

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009057.D
 Acq On : 18 Apr 2019 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 9:12:04 AM

Quant Time: Apr 19 05:47:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145968	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	5.50	113	106844	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	8.71	98	421954	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	147443	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122401	55.033	ug/l	99
3) Chloromethane	1.32	50	124602	45.633	ug/l	99
4) Vinyl Chloride	1.41	62	133210	50.123	ug/l	99
5) Bromomethane	1.64	94	40025	26.047	ug/l	98
6) Chloroethane	1.71	64	86131	55.114	ug/l	98
7) Trichlorofluoromethane	1.92	101	162201	52.274	ug/l	98
8) Diethyl Ether	2.19	74	74830	52.732	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103510	52.174	ug/l	98
10) Methyl Iodide	2.51	142	40399	21.394	ug/l	99
11) Tert butyl alcohol	3.06	59	174502	288.880	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106271	51.319	ug/l	99
13) Acrolein	2.29	56	109724	210.225	ug/l	99
14) Allyl chloride	2.73	41	250877	55.531	ug/l	99
15) Acrylonitrile	3.15	53	441564	287.962	ug/l	100
16) Acetone	2.45	43	387594	274.651	ug/l	98
17) Carbon Disulfide	2.57	76	306124	50.299	ug/l	99
18) Methyl Acetate	2.78	43	208741	59.266	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	407716	55.258	ug/l	100
20) Methylene Chloride	2.85	84	124794	51.710	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	111904	50.664	ug/l	97
22) Diisopropyl ether	3.86	45	492687	56.121	ug/l	90
23) Vinyl Acetate	3.82	43	2209469	286.312	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241344	54.765	ug/l	99
25) 2-Butanone	4.68	43	666802	295.601	ug/l	100
26) 2,2-Dichloropropane	4.58	77	149676	45.311	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	133537	53.250	ug/l	100
28) Bromochloromethane	5.02	49	102557	56.271	ug/l	97
29) Tetrahydrofuran	5.13	42	448175	296.841	ug/l	98
30) Chloroform	5.21	83	215476	54.641	ug/l	100
31) Cyclohexane	5.58	56	232607	53.665	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	178135	54.502	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168645	50.456	ug/l	98
37) Ethyl Acetate	4.84	43	252312	58.664	ug/l	100
38) Carbon Tetrachloride	5.79	117	148588	52.438	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201244	49.451	ug/l	99
40) Benzene	6.14	78	514540	52.182	ug/l	99
41) Methacrylonitrile	5.05	41	138528	56.120	ug/l	98
42) 1,2-Dichloroethane	6.20	62	183123	52.427	ug/l	99
43) Isopropyl Acetate	6.45	43	386999	55.836	ug/l	99
44) Trichloroethene	7.21	130	119043	49.273	ug/l	97
45) 1,2-Dichloropropane	7.51	63	146880	53.693	ug/l	100
46) Dibromomethane	7.66	93	83179	52.248	ug/l	100
47) Bromodichloromethane	7.90	83	165273	52.929	ug/l	97
48) Methyl methacrylate	7.77	41	192259	56.139	ug/l	99
49) 1,4-Dioxane	7.74	88	68242	1064.627	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1257689	284.830	ug/l	99
52) Toluene	8.79	92	302667	51.217	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187162	52.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	208272	51.760	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124091	52.982	ug/l	99
56) Ethyl methacrylate	9.18	69	229407	54.626	ug/l	99
57) 1,3-Dichloropropane	9.37	76	220372	52.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	618691	273.574	ug/l	99
59) 2-Hexanone	9.49	43	948296	278.557	ug/l	100
60) Dibromochloromethane	9.59	129	122552	54.596	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128410	53.122	ug/l	100
64) Tetrachloroethene	9.34	164	109031	50.777	ug/l	97
65) Chlorobenzene	10.14	112	303884	50.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113190	53.856	ug/l	99
67) Ethyl Benzene	10.25	91	570051	52.269	ug/l	99
68) m/p-Xylenes	10.36	106	409929	103.425	ug/l	99
69) o-Xylene	10.70	106	197865	51.306	ug/l	97
70) Styrene	10.71	104	348264	52.111	ug/l	99
71) Bromoform	10.86	173	89492	53.447	ug/l #	99
73) Isopropylbenzene	11.02	105	530509	53.297	ug/l	100
74) N-amyl acetate	10.90	43	322357	56.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	197617	54.337	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166452m	51.910	ug/l	
77) Bromobenzene	11.26	156	127230	50.661	ug/l	96
78) n-propylbenzene	11.36	91	612476	53.610	ug/l	100
79) 2-Chlorotoluene	11.42	91	364256	52.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446201	53.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64350	51.521	ug/l	96
82) 4-Chlorotoluene	11.51	91	413698	51.741	ug/l	100
83) tert-Butylbenzene	11.77	119	432049	53.876	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	449384	52.854	ug/l	100
85) sec-Butylbenzene	11.94	105	506441	52.950	ug/l	100
86) p-Isopropyltoluene	12.06	119	460148	52.329	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220721	50.215	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222889	50.022	ug/l	99
89) n-Butylbenzene	12.39	91	426417	52.070	ug/l	99
90) Hexachloroethane	12.60	117	78438	54.076	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	221684	51.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45721	55.214	ug/l	98

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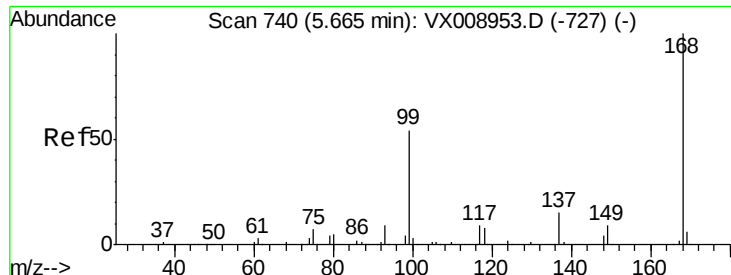
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157481	50.262	ug/l	100
94) Hexachlorobutadiene	13.78	225	77518	49.605	ug/l	99
95) Naphthalene	13.83	128	539001	53.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158571	51.293	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 193101

Ion Ratio Lower Upper

168 100

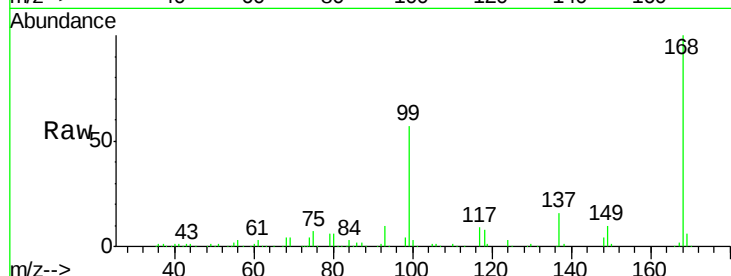
99 56.4 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

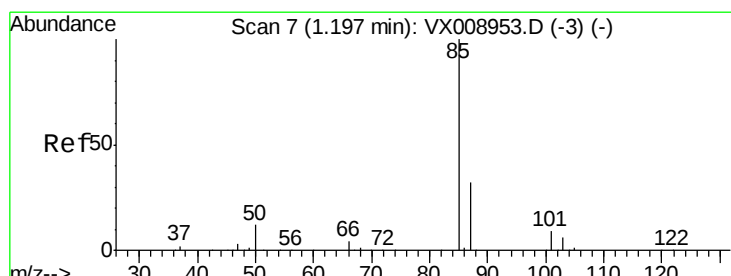
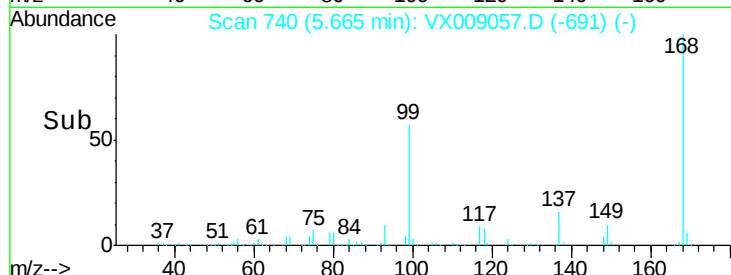
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.033 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009057.D

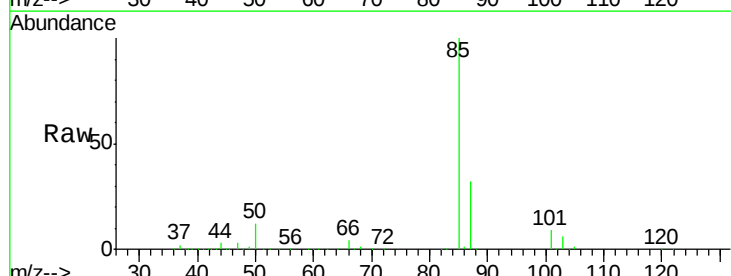
Acq: 18 Apr 2019 20:26

Tgt Ion: 85 Resp: 122401

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

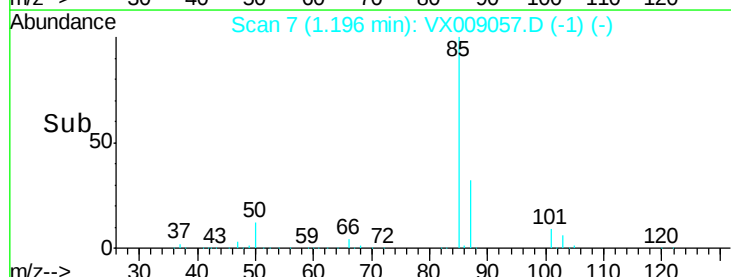
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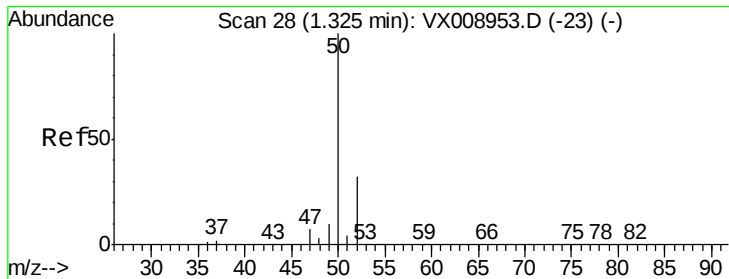
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.633 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 124602

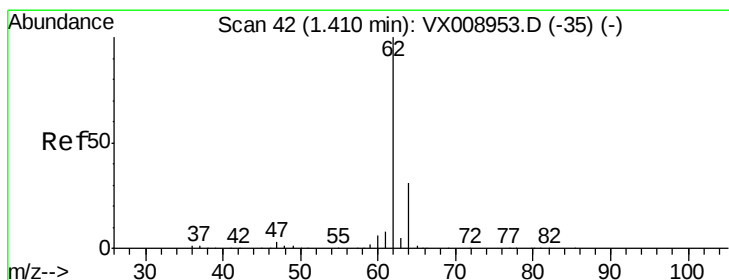
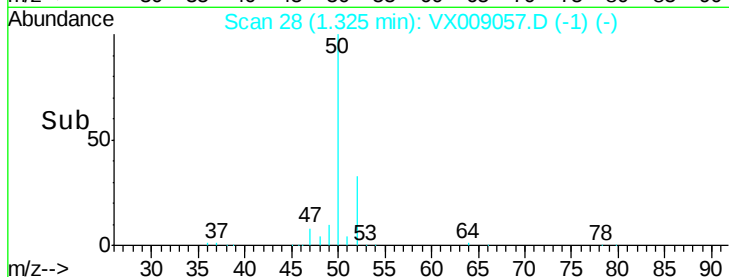
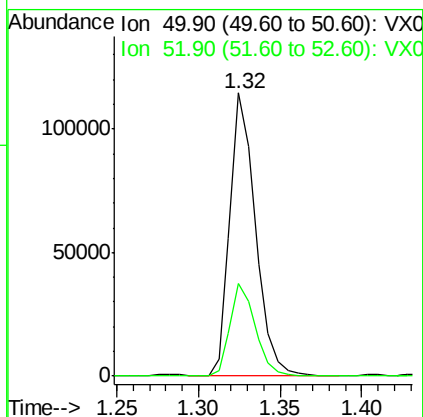
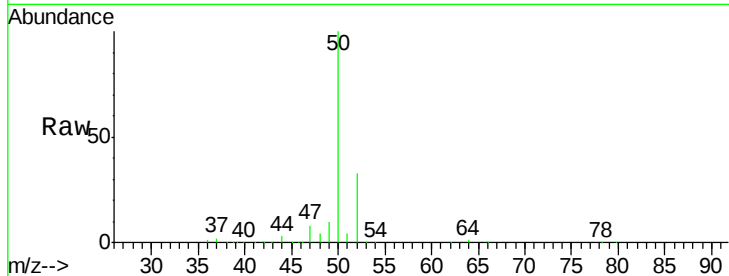
Ion Ratio Lower Upper

50 100

52 32.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 50.123 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009057.D

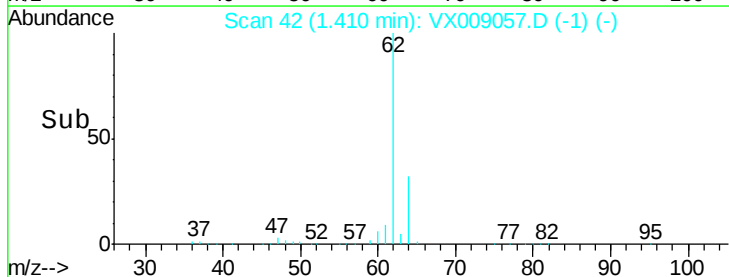
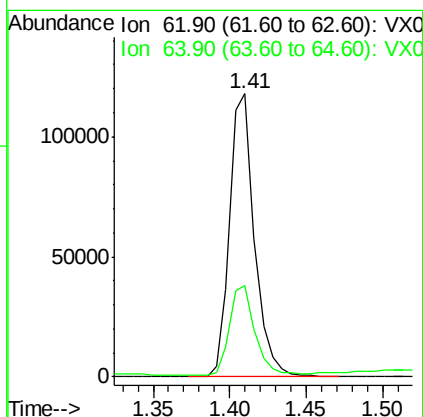
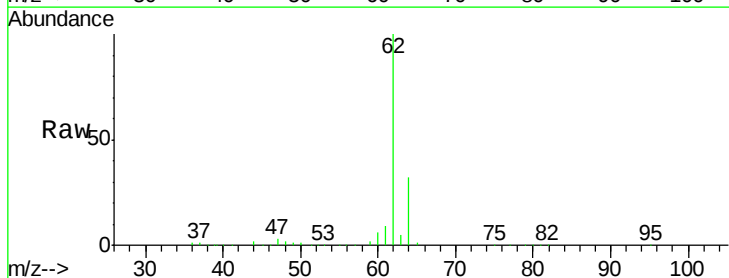
Acq: 18 Apr 2019 20:26

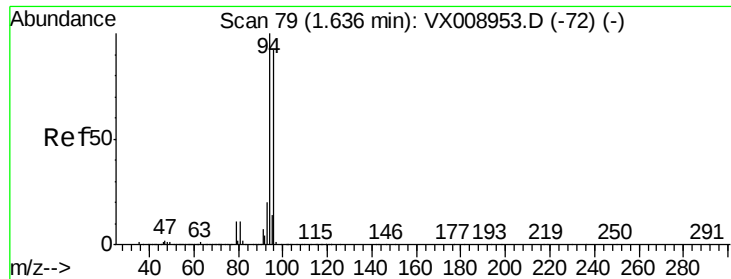
Tgt Ion: 62 Resp: 133210

Ion Ratio Lower Upper

62 100

64 31.7 25.0 37.4





#5

Bromomethane

Concen: 26.047 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 40025

Ion Ratio Lower Upper

94 100

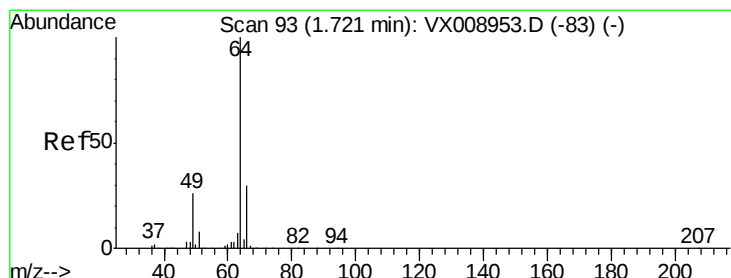
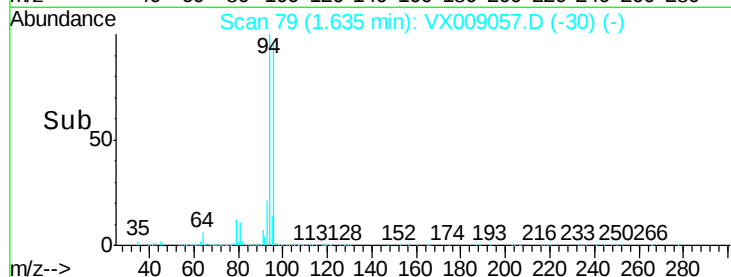
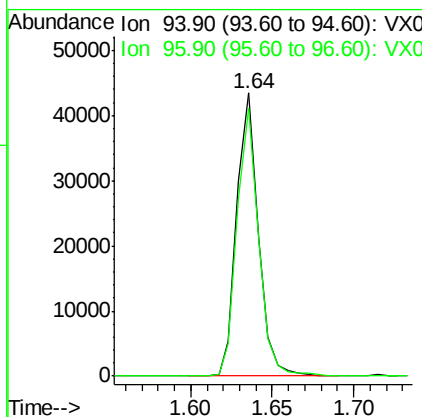
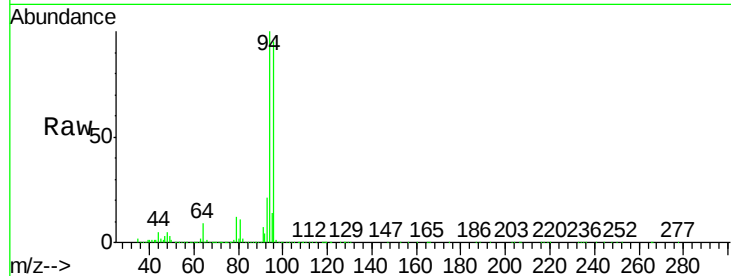
96 94.7 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 55.114 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009057.D

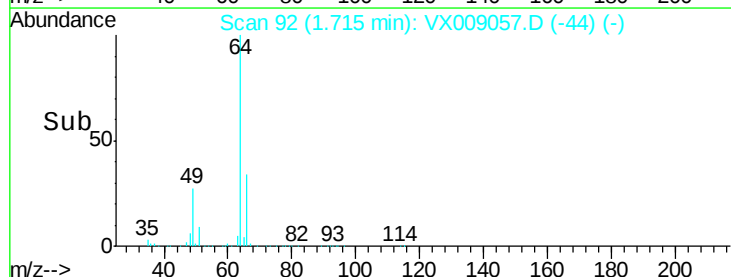
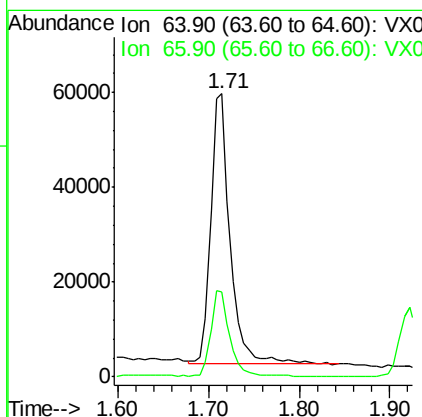
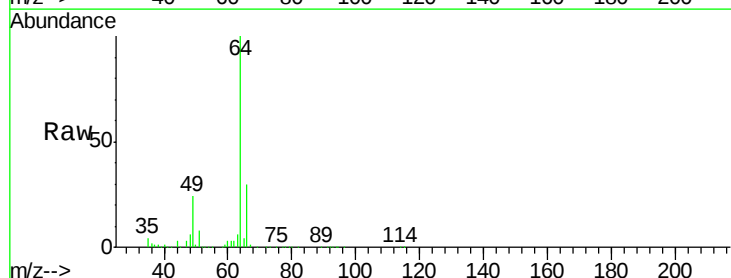
Acq: 18 Apr 2019 20:26

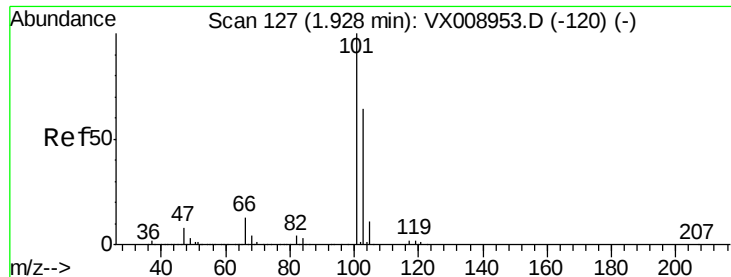
Tgt Ion: 64 Resp: 86131

Ion Ratio Lower Upper

64 100

66 31.3 24.2 36.2





#7

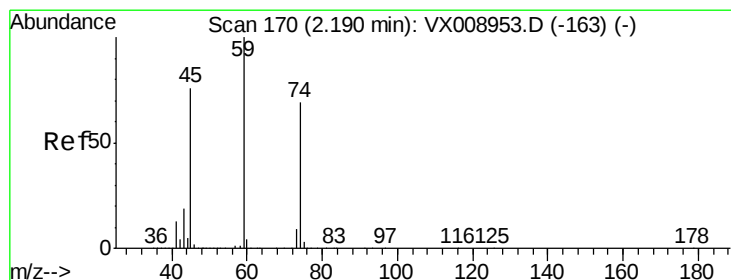
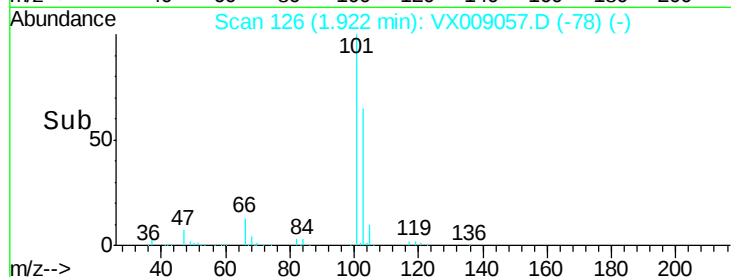
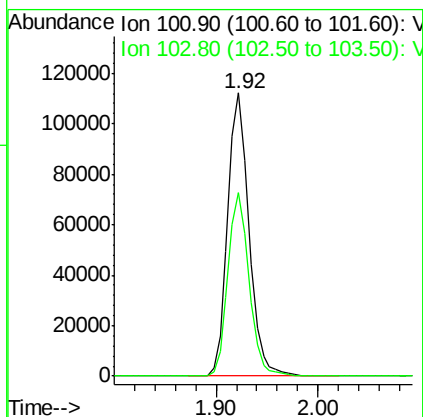
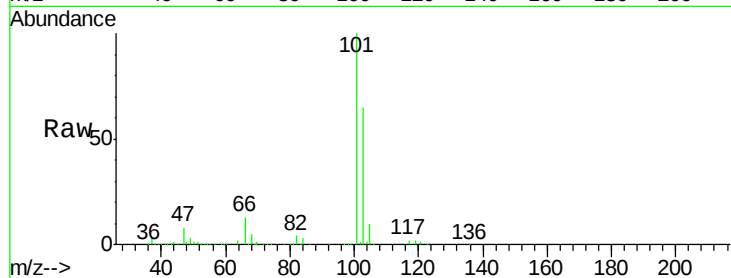
Trichlorofluoromethane
Concen: 52.274 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.0	76.6

Manual Integrations
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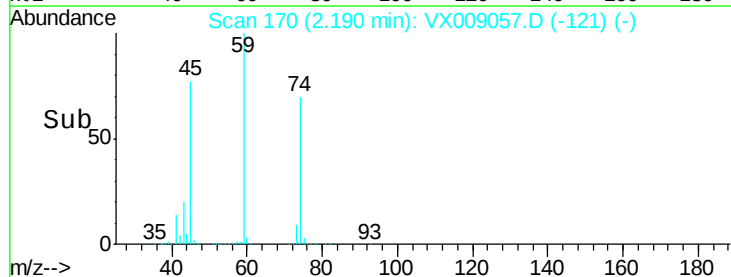
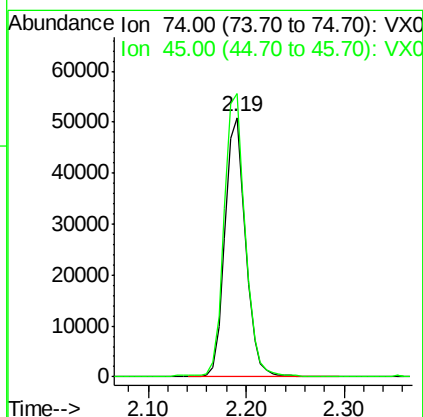
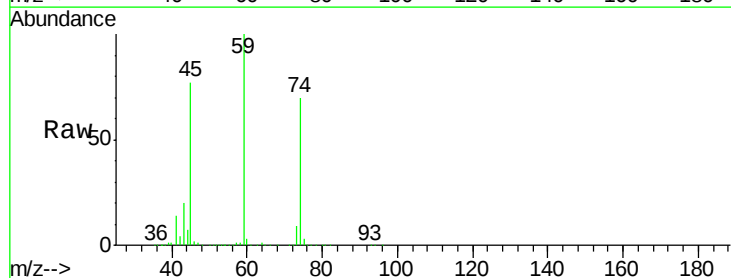
MMDadoda
4/19/2019 9:12:04 AM

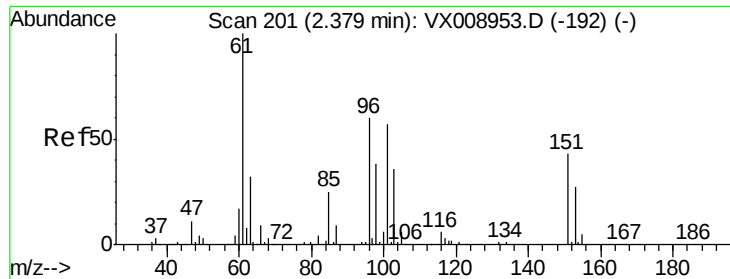


#8

Diethyl Ether
Concen: 52.732 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.4	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.174 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

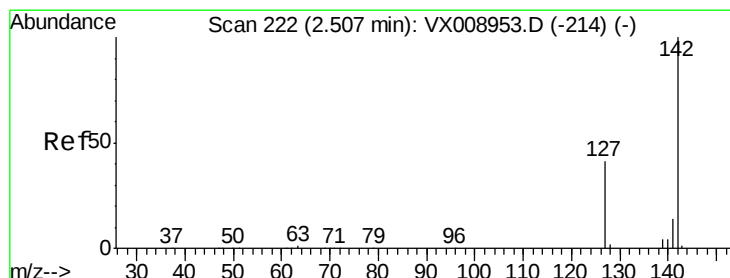
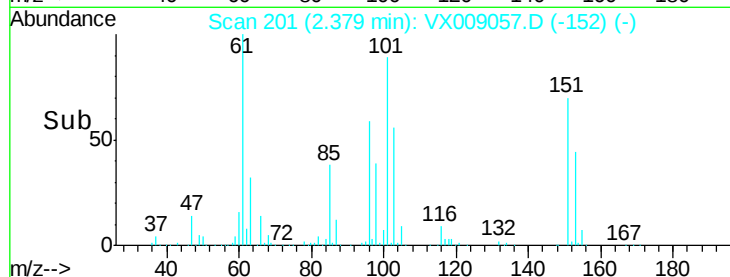
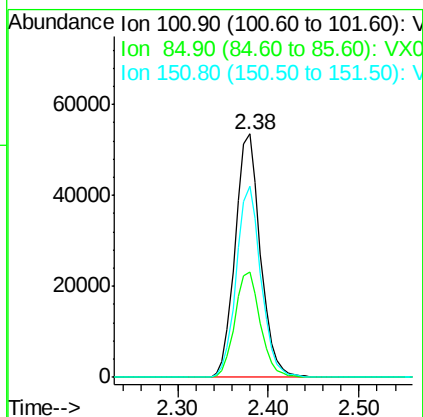
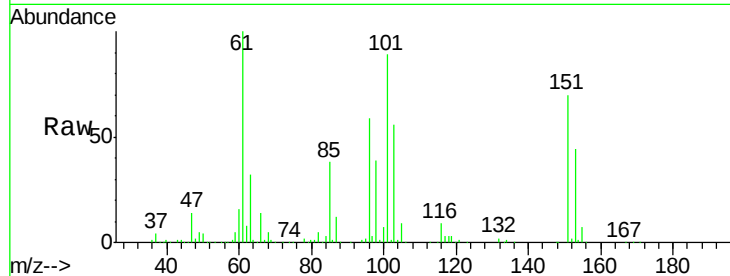
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	103510
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.7	53.5
151	77.0	62.7	94.1

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#10

Methyl Iodide

Concen: 21.394 ug/l

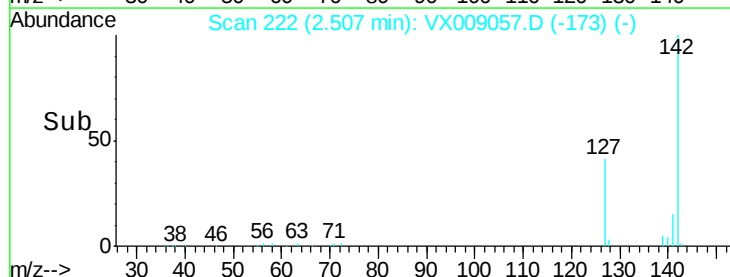
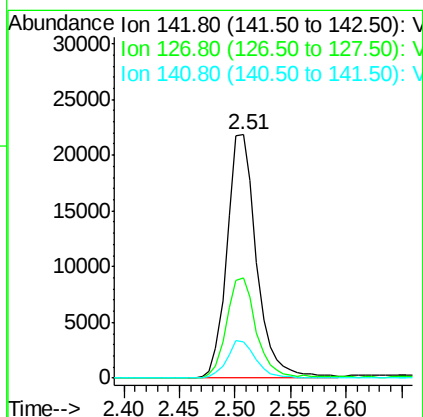
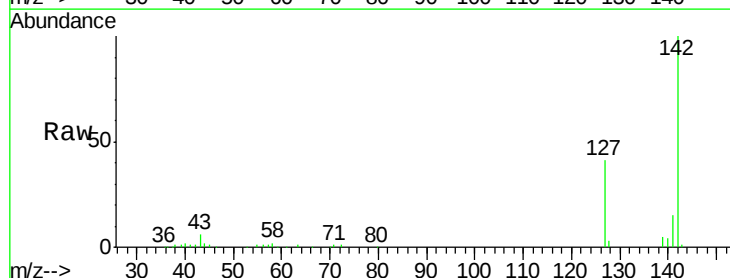
RT: 2.51 min Scan# 222

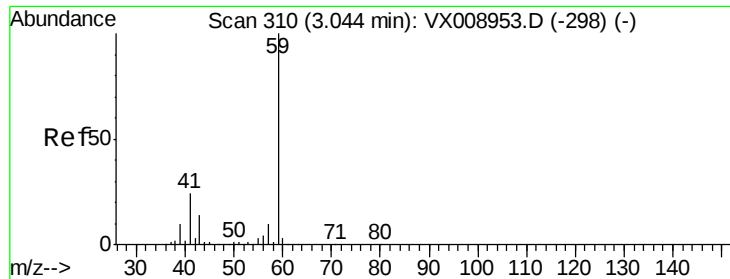
Delta R.T. 0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	142	Resp:	40399
Ion Ratio	Lower	Upper	
142	100		
127	41.6	32.8	49.2
141	15.2	11.4	17.2





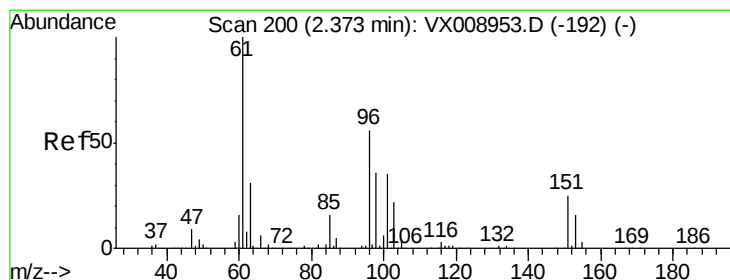
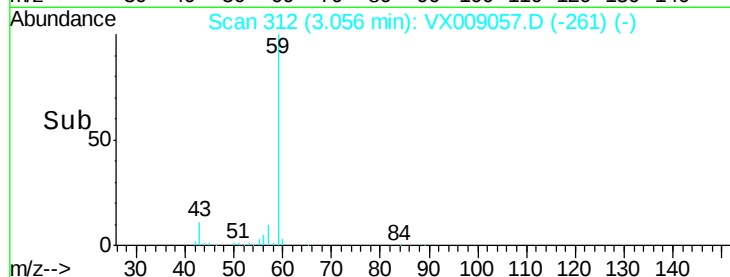
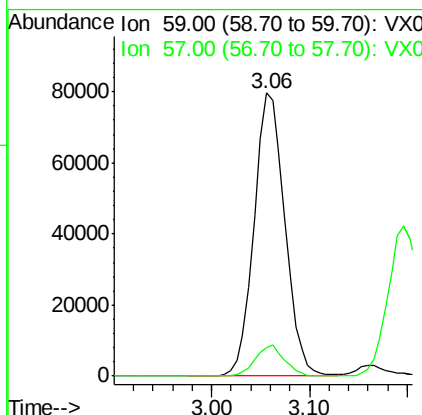
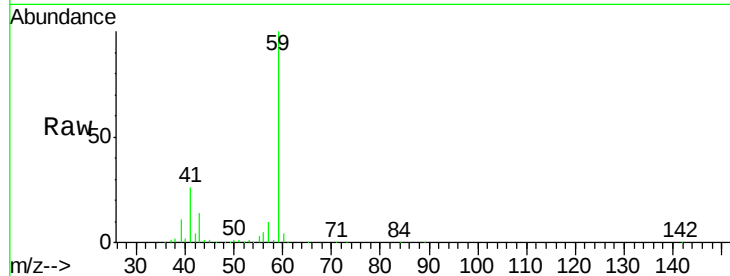
#11
Tert butyl alcohol
Concen: 288.880 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 174502
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

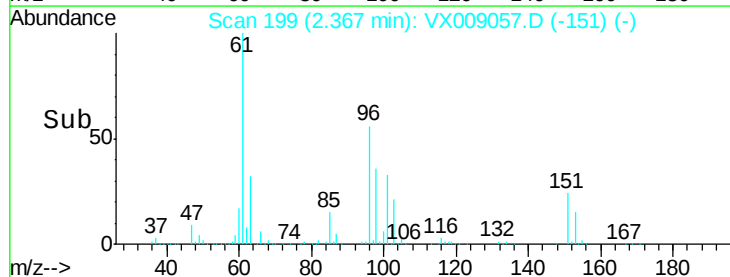
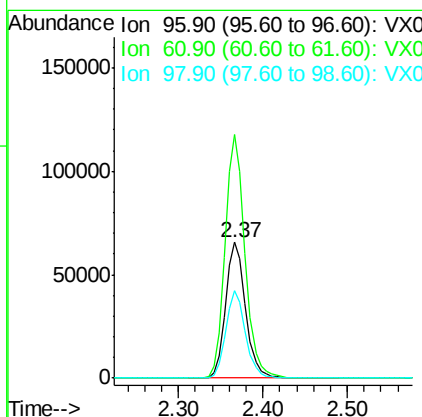
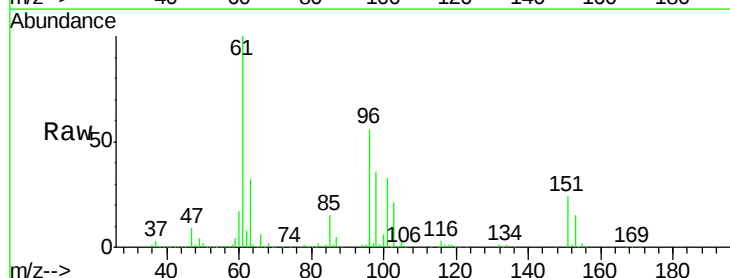
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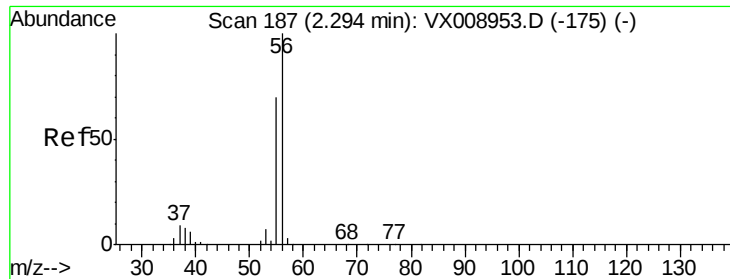
MMDadoda
4/19/2019 9:12:04 AM



#12
1,1-Dichloroethene
Concen: 51.319 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion: 96 Resp: 106271
Ion Ratio Lower Upper
96 100
61 179.4 142.2 213.2
98 64.6 50.9 76.3





#13

Acrolein

Concen: 210.225 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 109724

Ion Ratio Lower Upper

56 100

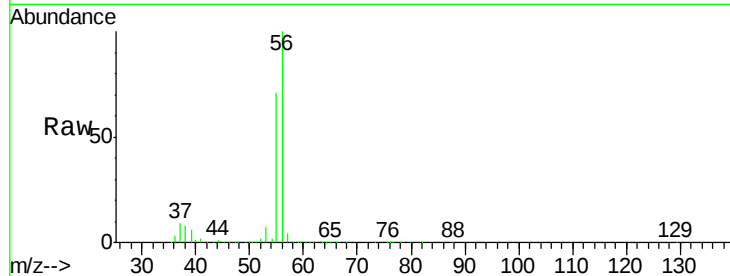
55 71.6 56.6 84.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

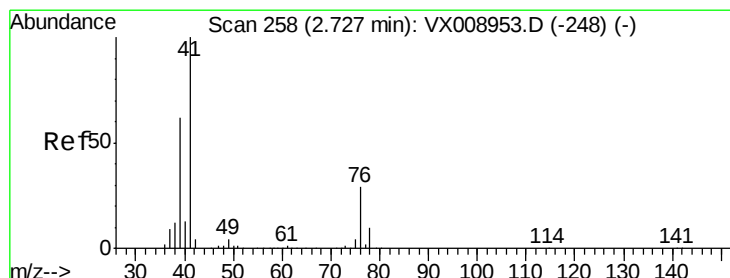
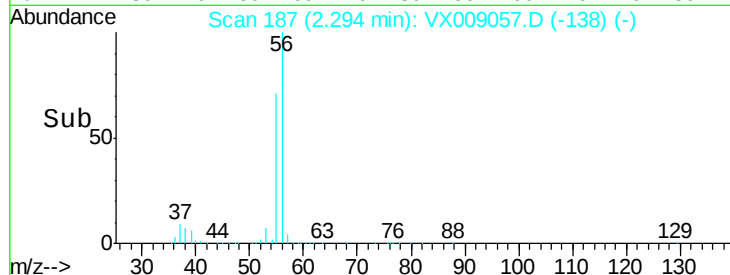
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 55.531 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

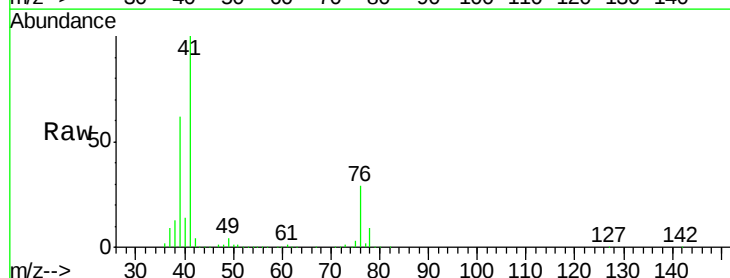
Tgt Ion: 41 Resp: 250877

Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 26.8 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

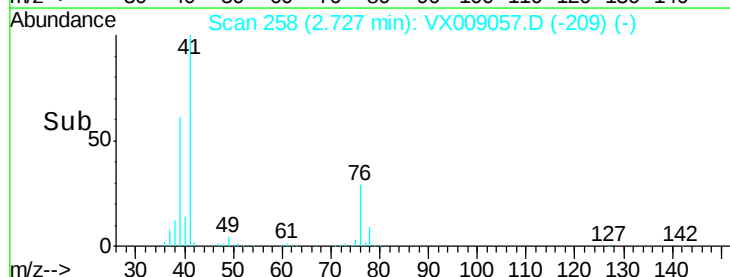
150000

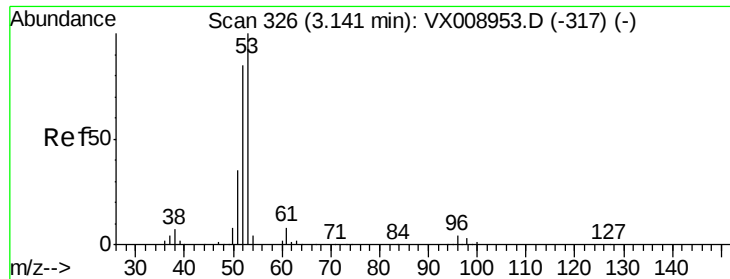
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 287.962 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

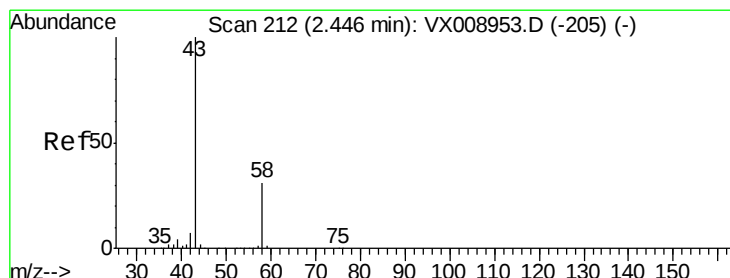
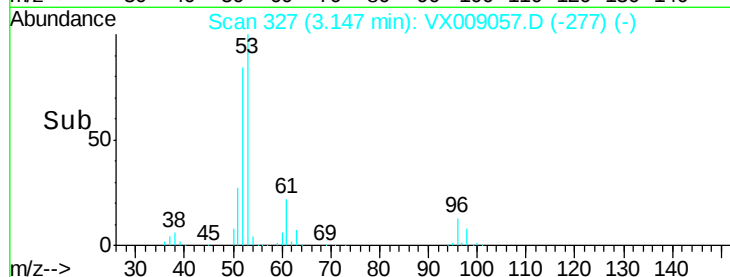
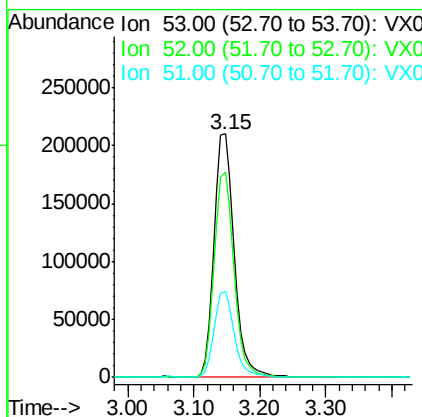
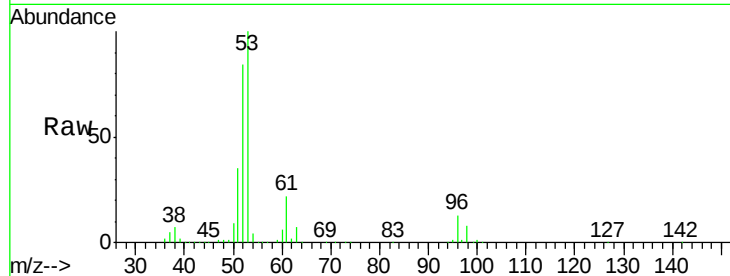
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	441564
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.6	100.0
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 274.651 ug/l

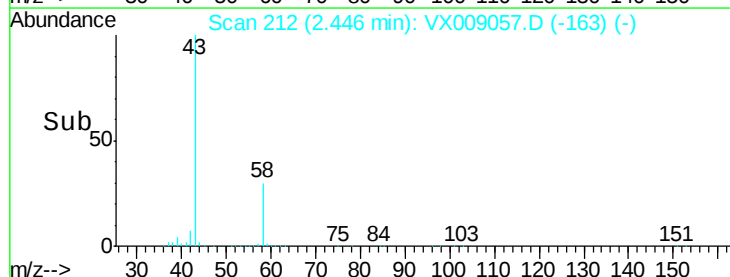
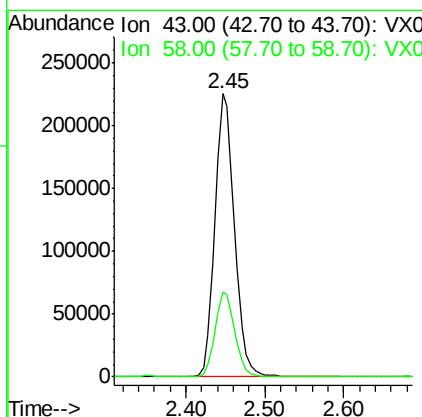
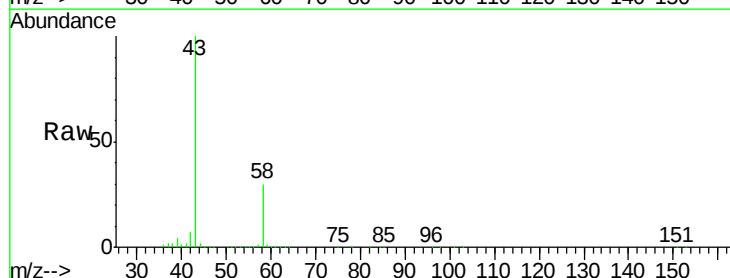
RT: 2.45 min Scan# 212

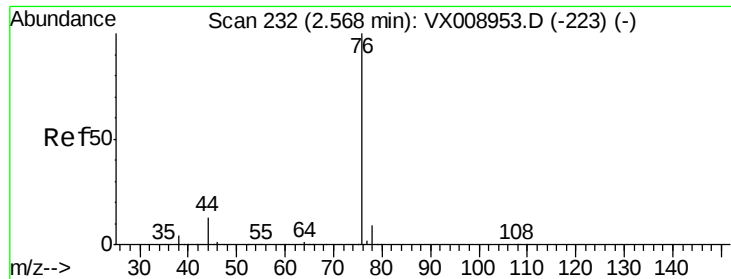
Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	43	Resp:	387594
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.8	37.2





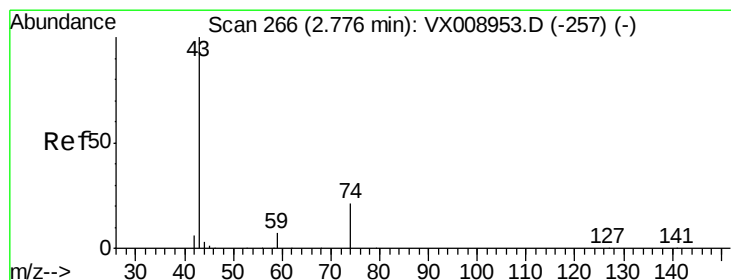
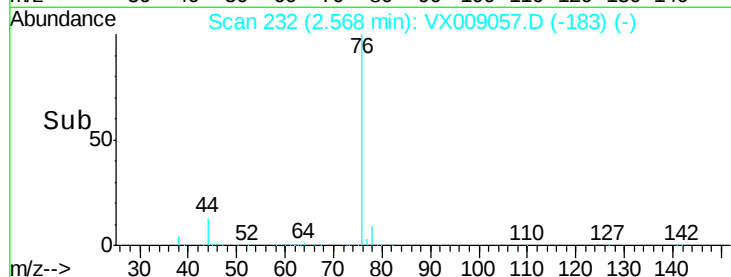
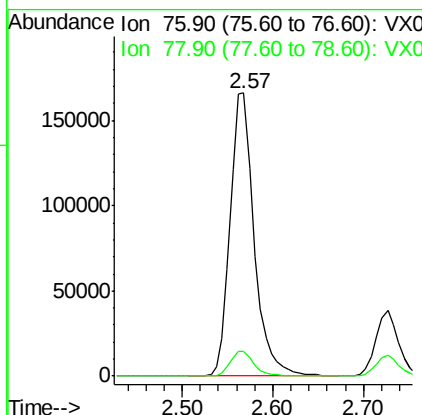
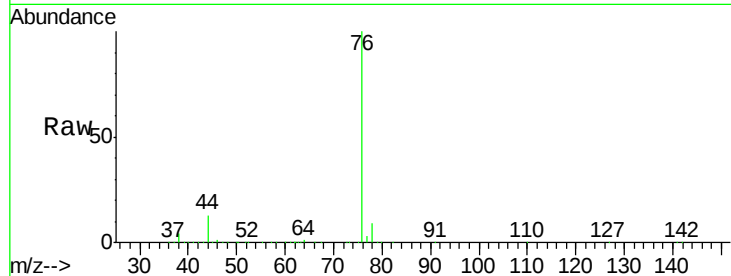
#17
Carbon Disulfide
Concen: 50.299 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

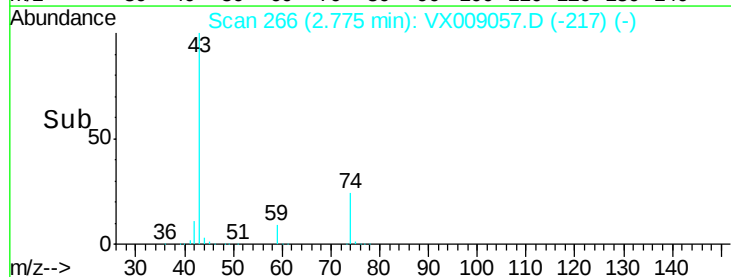
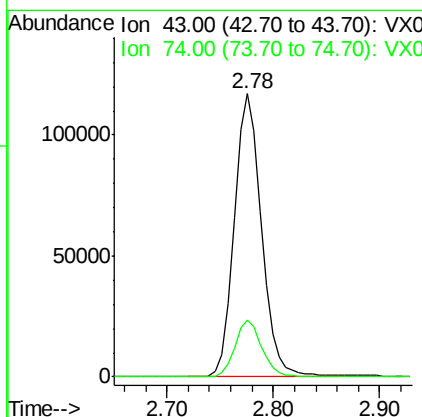
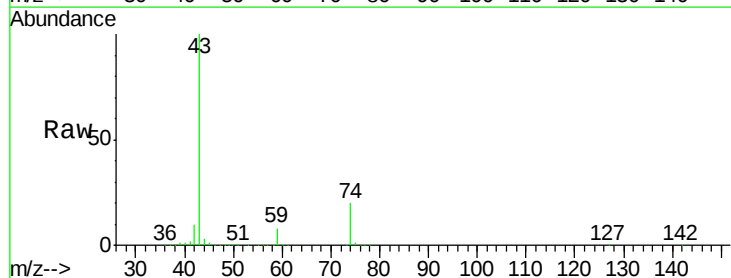
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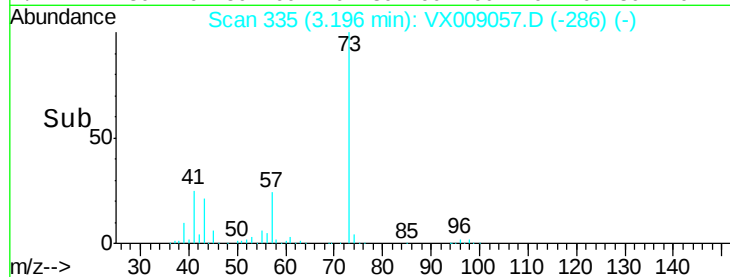
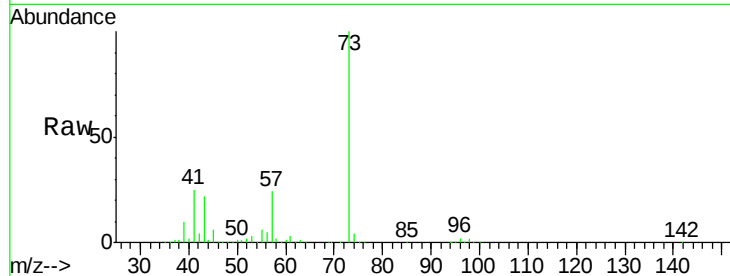
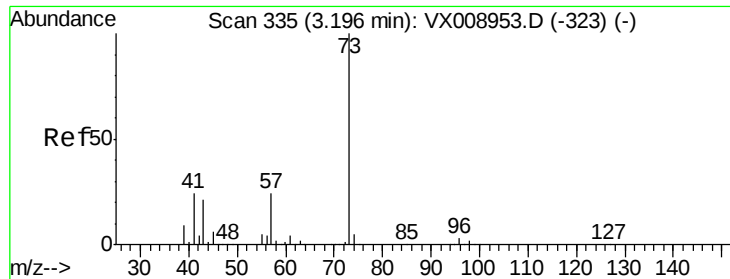
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#18
Methyl Acetate
Concen: 59.266 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.0	16.6	25.0





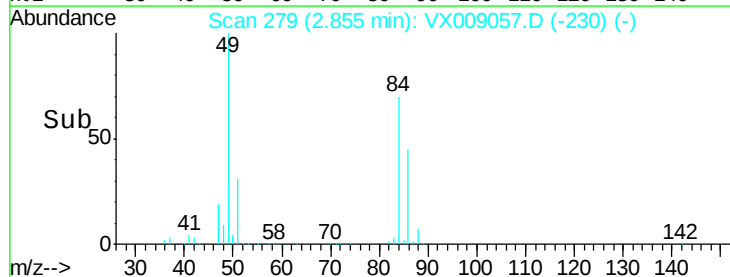
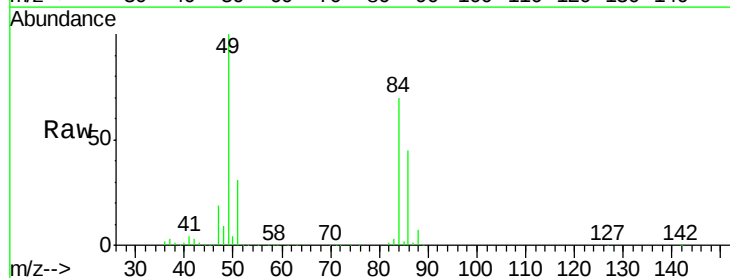
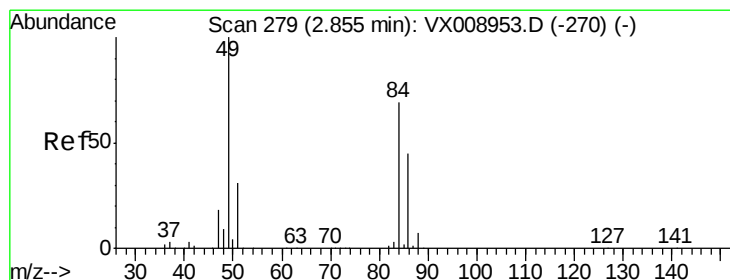
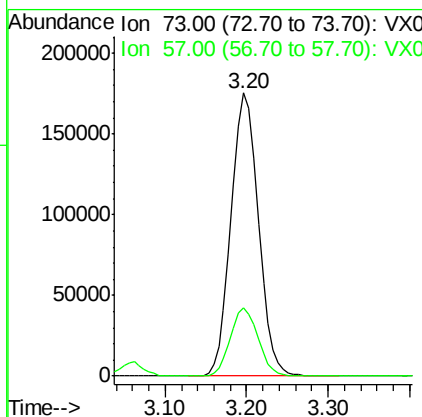
#19
Methvl tert-butvl Ether
Concen: 55.258 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tot Ion: 73 Resp: 407716
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

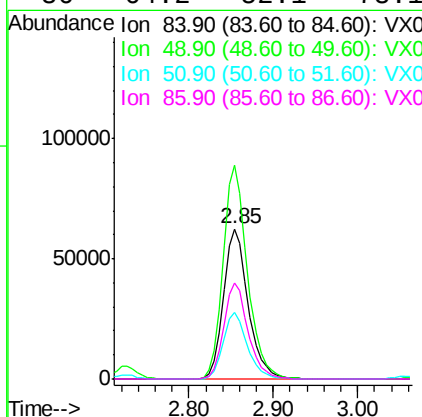
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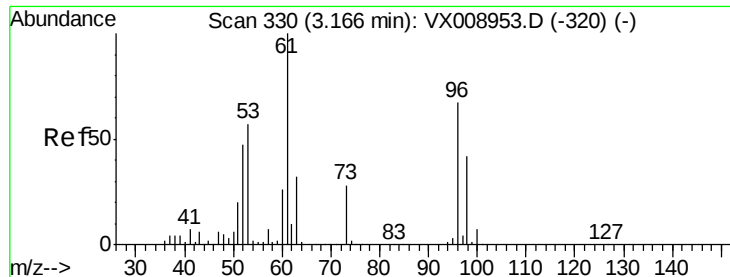
MMDadoda
4/19/2019 9:12:04 AM



#20
Methylene Chloride
Concen: 51.710 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion: 84 Resp: 124794
Ion Ratio Lower Upper
84 100
49 142.1 115.4 173.0
51 44.2 35.8 53.6
86 64.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 50.664 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 111904

Ion Ratio Lower Upper

96 100

61 155.7 120.3 180.5

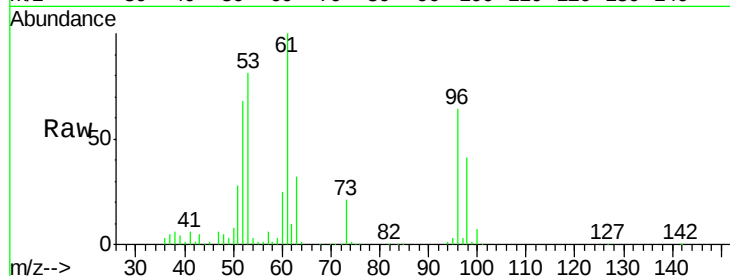
98 63.4 50.2 75.2

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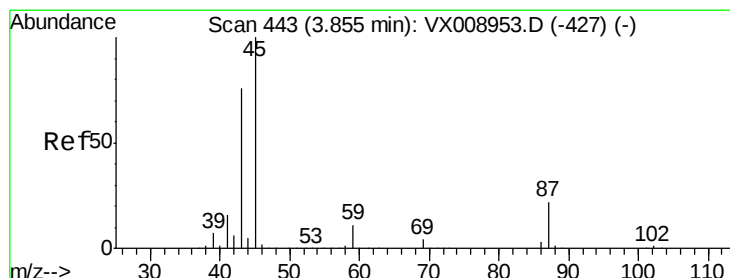
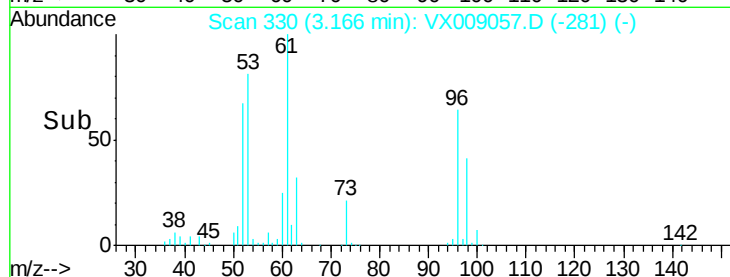
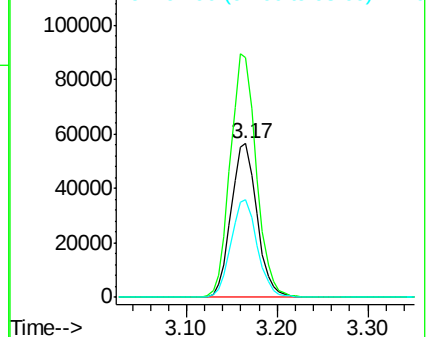


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.121 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion: 45 Resp: 492687

Ion Ratio Lower Upper

45 100

43 63.7 60.6 91.0

87 22.1 17.8 26.8

59 10.9 8.7 13.1

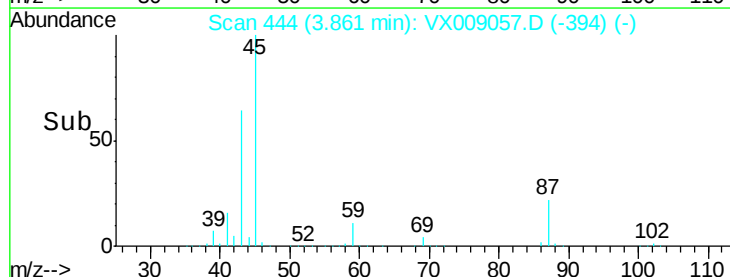
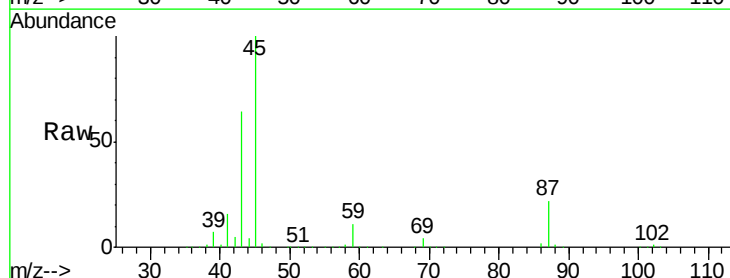
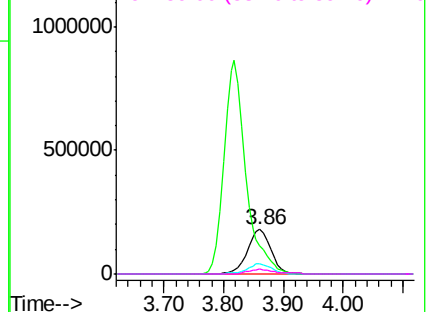
Abundance

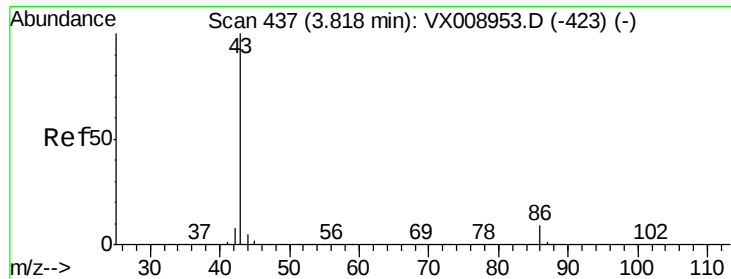
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 286.312 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2209469

Ion Ratio Lower Upper

43 100

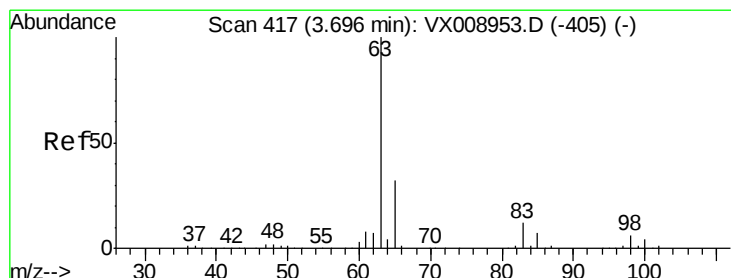
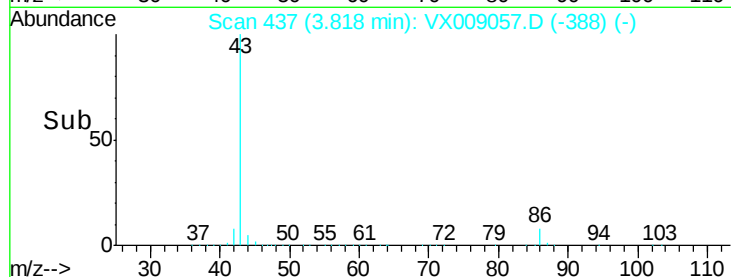
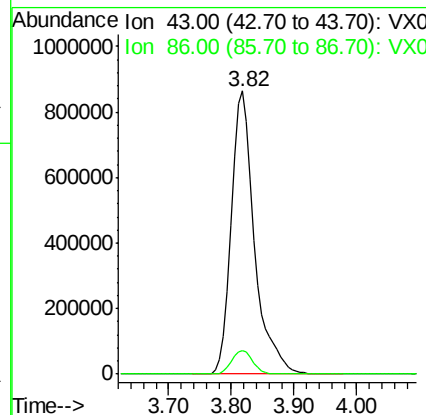
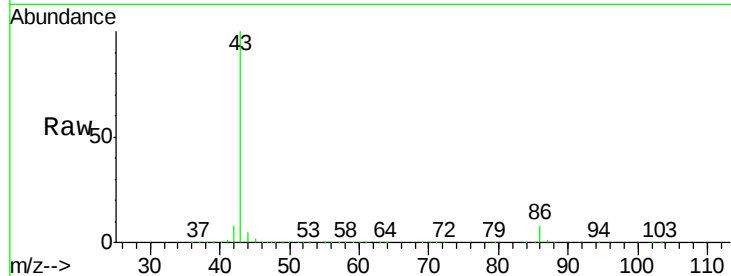
86 8.4 7.1 10.7

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#24

1,1-Dichloroethane

Concen: 54.765 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

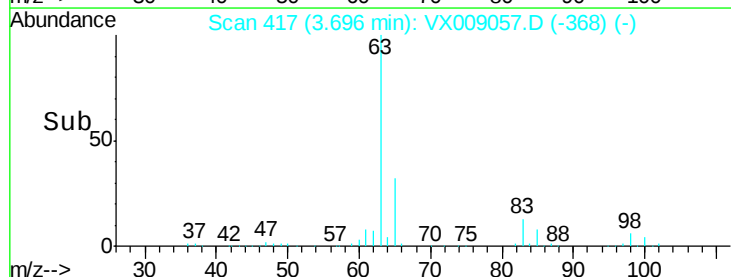
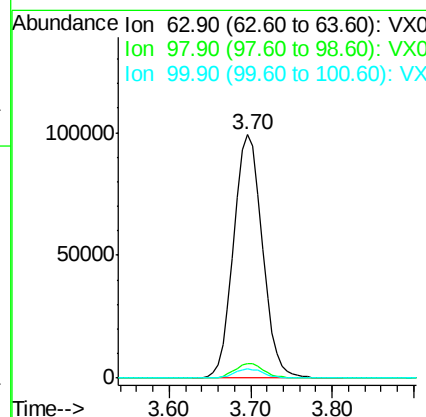
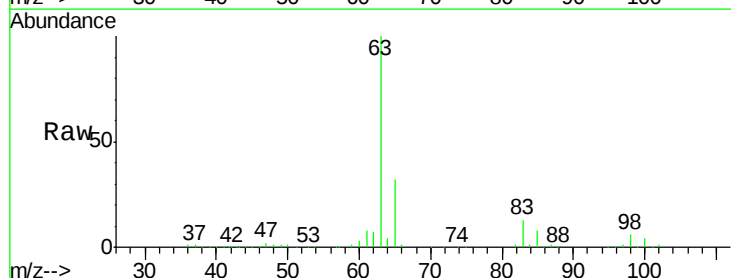
Tgt Ion: 63 Resp: 241344

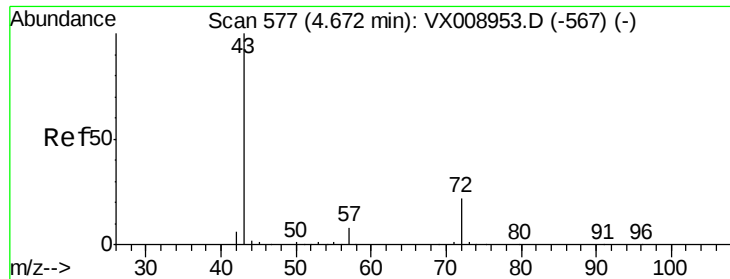
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 295.601 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 666802

Ion Ratio Lower Upper

43 100

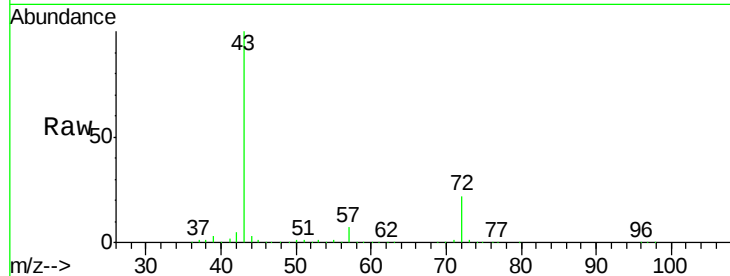
72 22.0 17.5 26.3

Manual Integrations

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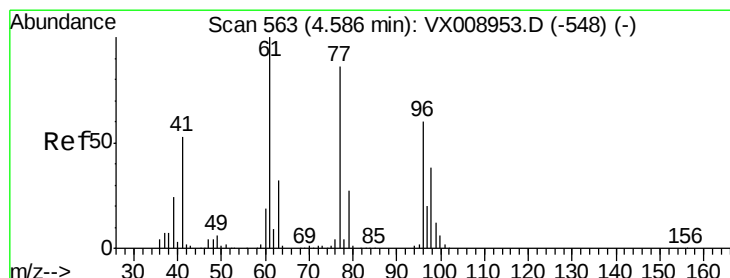
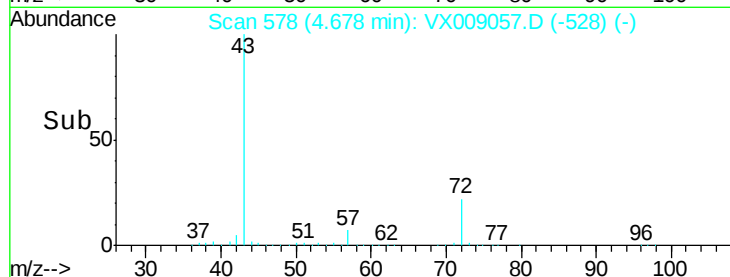
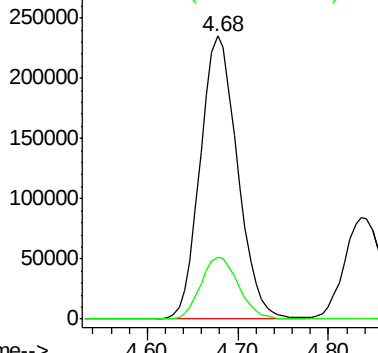
MMDadoda

4/19/2019 9:12:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.311 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009057.D

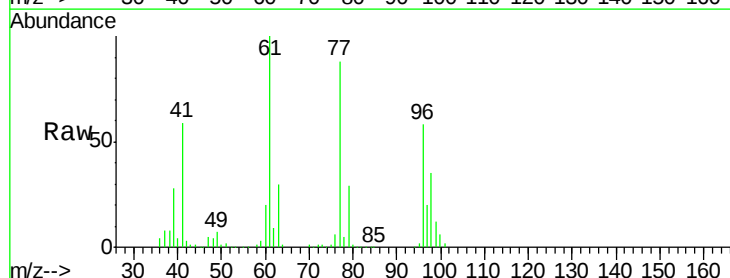
Acq: 18 Apr 2019 20:26

Tgt Ion: 77 Resp: 149676

Ion Ratio Lower Upper

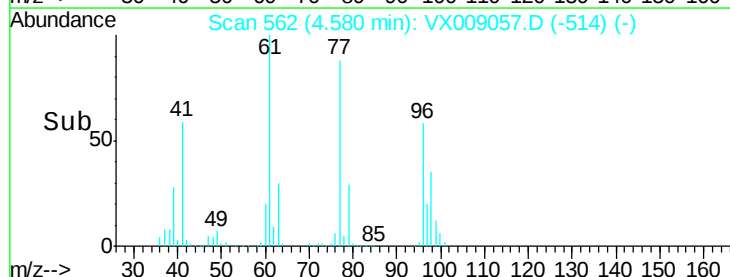
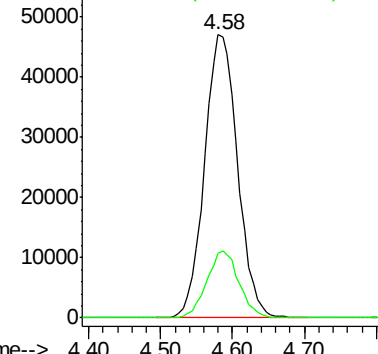
77 100

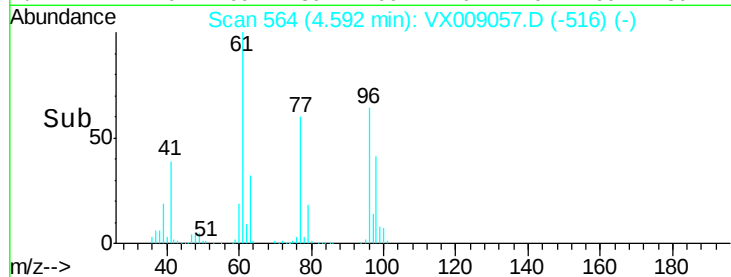
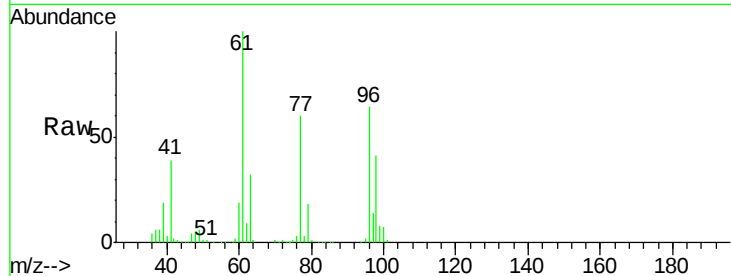
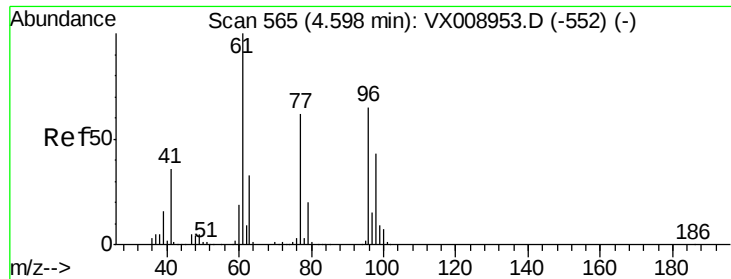
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





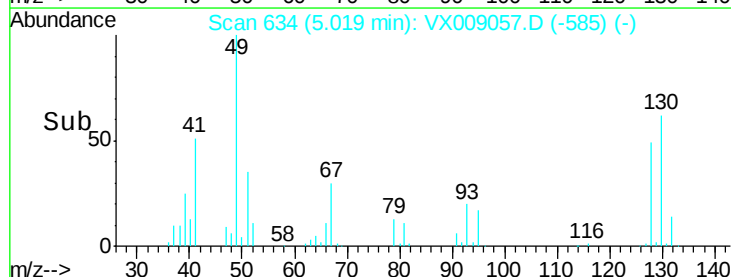
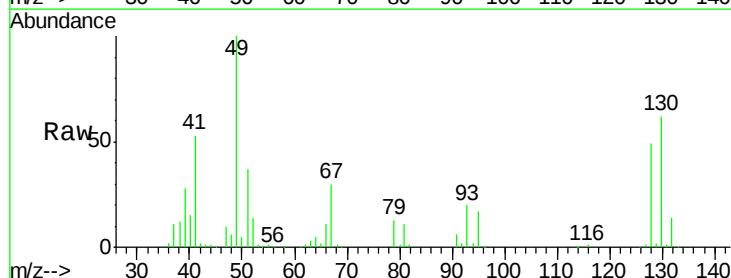
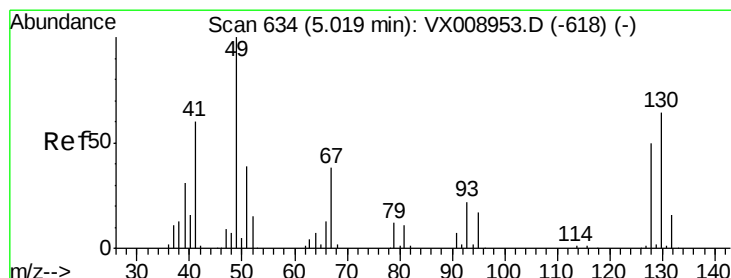
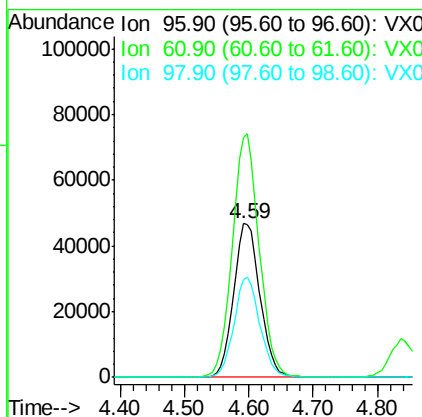
#27
cis-1,2-Dichloroethene
Concen: 53.250 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133537		
61	161.1	0.0	322.0	
98	63.9	0.0	128.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

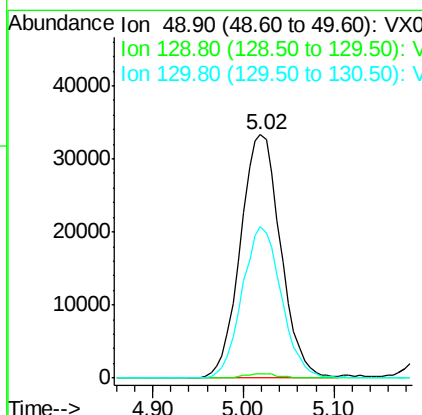
Manual Integrations
APPROVED

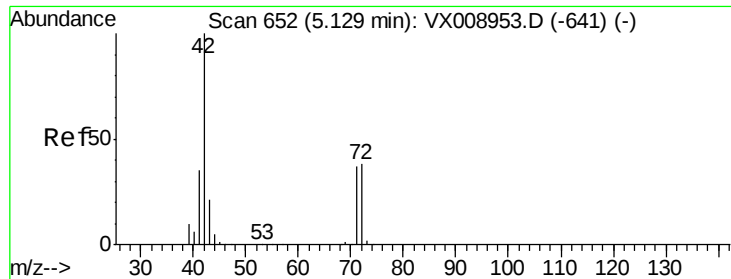
MMDadoda
4/19/2019 9:12:04 AM



#28
Bromochloromethane
Concen: 56.271 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	102557		
129	1.7	0.0	3.6	
130	60.7	50.4	75.6	





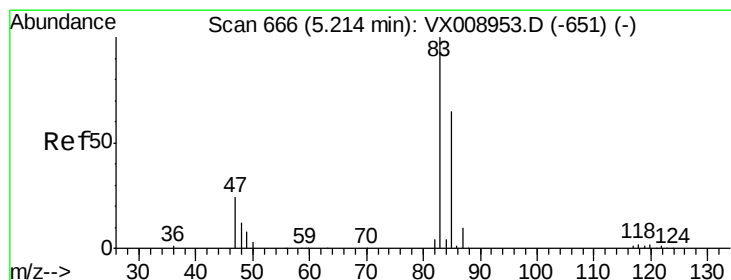
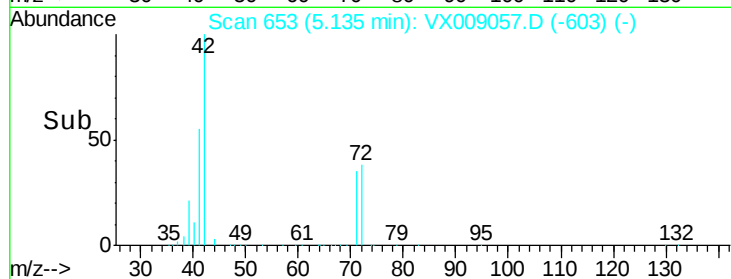
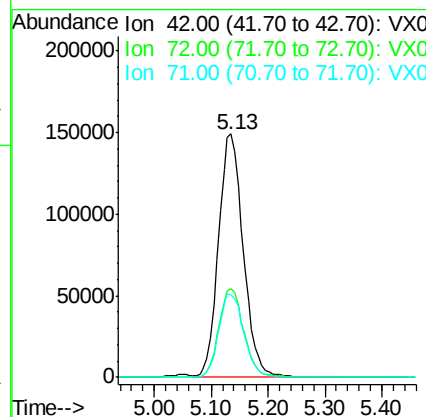
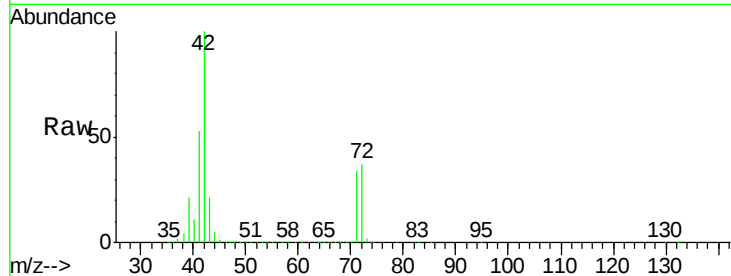
#29
Tetrahydrofuran
Concen: 296.841 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.6	45.8
71	34.9	28.8	43.2

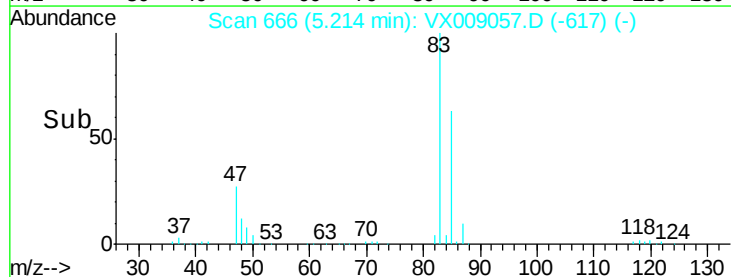
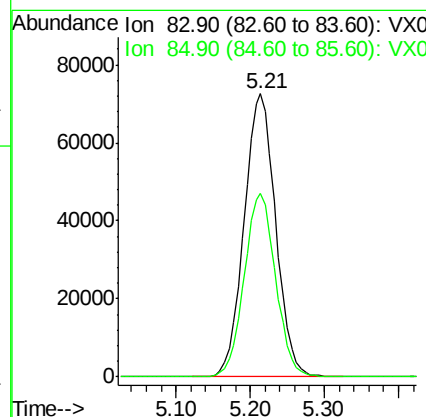
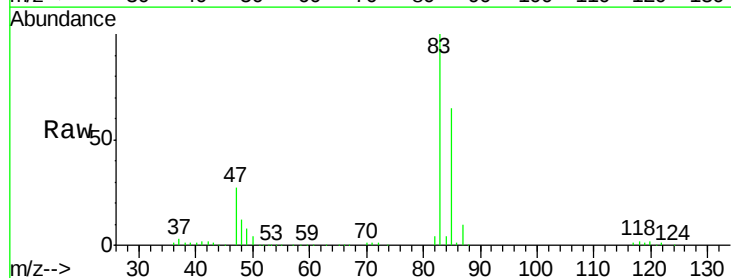
Manual Integrations
APPROVED

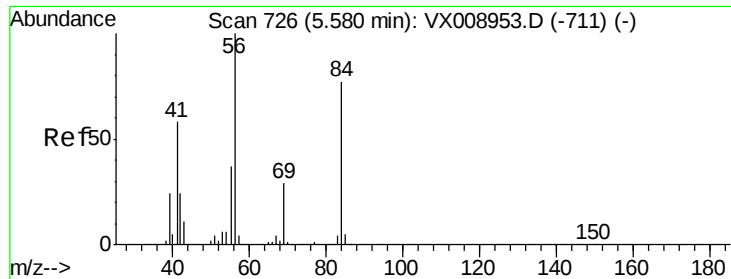
MMDadoda
4/19/2019 9:12:04 AM



#30
Chloroform
Concen: 54.641 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.9	77.9





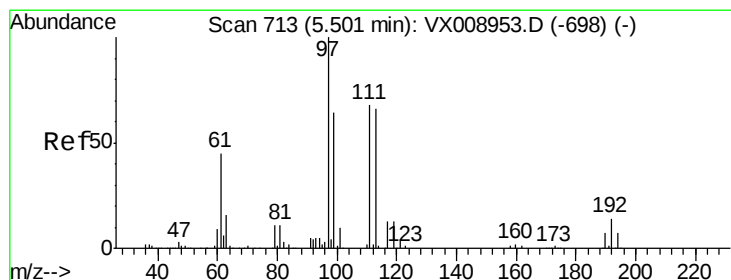
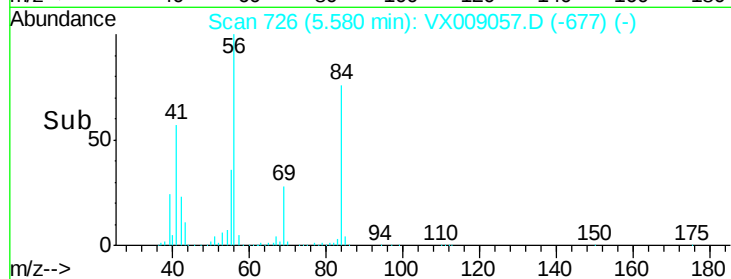
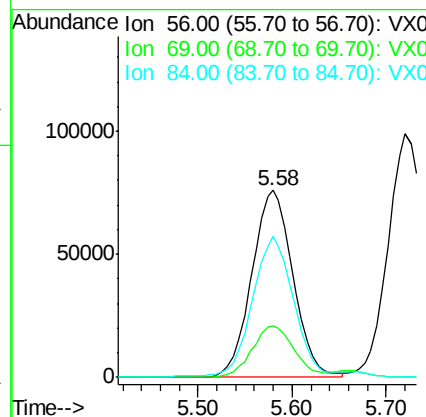
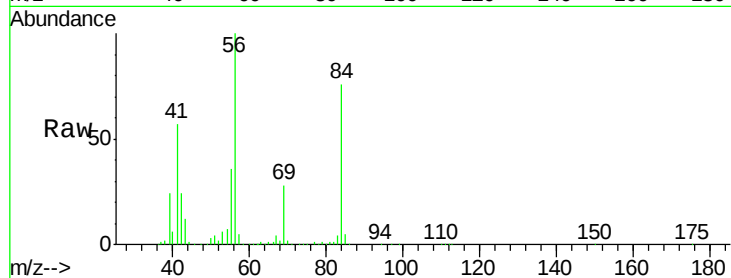
#31
Cyclohexane
Concen: 53.665 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	23.3	34.9
84	74.4	61.7	92.5

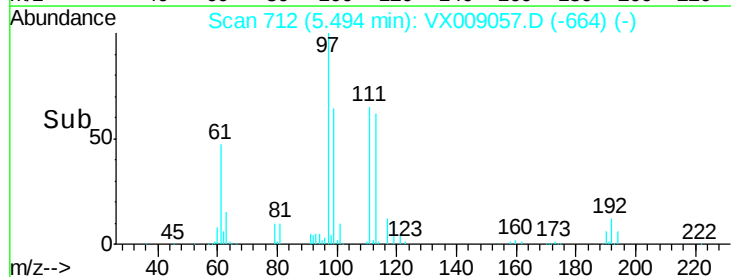
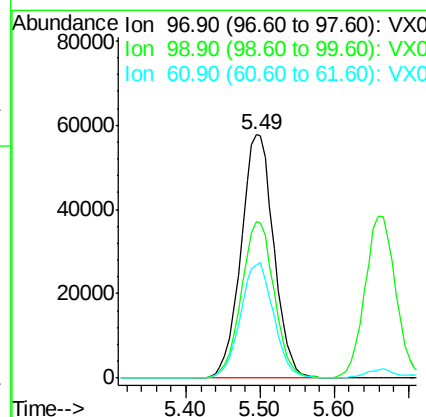
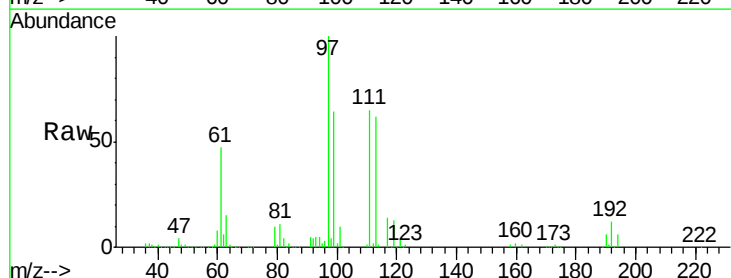
Manual Integrations
APPROVED

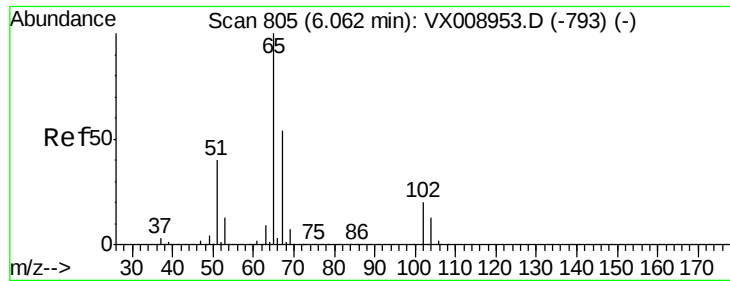
MMDadoda
4/19/2019 9:12:04 AM



#32
1,1,1-Trichloroethane
Concen: 54.502 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	48.1	37.9	56.9





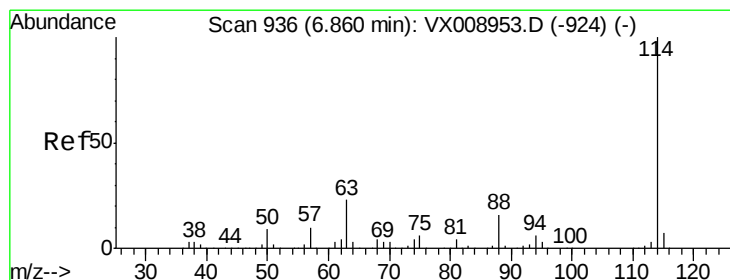
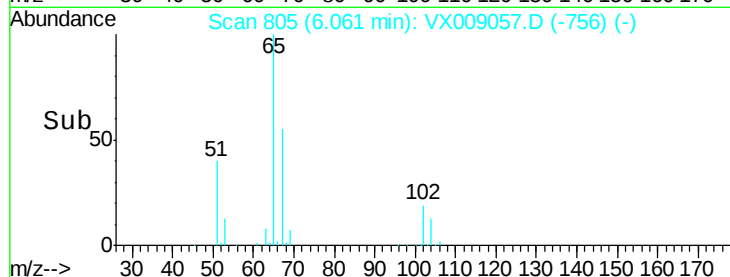
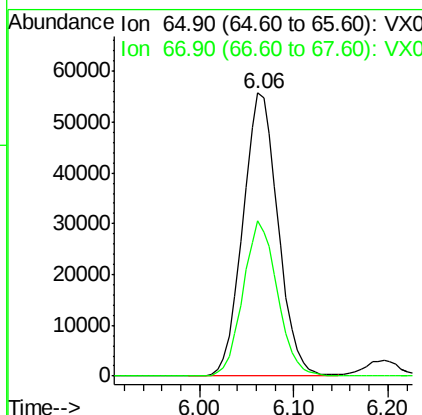
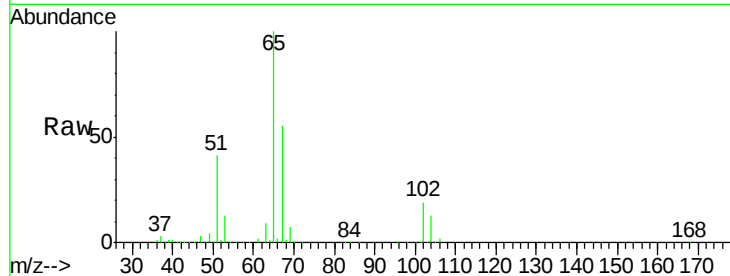
#33
 1,2-Dichloroethane-d4
 Concen: 53.638 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.6

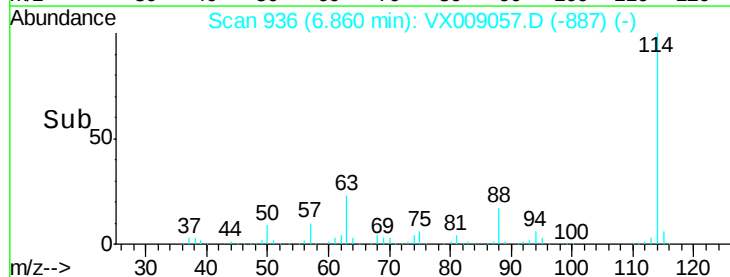
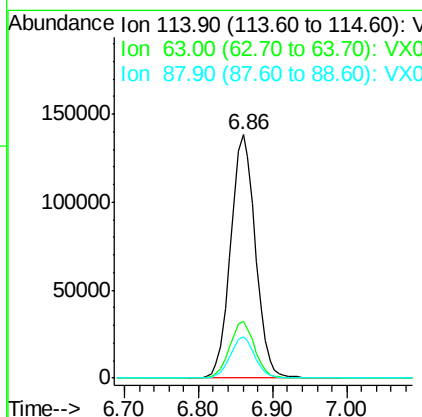
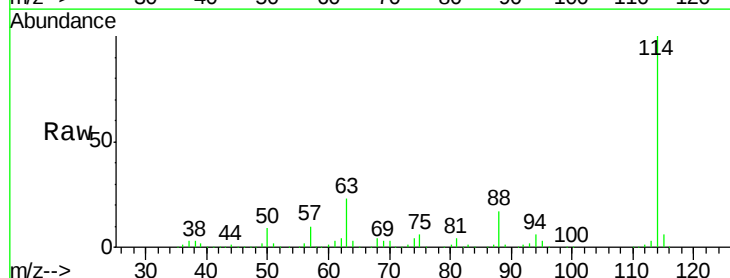
Manual Integrations
 APPROVED

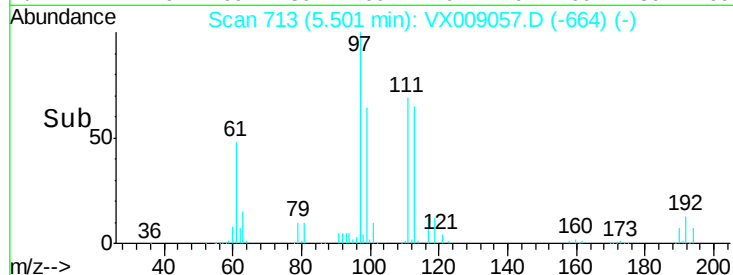
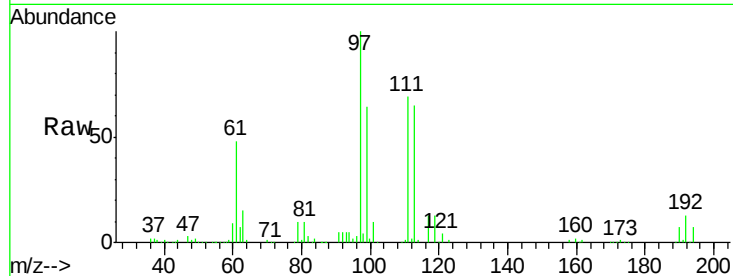
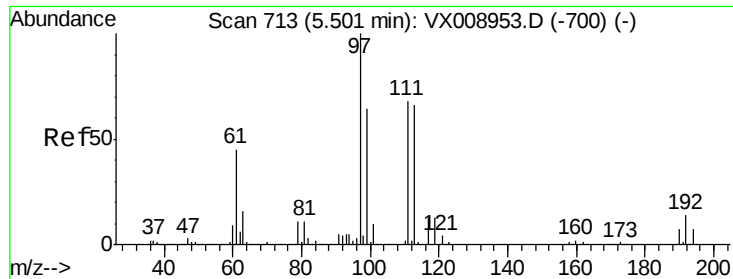
MMDadoda
 4/19/2019 9:12:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.0
88	16.7	0.0	32.6





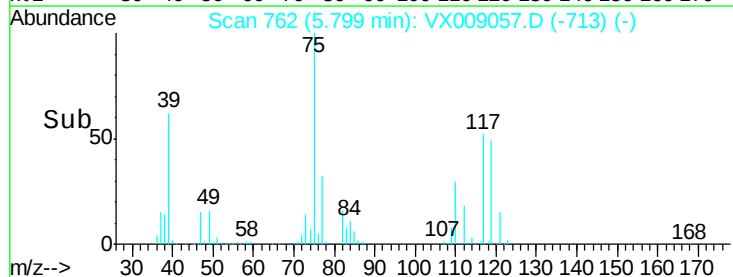
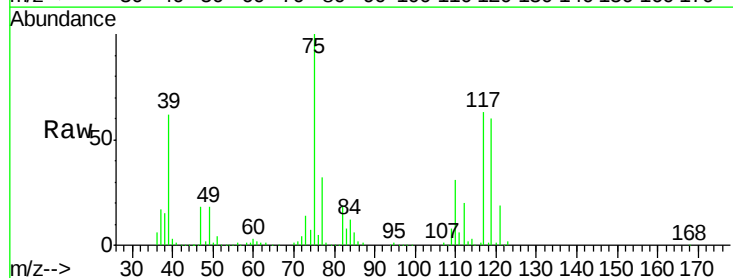
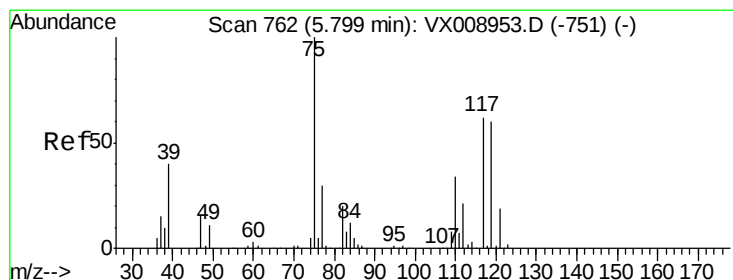
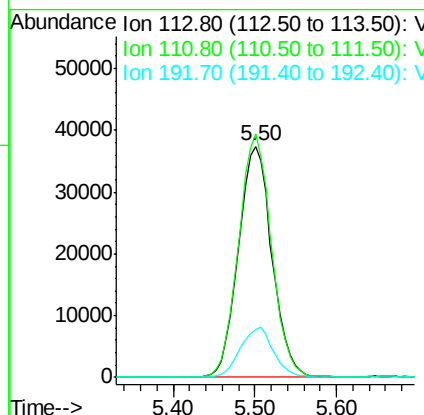
#35
Dibromofluoromethane
Concen: 51.513 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106844		
111	103.4	82.9	124.3	
192	21.4	17.4	26.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

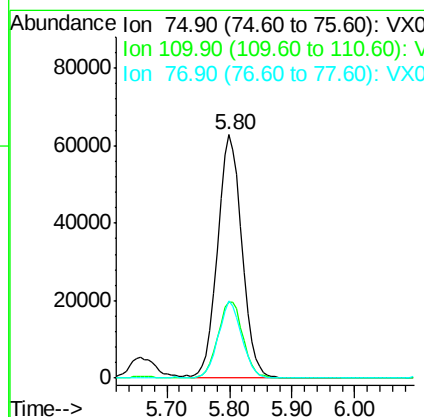
Manual Integrations
APPROVED

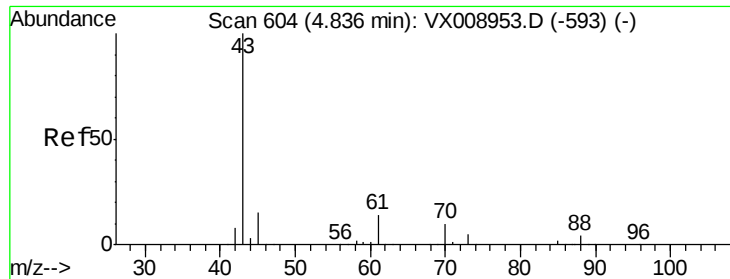
MMDadoda
4/19/2019 9:12:04 AM



#36
1,1-Dichloropropene
Concen: 50.456 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168645		
110	32.5	16.9	50.7	
77	30.4	25.0	37.4	





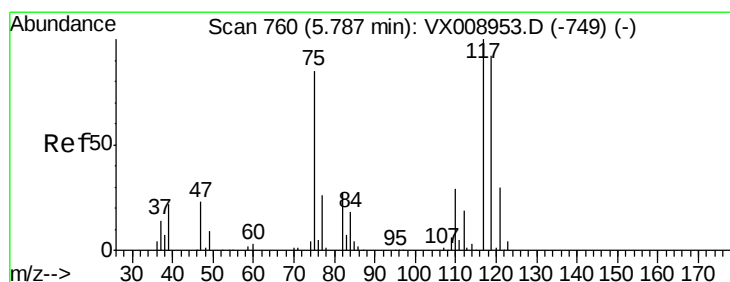
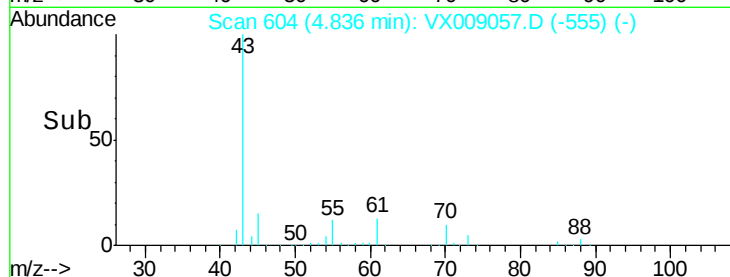
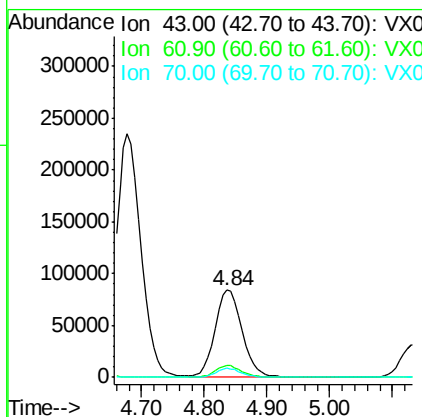
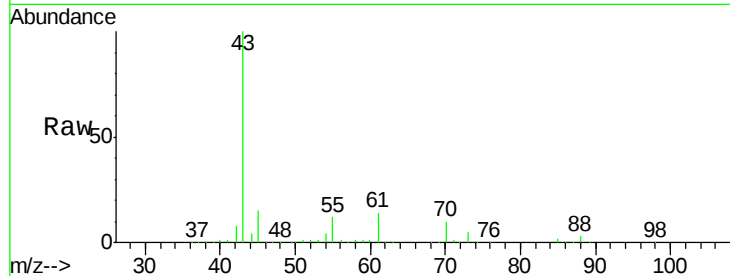
#37
Ethyl Acetate
Concen: 58.664 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.6	15.8
70	9.6	7.7	11.5

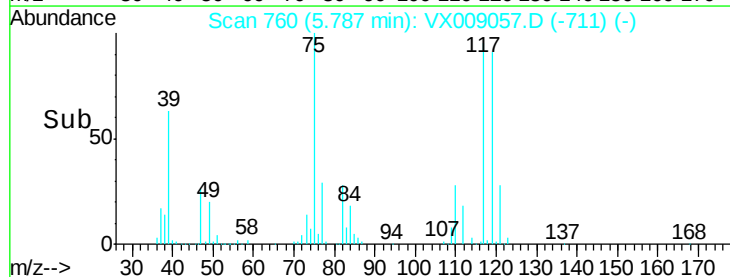
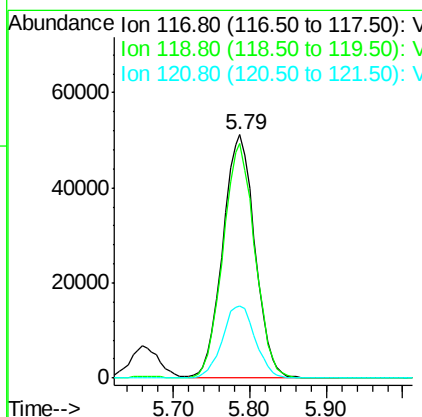
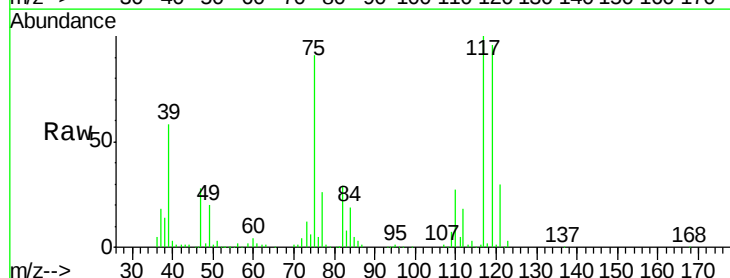
Manual Integrations
APPROVED

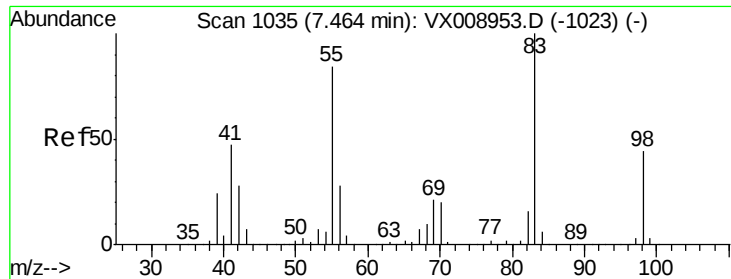
MMDadoda
4/19/2019 9:12:04 AM



#38
Carbon Tetrachloride
Concen: 52.438 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.8	110.8
121	29.9	23.6	35.4





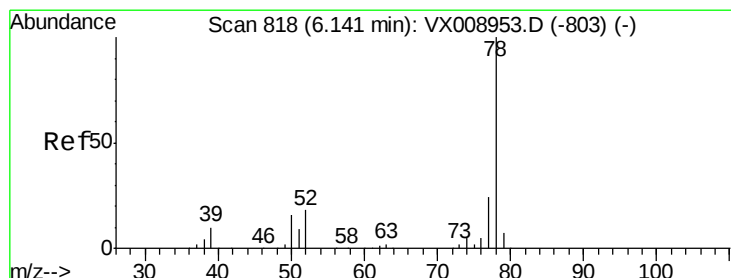
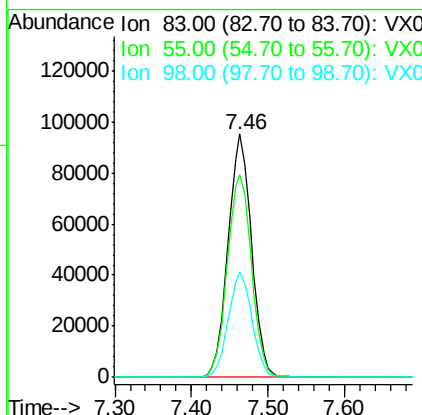
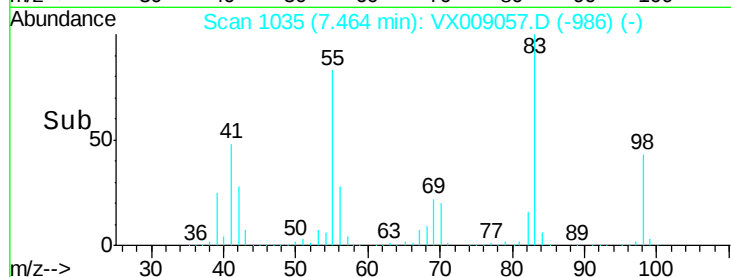
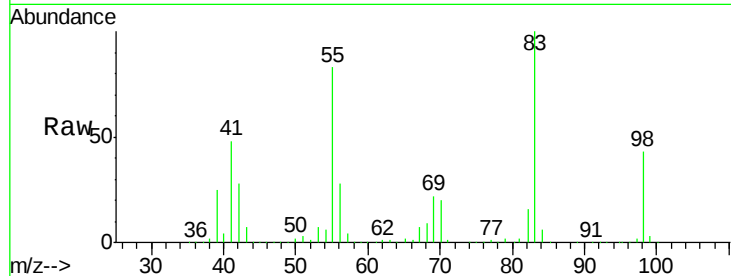
#39
Methvlcvclohexane
Concen: 49.451 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.0	67.1	100.7
98	43.2	35.1	52.7

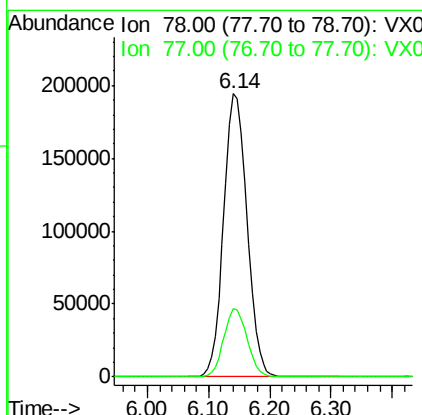
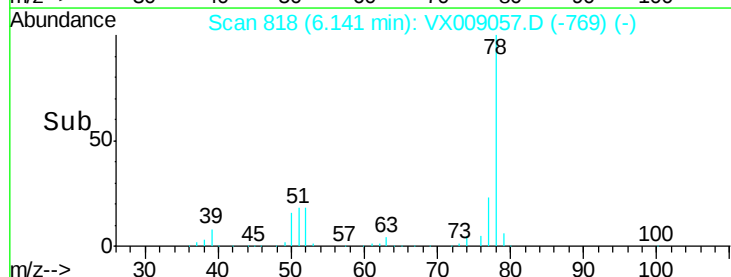
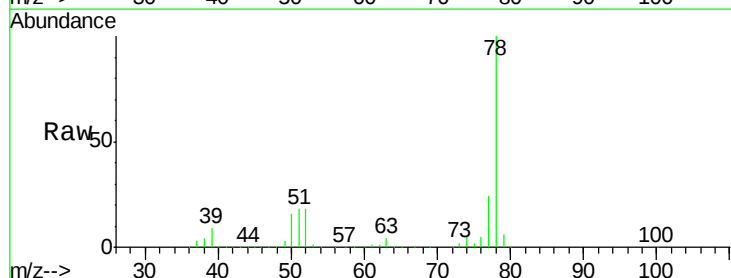
Manual Integrations
APPROVED

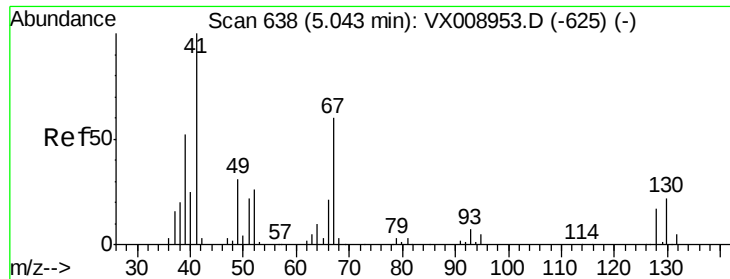
MMDadoda
4/19/2019 9:12:04 AM



#40
Benzene
Concen: 52.182 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41

Methacrylonitrile

Concen: 56.120 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

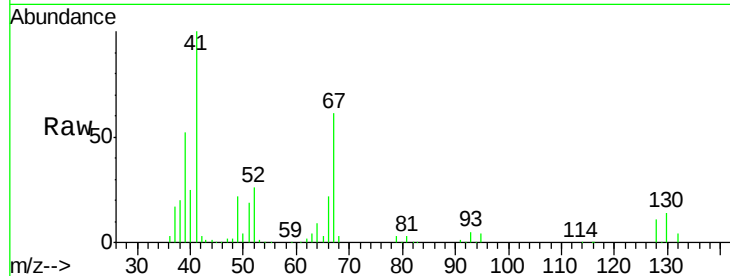
ClientSampleId :

VSTDCCC050EC

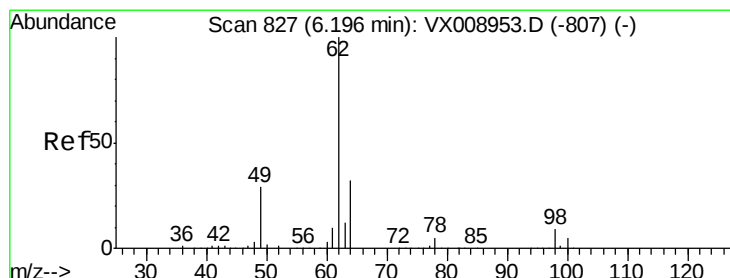
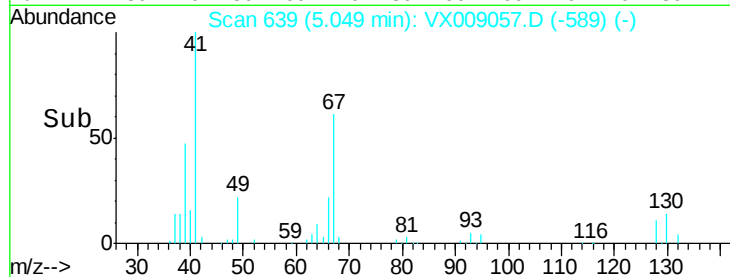
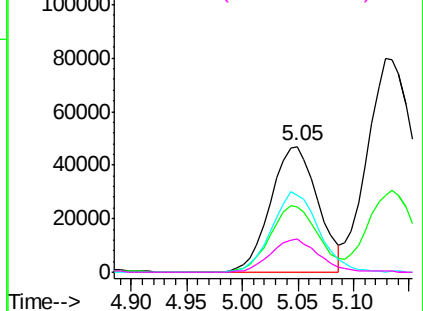
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	41.8	62.6	
67	63.9	50.2	75.4	
52	26.8	21.1	31.7	

Manual Integrations
APPROVED

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.427 ug/l

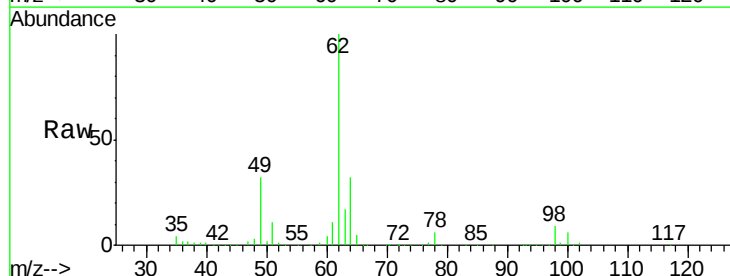
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

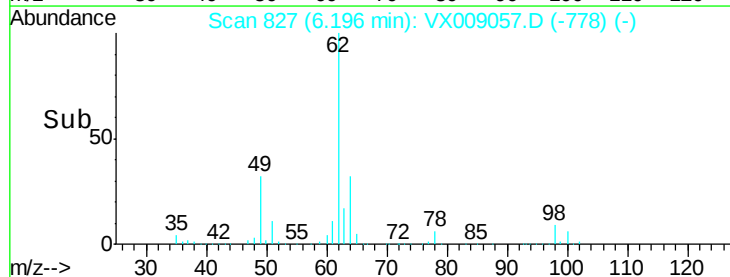
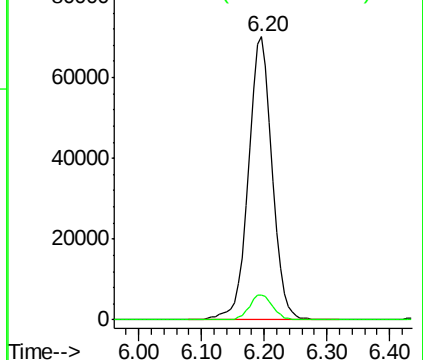
Lab File: VX009057.D

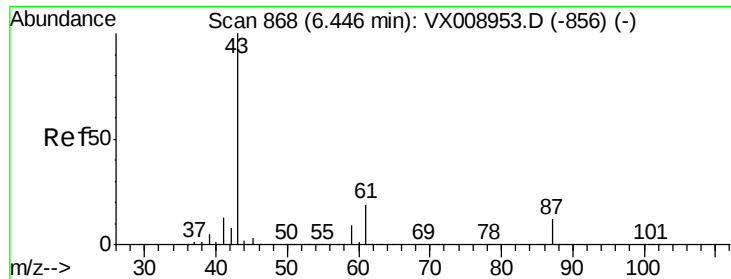
Acq: 18 Apr 2019 20:26

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

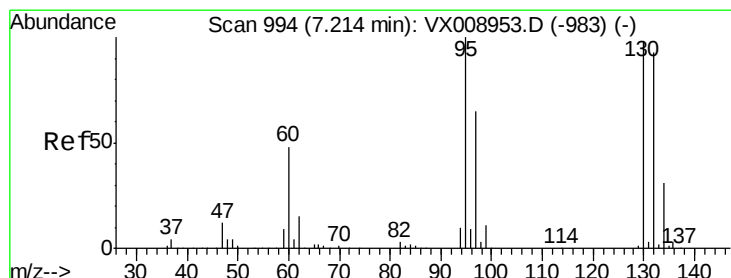
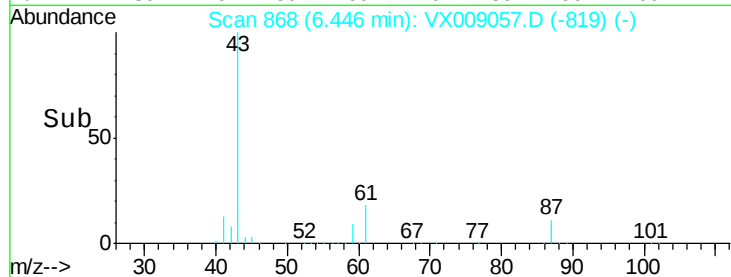
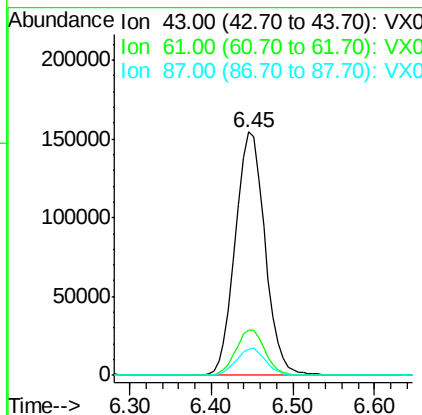
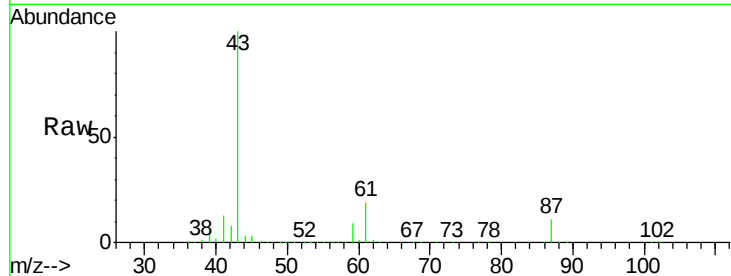
Isopropyl Acetate
 Concen: 55.836 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.0
87	11.0	9.0	13.4

Manual Integrations
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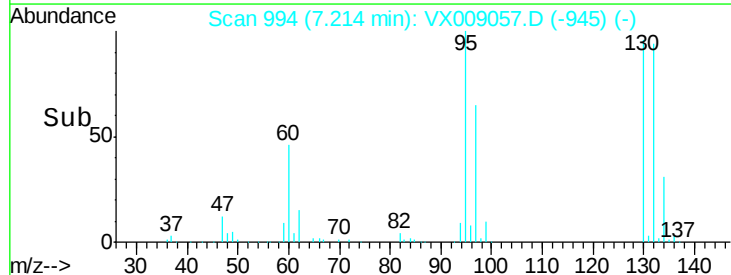
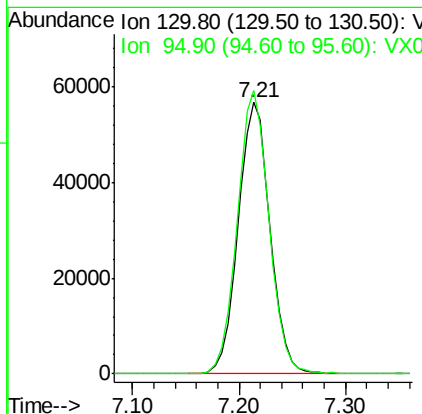
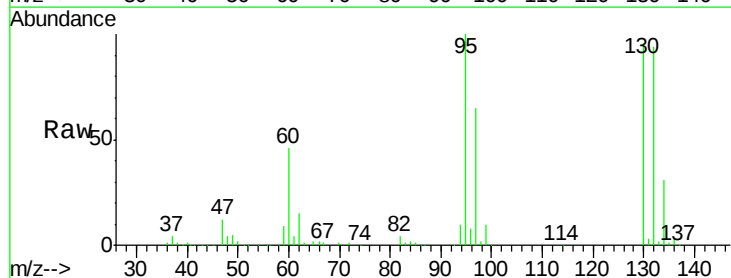
MMDadoda
 4/19/2019 9:12:04 AM

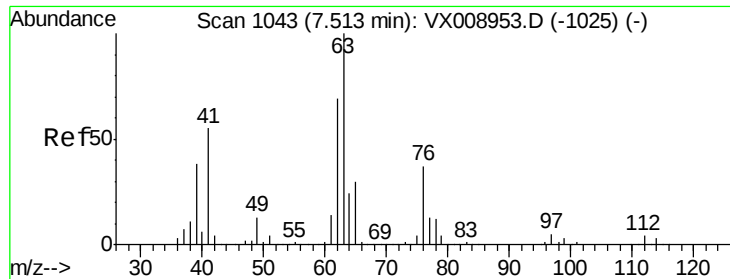


#44

Trichloroethene
 Concen: 49.273 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	203.2





#45

1,2-Dichloropropane

Concen: 53.693 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146880

Ion Ratio Lower Upper

63 100

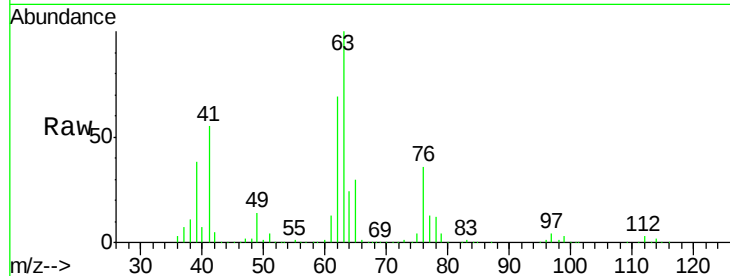
65 30.3 24.1 36.1

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

40000

20000

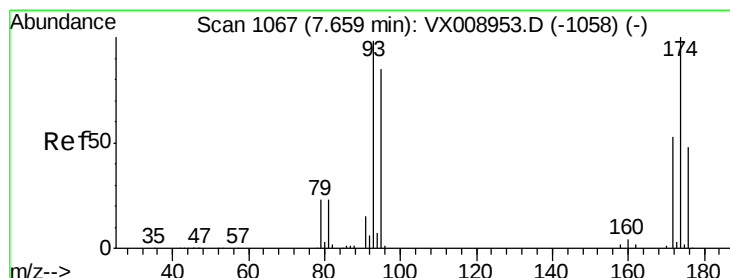
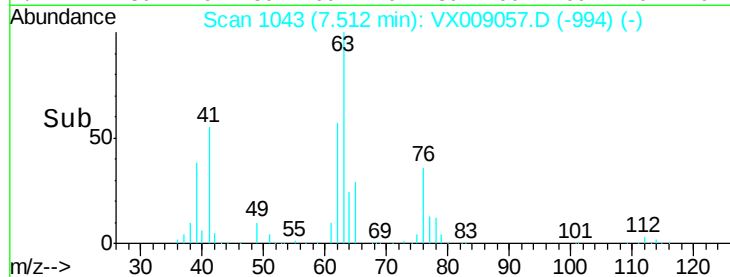
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 52.248 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

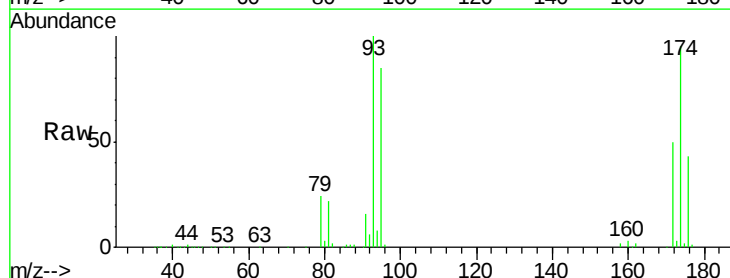
Tgt Ion: 93 Resp: 83179

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.4

174 101.6 81.6 122.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

60000

50000

40000

30000

20000

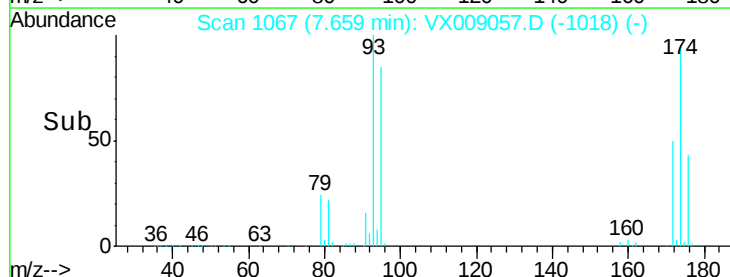
10000

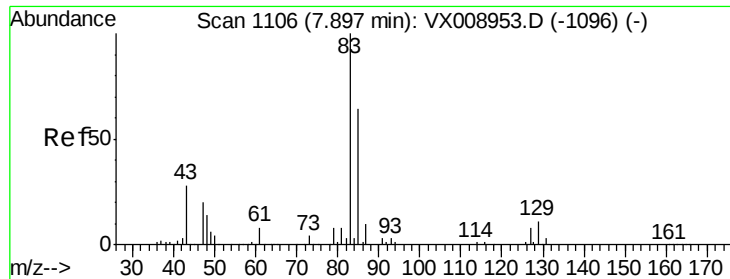
0

Time-->

7.60

7.70





#47

Bromodichloromethane

Concen: 52.929 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

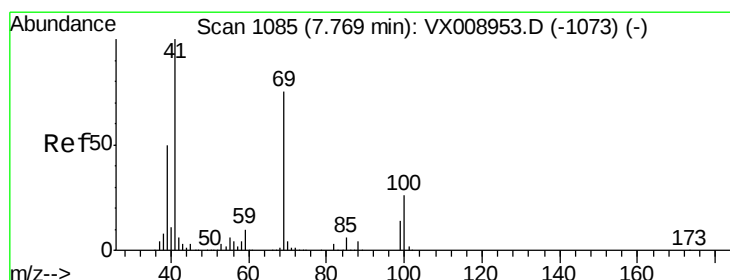
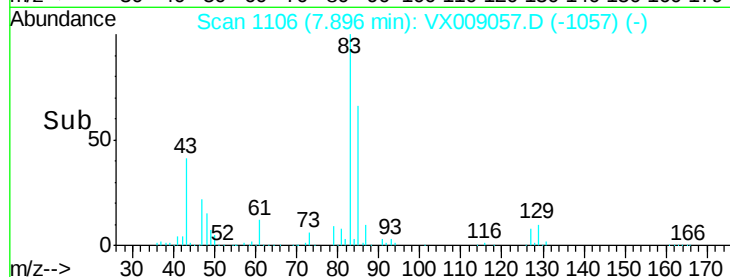
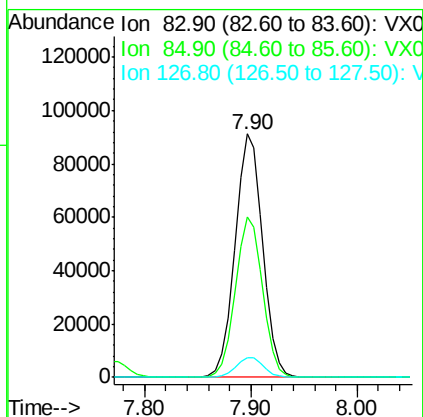
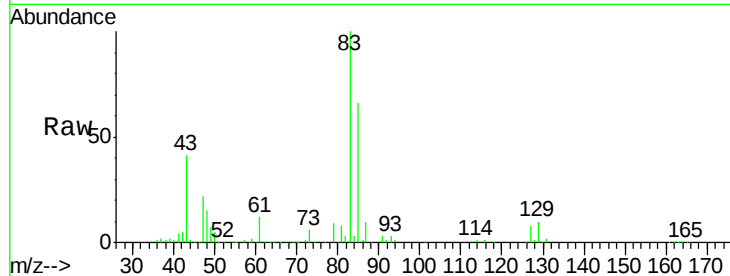
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	165273
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.8	76.2
127	8.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.139 ug/l

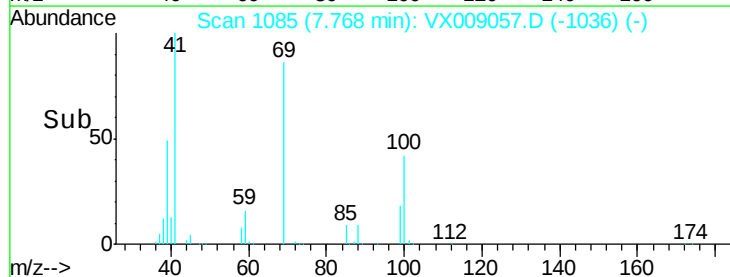
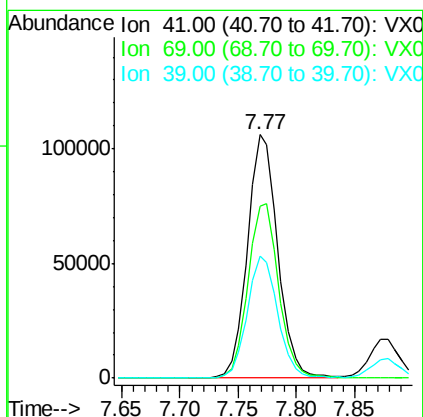
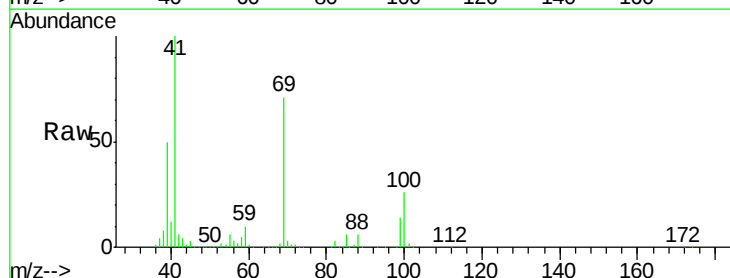
RT: 7.77 min Scan# 1085

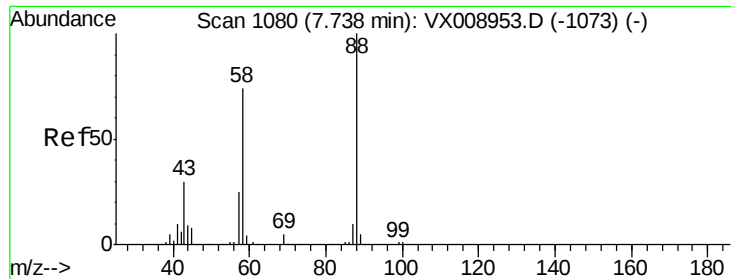
Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	41	Resp:	192259
Ion	Ratio	Lower	Upper
41	100		
69	73.2	59.4	89.2
39	50.1	39.8	59.6





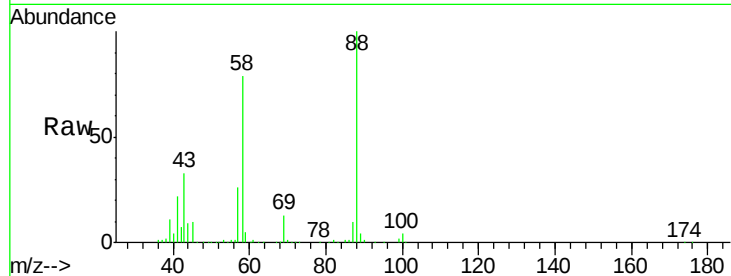
#49
1,4-Dioxane
Concen: 1064.627 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.4	29.3	43.9
58	81.6	62.6	93.8

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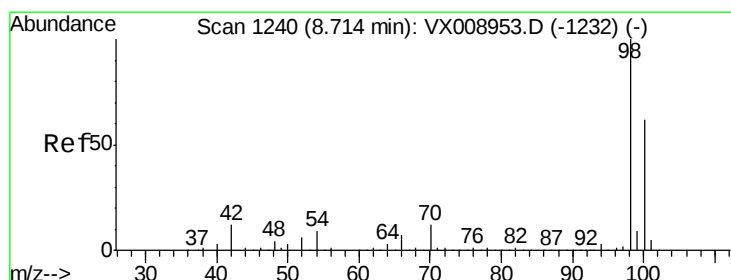
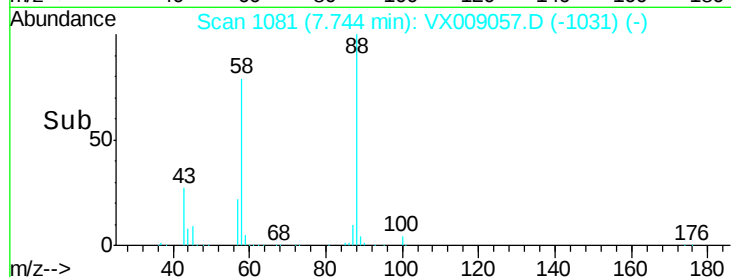
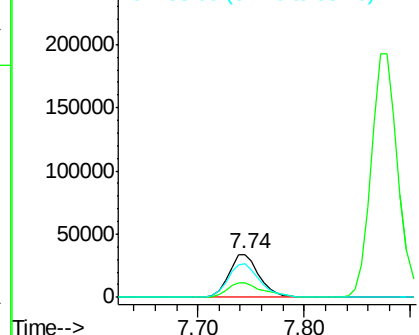


Abundance

Ion 88.00 (87.70 to 88.70): VX0

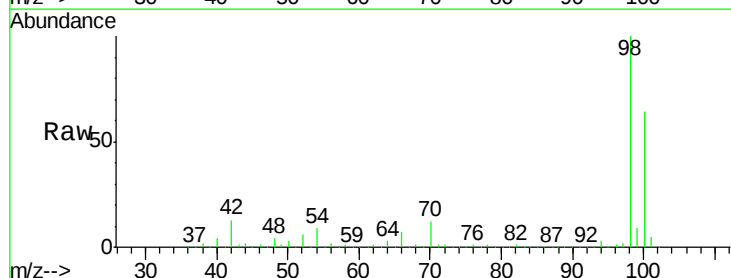
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.011 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

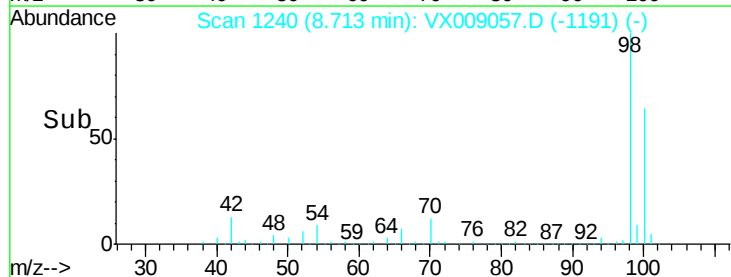
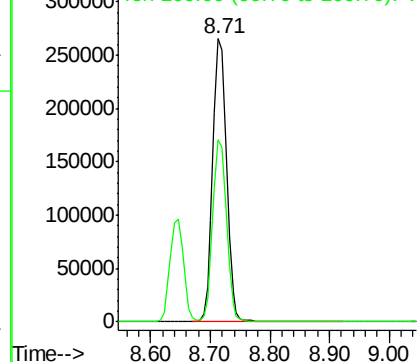
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2

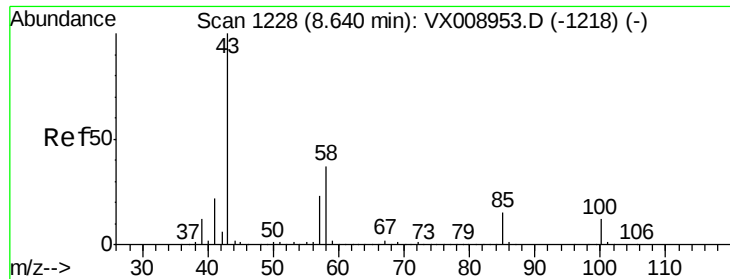


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





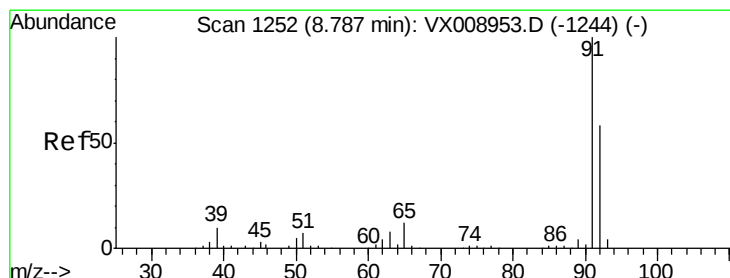
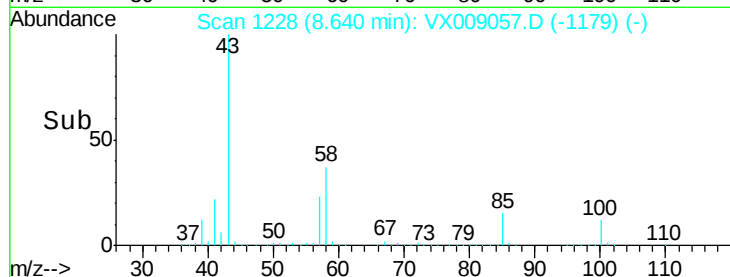
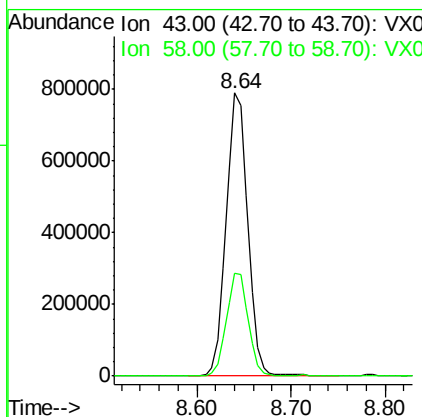
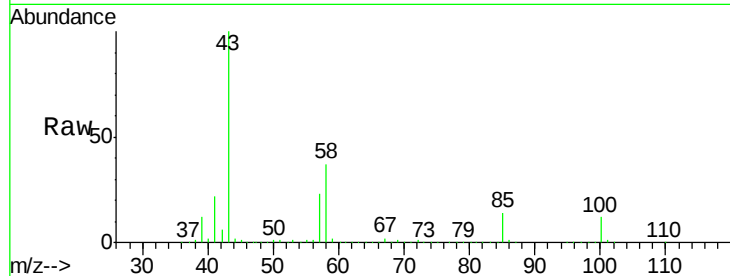
#51
4-Methyl-2-Pentanone
Concen: 284.830 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1257689
Ion Ratio Lower Upper
43 100
58 36.5 29.8 44.6

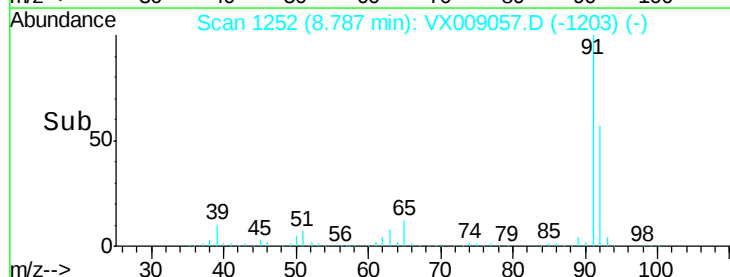
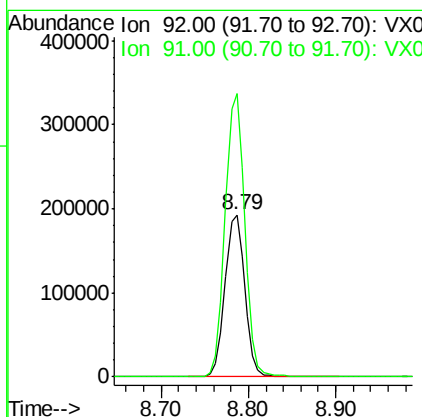
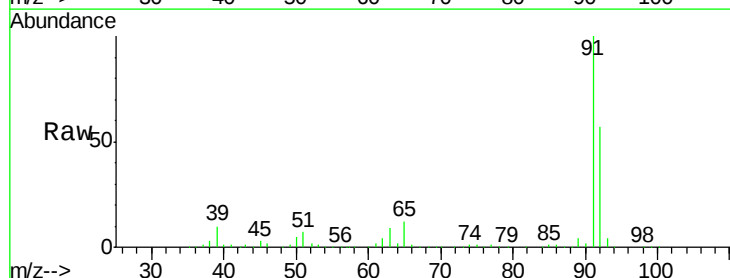
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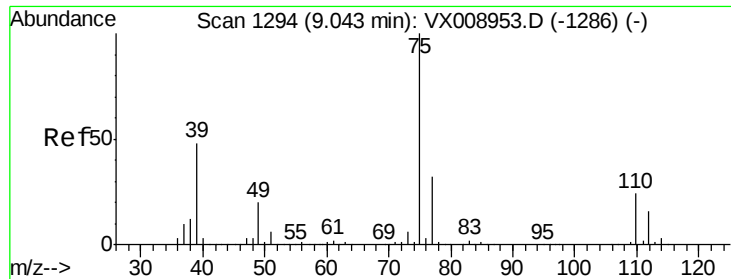
MMDadoda
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#52
Toluene
Concen: 51.217 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion: 92 Resp: 302667
Ion Ratio Lower Upper
92 100
91 173.5 138.5 207.7





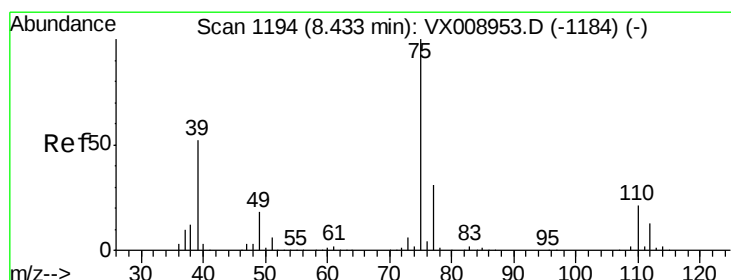
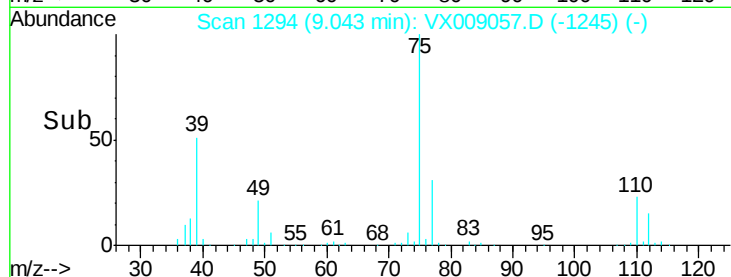
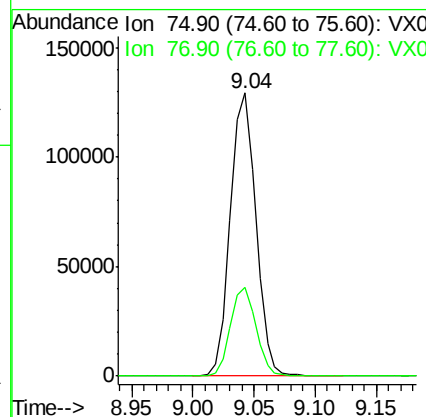
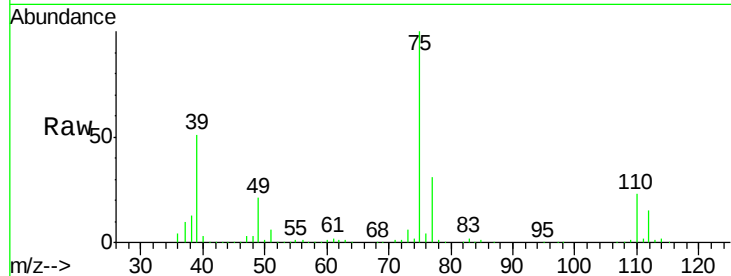
#53
 t-1,3-Dichloropropene
 Concen: 52.082 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 187162
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.2

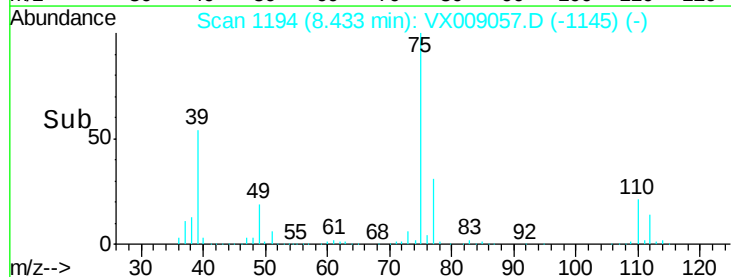
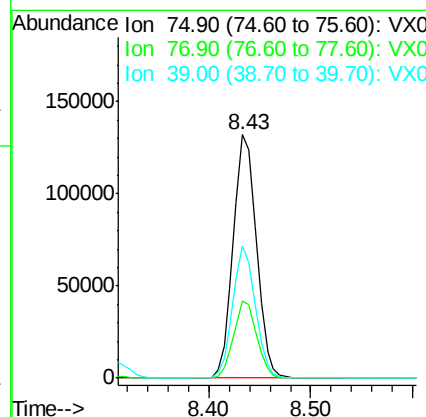
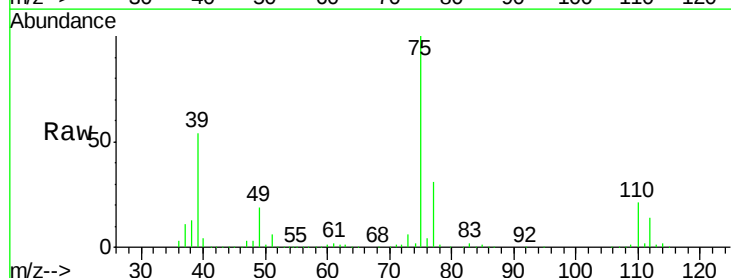
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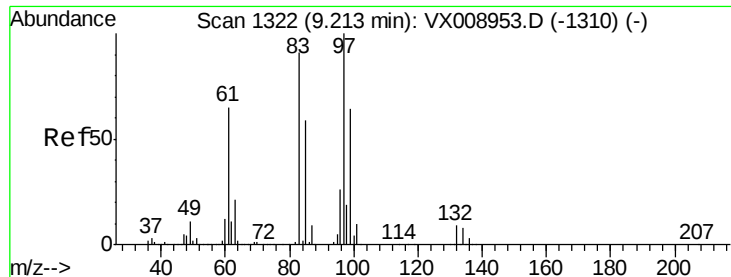
MMDadoda
 4/19/2019 9:12:04 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.760 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion: 75 Resp: 208272
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 54.0 41.8 62.6





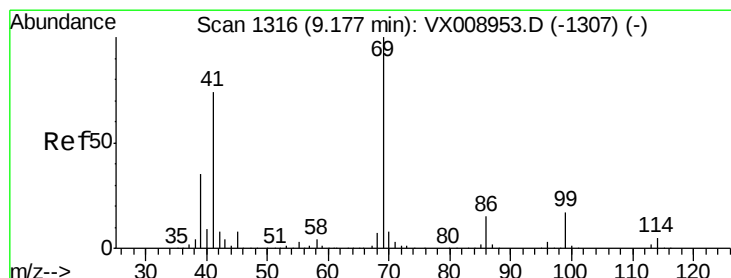
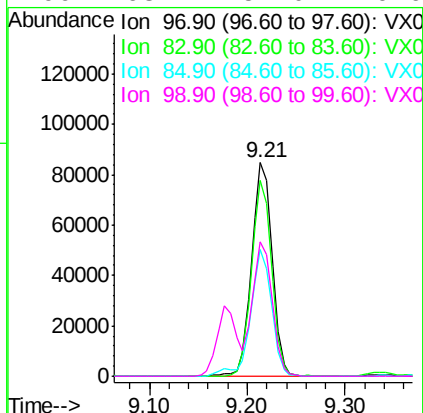
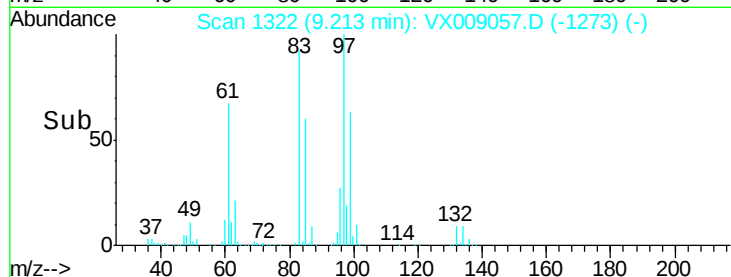
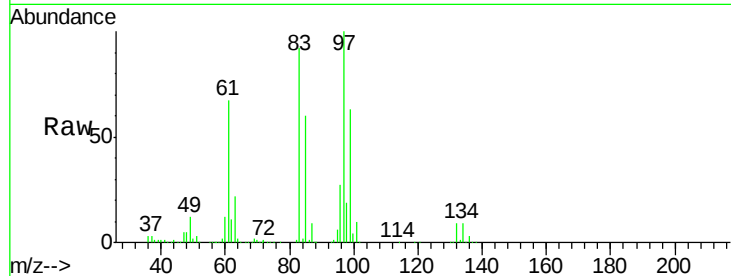
#55
 1,1,2-Trichloroethane
 Concen: 52.982 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	124091
Ion	Ratio	Lower	Upper
97	100		
83	91.9	72.6	108.8
85	59.5	46.9	70.3
99	63.1	51.0	76.6

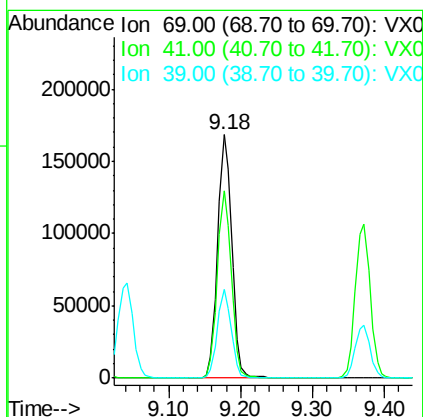
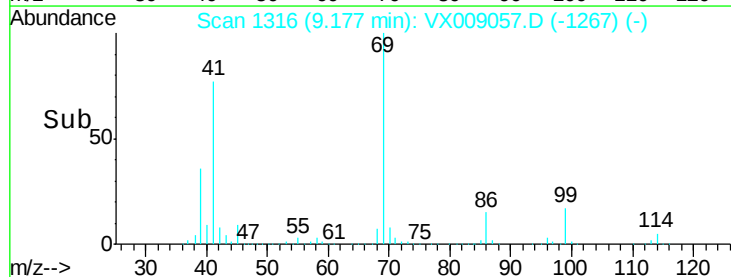
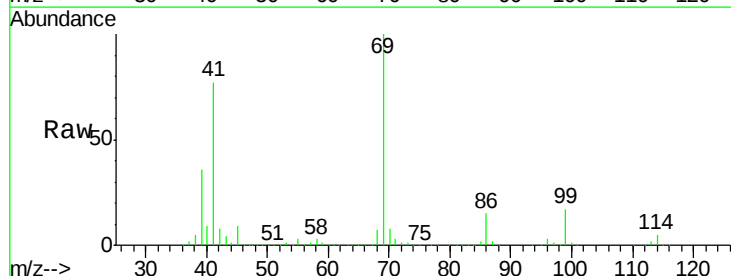
Manual Integrations
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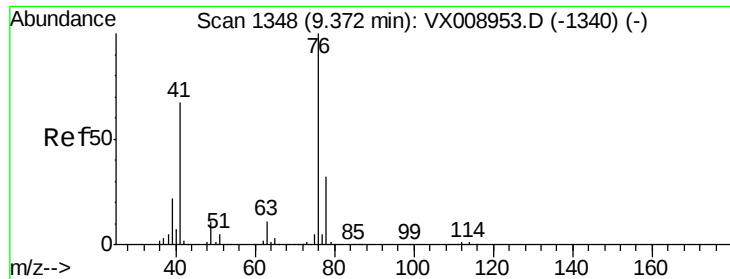
MMDadoda
 4/19/2019 9:12:04 AM



#56
 Ethyl methacrylate
 Concen: 54.626 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion:	69	Resp:	229407
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.2	27.9	41.9





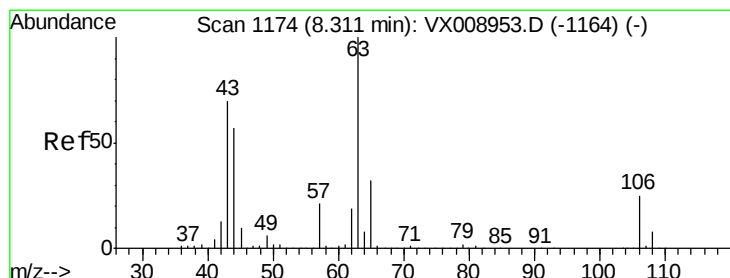
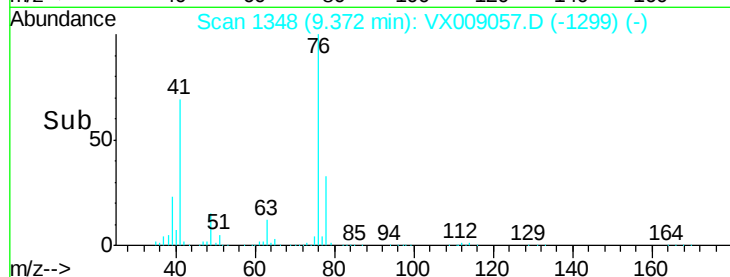
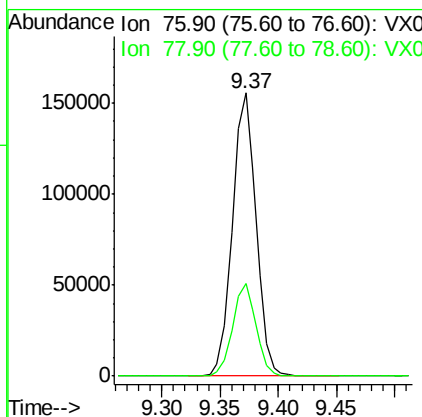
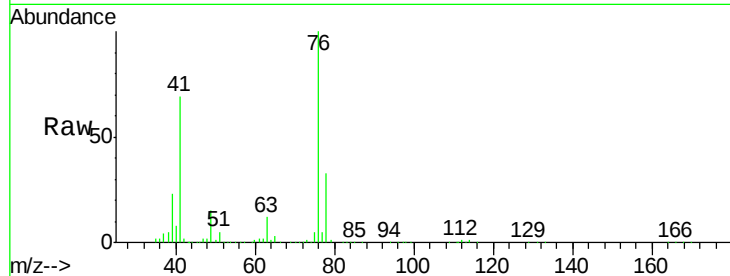
#57
 1,3-Dichloropropane
 Concen: 52.845 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 220372
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

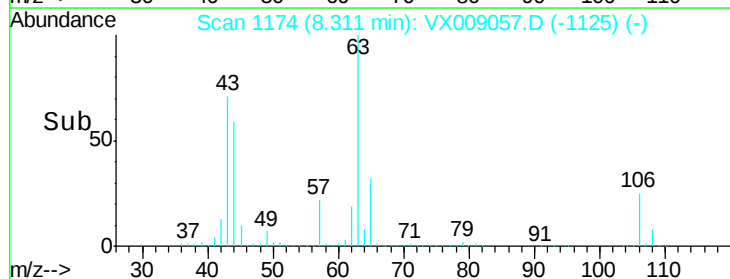
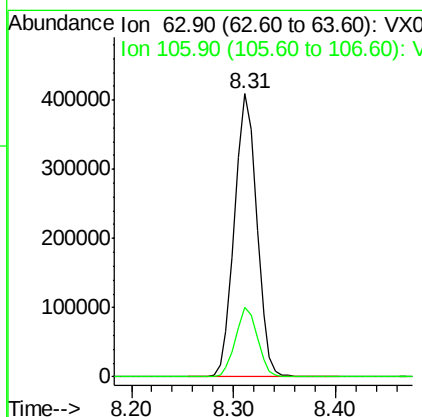
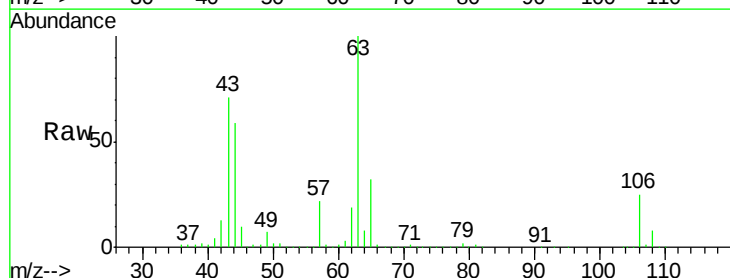
Manual Integrations
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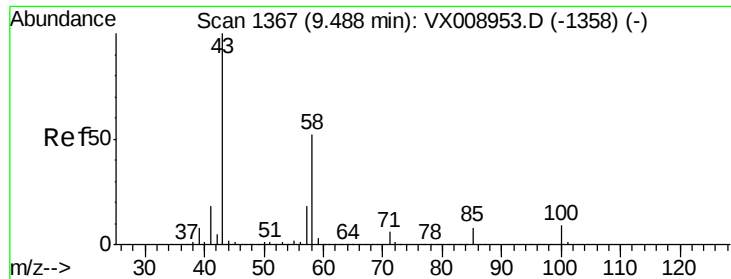
MMDadoda
 4/19/2019 9:12:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.574 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion: 63 Resp: 618691
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.6





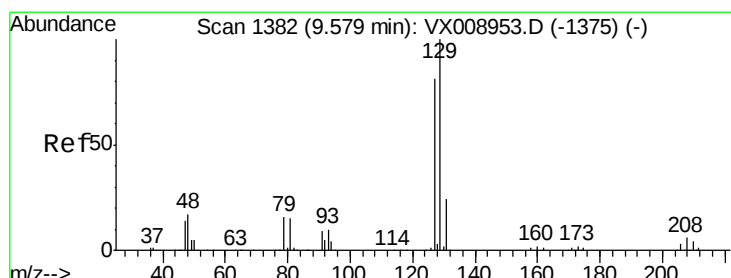
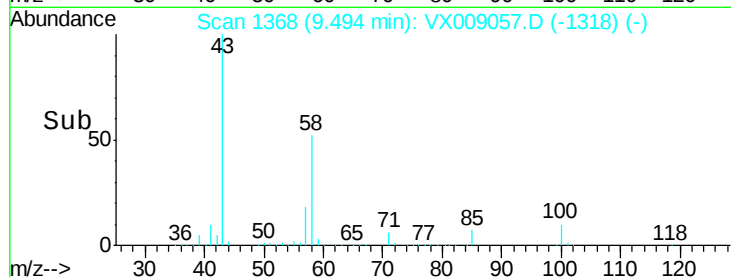
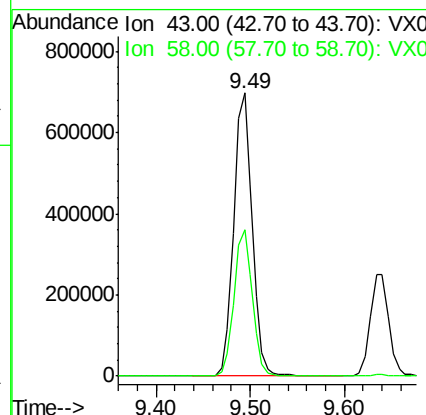
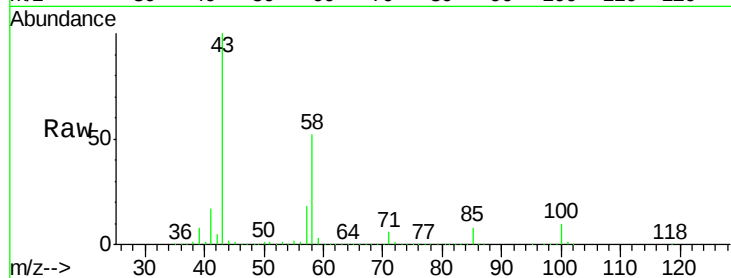
#59
2-Hexanone
Concen: 278.557 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 948296
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

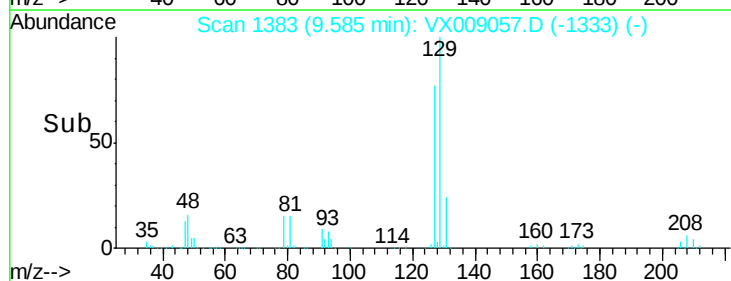
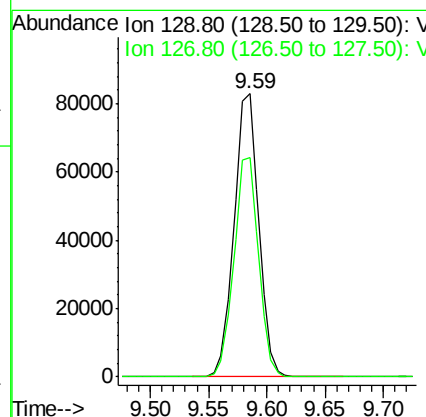
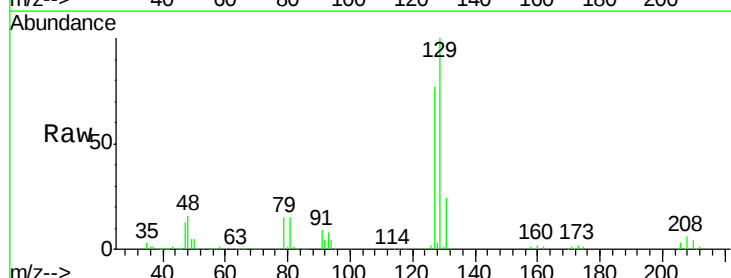
Manual Integrations
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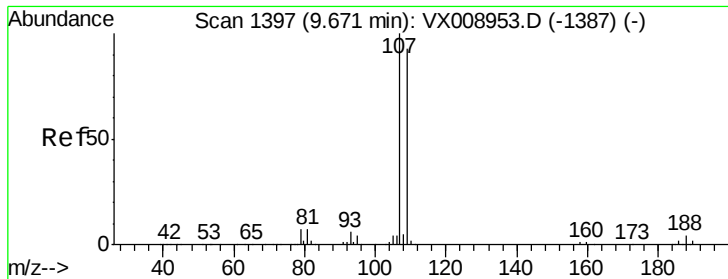
MMDadoda
4/19/2019 9:12:04 AM



#60
Dibromochloromethane
Concen: 54.596 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion: 129 Resp: 122552
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.122 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 128410

Ion Ratio Lower Upper

107 100

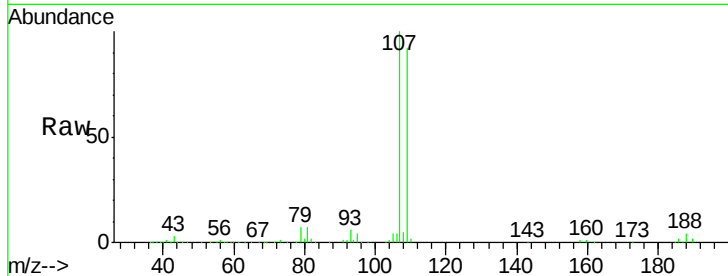
109 92.5 74.4 111.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

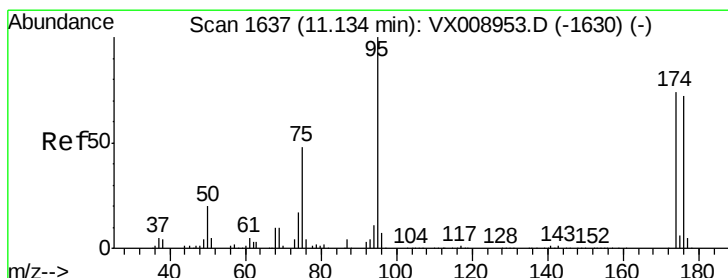
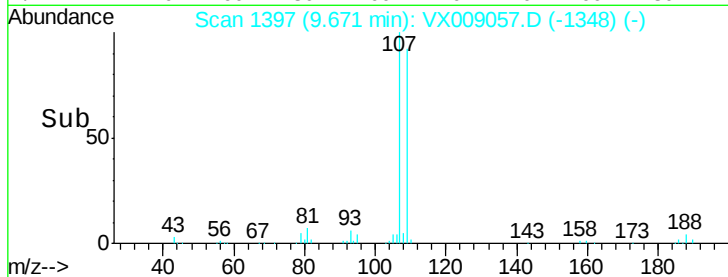
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.495 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

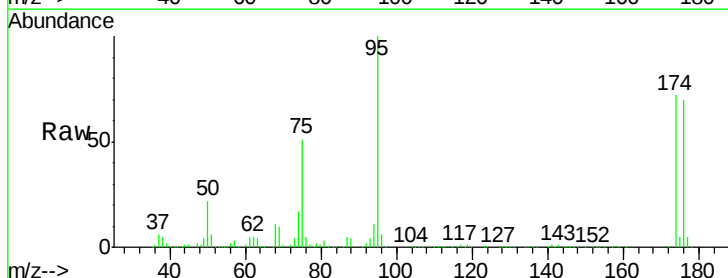
Tgt Ion: 95 Resp: 147443

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.6

176 75.5 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

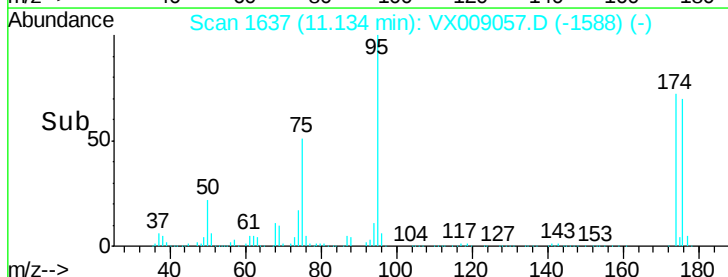
150000

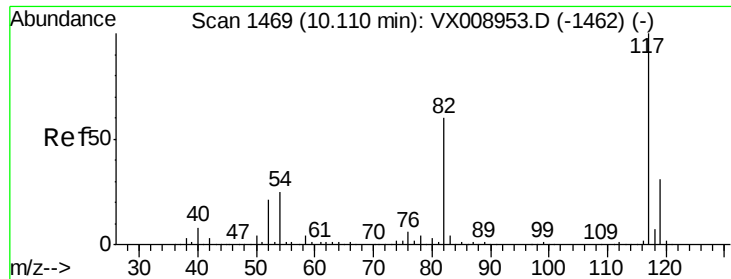
100000

50000

0

Time-->





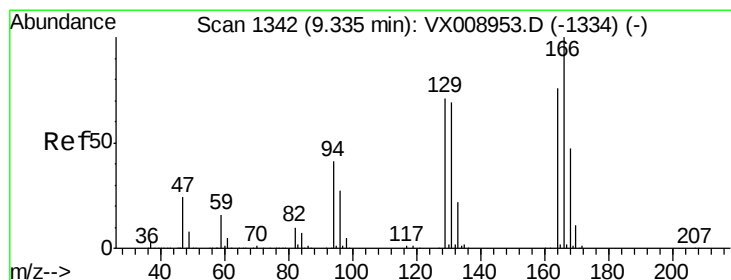
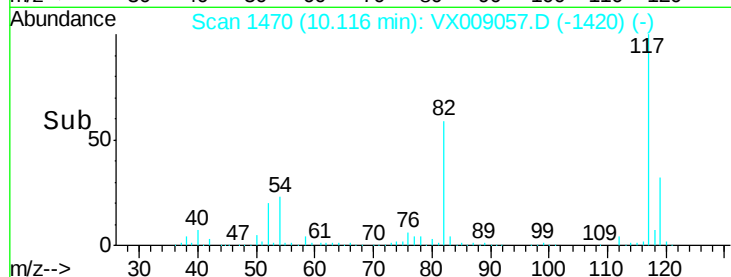
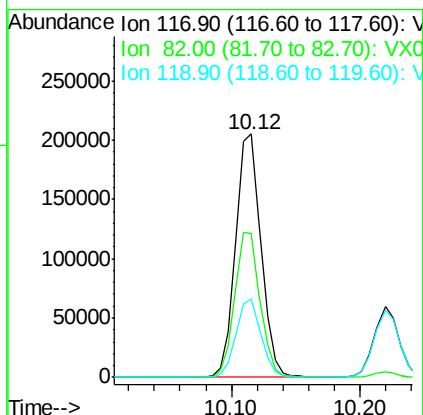
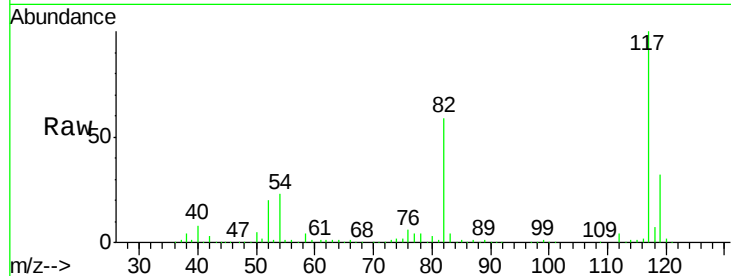
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.2	72.4
119	32.4	25.0	37.6

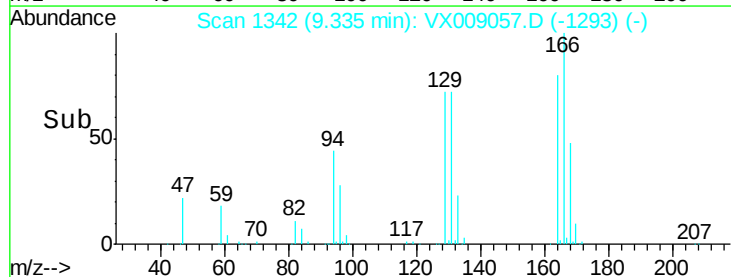
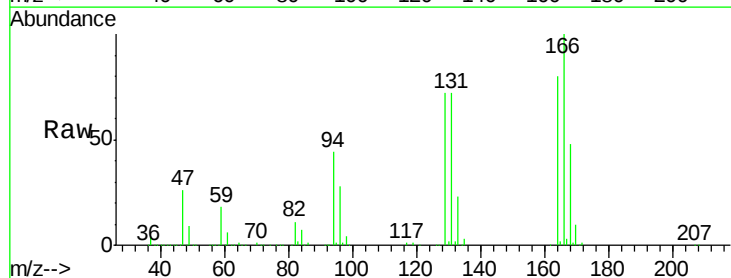
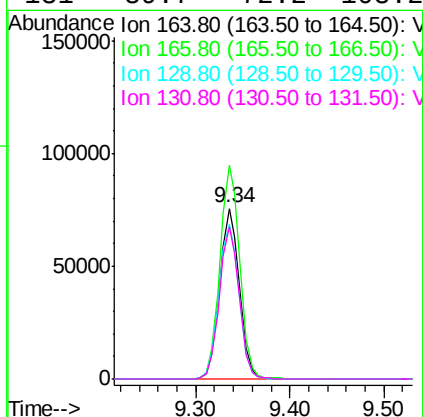
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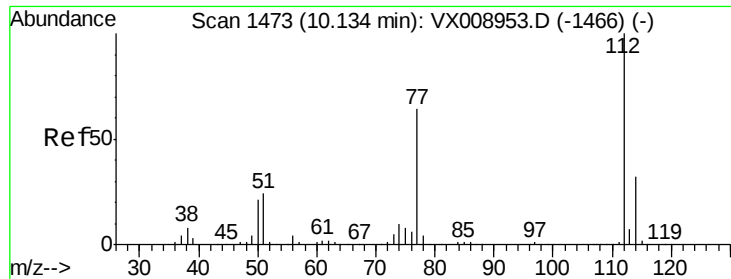
MMDadoda
4/19/2019 9:12:04 AM



#64
Tetrachloroethene
Concen: 50.777 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	105.0	157.4
129	90.9	74.2	111.4
131	89.7	72.2	108.2





#65

Chlorobenzene

Concen: 50.936 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 303884

Ion Ratio Lower Upper

112 100

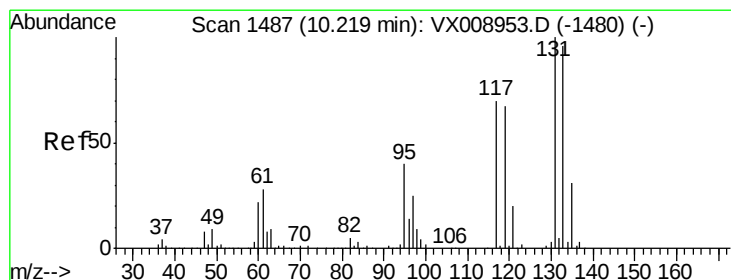
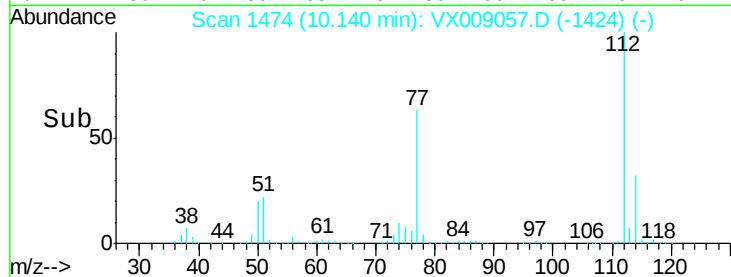
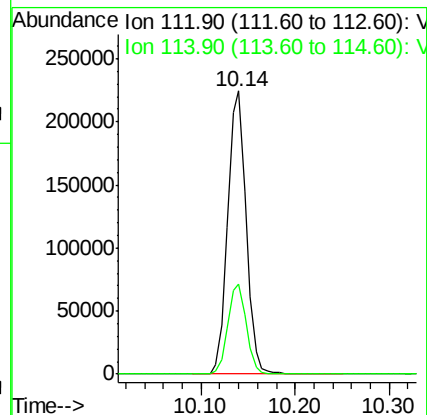
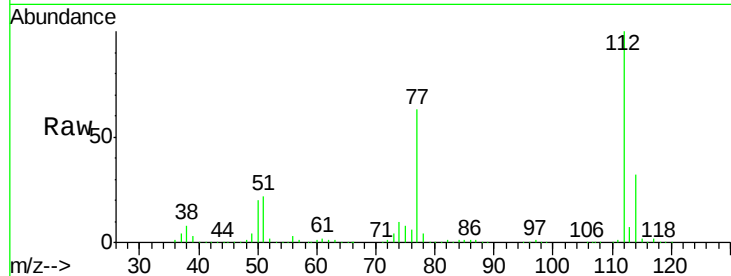
114 32.0 25.4 38.0

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.856 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

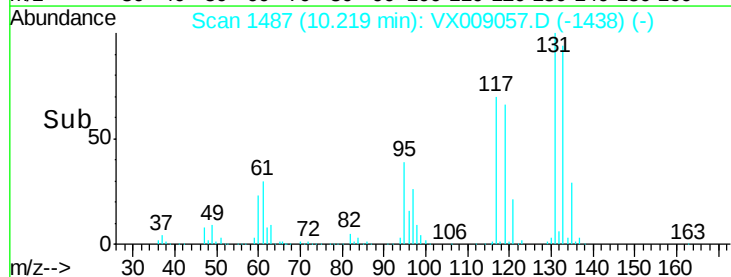
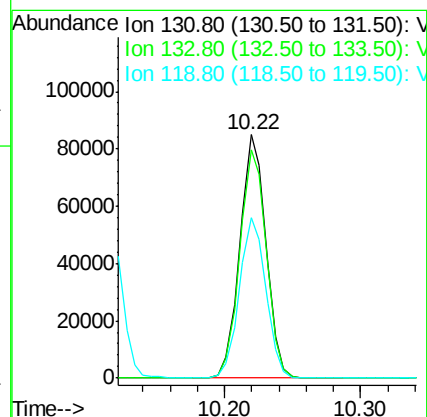
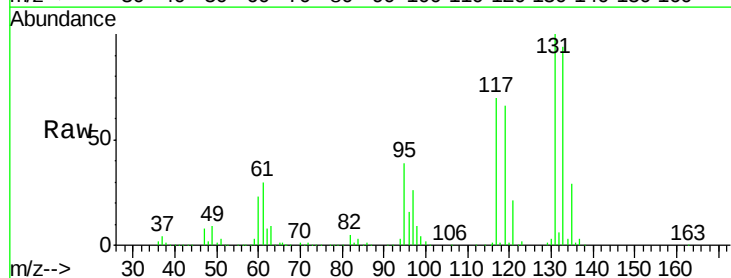
Tgt Ion:131 Resp: 113190

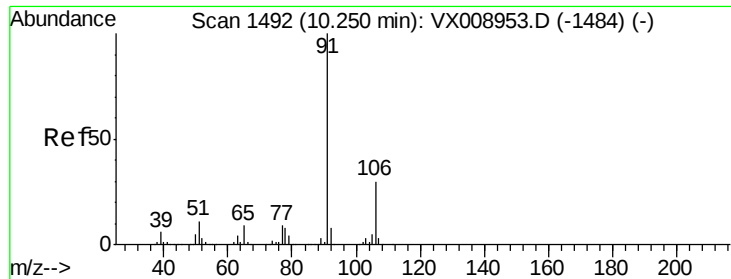
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

119 67.1 33.7 101.1





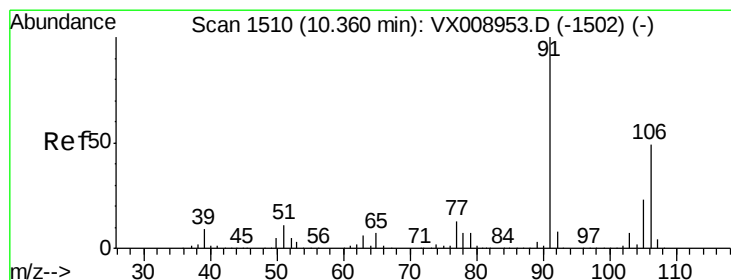
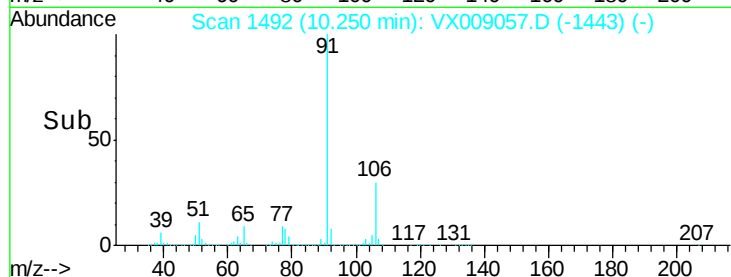
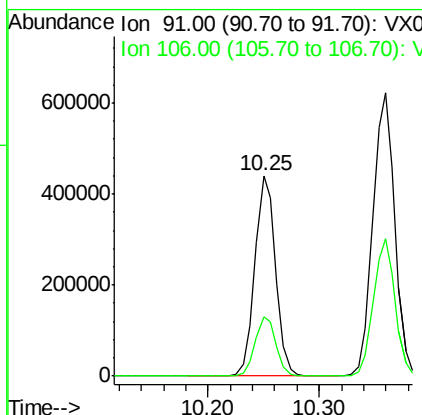
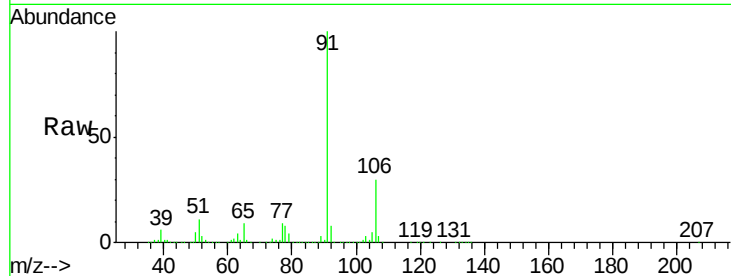
#67
Ethyl Benzene
Concen: 52.269 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.3	36.5

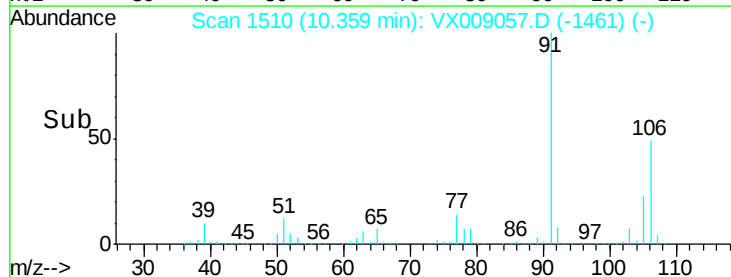
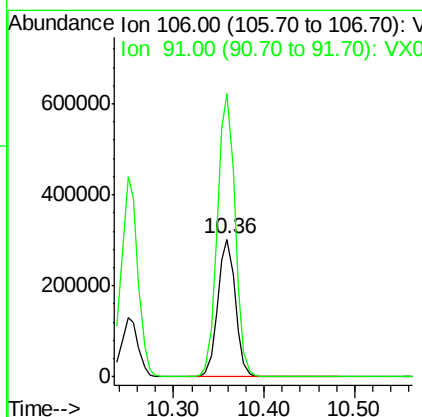
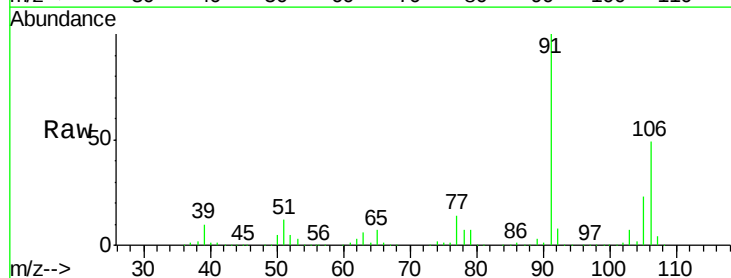
Manual Integrations
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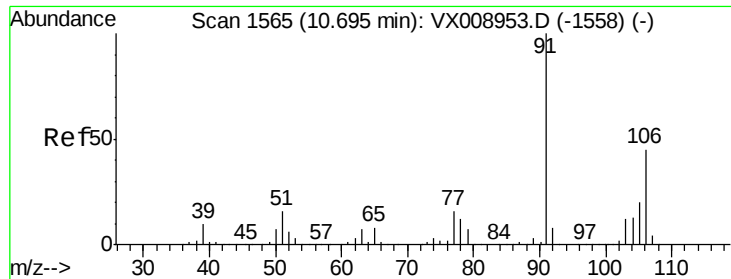
MMDadoda
4/19/2019 9:12:04 AM



#68
m/p-Xylenes
Concen: 103.425 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.0	165.4	248.2





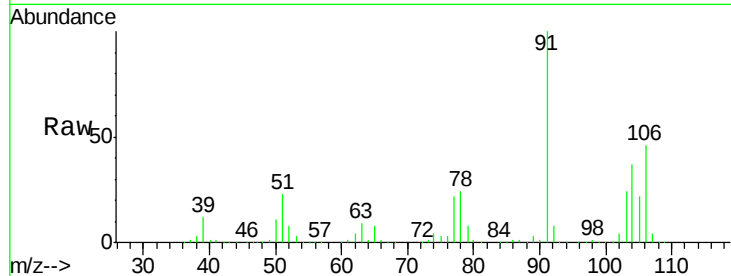
#69
o-Xylene
Concen: 51.306 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

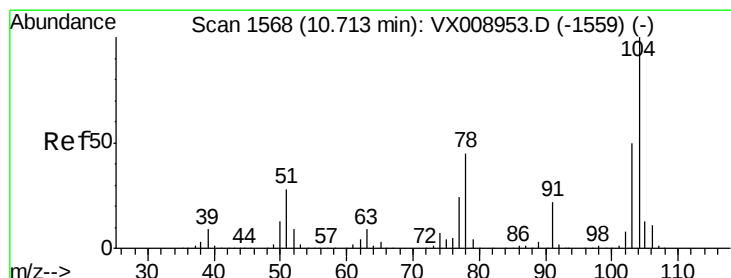
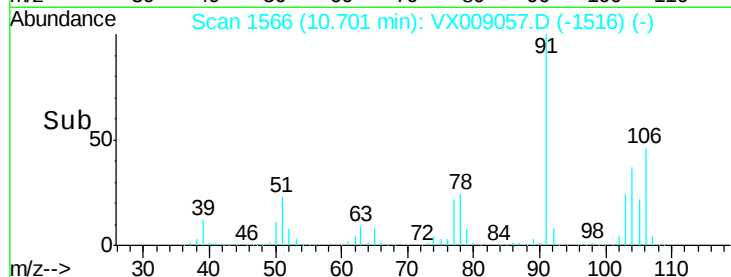
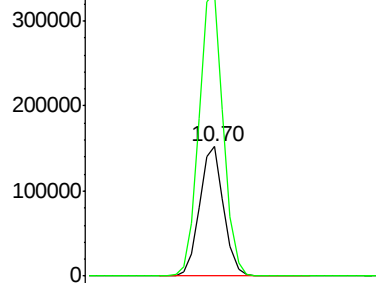
Tot Ion:106 Resp: 197865
Ion Ratio Lower Upper
106 100
91 222.5 108.9 326.7

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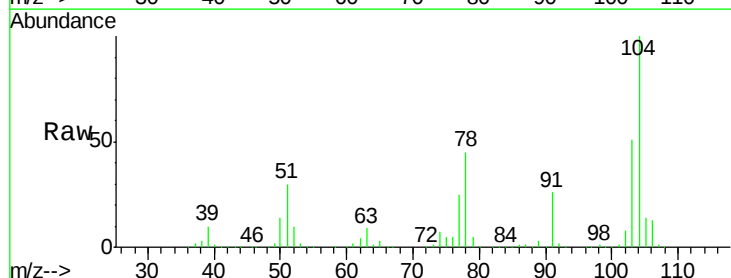


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

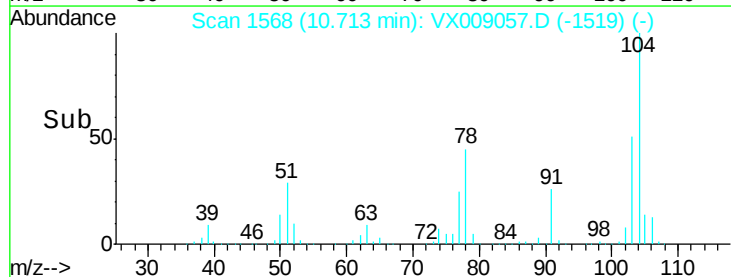
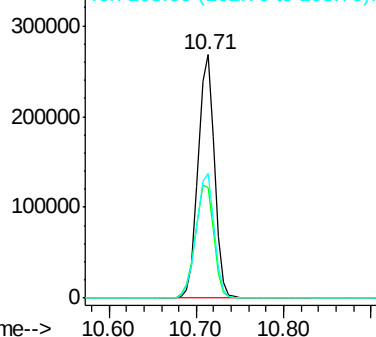


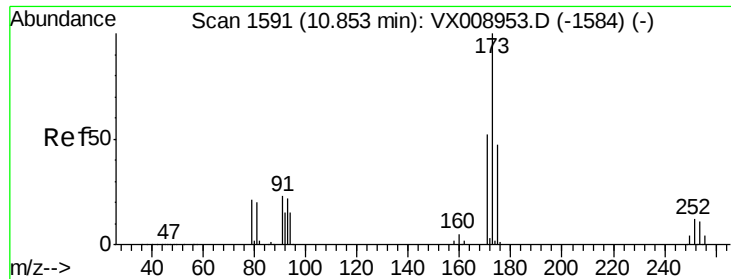
#70
Styrene
Concen: 52.111 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion:104 Resp: 348264
Ion Ratio Lower Upper
104 100
78 52.6 41.2 61.8
103 55.9 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.447 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89492

Ion Ratio Lower Upper

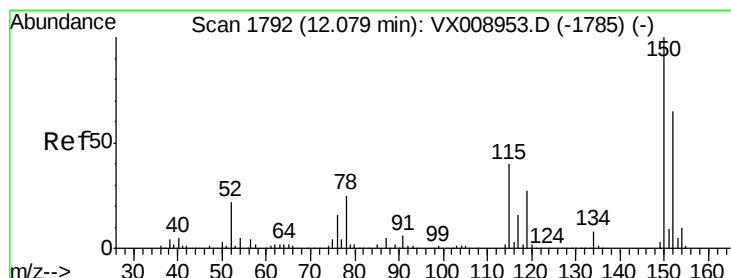
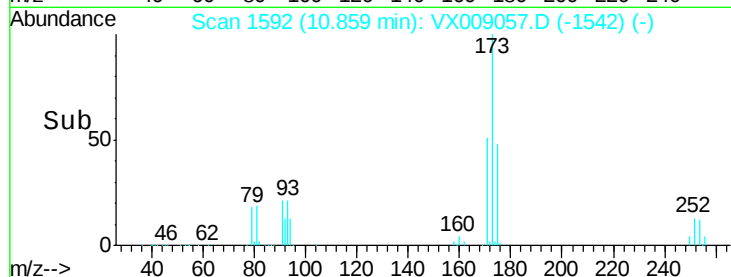
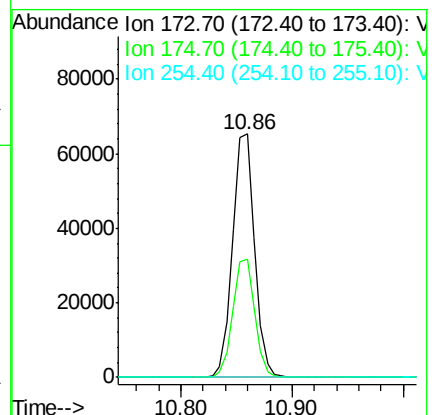
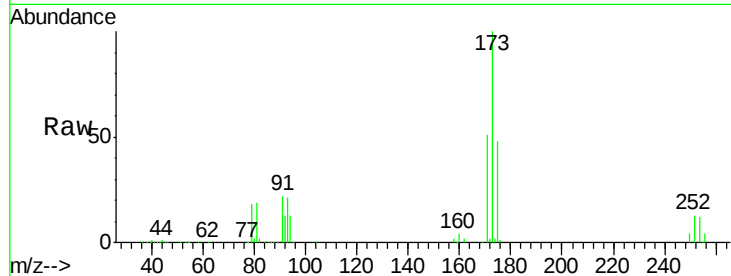
173 100

175 48.3 23.9 71.8

254 0.2 0.2 0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

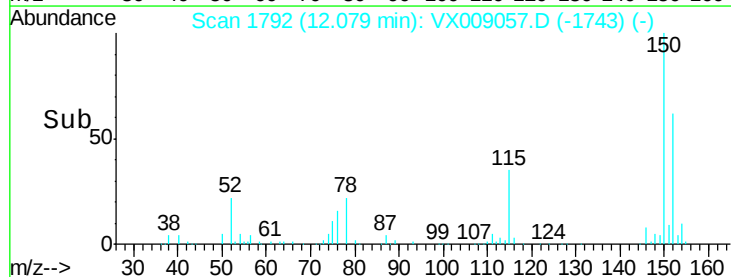
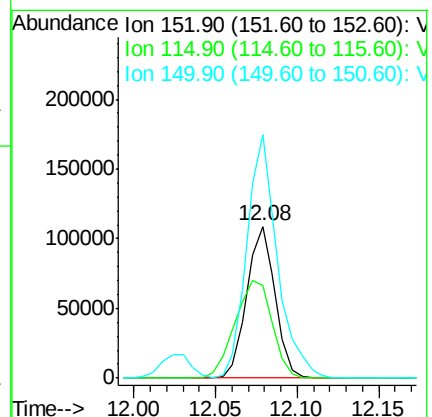
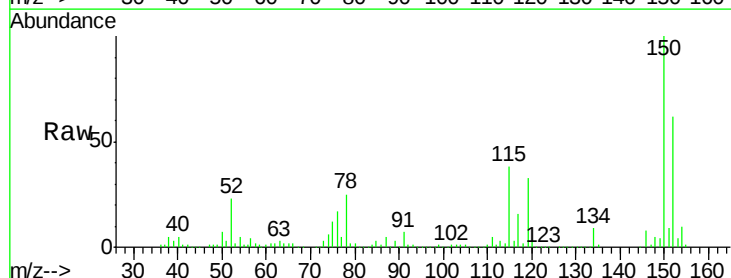
Tgt Ion:152 Resp: 131318

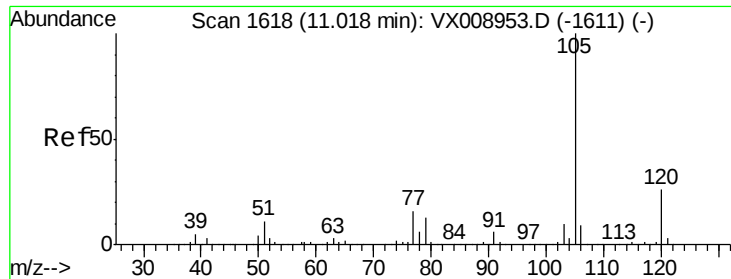
Ion Ratio Lower Upper

152 100

115 85.2 41.4 124.2

150 174.0 0.0 349.8





#73

Isopropylbenzene

Concen: 53.297 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 530509

Ion Ratio Lower Upper

105 100

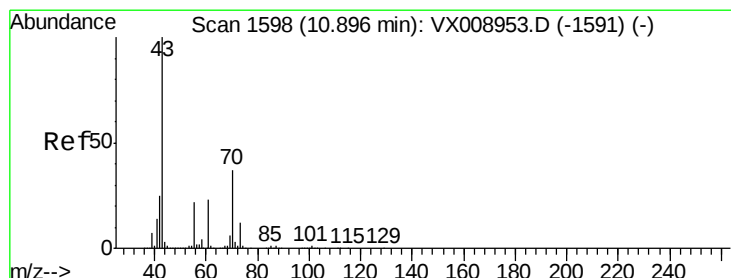
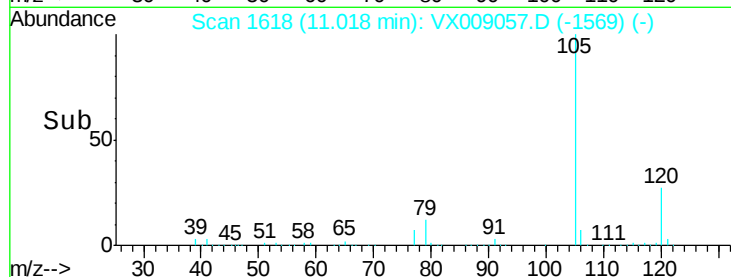
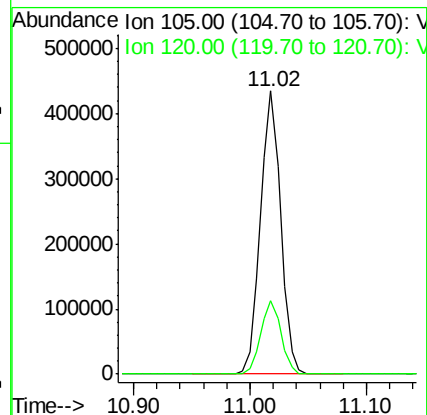
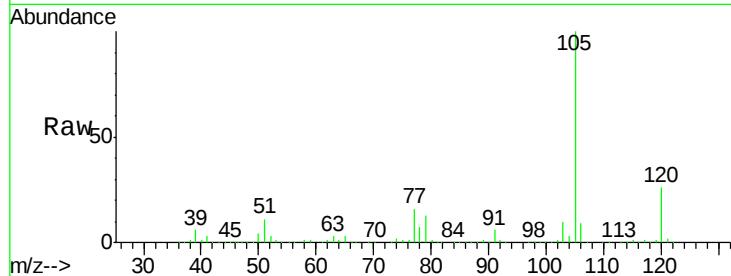
120 25.9 12.9 38.7

Manual Integrations

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4/19/2019 9:12:04 AM



#74

N-ethyl acetate

Concen: 56.403 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion: 43 Resp: 322357

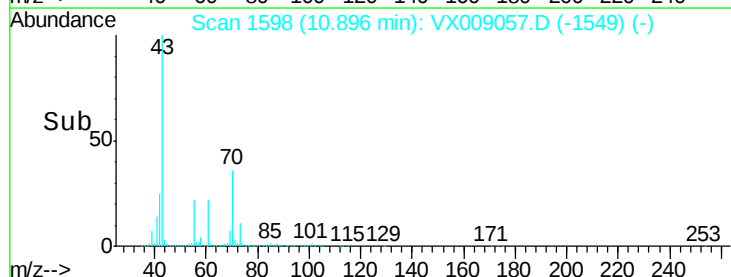
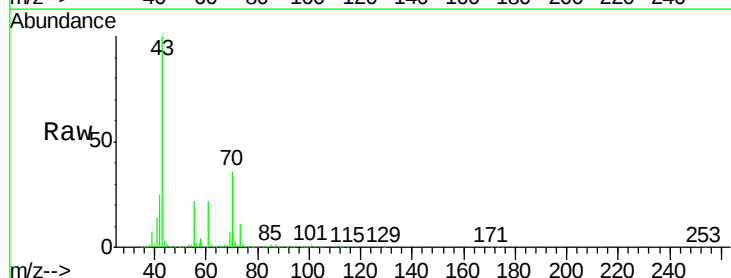
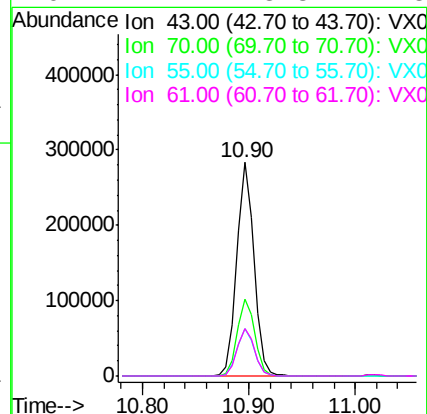
Ion Ratio Lower Upper

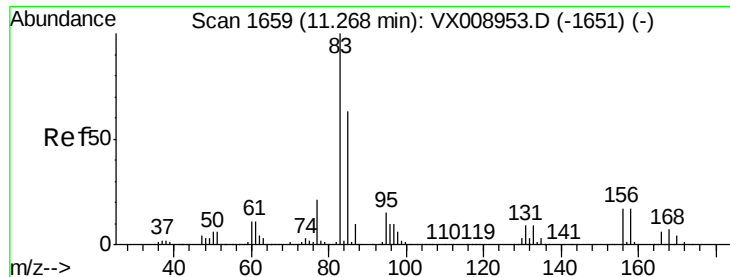
43 100

70 37.1 29.9 44.9

55 22.7 17.8 26.8

61 22.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 54.337 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

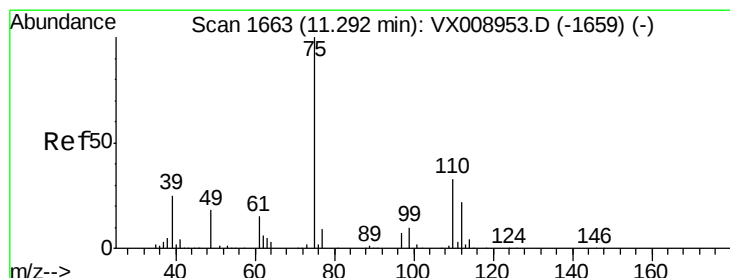
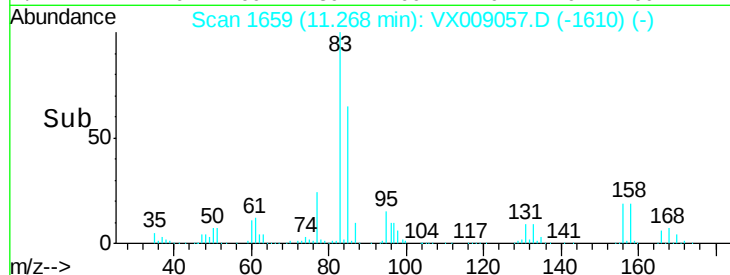
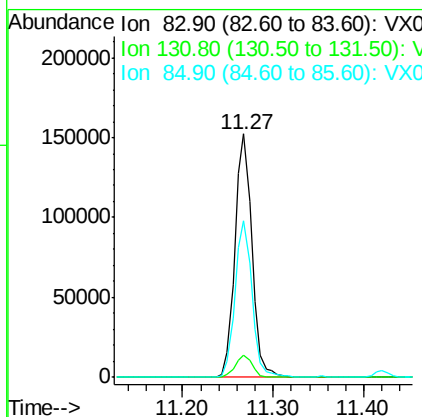
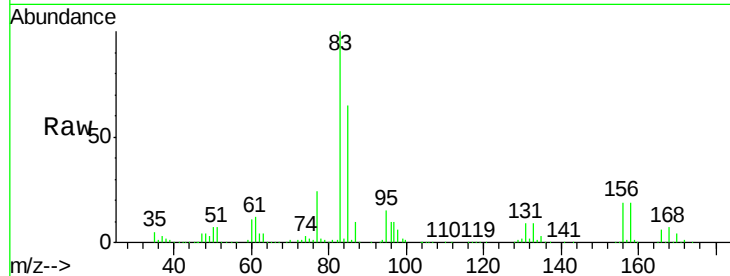
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	197617
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.0
85	64.5	31.9	95.9

Manual Integrations
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MMDadoda
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#76

1,2,3-Trichloropropane

Concen: 51.910 ug/l m

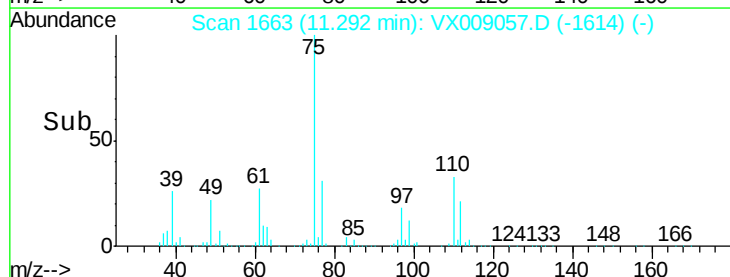
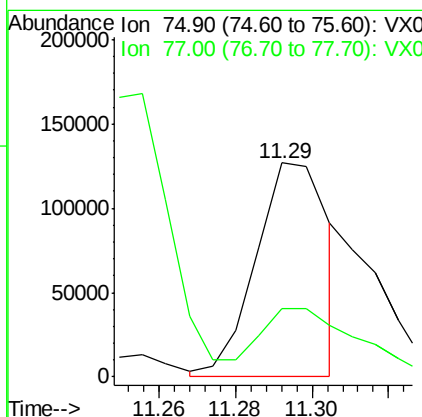
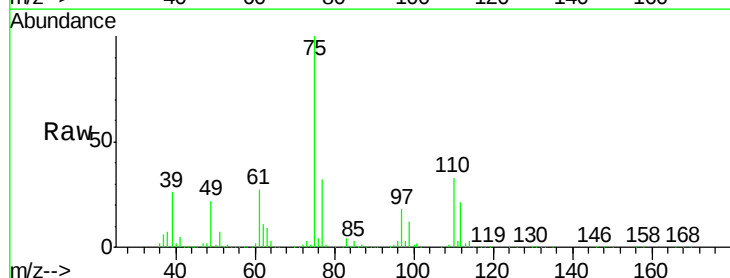
RT: 11.29 min Scan# 1663

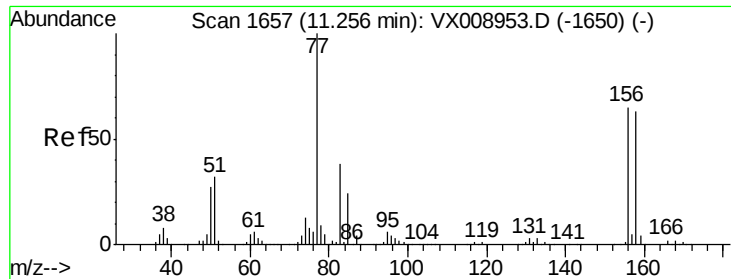
Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	75	Resp:	166452
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.7	68.0





#77

Bromobenzene

Concen: 50.661 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 127230

Ion Ratio Lower Upper

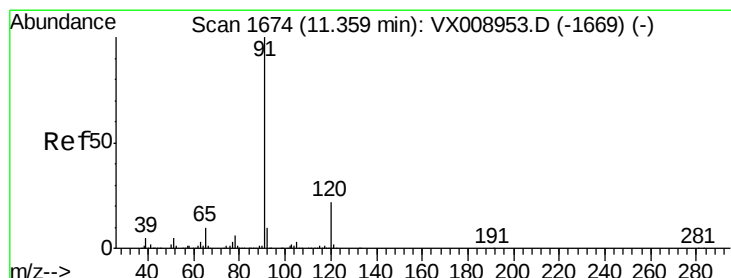
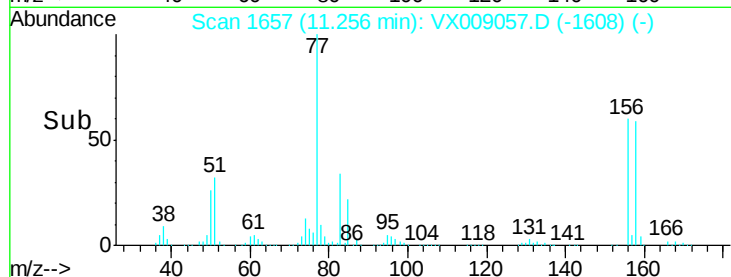
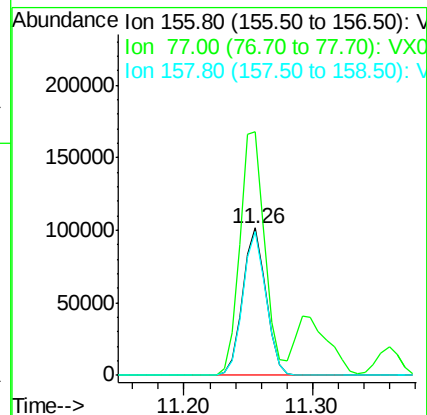
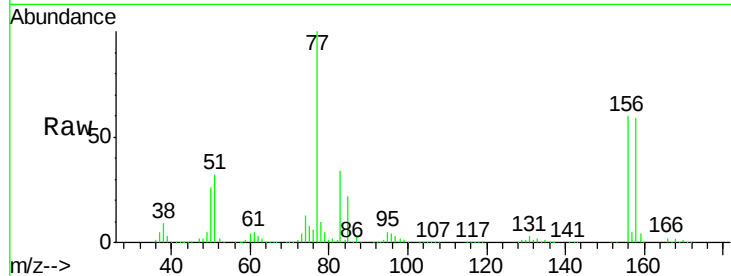
156 100

77 178.9 85.4 256.1

158 97.5 48.8 146.4

Manual Integrations
APPROVED

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4/19/2019 9:12:04 AM



#78

n-propylbenzene

Concen: 53.610 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009057.D

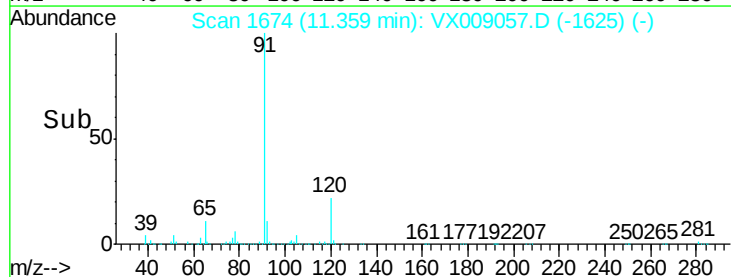
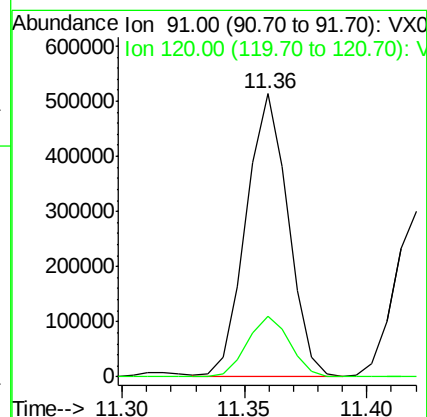
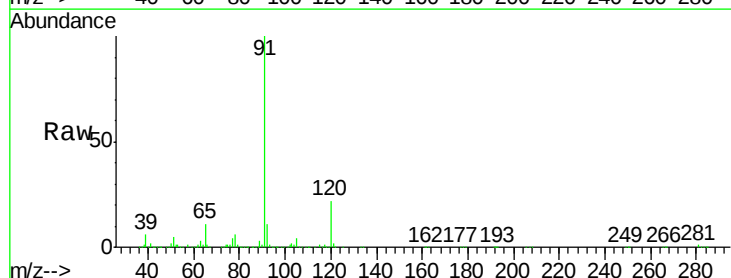
Acq: 18 Apr 2019 20:26

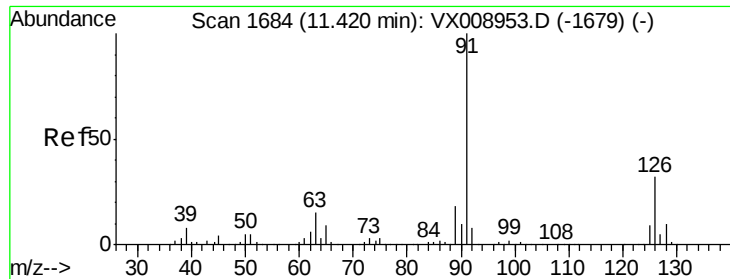
Tgt Ion: 91 Resp: 612476

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.909 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 364256

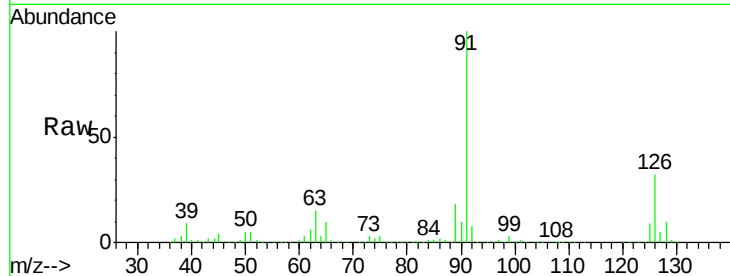
Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.9

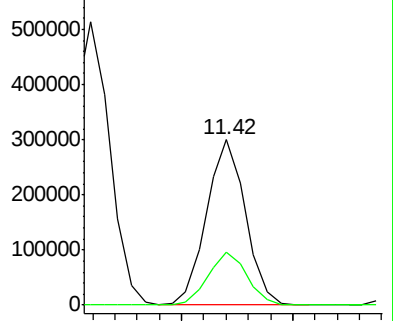
Manual Integrations
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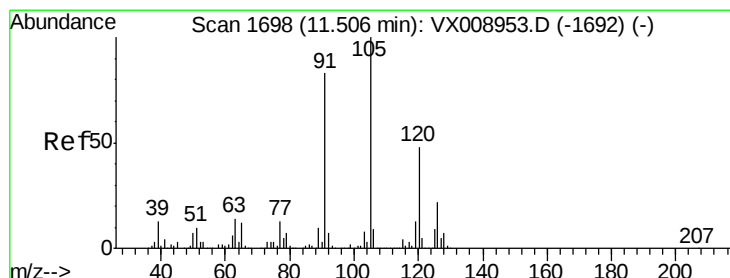
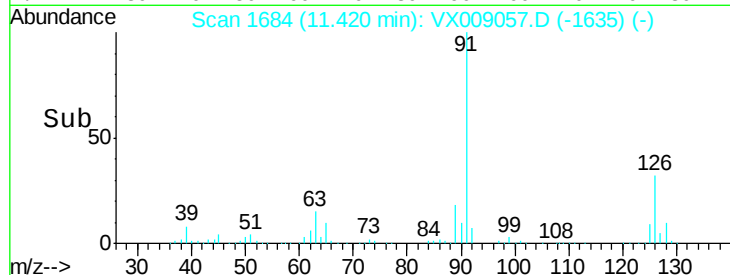


Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.420 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009057.D

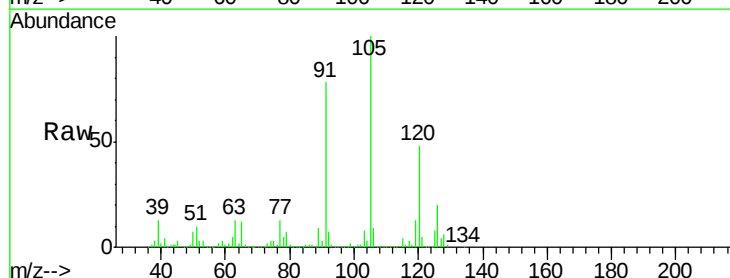
Acq: 18 Apr 2019 20:26

Tgt Ion: 105 Resp: 446201

Ion Ratio Lower Upper

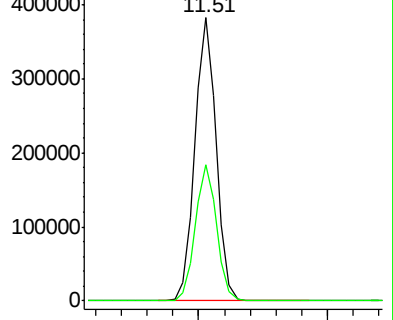
105 100

120 48.1 24.1 72.3

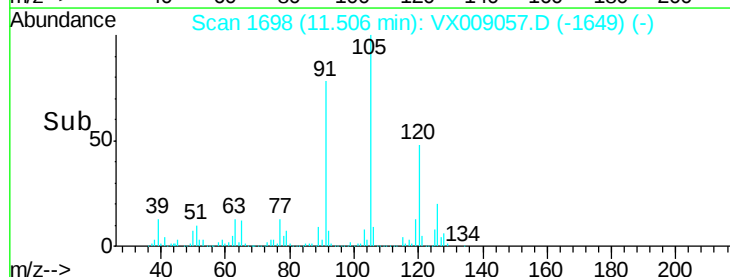


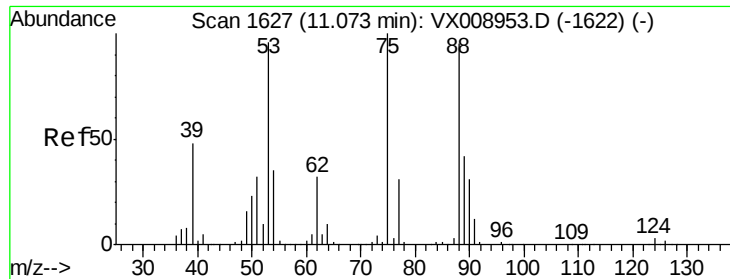
Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)



Time-->





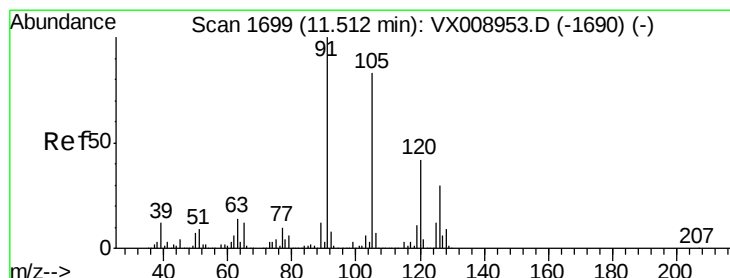
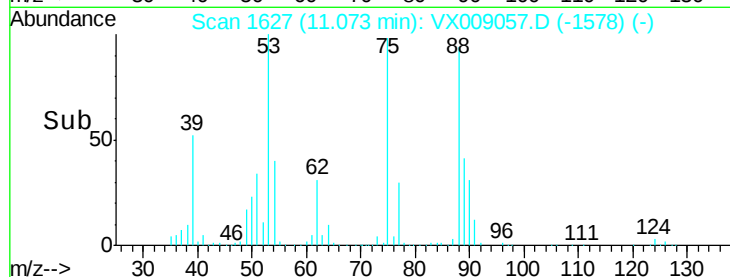
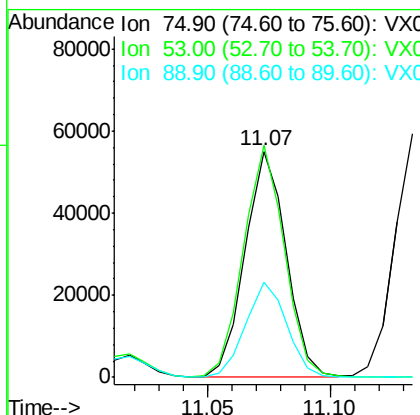
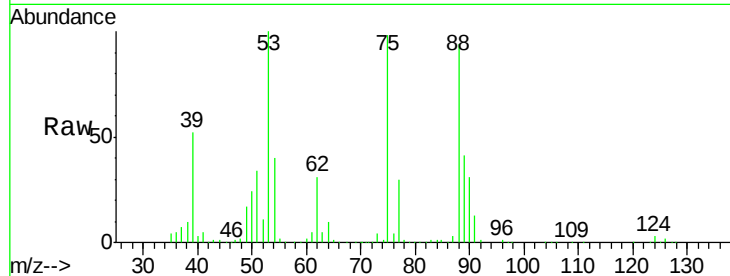
#81
trans-1,4-Dichloro-2-butene
Concen: 51.521 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.9	78.2	117.4
89	42.6	36.0	54.0

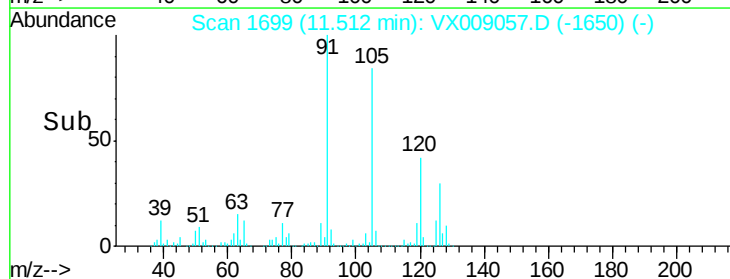
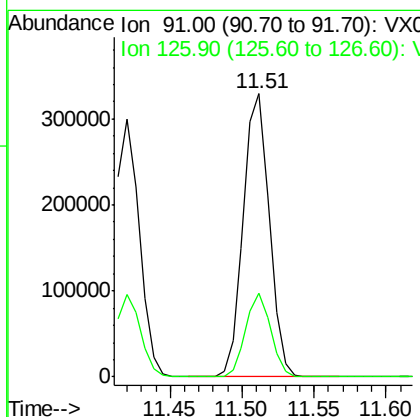
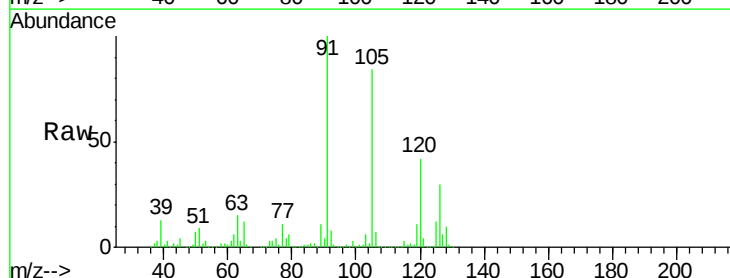
Manual Integrations
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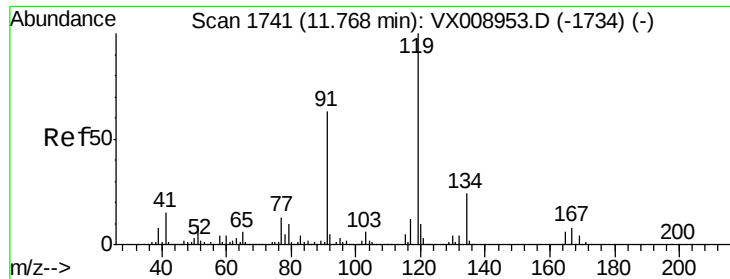
MMDadoda
4/19/2019 9:12:04 AM



#82
4-Chlorotoluene
Concen: 51.741 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.3	42.9





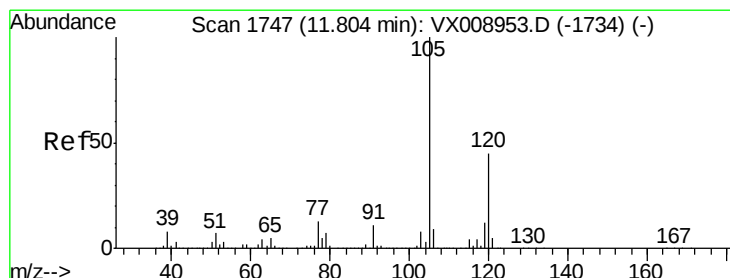
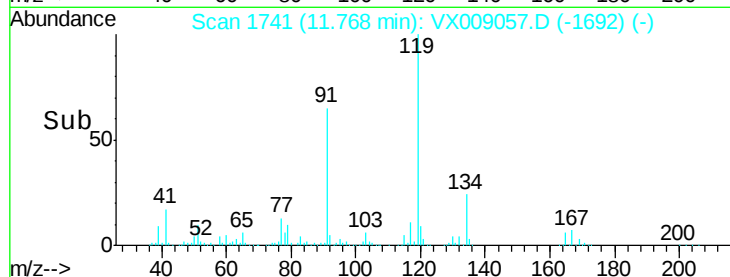
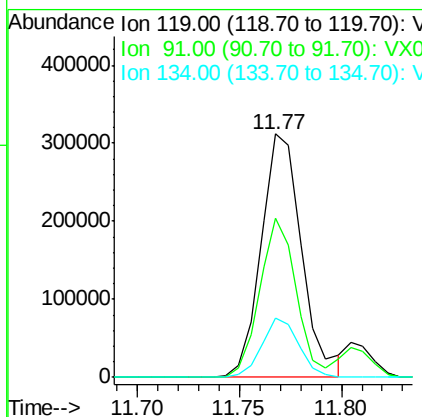
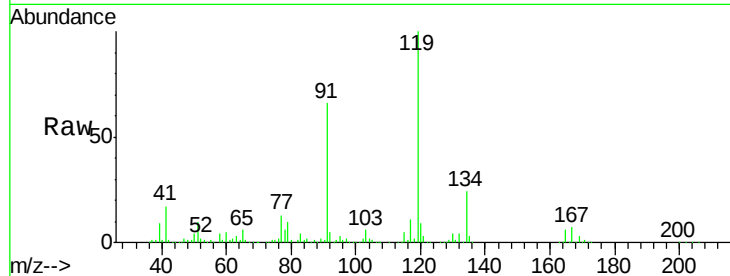
#83
tert-Butylbenzene
Concen: 53.876 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	29.7	89.1
134	22.2	11.2	33.5

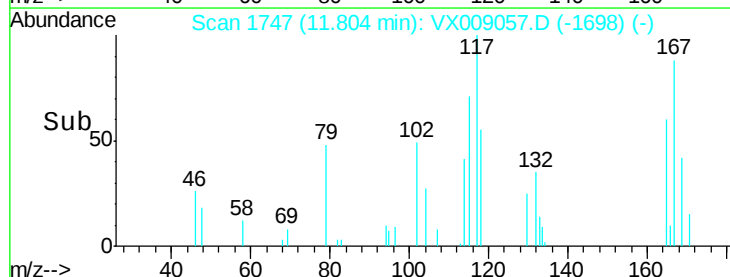
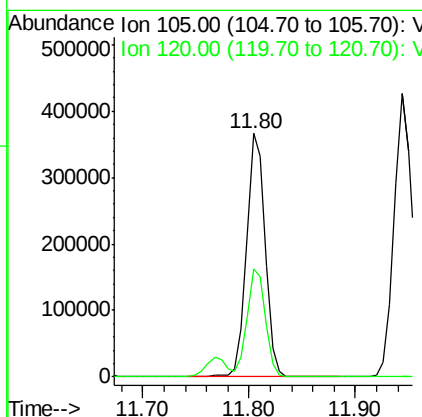
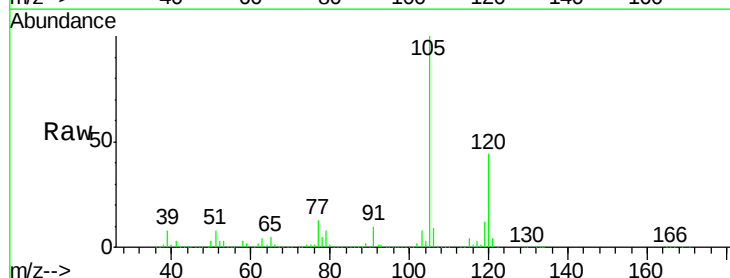
Manual Integrations
APPROVED

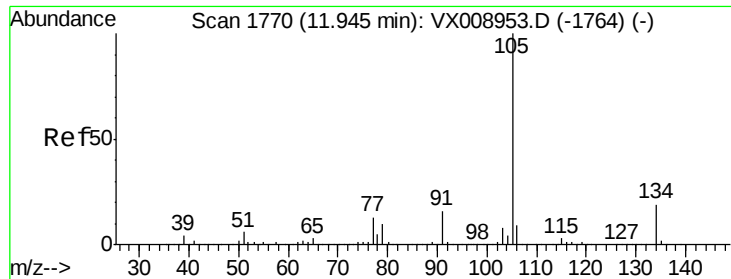
MMDadoda
4/19/2019 9:12:04 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.854 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.8





#85

sec-Butylbenzene

Concen: 52.950 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 506441

Ion Ratio Lower Upper

105 100

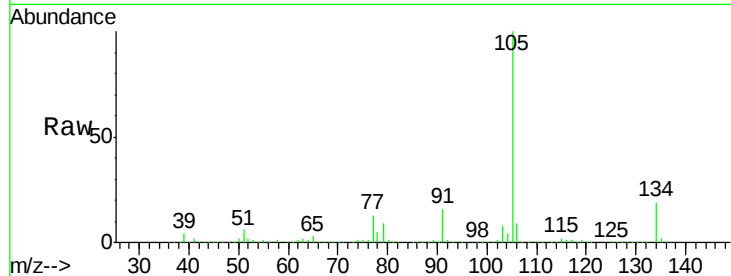
134 19.1 9.6 28.6

Manual Integrations

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4/19/2019 9:12:04 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

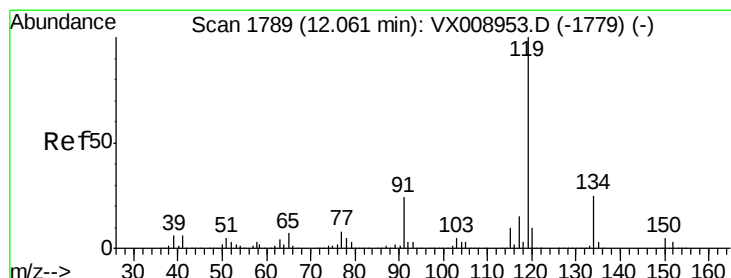
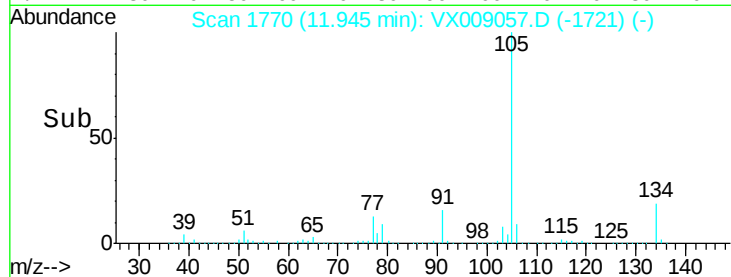
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.329 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

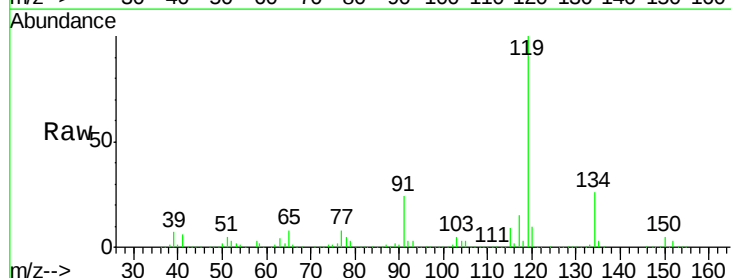
Tgt Ion:119 Resp: 460148

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 24.0 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

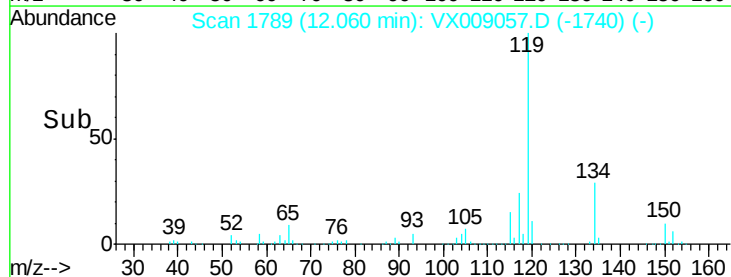
300000

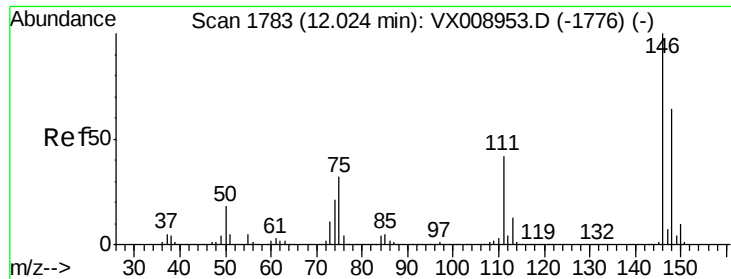
200000

100000

0

Time-->





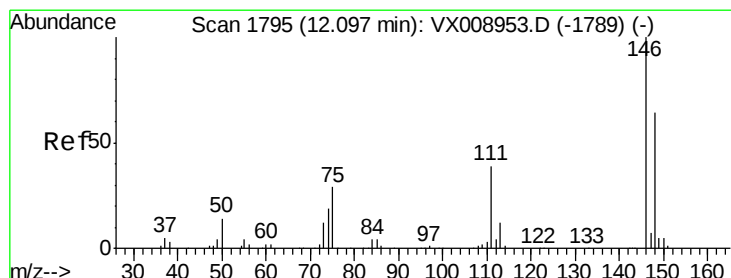
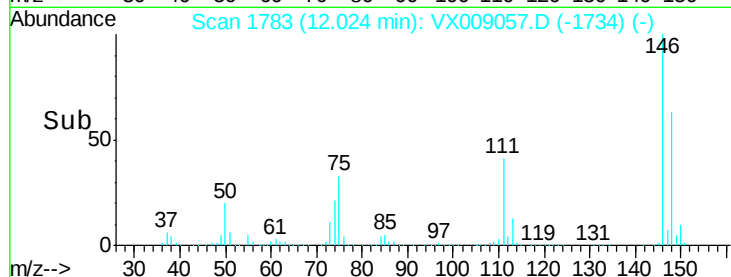
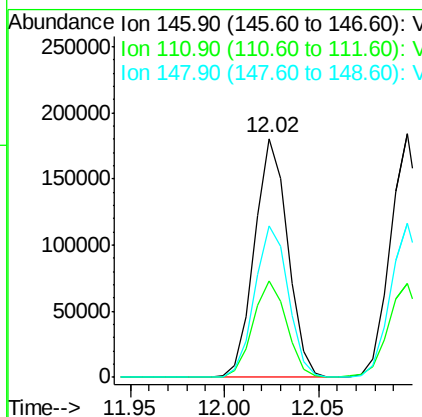
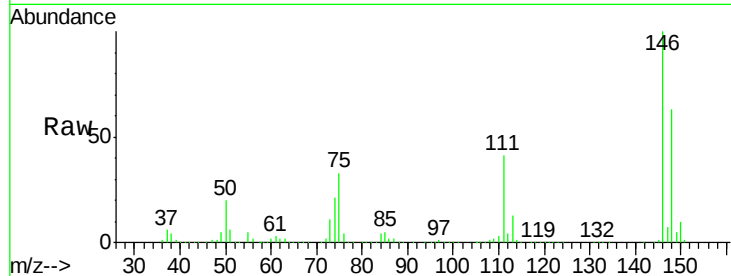
#87
 1,3-Dichlorobenzene
 Concen: 50.215 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.3	32.2	96.6

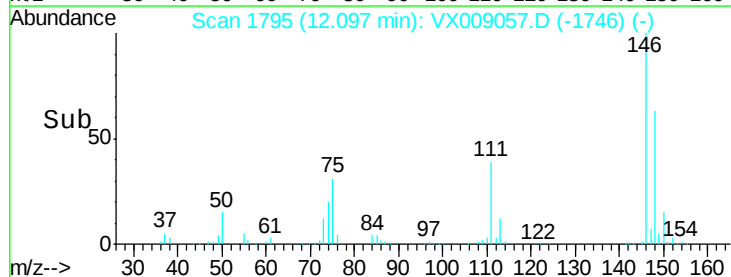
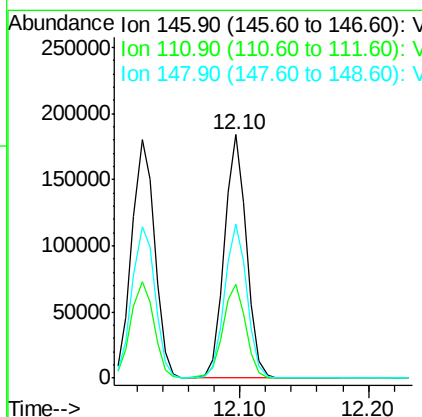
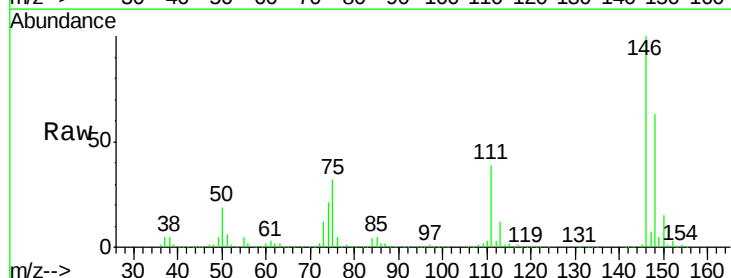
Manual Integrations
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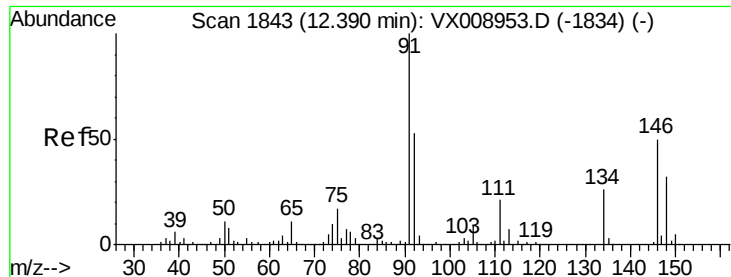
MMDadoda
 4/19/2019 9:12:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 50.022 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	59.9
148	63.7	32.2	96.6





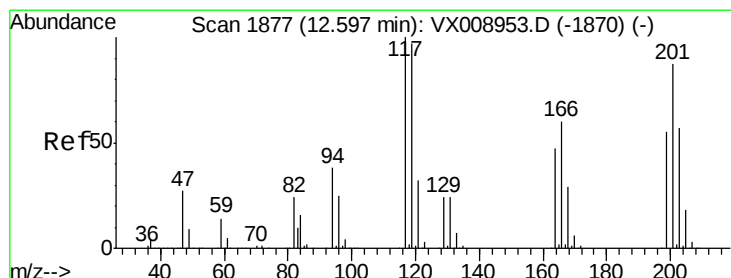
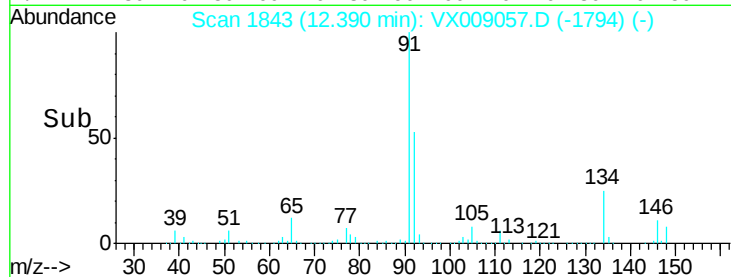
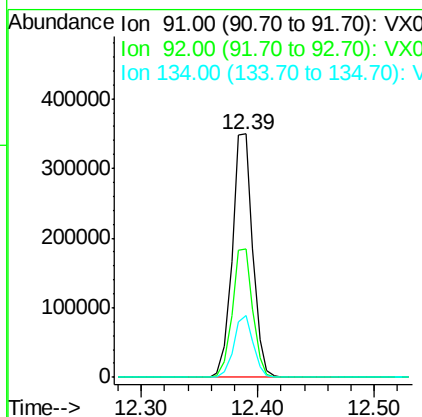
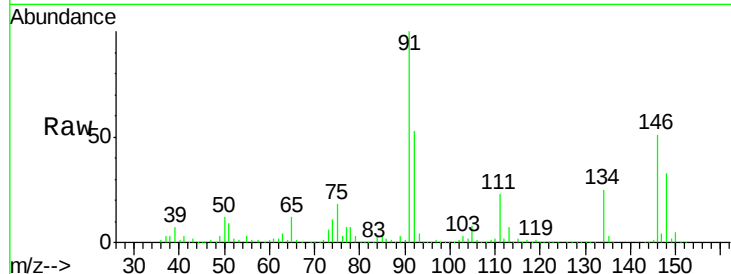
#89
n-Butylbenzene
Concen: 52.070 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.8
134	24.3	12.4	37.2

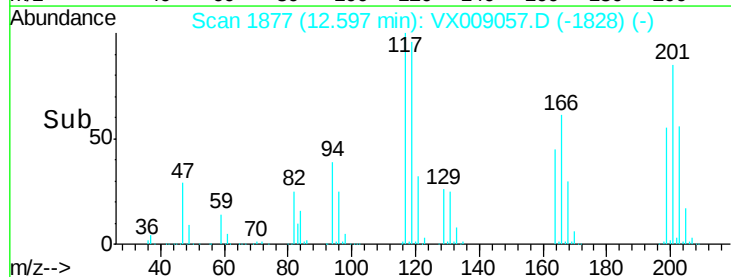
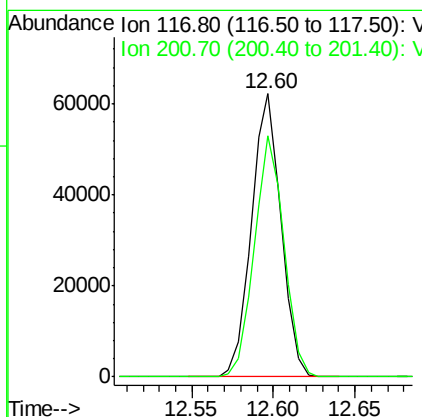
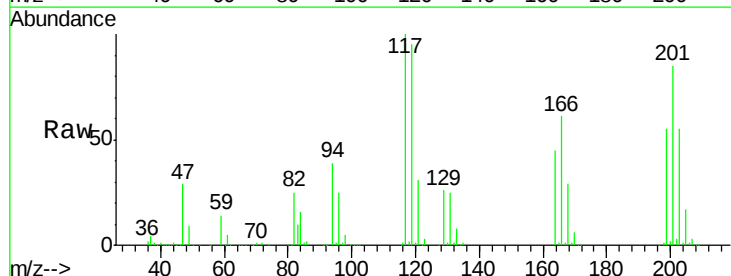
Manual Integrations
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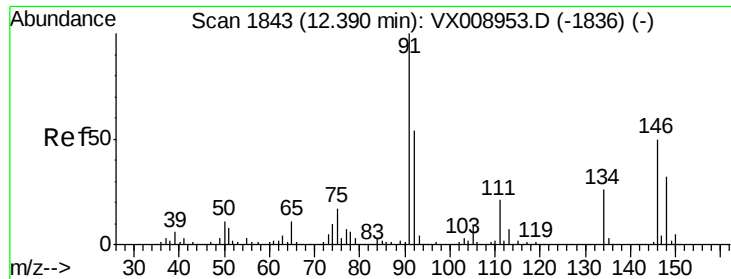
MMDadoda
4/19/2019 9:12:04 AM



#90
Hexachloroethane
Concen: 54.076 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009057.D
Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.0	129.0





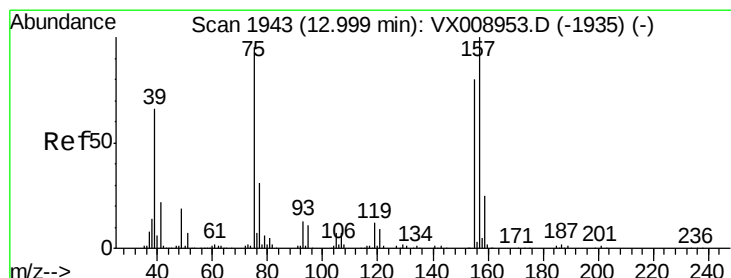
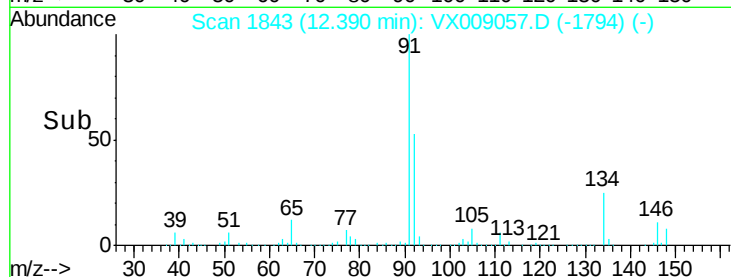
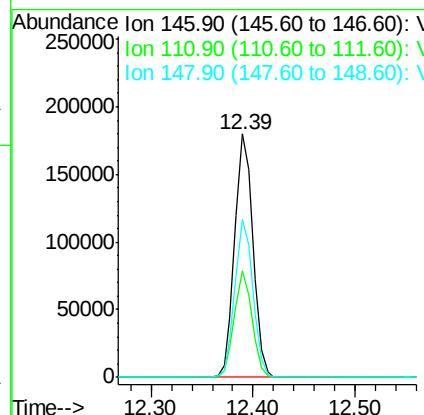
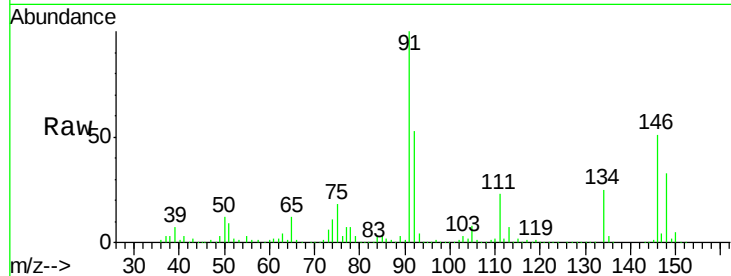
#91
 1,2-Dichlorobenzene
 Concen: 51.074 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	221684		
111	42.5	20.6	61.9	
148	64.0	32.0	96.2	

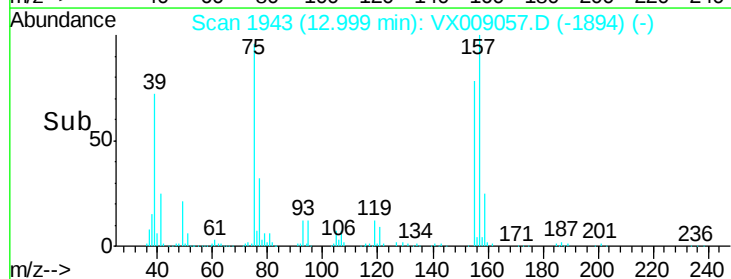
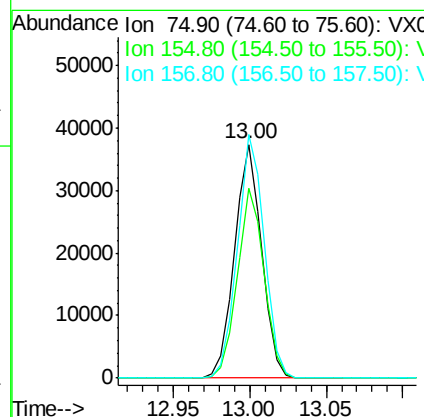
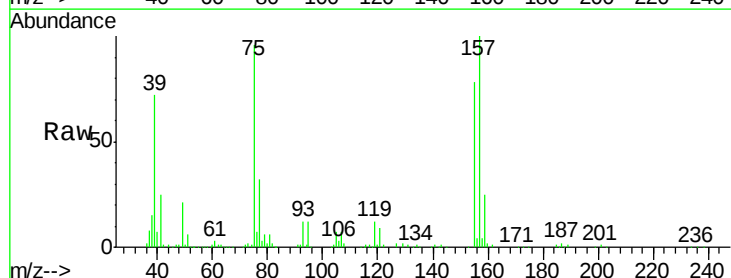
Manual Integrations
 APPROVED

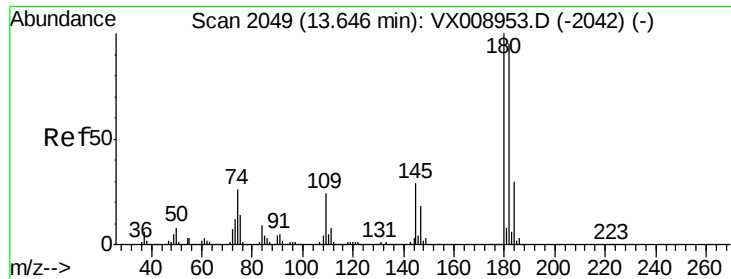
MMDadoda
 4/19/2019 9:12:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.214 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009057.D
 Acq: 18 Apr 2019 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45721		
155	80.2	41.2	123.6	
157	103.3	52.5	157.6	





#93

1,2,4-Trichlorobenzene

Concen: 50.262 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

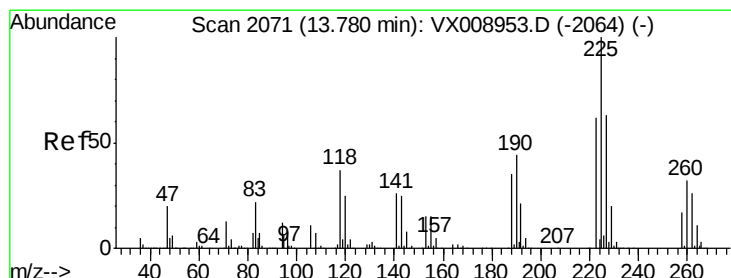
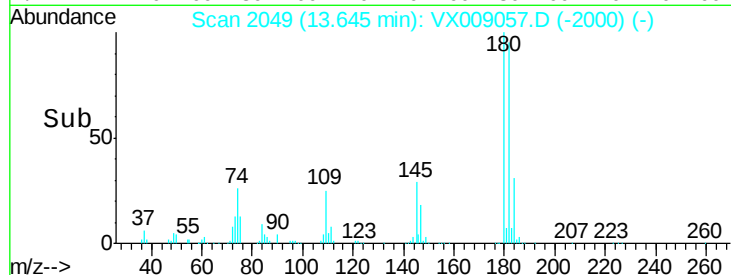
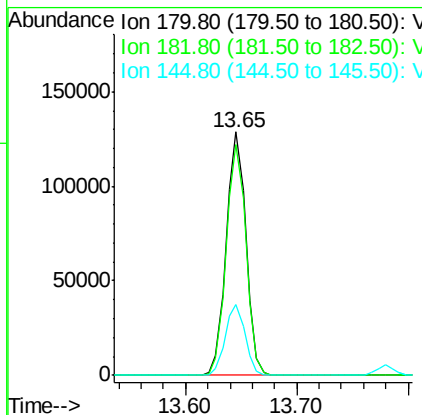
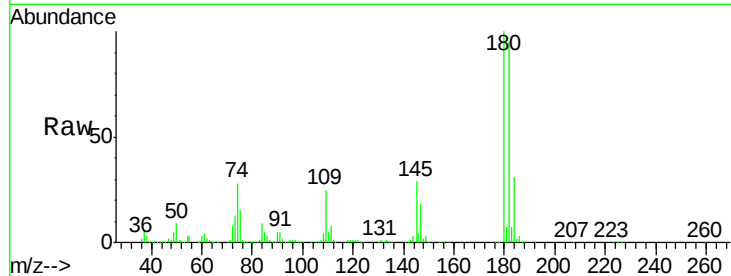
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	157481
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.9
145	29.2	14.8	44.4

Manual Integrations
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4/19/2019 9:12:04 AM



#94

Hexachlorobutadiene

Concen: 49.605 ug/l

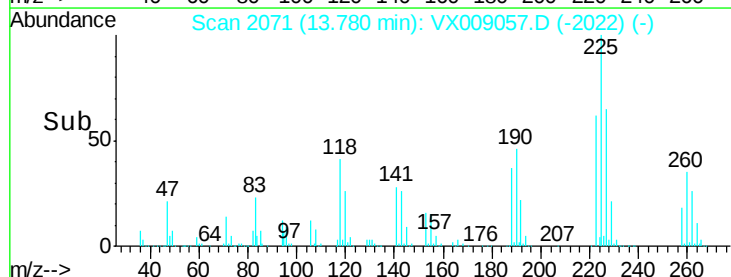
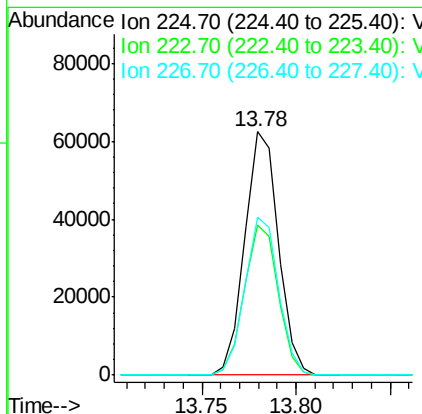
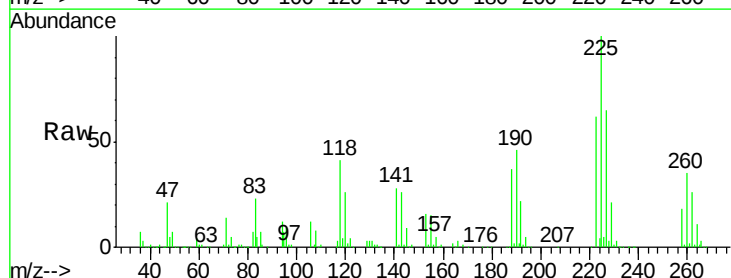
RT: 13.78 min Scan# 2071

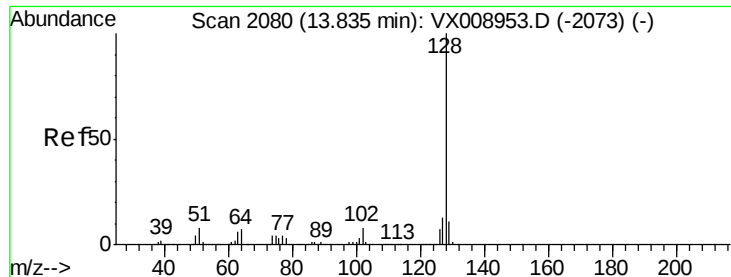
Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	225	Resp:	77518
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	65.0	32.0	96.2





#95

Naphthalene

Concen: 53.695 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Instrument :

MSVOA_X

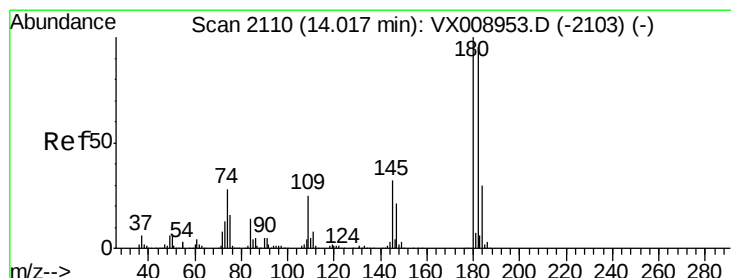
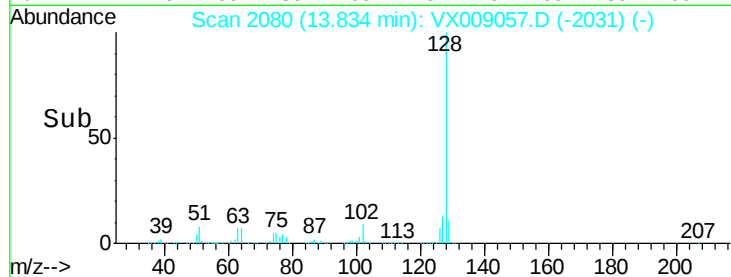
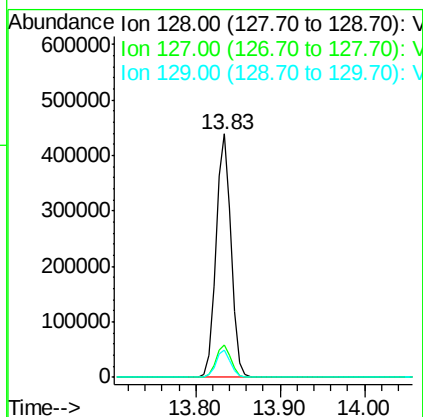
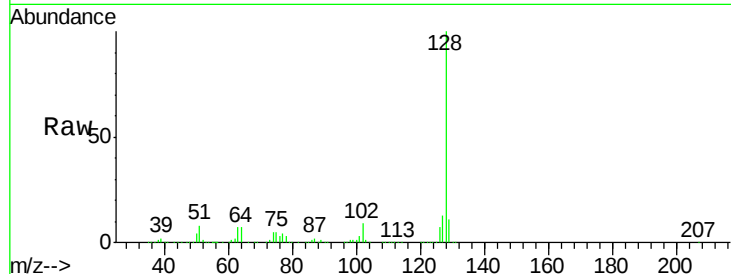
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	539001
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
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4/19/2019 9:12:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.293 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009057.D

Acq: 18 Apr 2019 20:26

Tgt Ion:	180	Resp:	158571
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	31.3	15.8	47.3

