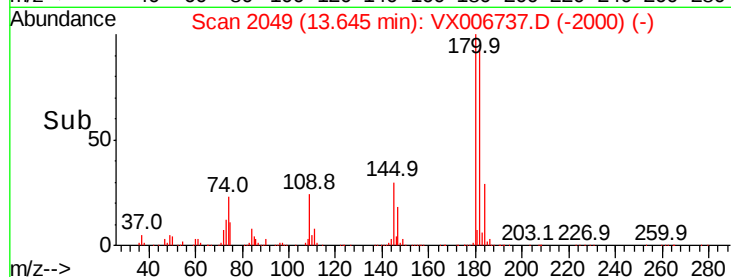
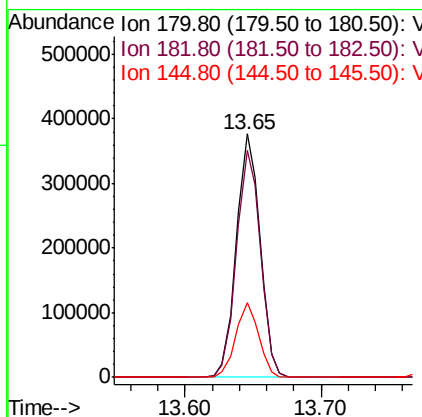
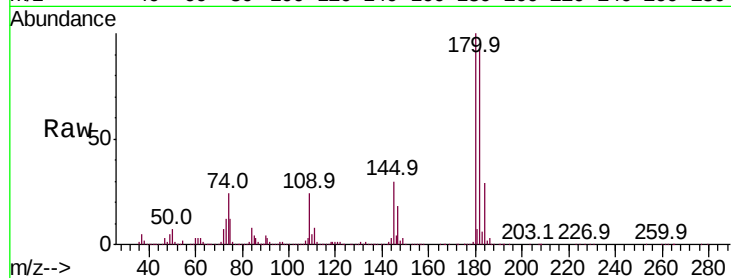
#93
1,2,4-Trichlorobenzene
Concen: 51.367 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	47.3	142.0	
145	29.6	14.8	44.3	

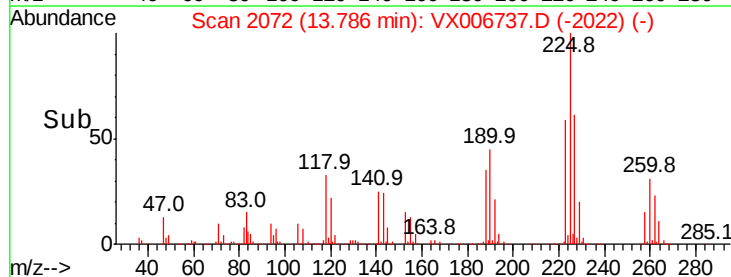
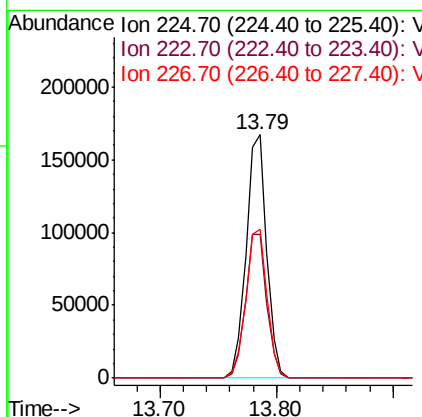
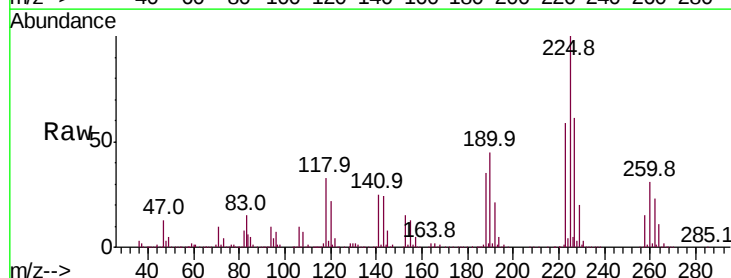
Manual Integrations
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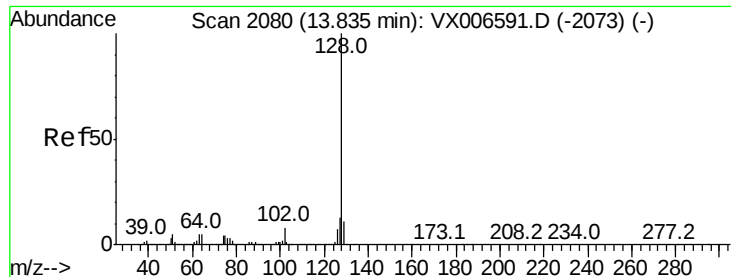
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#94
Hexachlorobutadiene
Concen: 49.034 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.01 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	32.1	96.3	
227	63.3	32.3	96.8	





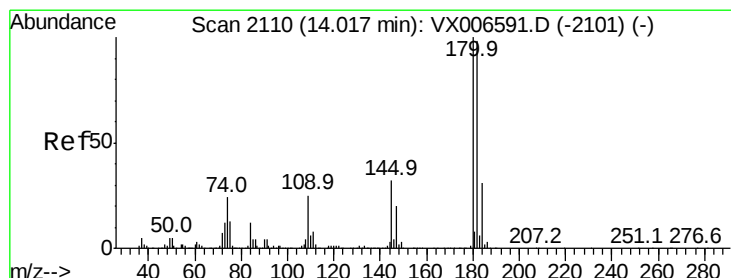
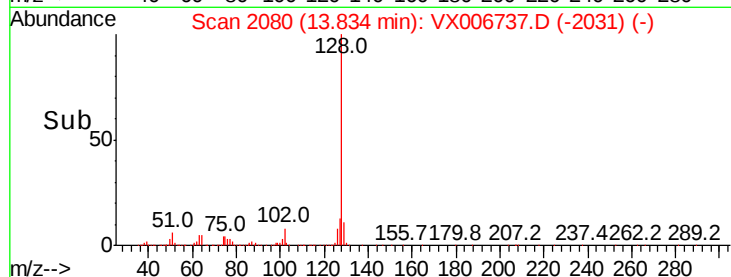
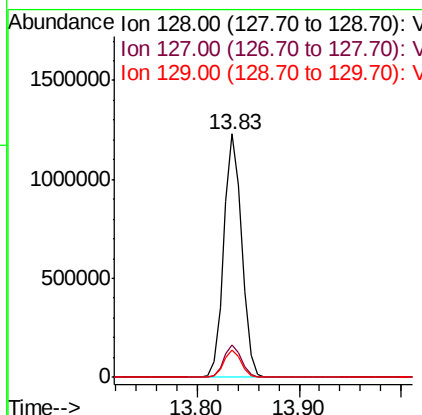
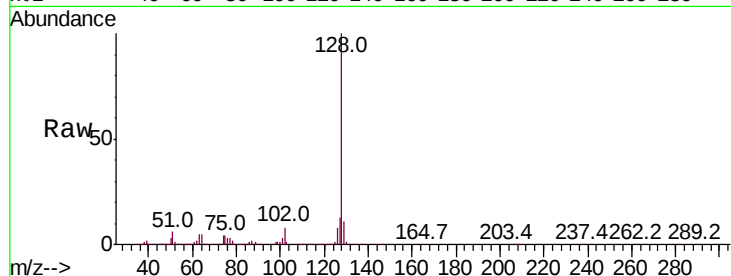
#95
Naphthalene
Concen: 52.873 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.540 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006737.D
Acq: 21 Dec 2018 21:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.5	145.5
145	30.8	16.0	47.9

