

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041919\
 Data File : VX009082.D
 Acq On : 19 Apr 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2019 10:51:59 AM

Quant Time: Apr 20 02:26:49 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	5.66	168	199657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135310	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	150033	53.32	ug/l	0.00
Spiked Amount						
			Recovery	=	106.64%	
35) Dibromofluoromethane	5.50	113	111010	51.66	ug/l	0.00
Spiked Amount						
			Recovery	=	103.32%	
50) Toluene-d8	8.71	98	429472	50.12	ug/l	0.00
Spiked Amount						
			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	151619	50.12	ug/l	0.00
Spiked Amount						
			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	116462	50.643	ug/l	100
3) Chloromethane	1.32	50	130813	46.334	ug/l	99
4) Vinyl Chloride	1.41	62	135778	49.412	ug/l	100
5) Bromomethane	1.64	94	72412	42.692	ug/l	96
6) Chloroethane	1.71	64	82909	51.310	ug/l	96
7) Trichlorofluoromethane	1.92	101	162304	50.589	ug/l	96
8) Diethyl Ether	2.19	74	75509	51.463	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104070	50.734	ug/l	98
10) Methyl Iodide	2.51	142	83062	38.180	ug/l	99
11) Tert butyl alcohol	3.06	59	170247	272.581	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103204	48.202	ug/l	99
13) Acrolein	2.29	56	128917	238.887	ug/l	98
14) Allyl chloride	2.72	41	251936	53.934	ug/l	99
15) Acrylonitrile	3.15	53	440056	277.556	ug/l	100
16) Acetone	2.45	43	387936	265.867	ug/l	98
17) Carbon Disulfide	2.56	76	285161	45.440	ug/l	100
18) Methyl Acetate	2.78	43	209994	57.664	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	410931	53.864	ug/l	99
20) Methylene Chloride	2.85	84	124910	50.058	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	113263	49.596	ug/l	94
22) Diisopropyl ether	3.86	45	497495	54.808	ug/l	90
23) Vinyl Acetate	3.82	43	2236267	280.269	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242326	53.183	ug/l	100
25) 2-Butanone	4.68	43	656033	281.277	ug/l	100
26) 2,2-Dichloropropane	4.58	77	161483	47.280	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133305	51.412	ug/l	99
28) Bromochloromethane	5.02	49	106134	56.323	ug/l	98
29) Tetrahydrofuran	5.13	42	436962	279.911	ug/l	99
30) Chloroform	5.21	83	219206	53.761	ug/l	98
31) Cyclohexane	5.58	56	227304	50.720	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	177487	52.521	ug/l	99
36) 1,1-Dichloropropene	5.80	75	165323	47.745	ug/l	99
37) Ethyl Acetate	4.84	43	247396	55.524	ug/l	100
38) Carbon Tetrachloride	5.78	117	148423	50.561	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	200951	47.665	ug/l	98
40) Benzene	6.14	78	510287	49.955	ug/l	100
41) Methacrylonitrile	5.04	41	136830	53.507	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186087	51.426	ug/l	99
43) Isopropyl Acetate	6.45	43	385690	53.715	ug/l	99
44) Trichloroethene	7.21	130	118188	47.221	ug/l	96
45) 1,2-Dichloropropane	7.51	63	148974	52.568	ug/l	100
46) Dibromomethane	7.66	93	83229	50.464	ug/l	99
47) Bromodichloromethane	7.90	83	168917	52.218	ug/l	99
48) Methyl methacrylate	7.77	41	190146	53.595	ug/l	99
49) 1,4-Dioxane	7.74	88	62067	934.681	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1236432	270.296	ug/l	99
52) Toluene	8.79	92	297279	48.559	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	191471	51.432	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213004	51.098	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	125306	51.644	ug/l	99
56) Ethyl methacrylate	9.18	69	226476	52.056	ug/l	99
57) 1,3-Dichloropropane	9.37	76	223267	51.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	604477	258.011	ug/l	99
59) 2-Hexanone	9.49	43	936490	265.540	ug/l	99
60) Dibromochloromethane	9.58	129	121745	52.354	ug/l	100
61) 1,2-Dibromoethane	9.67	107	126366	50.462	ug/l	99
64) Tetrachloroethene	9.34	164	104477	47.597	ug/l	98
65) Chlorobenzene	10.14	112	303347	49.739	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113542	52.847	ug/l	99
67) Ethyl Benzene	10.25	91	559970	50.227	ug/l	99
68) m/p-Xylenes	10.36	106	406756	100.390	ug/l	99
69) o-Xylene	10.70	106	198564	50.366	ug/l	100
70) Styrene	10.71	104	345915	50.632	ug/l	99
71) Bromoform	10.86	173	89250	52.141	ug/l #	99
73) Isopropylbenzene	11.02	105	533564	52.023	ug/l	100
74) N-amyl acetate	10.90	43	320588	54.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	199078	53.123	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	171161m	51.804	ug/l	
77) Bromobenzene	11.26	156	126714	48.967	ug/l	98
78) n-propylbenzene	11.36	91	609437	51.770	ug/l	99
79) 2-Chlorotoluene	11.42	91	359645	50.698	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	441208	51.263	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	66162	51.409	ug/l	96
82) 4-Chlorotoluene	11.51	91	416354	50.537	ug/l	100
83) tert-Butylbenzene	11.77	119	434024	52.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	444541	50.741	ug/l	100
85) sec-Butylbenzene	11.94	105	511439	51.895	ug/l	100
86) p-Isopropyltoluene	12.06	119	459161	50.676	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	225512	49.791	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	225046	49.016	ug/l	100
89) n-Butylbenzene	12.38	91	429632	50.915	ug/l	99
90) Hexachloroethane	12.60	117	78344	52.418	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	225190	50.351	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45477	53.299	ug/l	99

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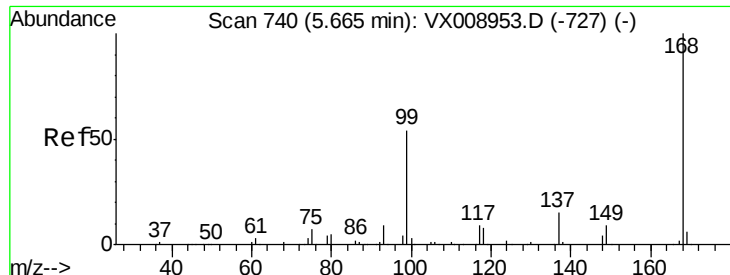
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162447	50.317	ug/l	99
94) Hexachlorobutadiene	13.78	225	80377	49.917	ug/l	99
95) Naphthalene	13.83	128	545925	52.780	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163289	51.261	ug/l	100

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



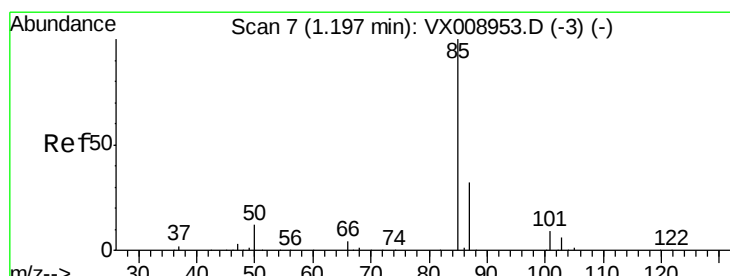
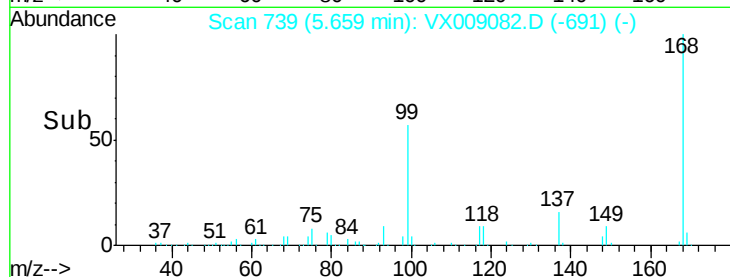
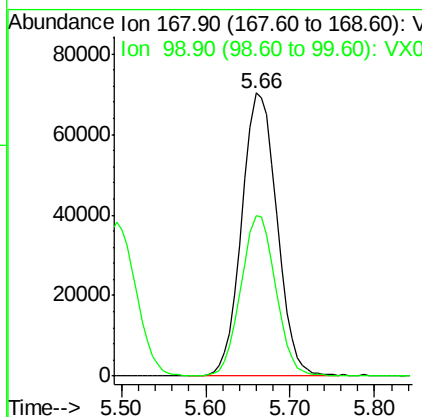
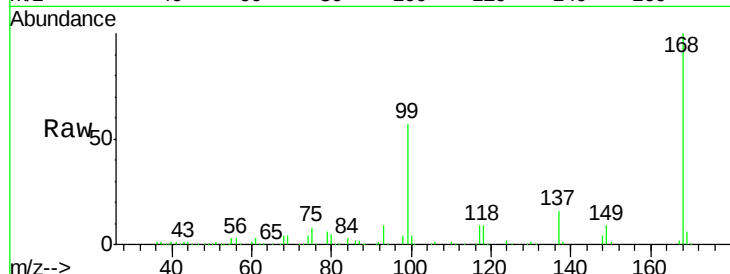
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.6	43.0	64.6

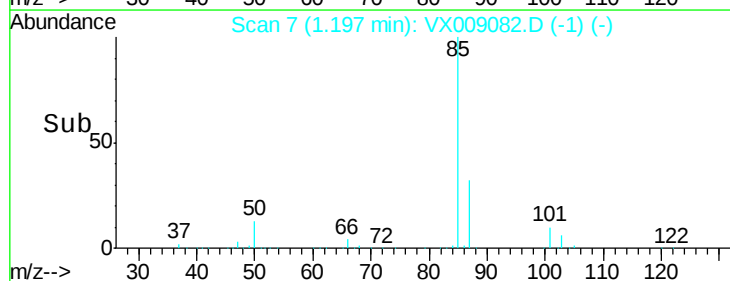
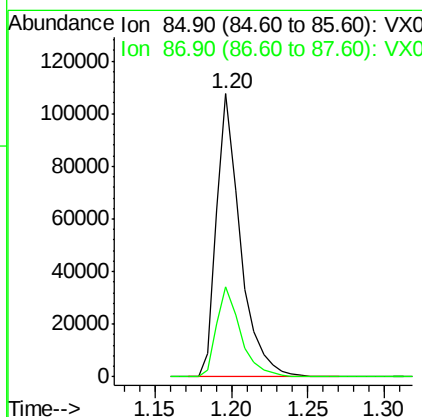
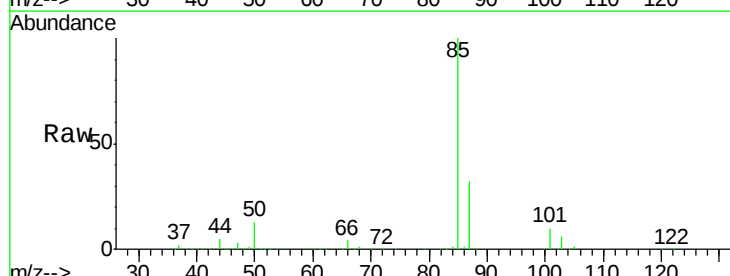
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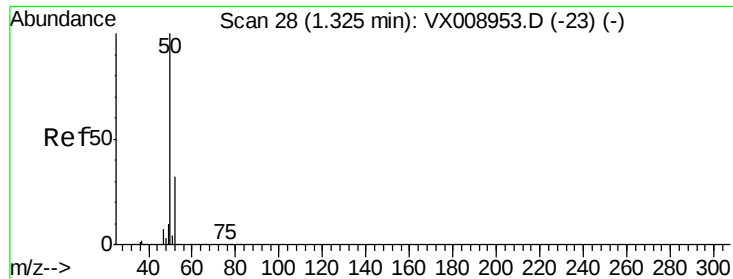
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#2
Dichlorodifluoromethane
Concen: 50.643 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.0	47.9





#3

Chloromethane

Concen: 46.334 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 130813

Ion Ratio Lower Upper

50 100

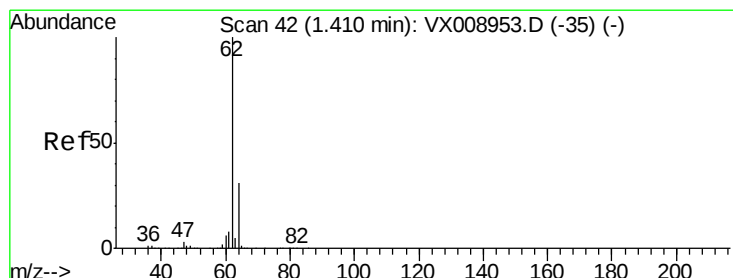
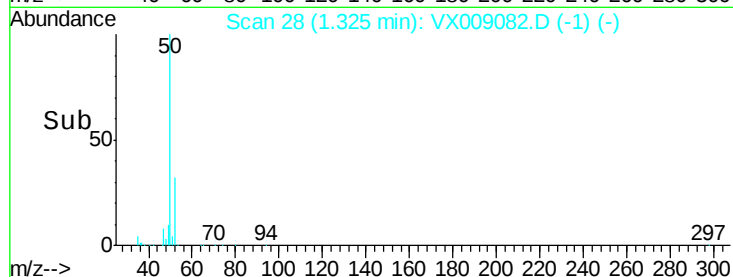
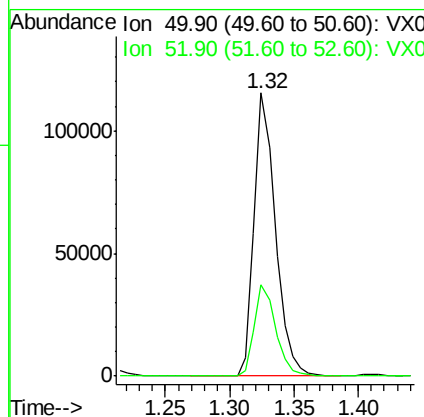
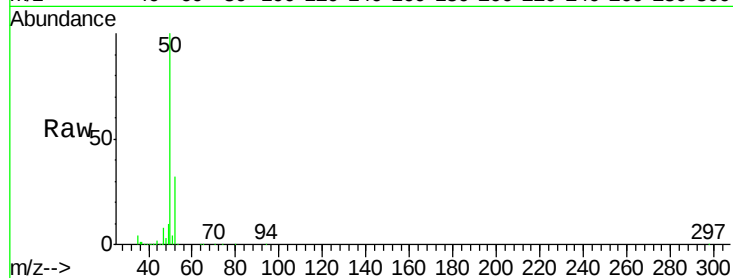
52 32.3 25.5 38.3

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#4

Vinyl Chloride

Concen: 49.412 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009082.D

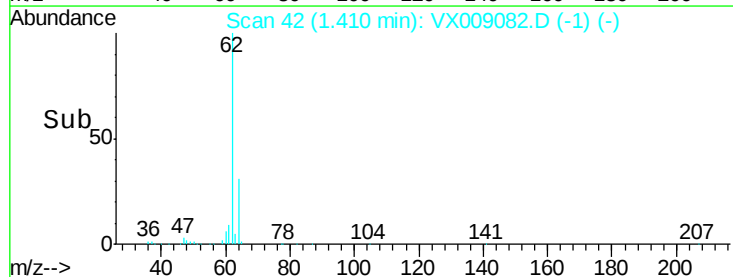
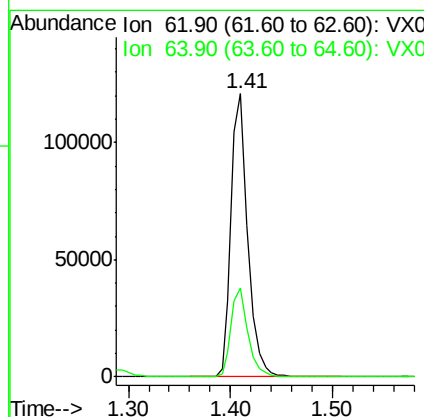
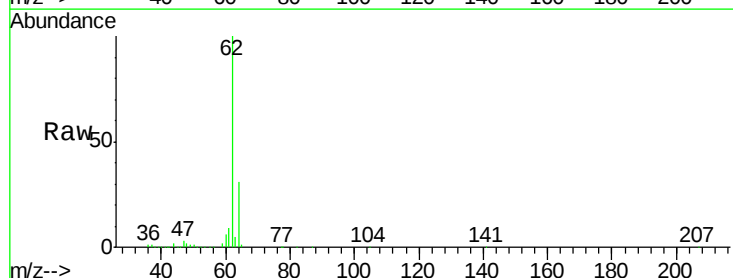
Acq: 19 Apr 2019 19:48

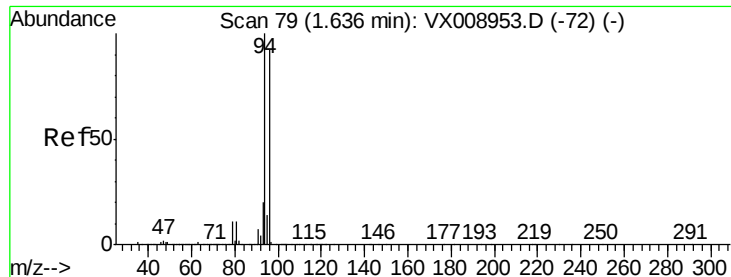
Tgt Ion: 62 Resp: 135778

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 42.692 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 72412

Ion Ratio Lower Upper

94 100

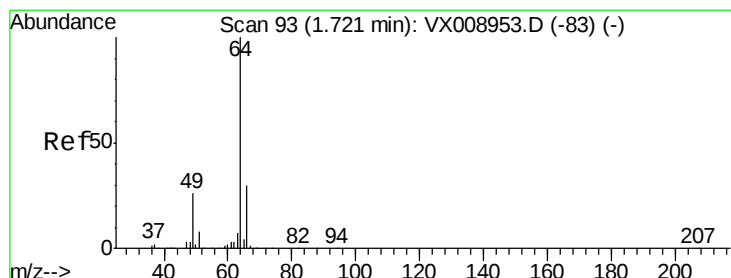
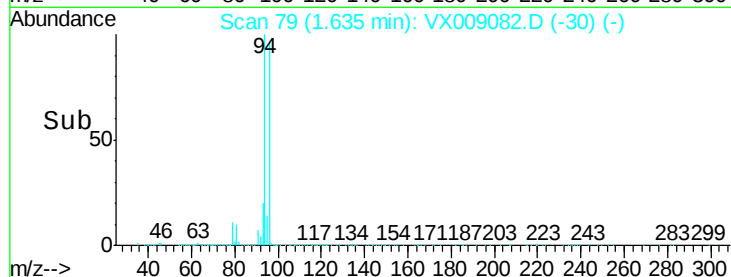
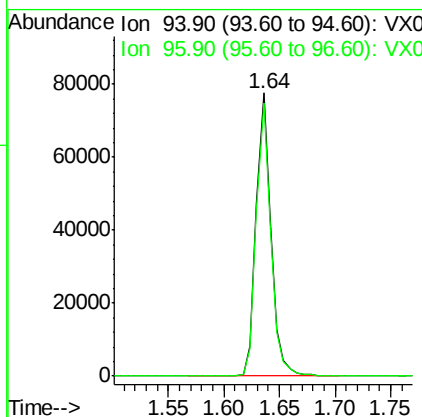
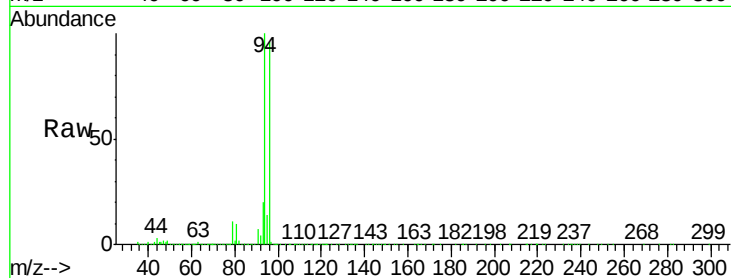
96 96.5 73.9 110.9

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4/22/2019 10:51:59 AM



#6

Chloroethane

Concen: 51.310 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009082.D

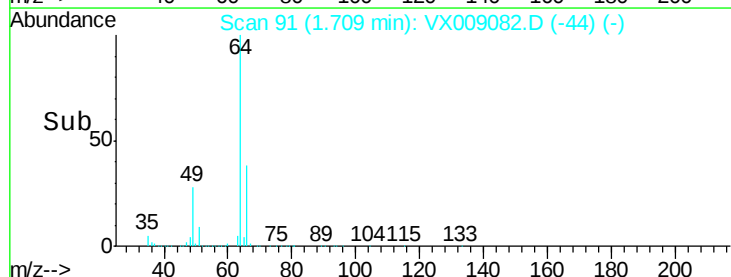
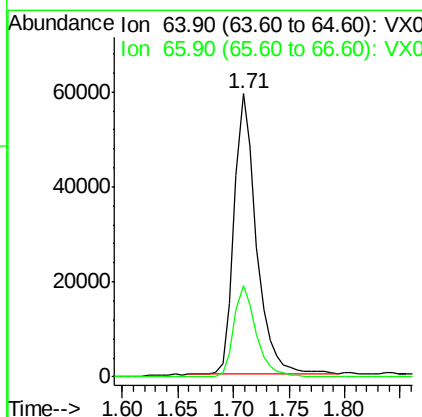
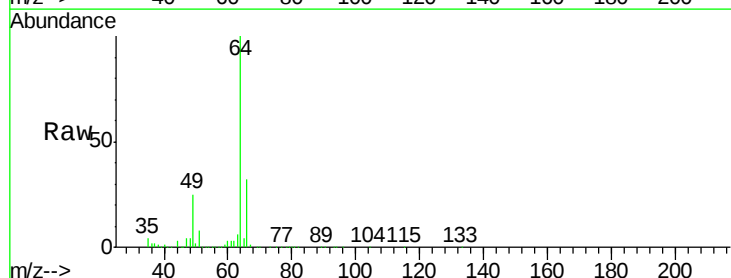
Acq: 19 Apr 2019 19:48

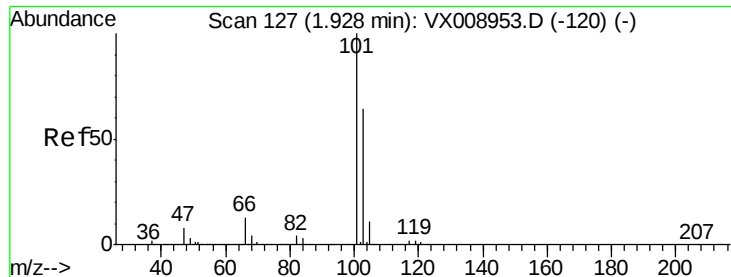
Tgt Ion: 64 Resp: 82909

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2





#7

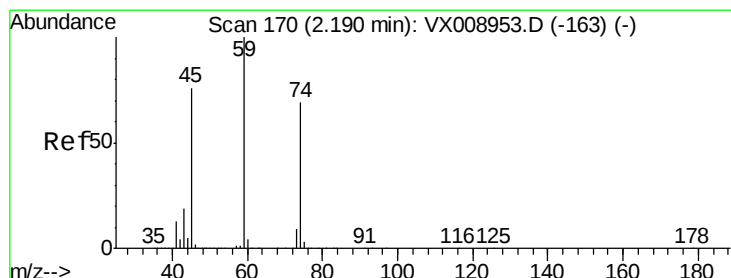
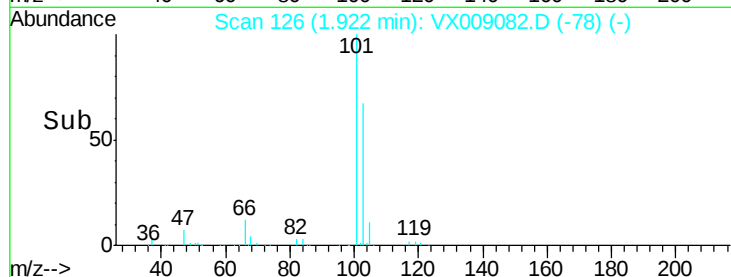
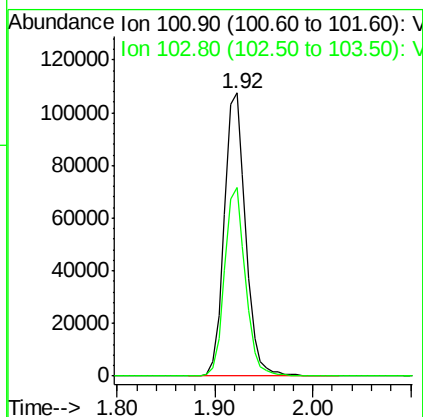
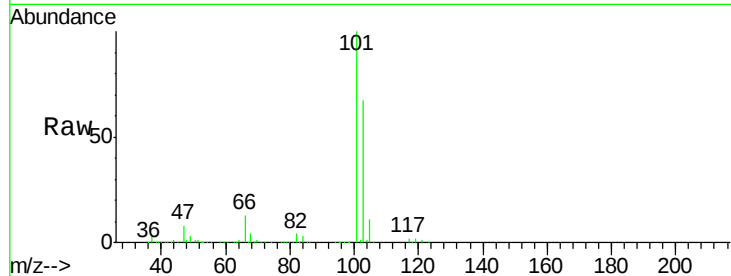
Trichlorofluoromethane
 Concen: 50.589 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.0	76.6

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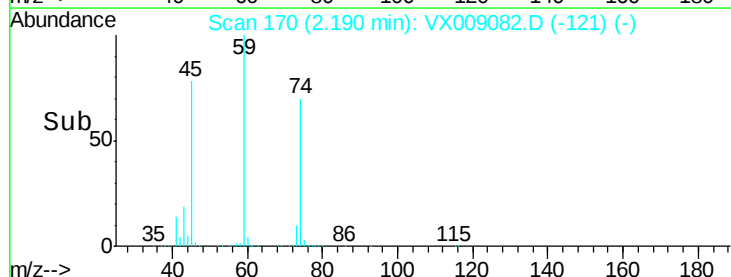
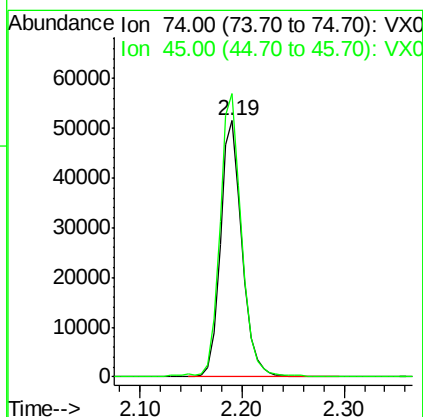
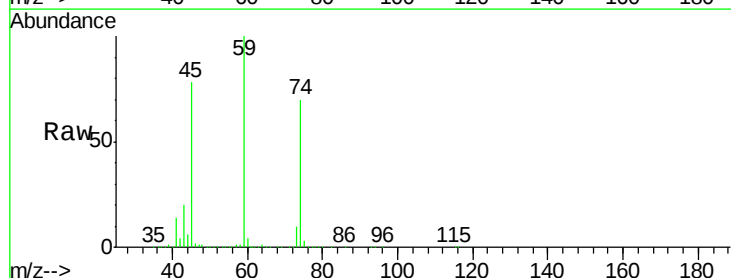
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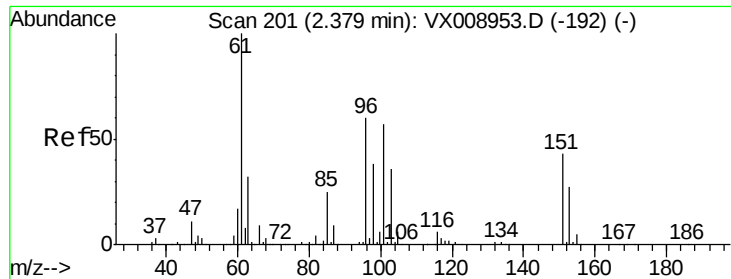


#8

Diethyl Ether
 Concen: 51.463 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.3	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.734 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

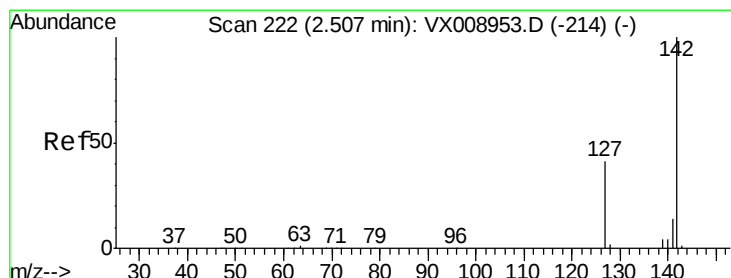
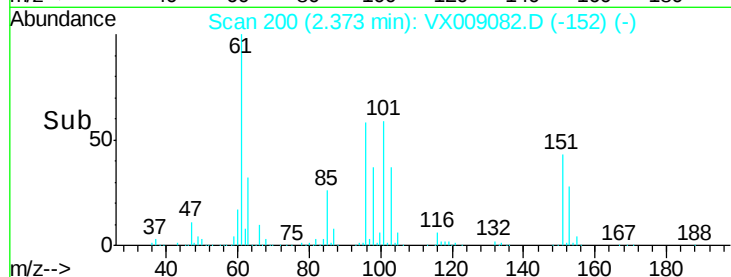
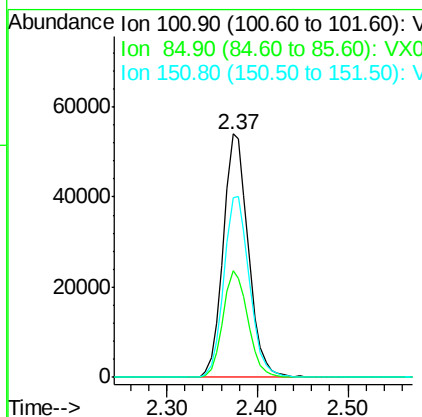
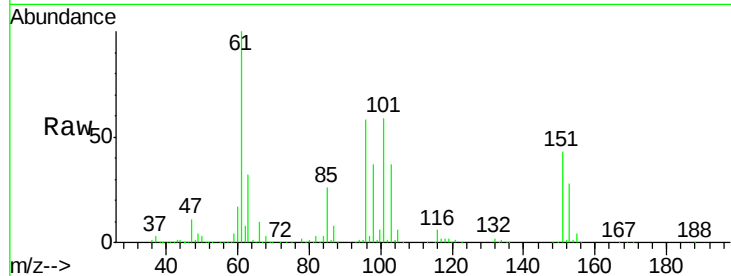
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	104070
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.7	53.5
151	75.8	62.7	94.1

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#10

Methyl Iodide

Concen: 38.180 ug/l

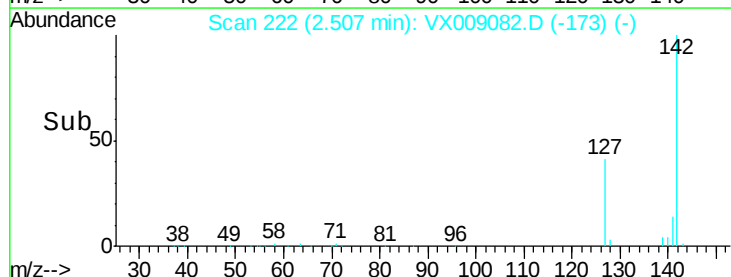
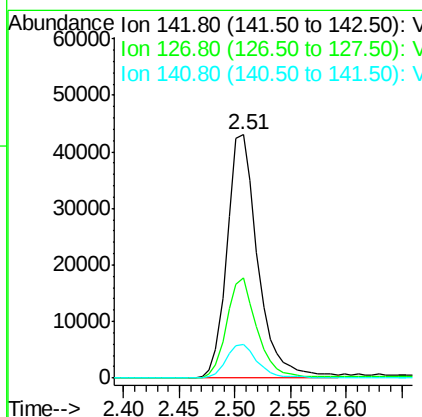
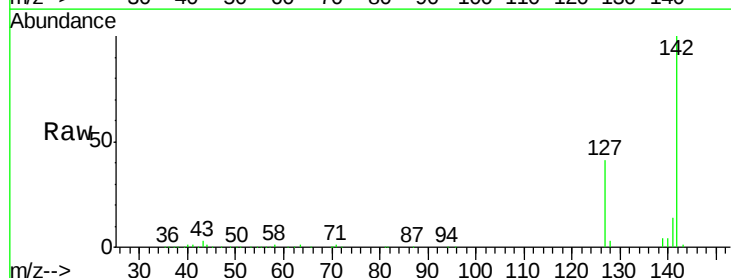
RT: 2.51 min Scan# 222

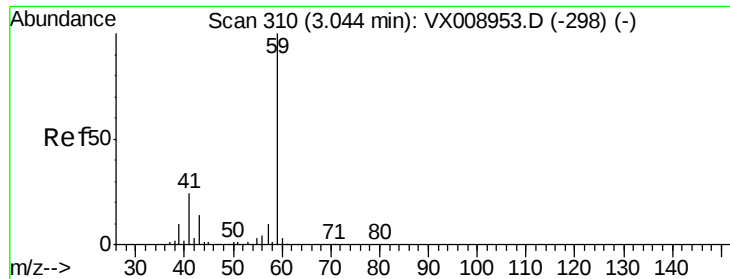
Delta R.T. 0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	142	Resp:	83062
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.8	49.2
141	14.3	11.4	17.2





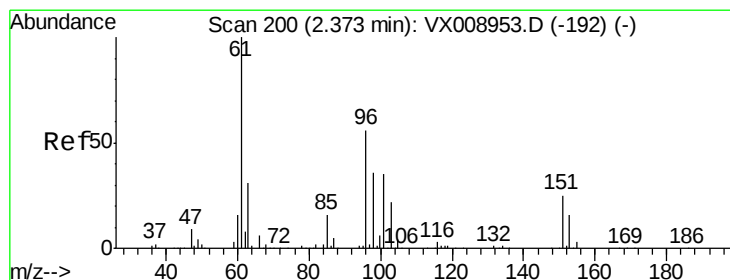
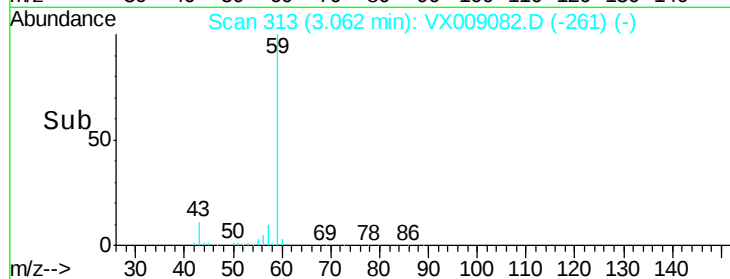
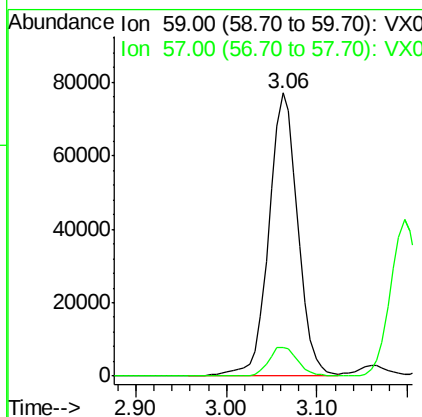
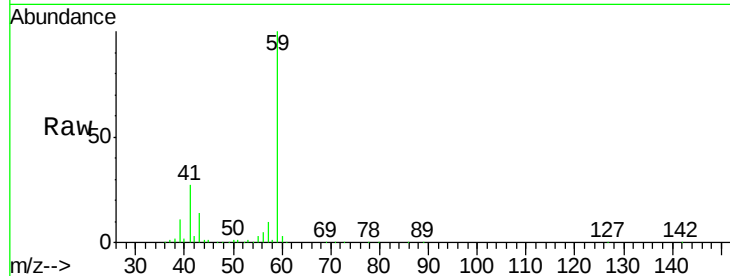
#11
Tert butyl alcohol
Concen: 272.581 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 170247
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

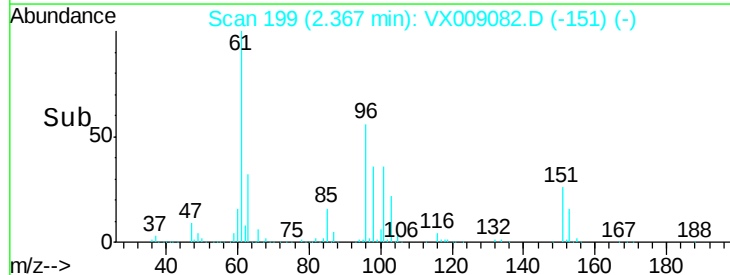
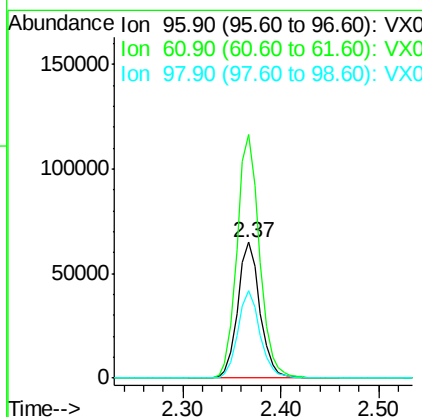
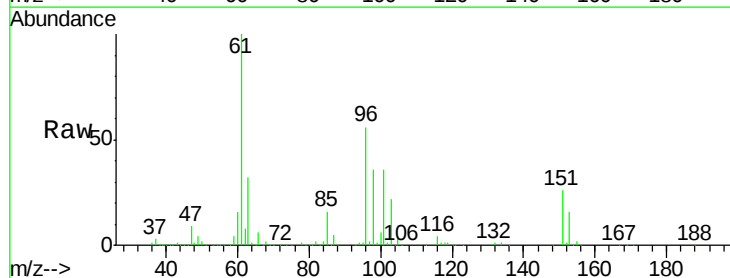
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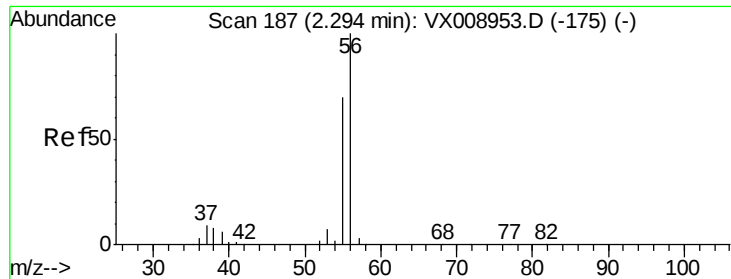
MMDadoda
4/22/2019 10:51:59 AM



#12
1,1-Dichloroethene
Concen: 48.202 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion: 96 Resp: 103204
Ion Ratio Lower Upper
96 100
61 179.6 142.2 213.2
98 64.5 50.9 76.3





#13

Acrolein

Concen: 238.887 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 128917

Ion Ratio Lower Upper

56 100

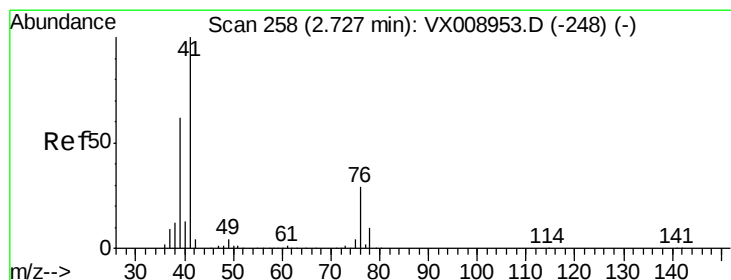
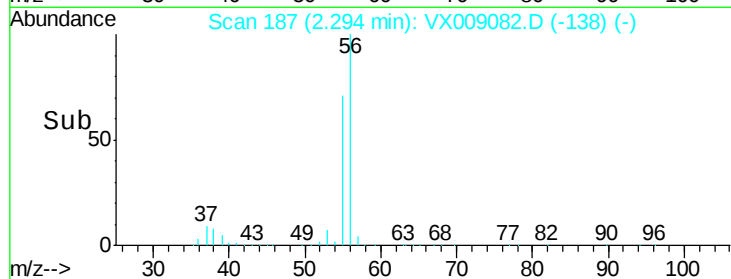
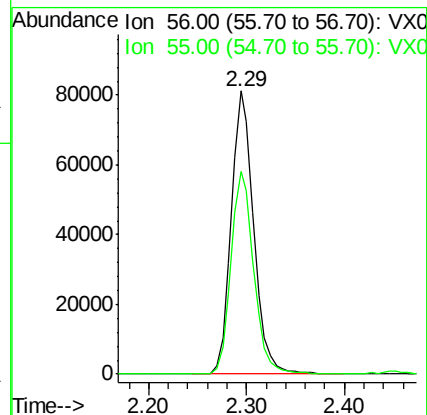
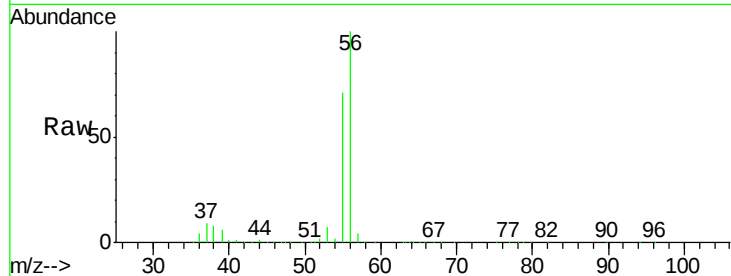
55 72.5 56.6 84.8

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 53.934 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

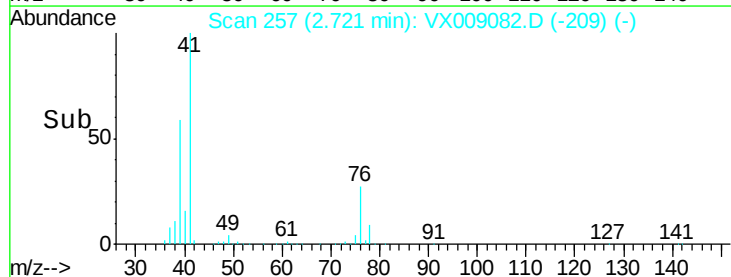
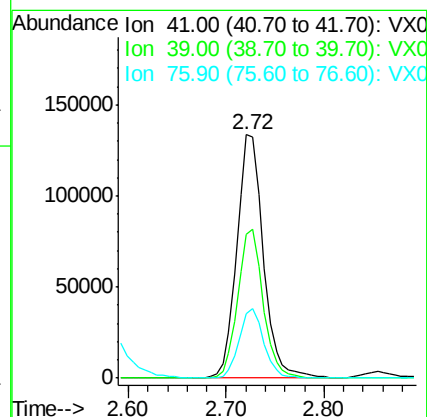
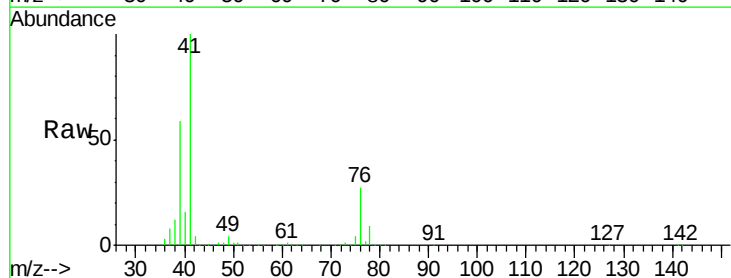
Tgt Ion: 41 Resp: 251936

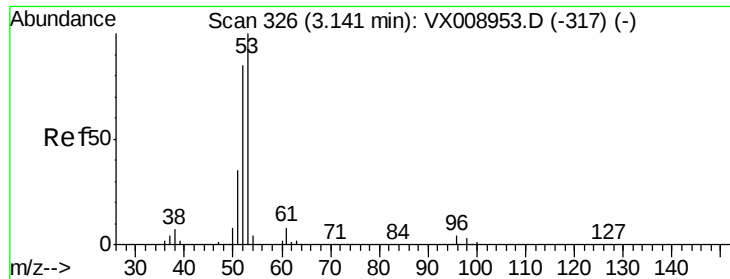
Ion Ratio Lower Upper

41 100

39 58.6 46.7 70.1

76 26.8 22.0 33.0





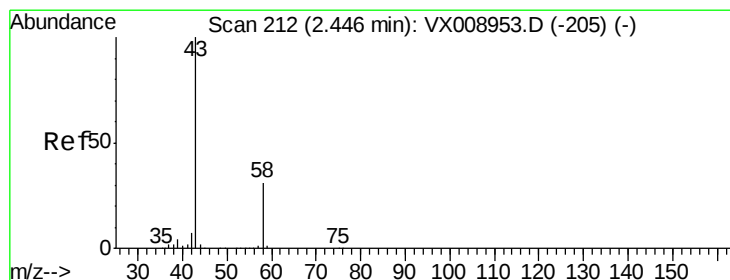
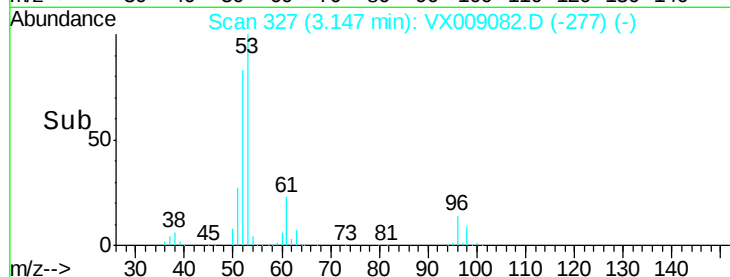
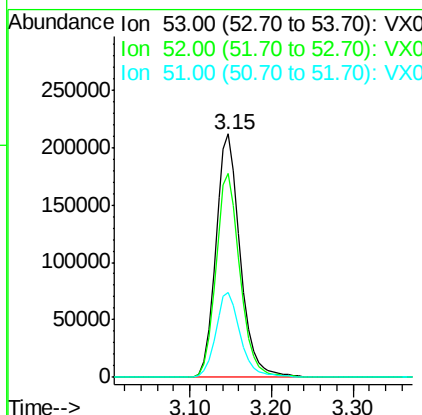
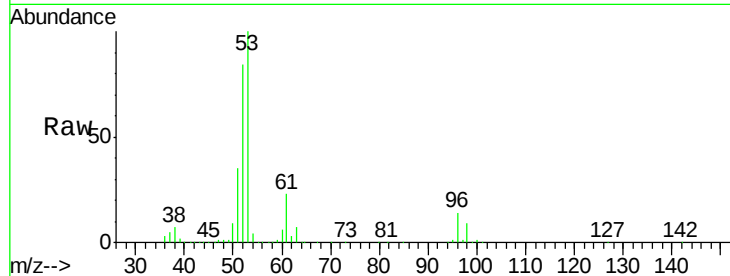
#15
 Acrylonitrile
 Concen: 277.556 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	440056
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.6	100.0
51	35.3	28.3	42.5

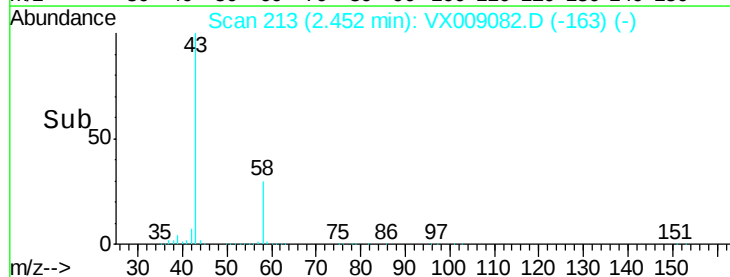
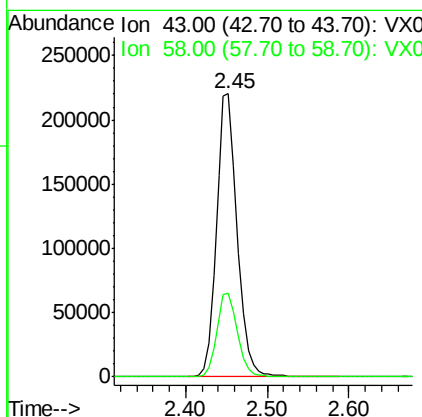
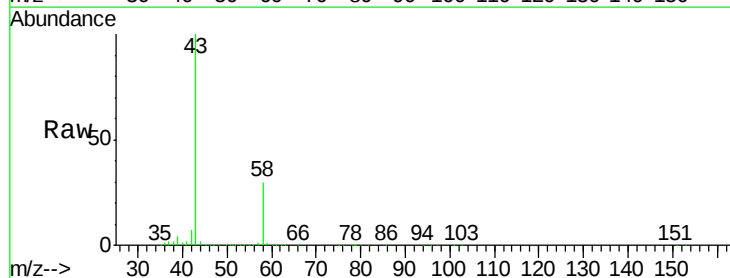
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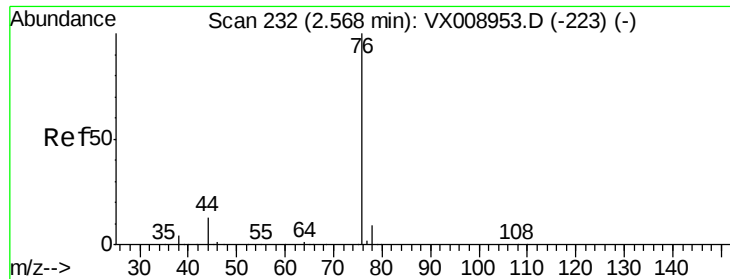
MMDadoda
 4/22/2019 10:51:59 AM



#16
 Acetone
 Concen: 265.867 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion:	43	Resp:	387936
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.8	37.2





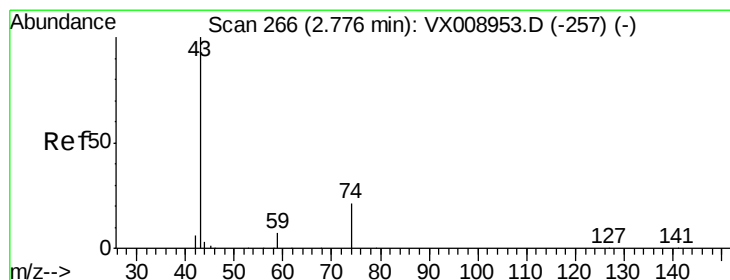
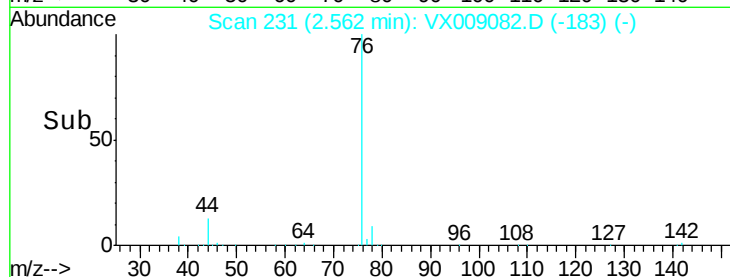
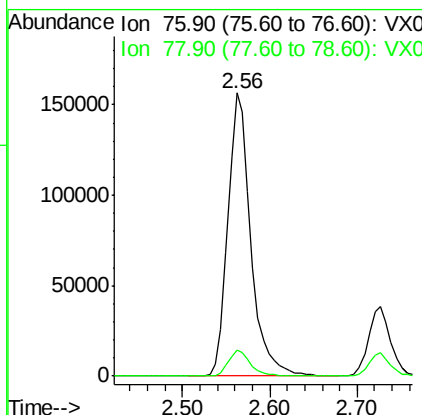
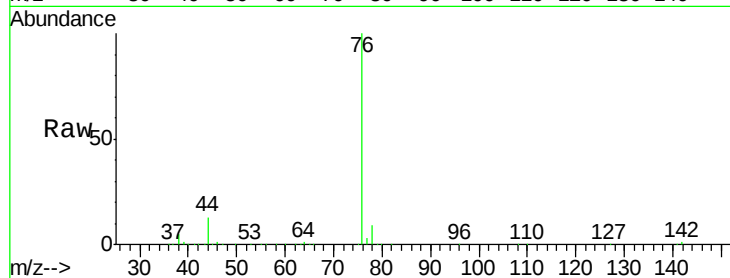
#17
Carbon Disulfide
Concen: 45.440 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

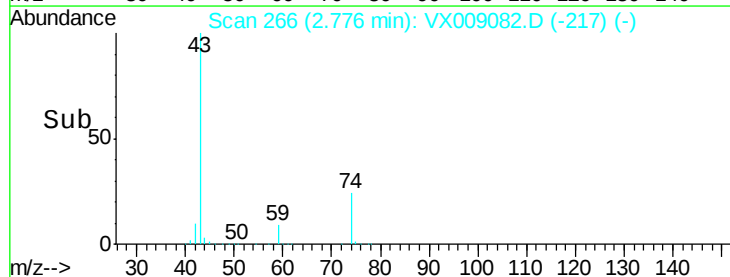
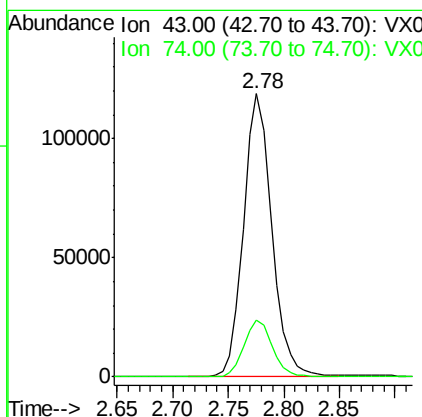
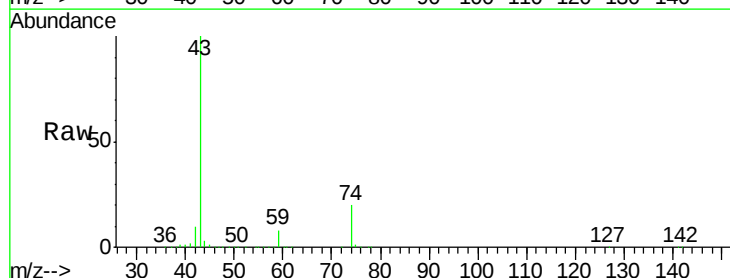
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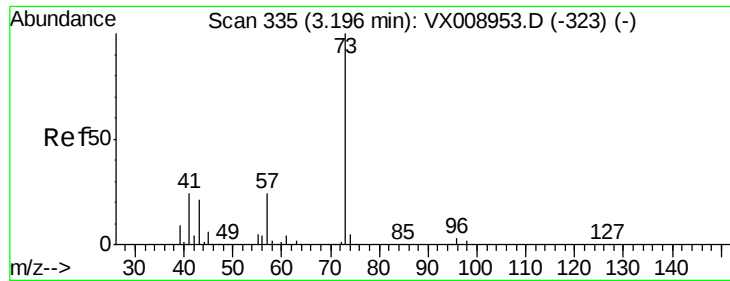
MMDadoda
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#18
Methyl Acetate
Concen: 57.664 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	16.6	25.0





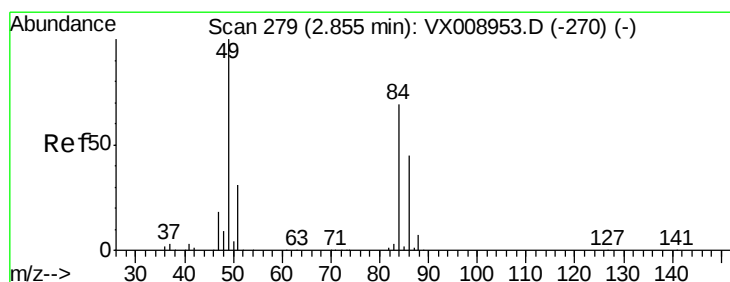
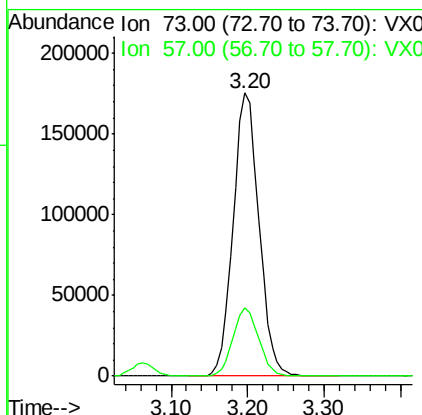
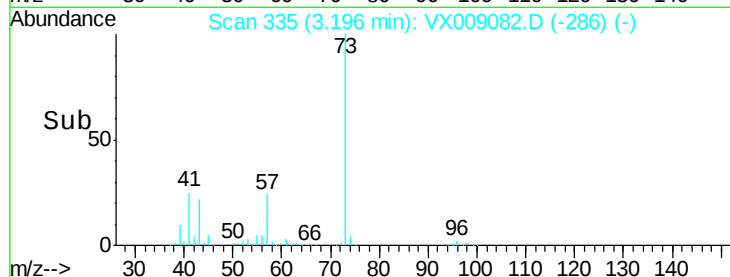
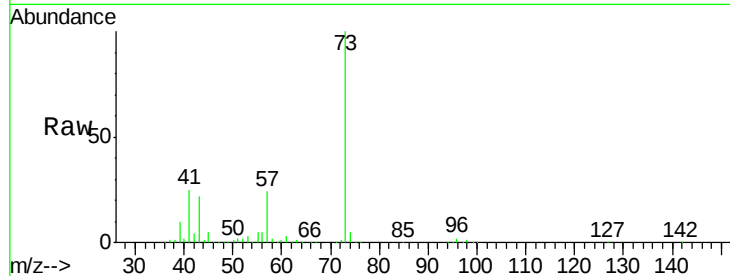
#19
Methvl tert-butvl Ether
Concen: 53.864 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.2	28.8

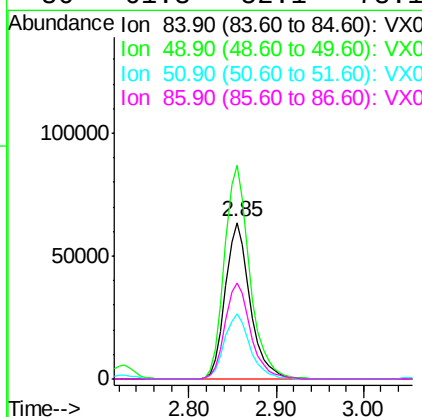
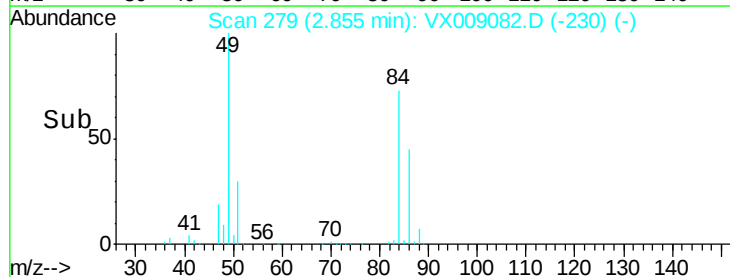
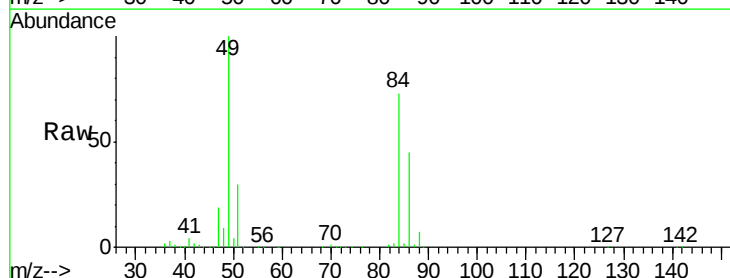
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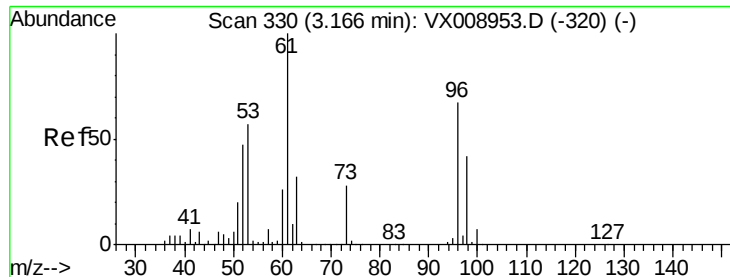
MMDadoda
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#20
Methylene Chloride
Concen: 50.058 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.7	115.4	173.0
51	41.5	35.8	53.6
86	61.3	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 49.596 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

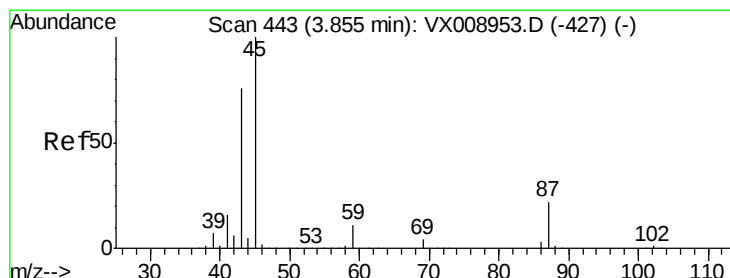
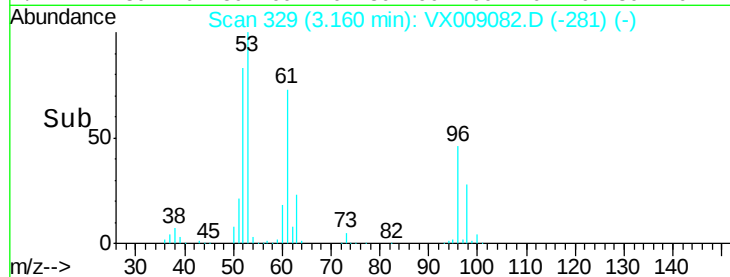
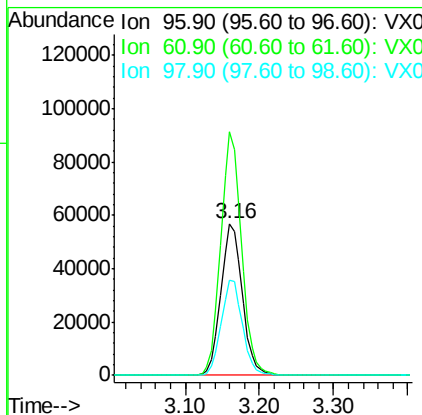
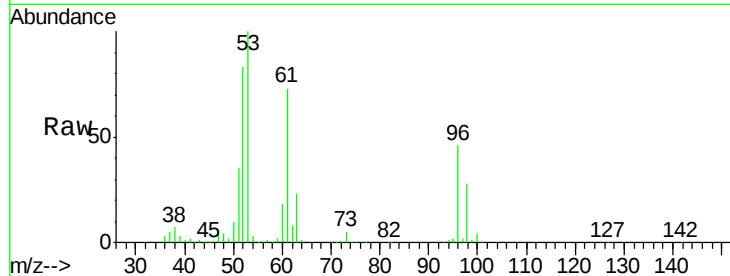
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	113263
Ion	Ratio	Lower	Upper
96	100		
61	160.6	120.3	180.5
98	62.4	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.808 ug/l

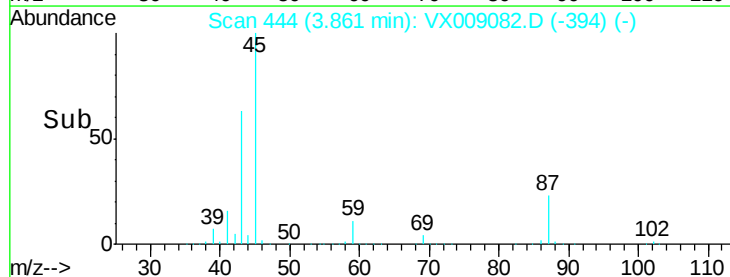
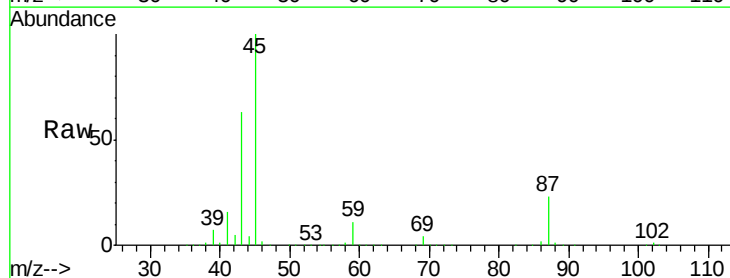
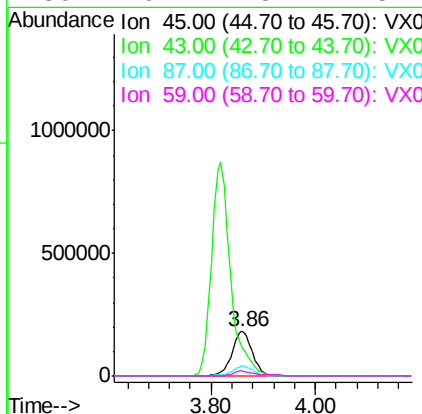
RT: 3.86 min Scan# 444

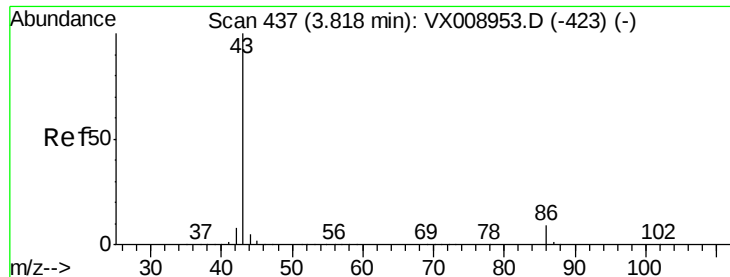
Delta R.T. 0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	45	Resp:	497495
Ion	Ratio	Lower	Upper
45	100		
43	63.4	60.6	91.0
87	22.6	17.8	26.8
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 280.269 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2236267

Ion Ratio Lower Upper

43 100

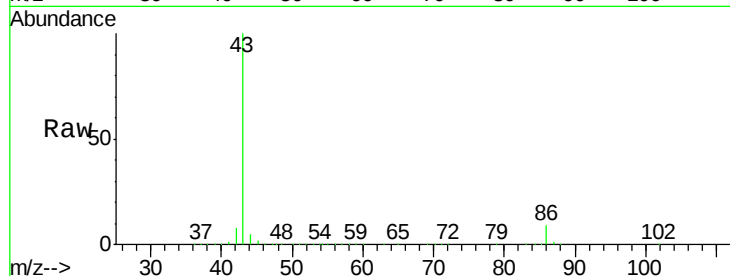
86 8.6 7.1 10.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

400000

200000

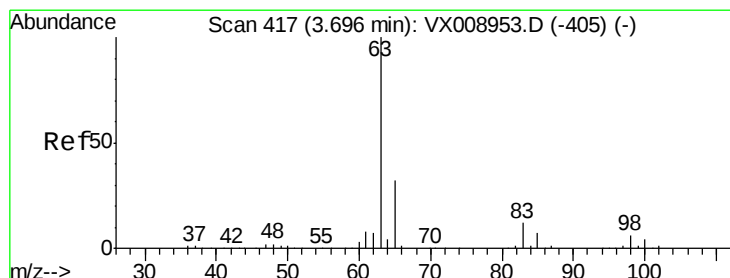
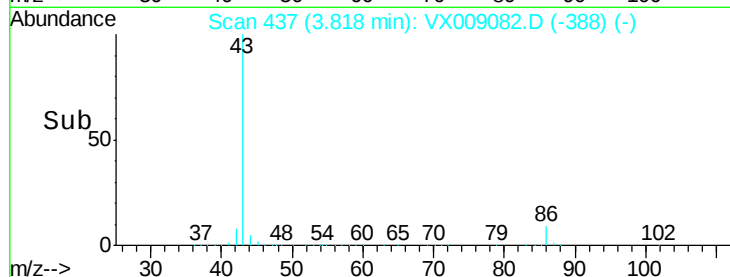
0

3.82

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.183 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

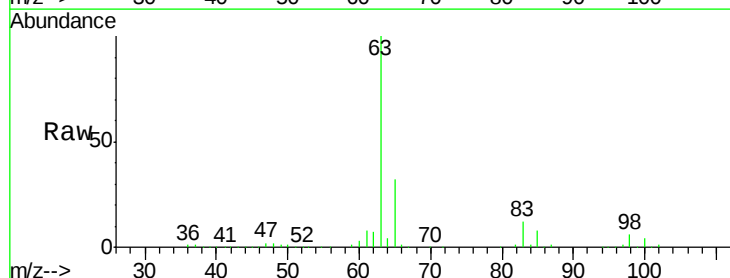
Tgt Ion: 63 Resp: 242326

Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

50000

0

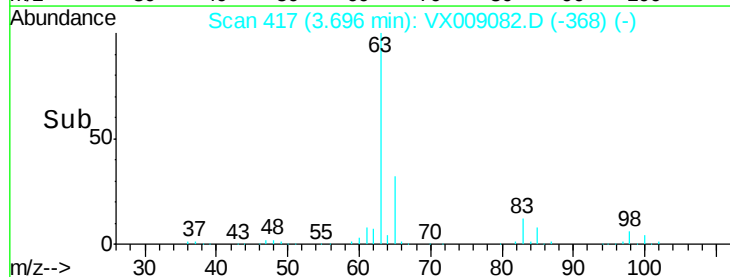
3.70

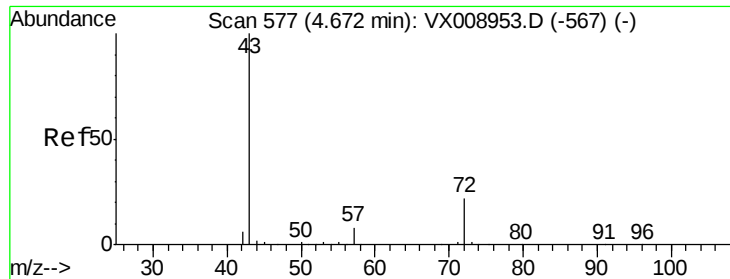
3.60

3.80

3.90

Time-->





#25

2-Butanone

Concen: 281.277 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tot Ion: 43 Resp: 656033

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3

Instrument :

MSVOA_X

ClientSampleId :

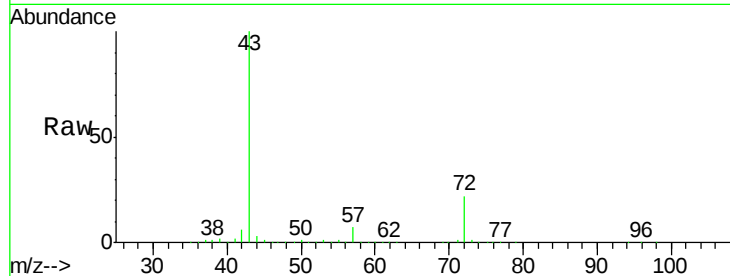
VSTDCCC050EC

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

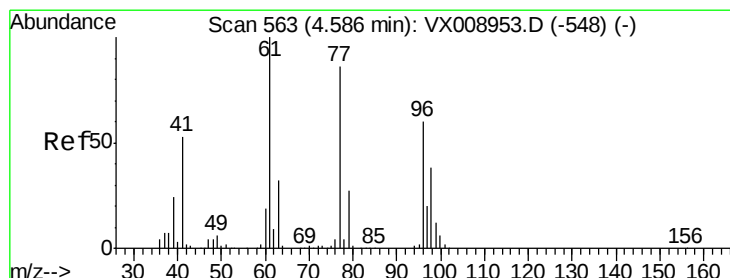
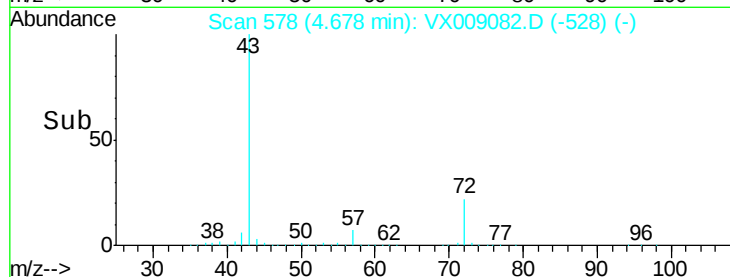
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.280 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009082.D

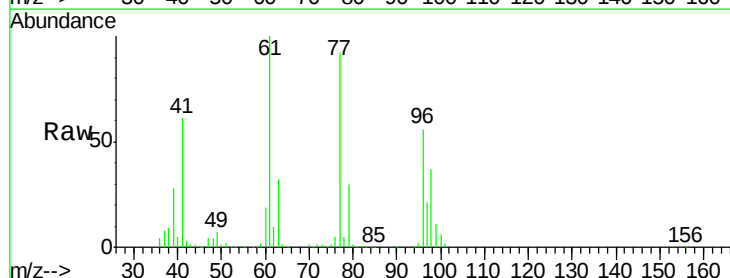
Acq: 19 Apr 2019 19:48

Tgt Ion: 77 Resp: 161483

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

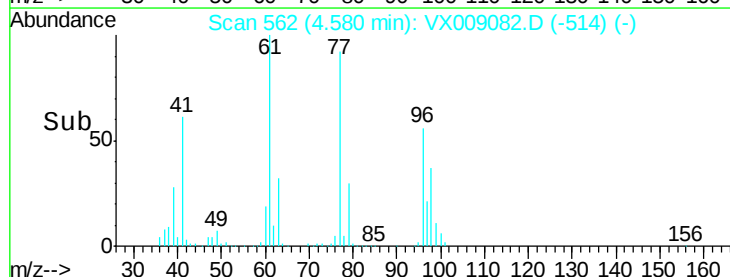
4.40

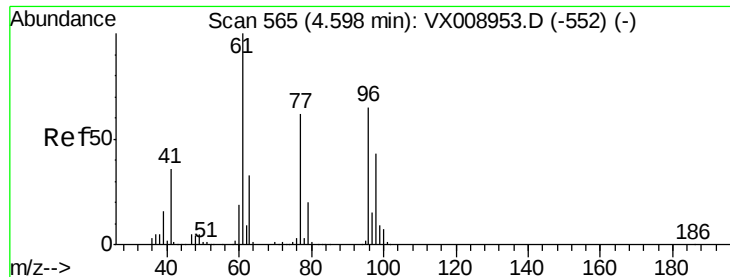
4.50

4.60

4.70

Time-->





#27

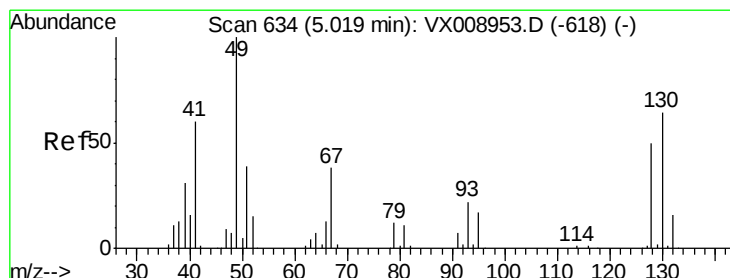
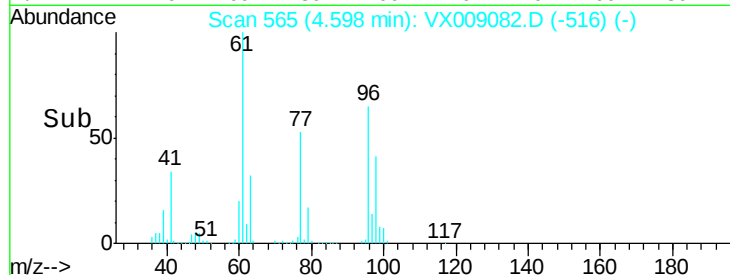
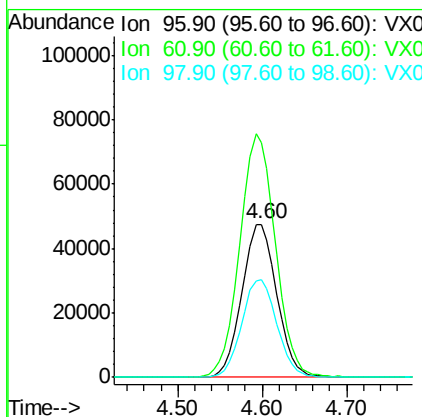
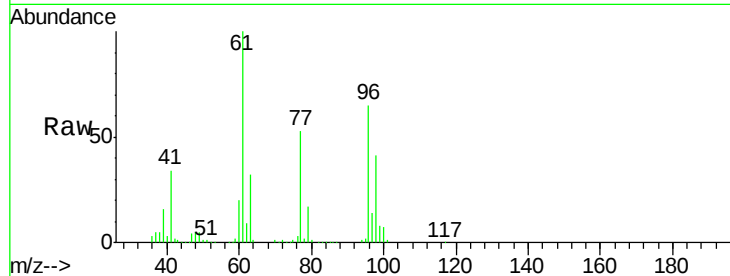
cis-1,2-Dichloroethene
Concen: 51.412 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.5	0.0	322.0	
98	64.4	0.0	128.4	

Manual Integrations
APPROVED

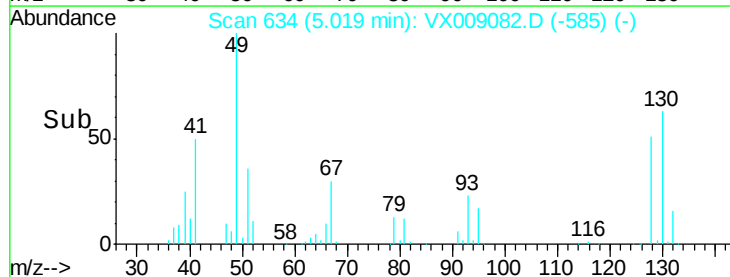
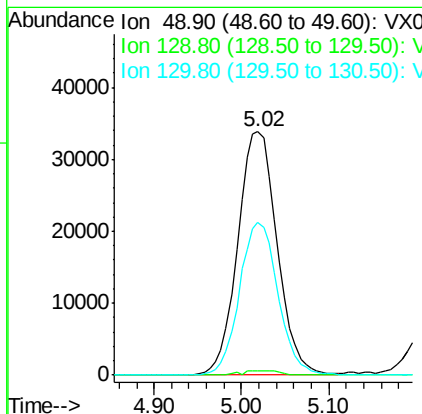
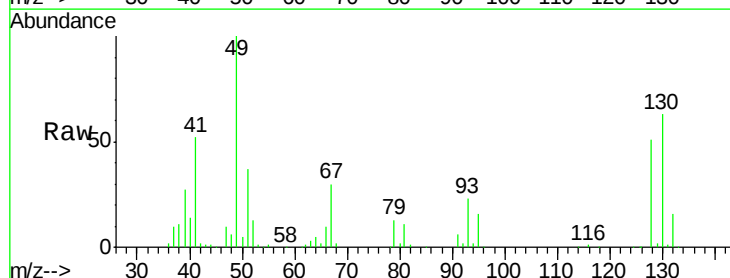
MMDadoda
4/22/2019 10:51:59 AM

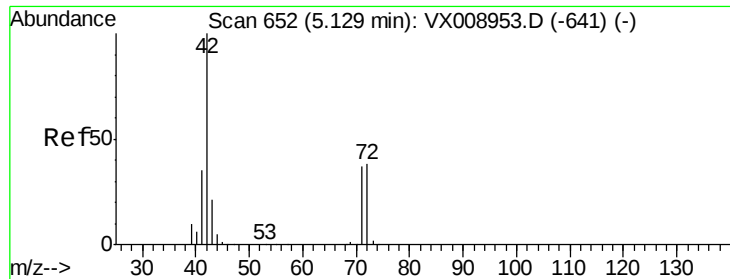


#28

Bromochloromethane
Concen: 56.323 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.6	
130	61.5	50.4	75.6	





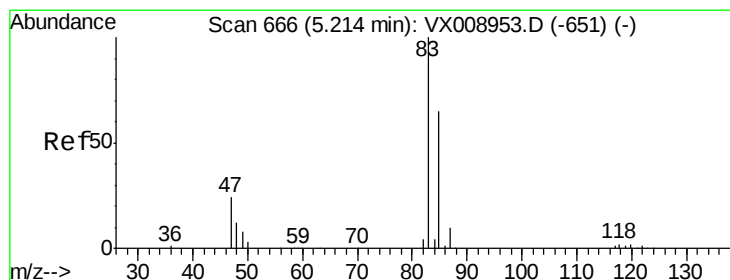
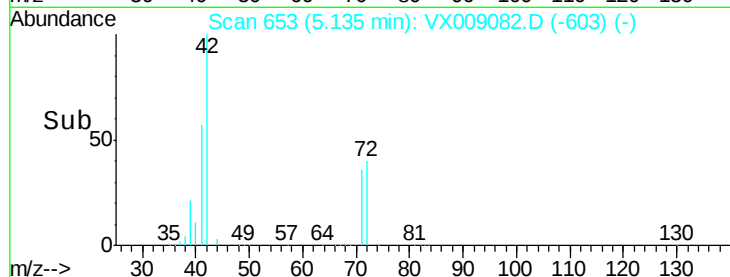
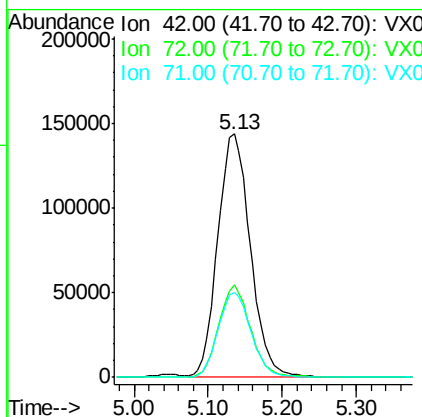
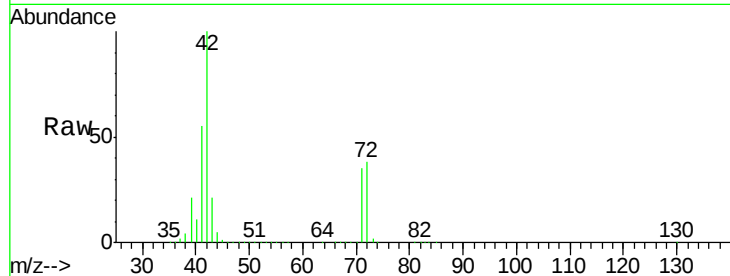
#29
Tetrahydrofuran
Concen: 279.911 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.6	45.8
71	35.1	28.8	43.2

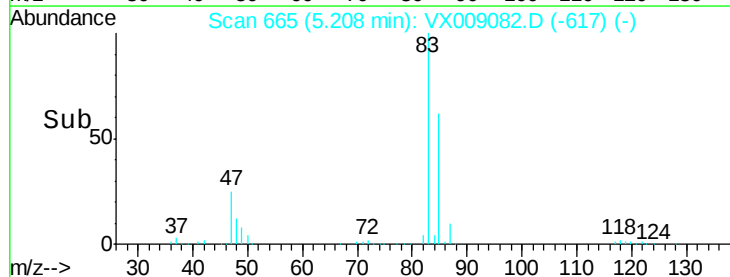
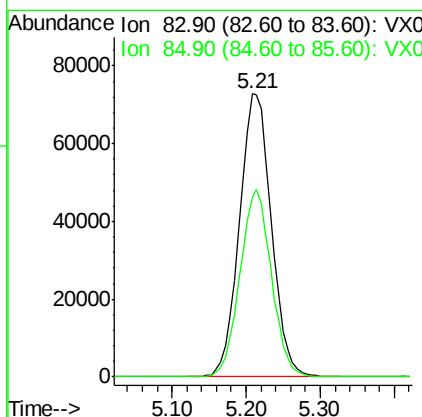
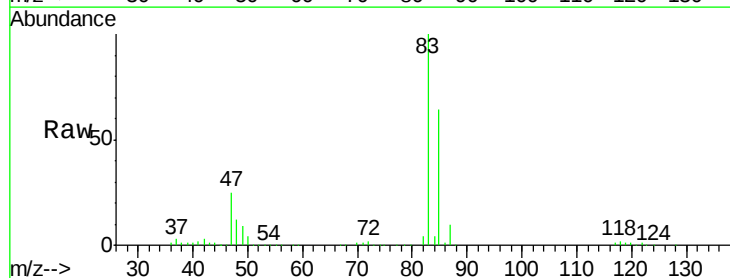
Manual Integrations
APPROVED

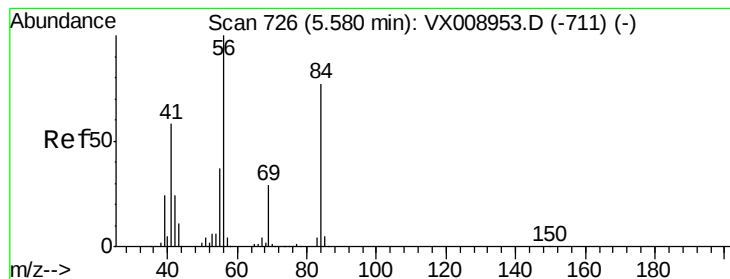
MMDadoda
4/22/2019 10:51:59 AM



#30
Chloroform
Concen: 53.761 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.9	77.9





#31

Cyclohexane

Concen: 50.720 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 227304

Ion Ratio Lower Upper

56 100

69 28.0 23.3 34.9

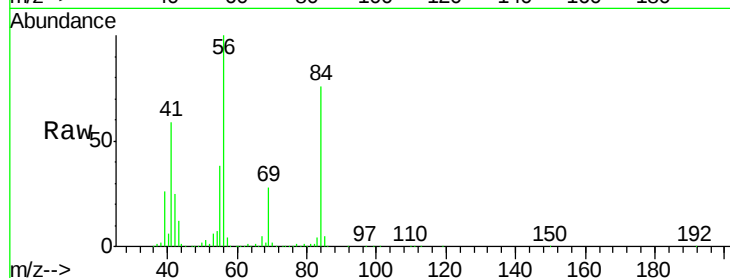
84 75.0 61.7 92.5

Manual Integrations

APPROVED

MMDadoda

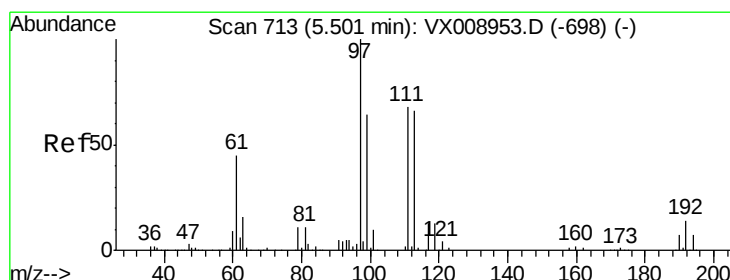
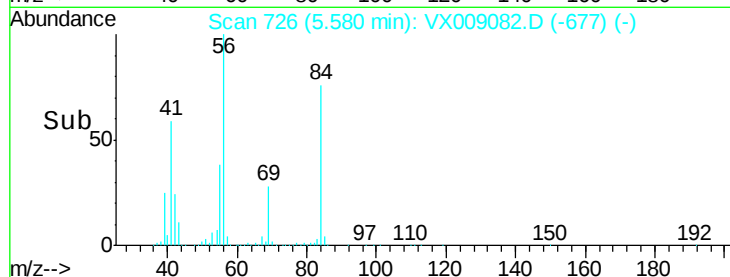
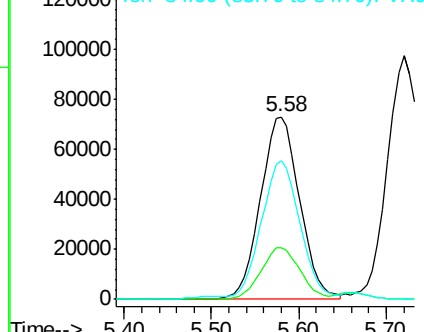
4/22/2019 10:51:59 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.521 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

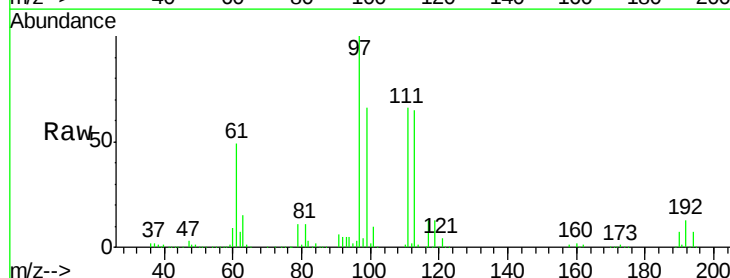
Tgt Ion: 97 Resp: 177487

Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

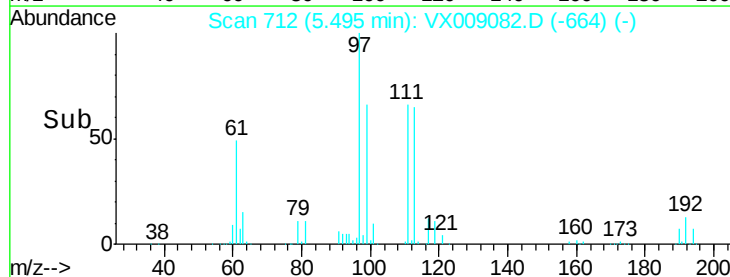
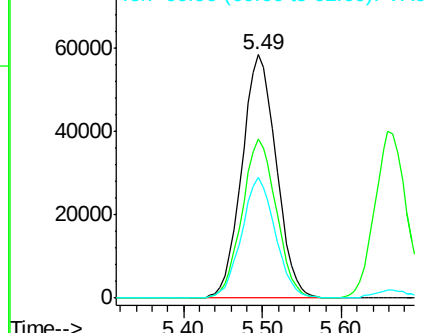
61 48.7 37.9 56.9

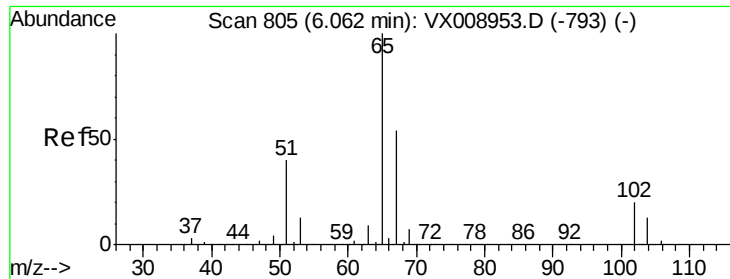


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





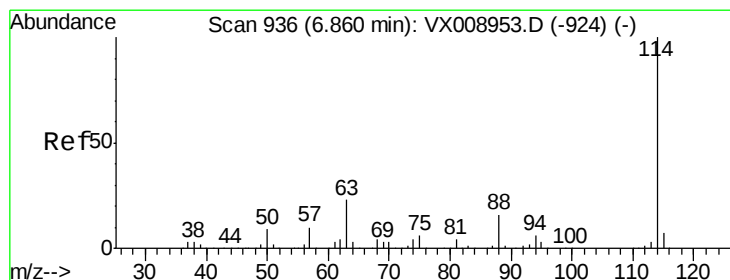
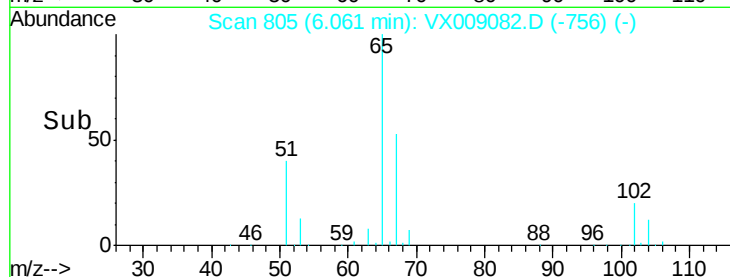
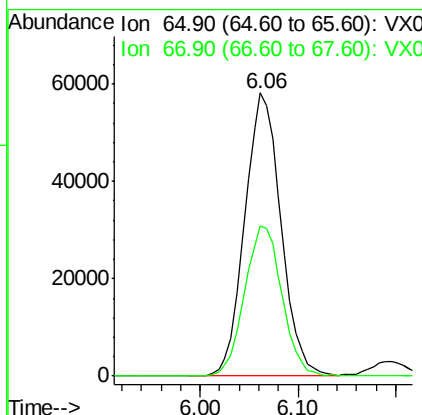
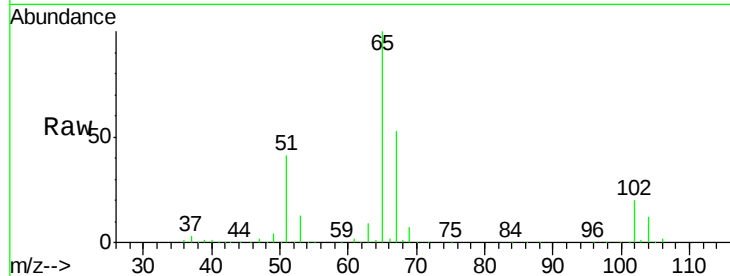
#33
 1,2-Dichloroethane-d4
 Concen: 53.322 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 150033
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6

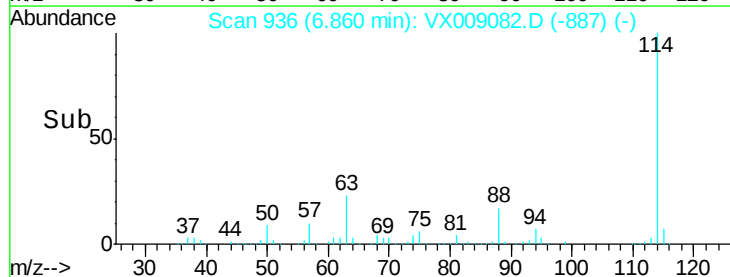
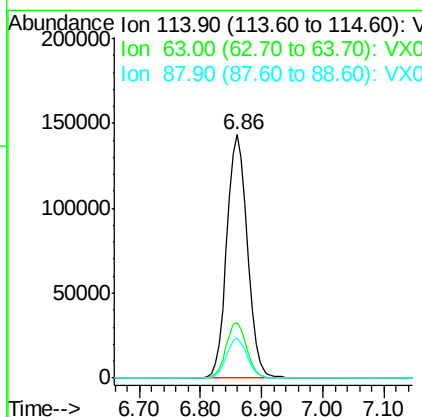
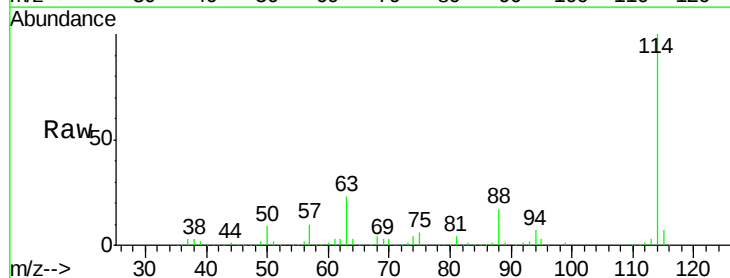
Manual Integrations
 APPROVED

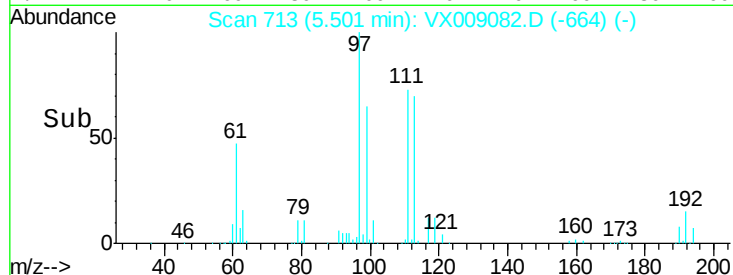
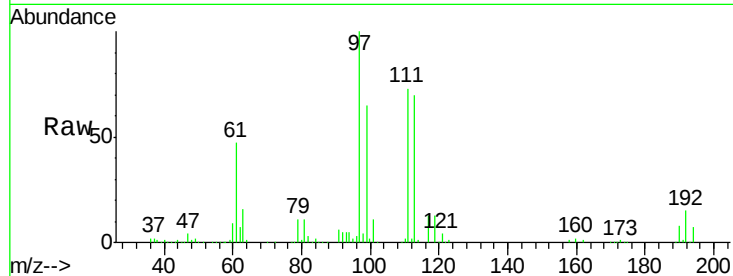
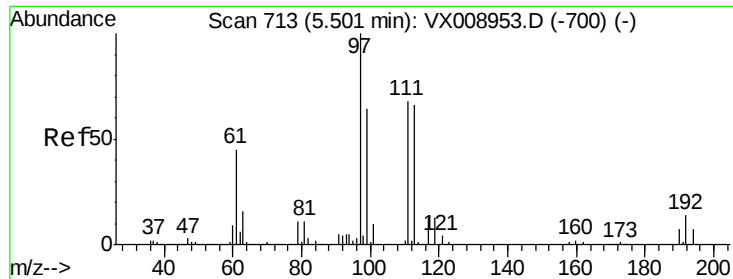
MMDadoda
 4/22/2019 10:51:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion: 114 Resp: 334808
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.5 0.0 32.6





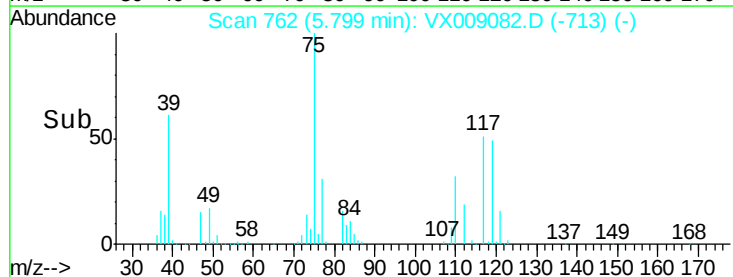
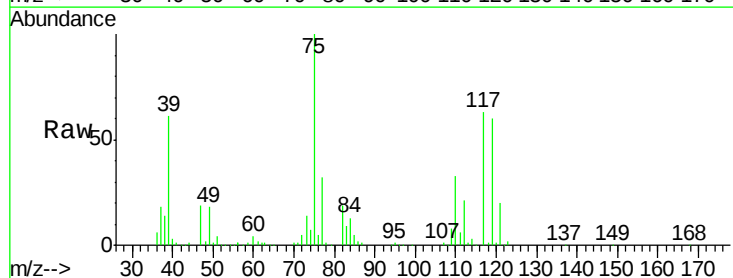
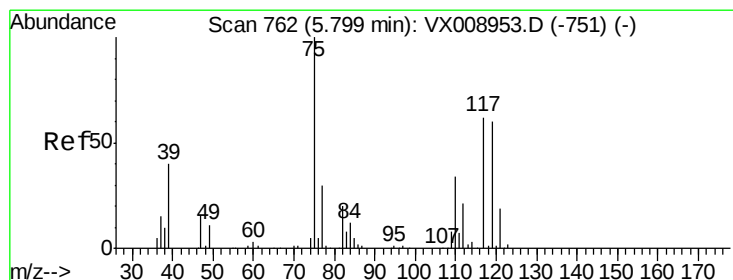
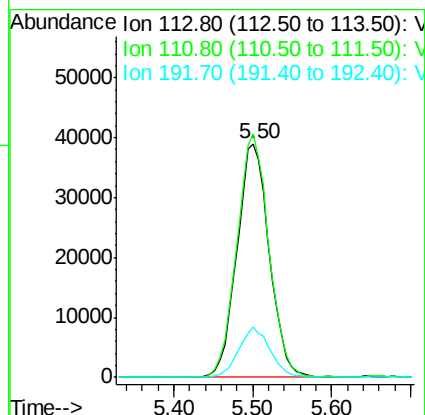
#35
Dibromofluoromethane
Concen: 51.663 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111010		
111	103.3	82.9	124.3	
192	20.8	17.4	26.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

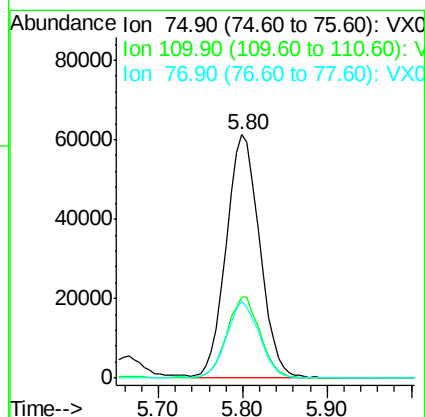
Manual Integrations
APPROVED

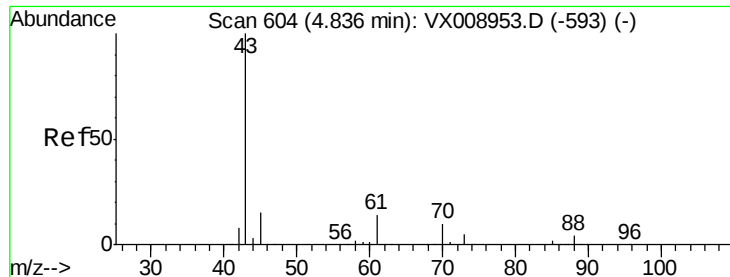
MMDadoda
4/22/2019 10:51:59 AM



#36
1,1-Dichloropropene
Concen: 47.745 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	165323		
110	33.4	16.9	50.7	
77	31.5	25.0	37.4	





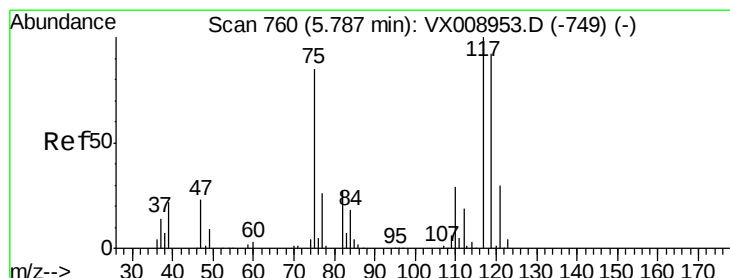
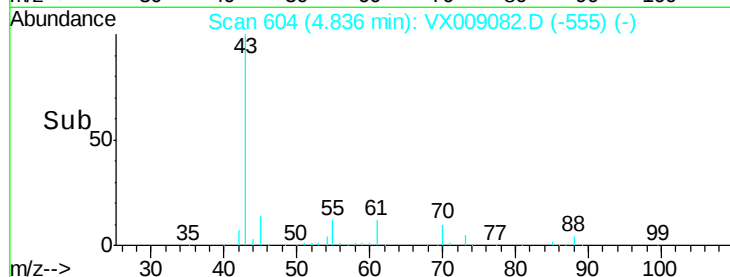
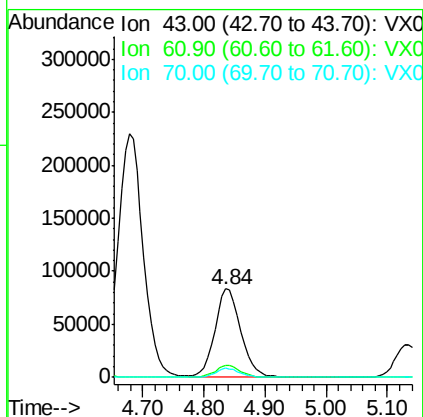
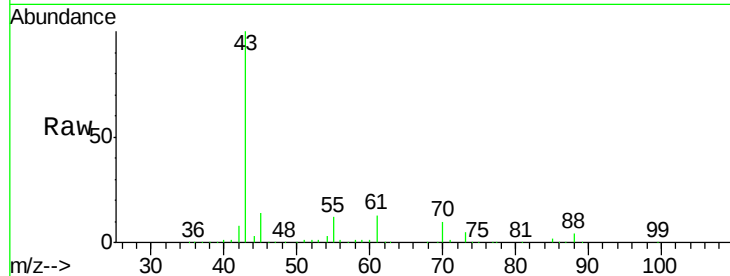
#37
Ethyl Acetate
Concen: 55.524 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	15.8
70	9.5	7.7	11.5

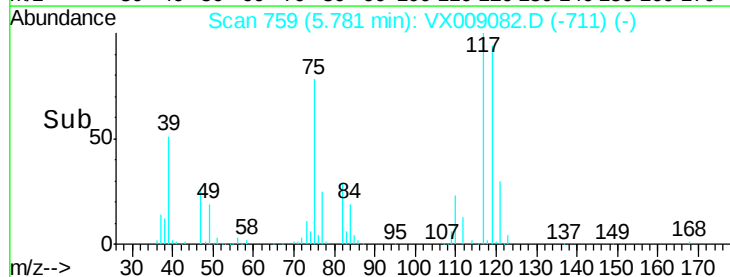
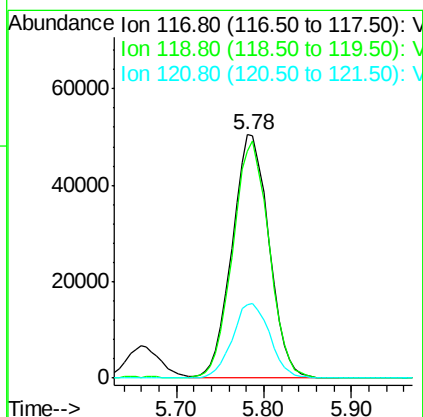
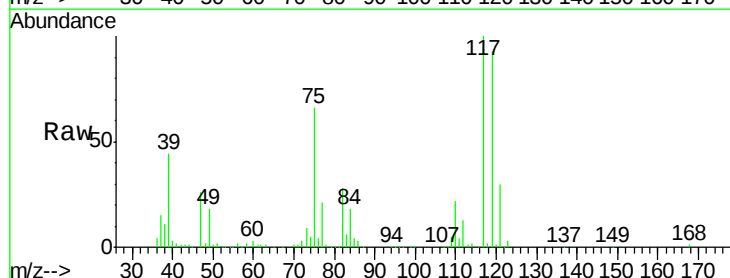
Manual Integrations
APPROVED

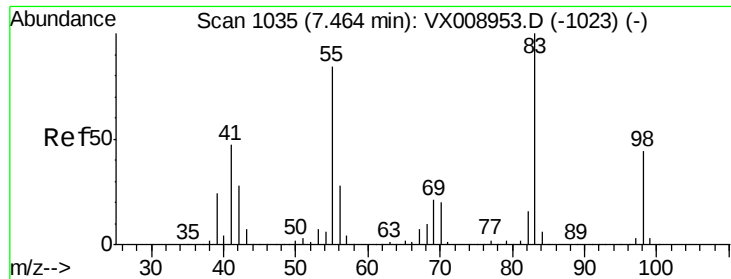
MMDadoda
4/22/2019 10:51:59 AM



#38
Carbon Tetrachloride
Concen: 50.561 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.8	110.8
121	30.0	23.6	35.4





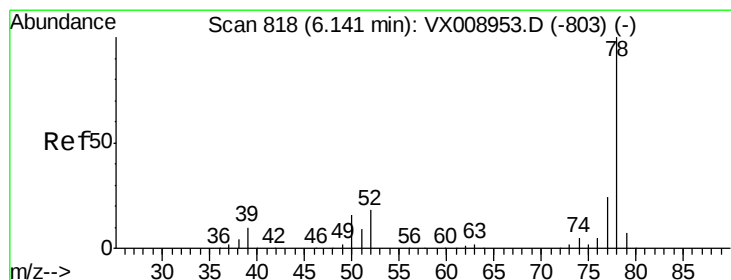
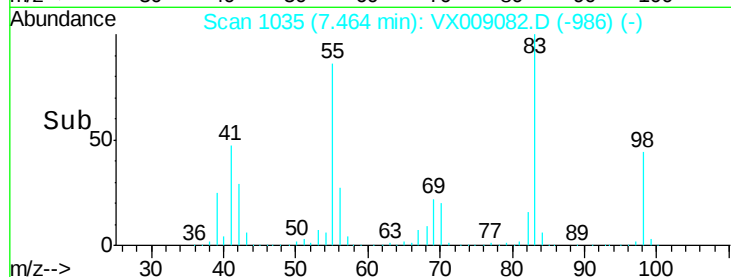
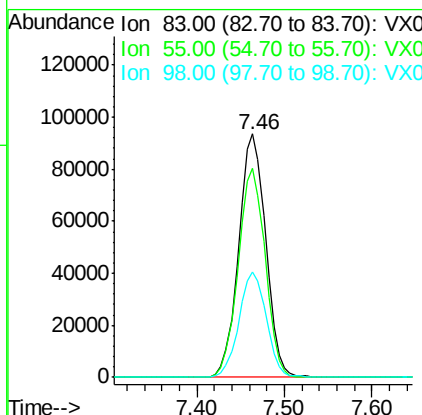
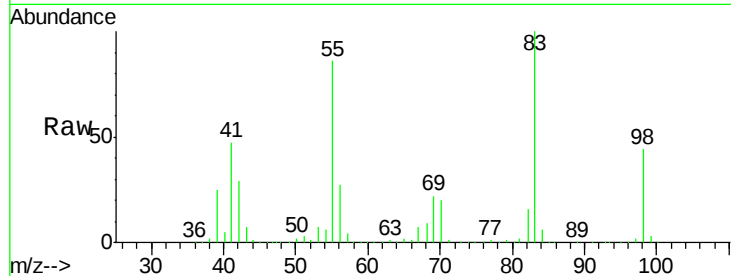
#39
Methylvlcvclohexane
Concen: 47.665 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	67.1	100.7
98	43.5	35.1	52.7

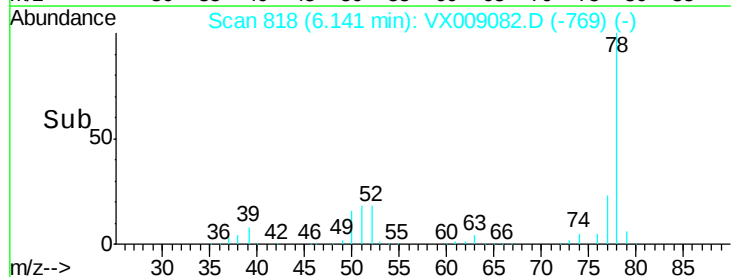
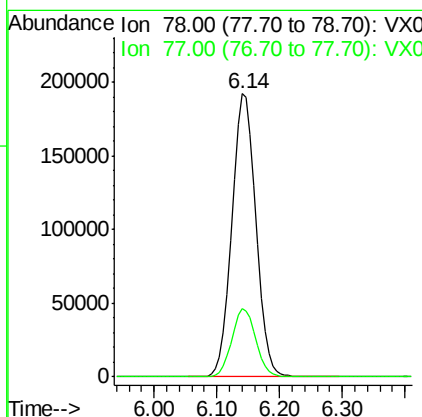
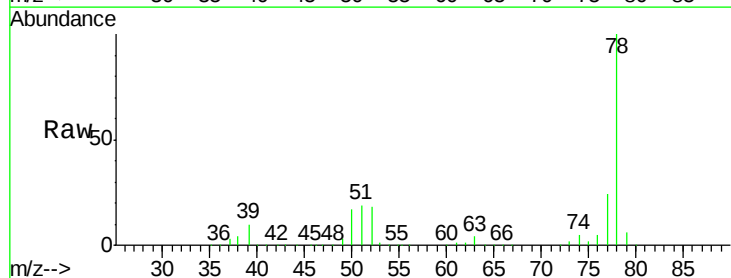
Manual Integrations
APPROVED

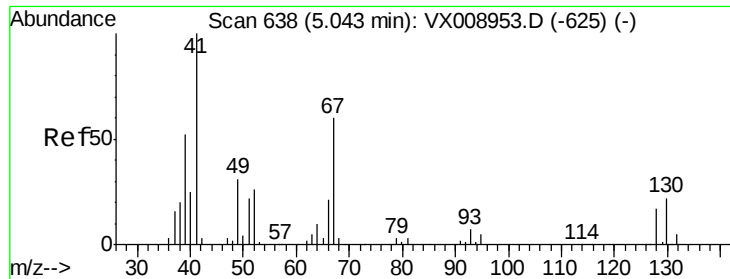
MMDadoda
4/22/2019 10:51:59 AM



#40
Benzene
Concen: 49.955 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





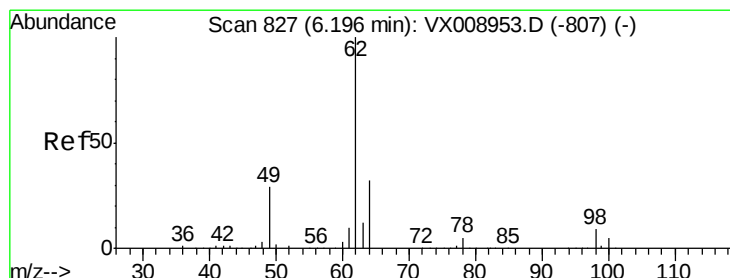
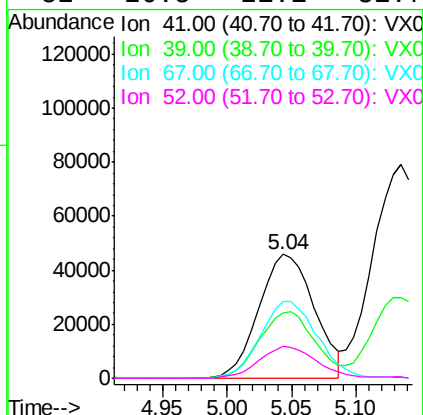
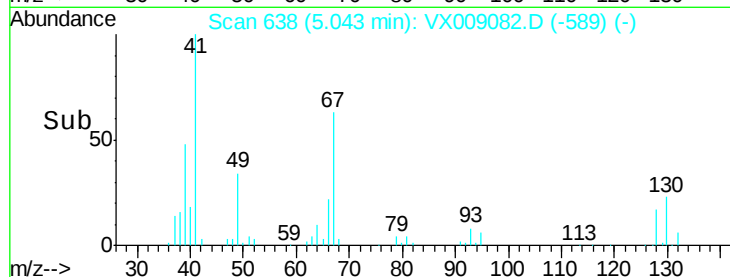
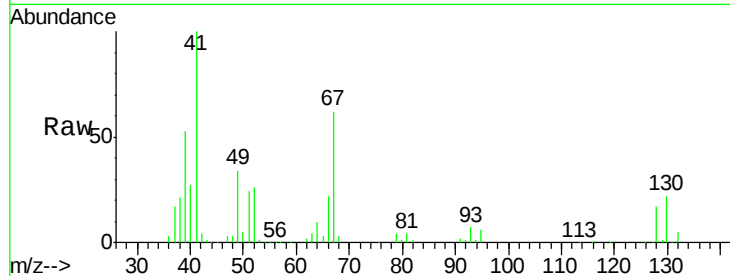
#41
Methacrylonitrile
Concen: 53.507 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	41.8	62.6	
67	64.2	50.2	75.4	
52	26.5	21.1	31.7	

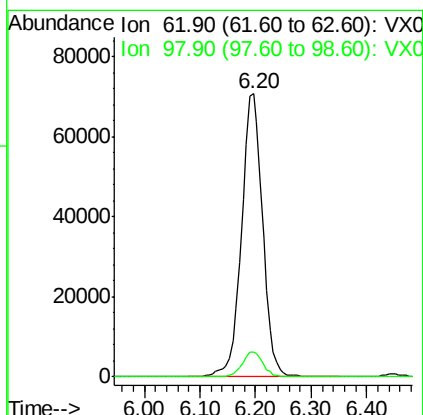
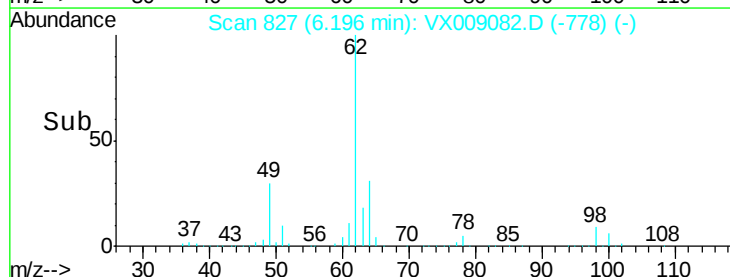
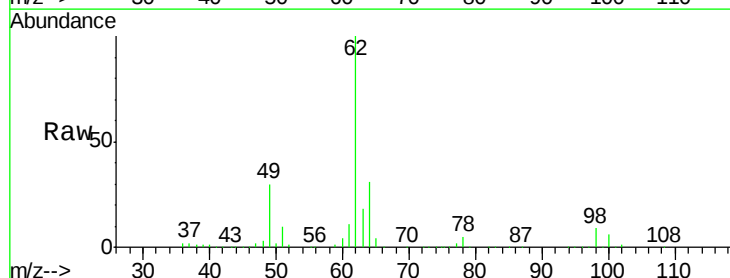
Manual Integrations
APPROVED

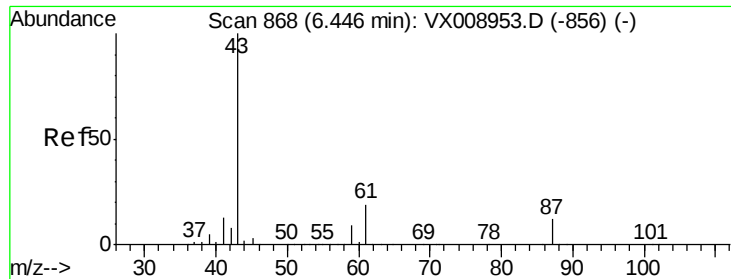
MMDadoda
4/22/2019 10:51:59 AM



#42
1,2-Dichloroethane
Concen: 51.426 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.4	





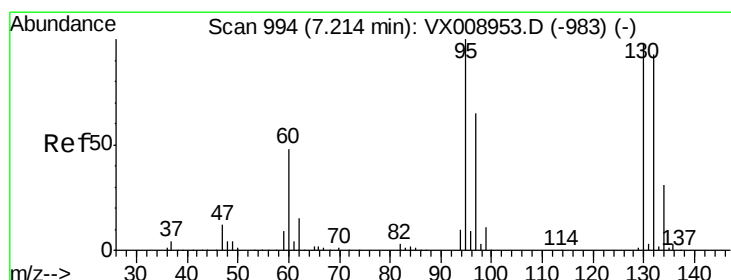
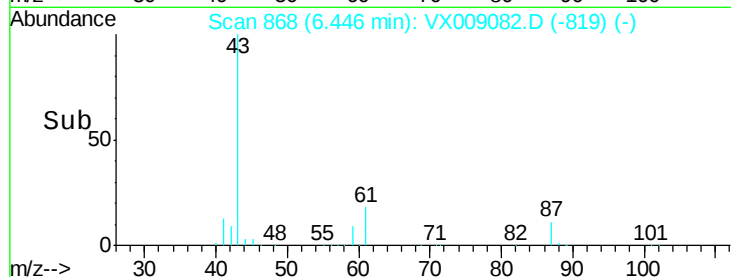
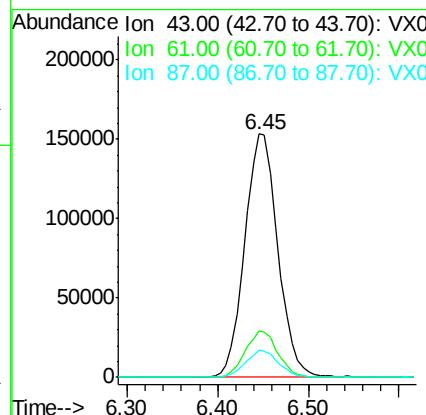
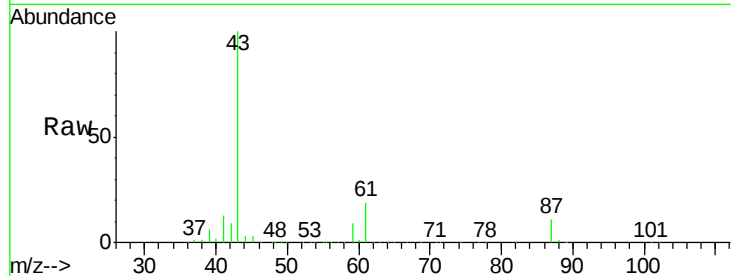
#43
Isopropyl Acetate
Concen: 53.715 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.4	23.0
87	11.1	9.0	13.4

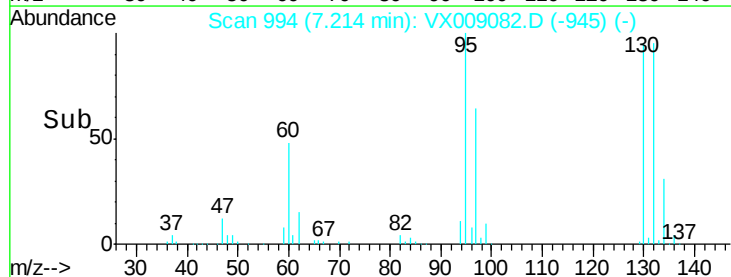
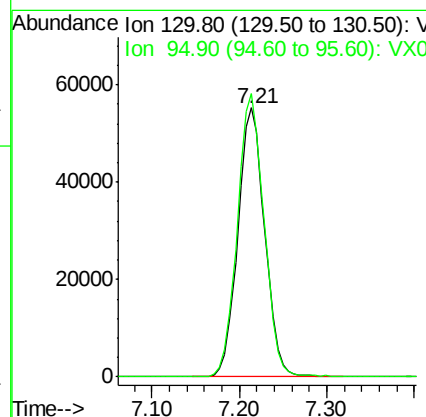
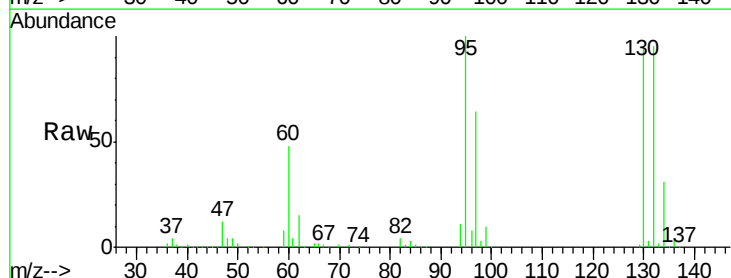
Manual Integrations
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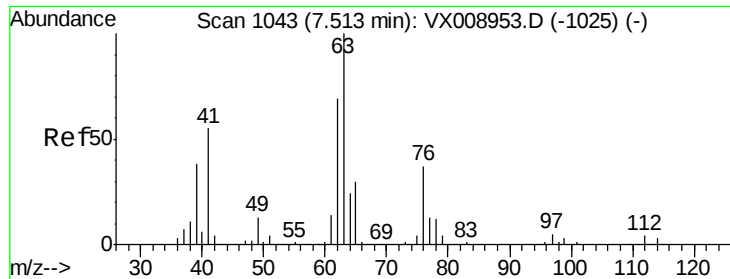
MMDadoda
4/22/2019 10:51:59 AM



#44
Trichloroethene
Concen: 47.221 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	203.2





#45

1,2-Dichloropropane

Concen: 52.568 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 148974

Ion Ratio Lower Upper

63 100

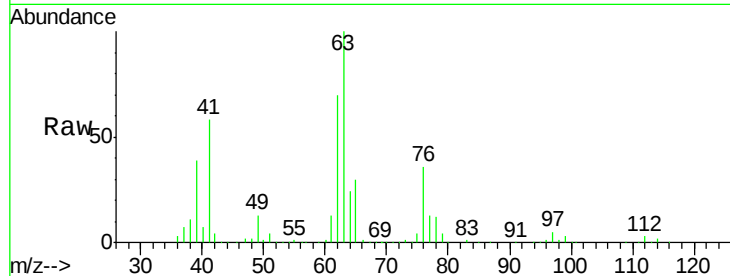
65 30.1 24.1 36.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

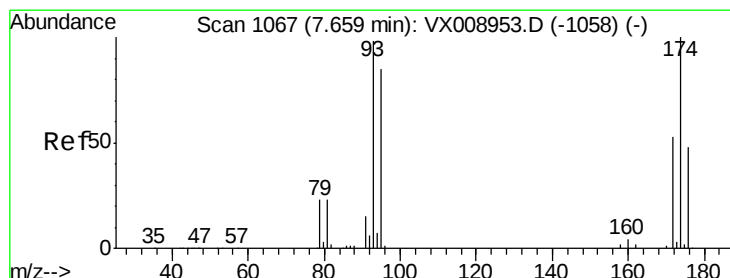
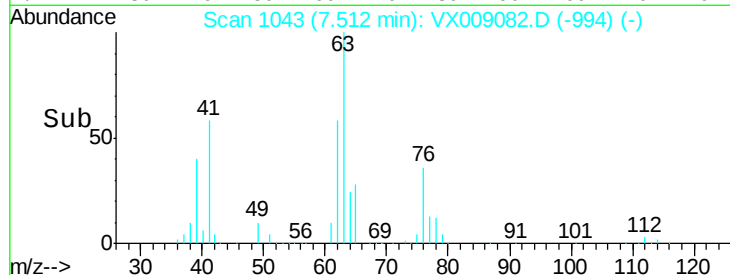
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 50.464 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

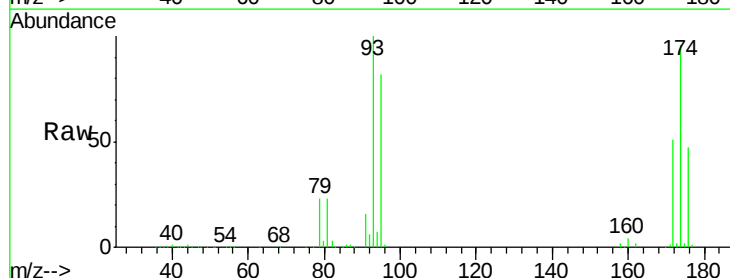
Tgt Ion: 93 Resp: 83229

Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 100.7 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

60000

50000

40000

30000

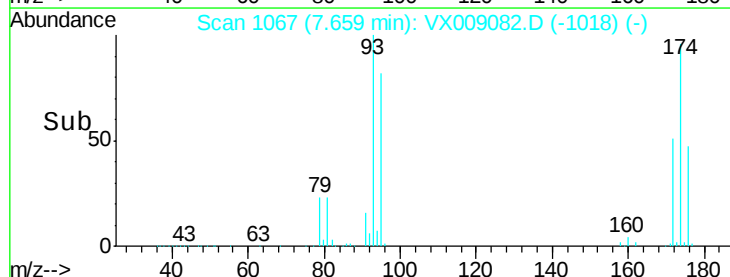
20000

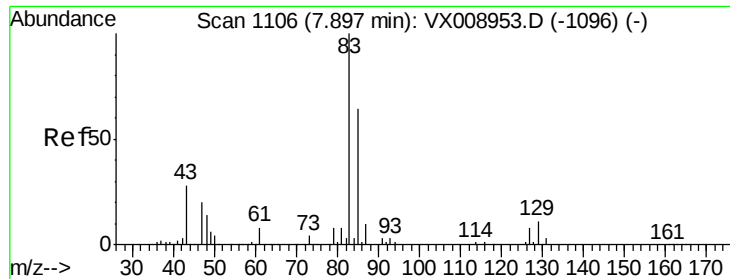
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 52.218 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

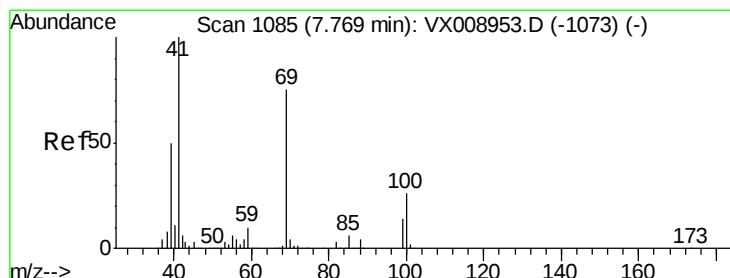
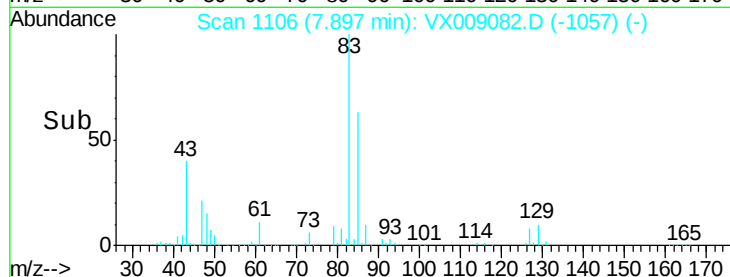
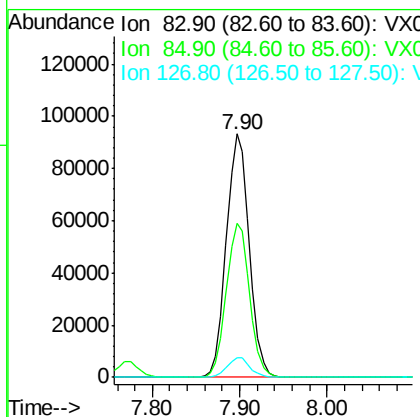
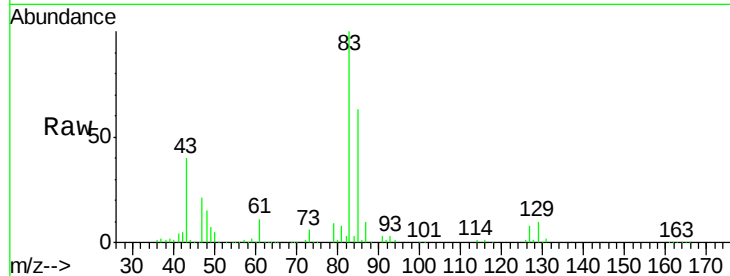
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	168917
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.8	76.2
127	8.2	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.595 ug/l

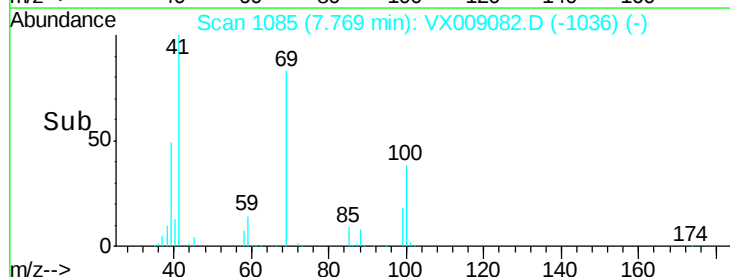
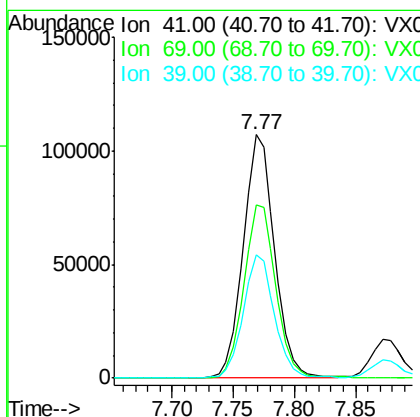
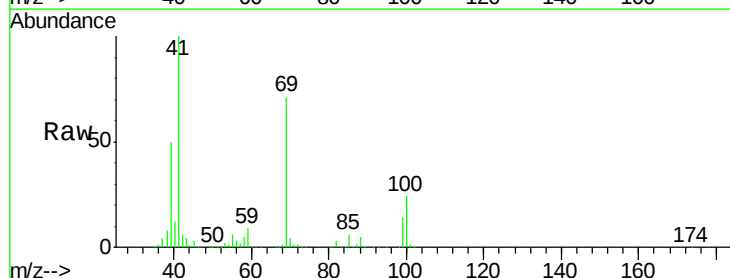
RT: 7.77 min Scan# 1085

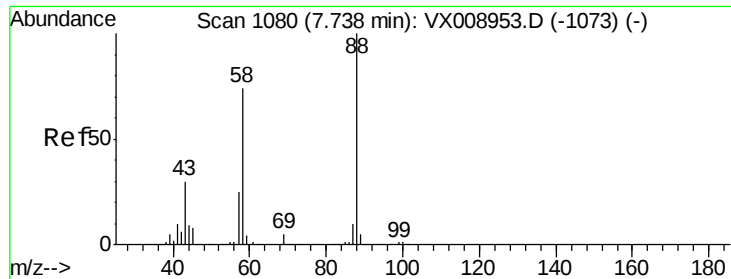
Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	41	Resp:	190146
Ion Ratio	Lower	Upper	
41	100		
69	73.3	59.4	89.2
39	50.6	39.8	59.6





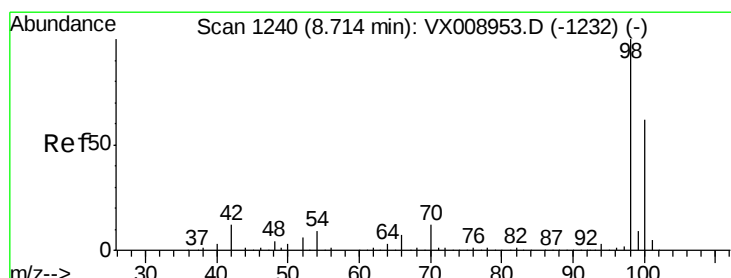
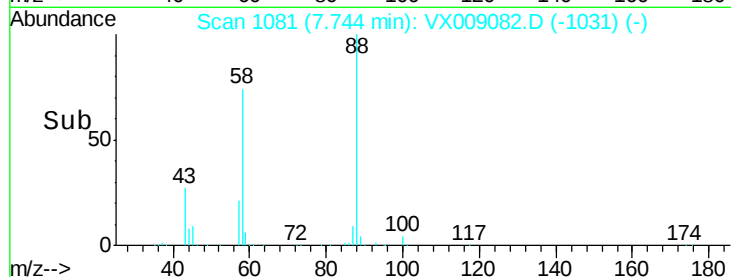
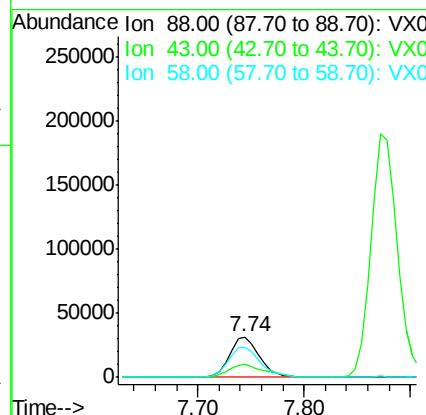
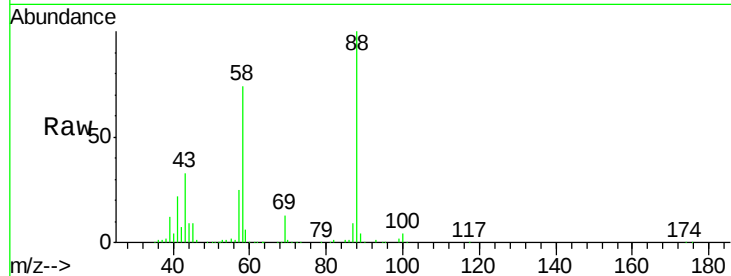
#49
1,4-Dioxane
Concen: 934.681 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.6	29.3	43.9
58	80.5	62.6	93.8

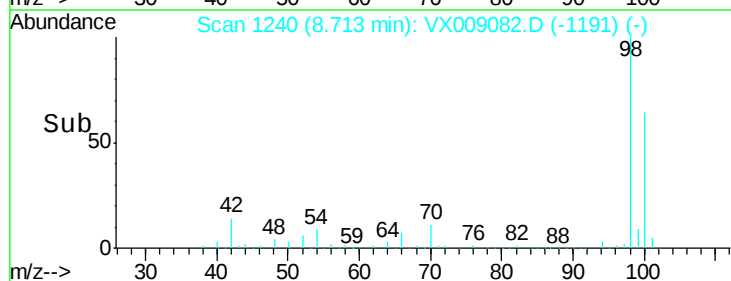
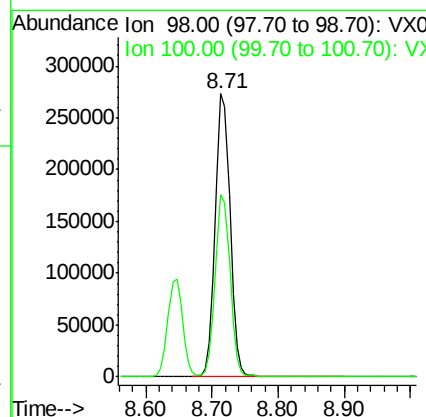
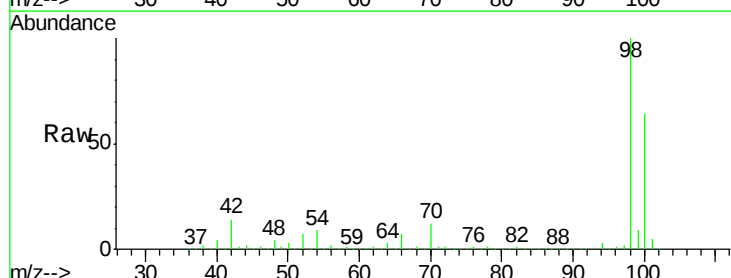
Manual Integrations
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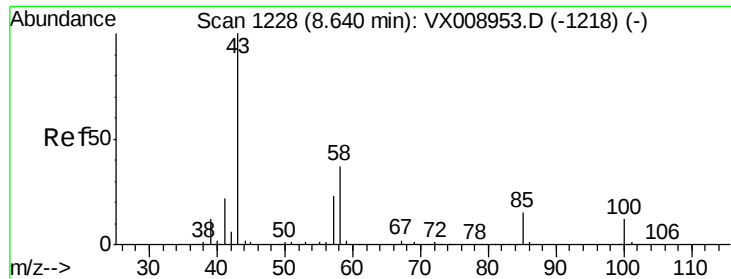
MMDadoda
4/22/2019 10:51:59 AM



#50
Toluene-d8
Concen: 50.118 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 270.296 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1236432

Ion Ratio Lower Upper

43 100

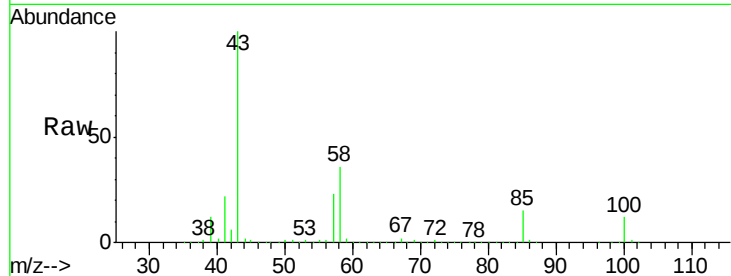
58 36.4 29.8 44.6

Manual Integrations

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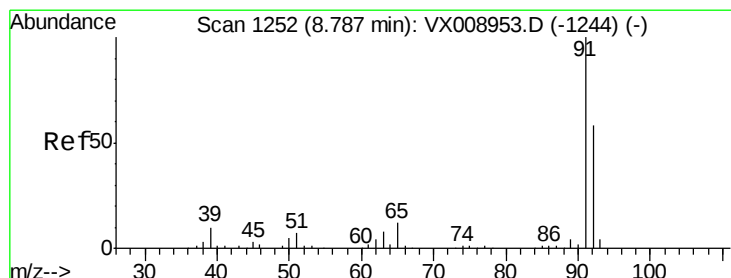
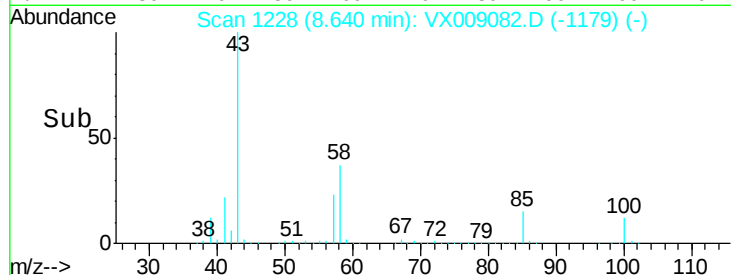
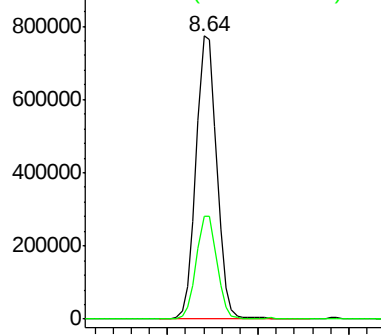
MMDadoda

4/22/2019 10:51:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.559 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009082.D

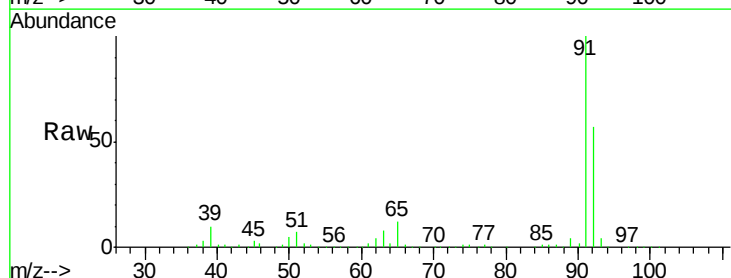
Acq: 19 Apr 2019 19:48

Tgt Ion: 92 Resp: 297279

Ion Ratio Lower Upper

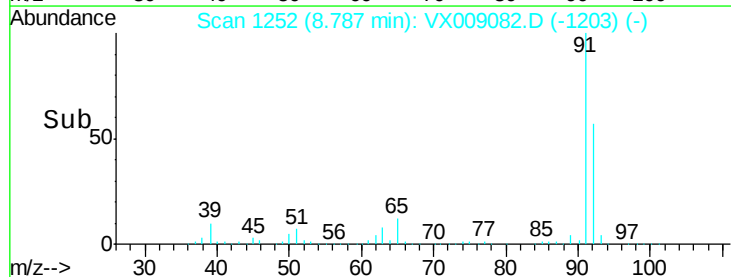
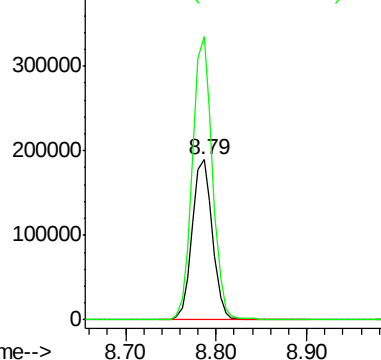
92 100

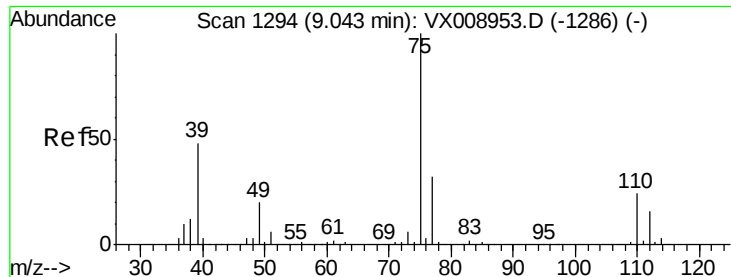
91 173.3 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





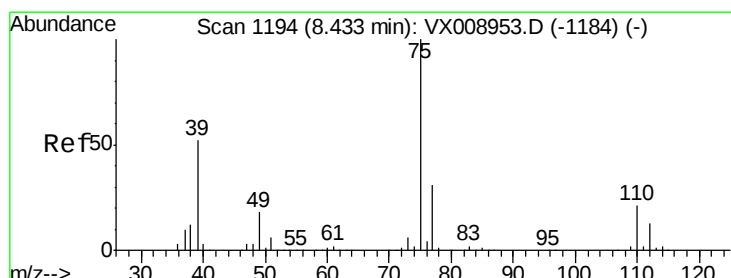
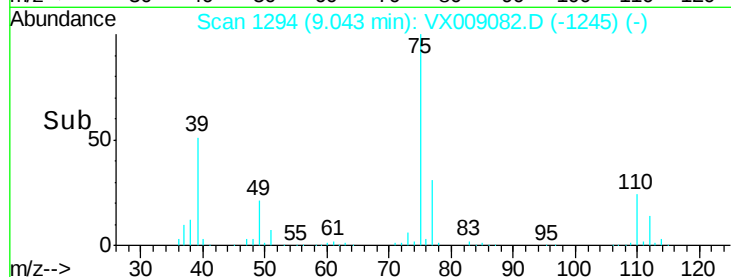
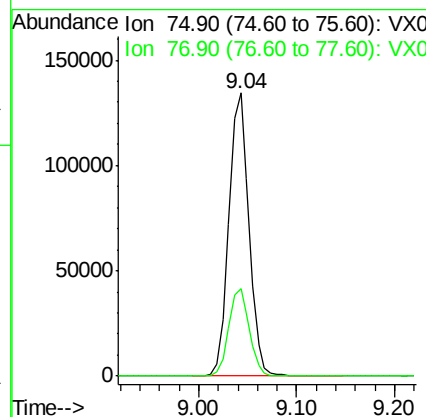
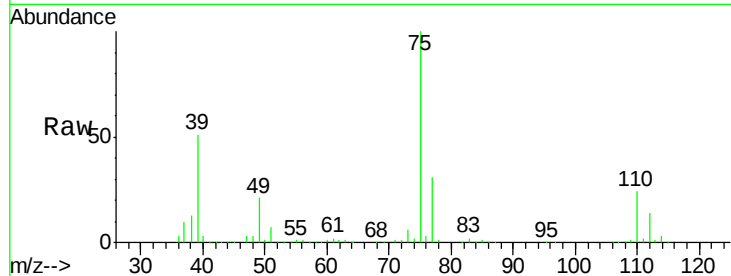
#53
t-1,3-Dichloropropene
Concen: 51.432 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 191471
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

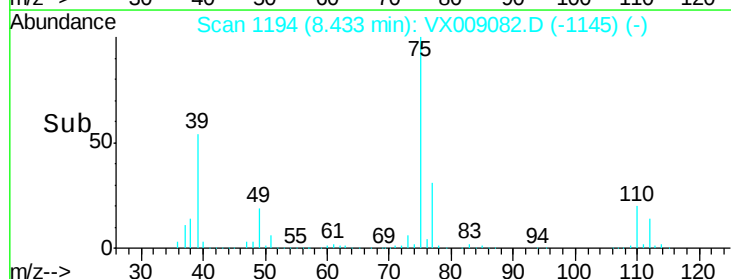
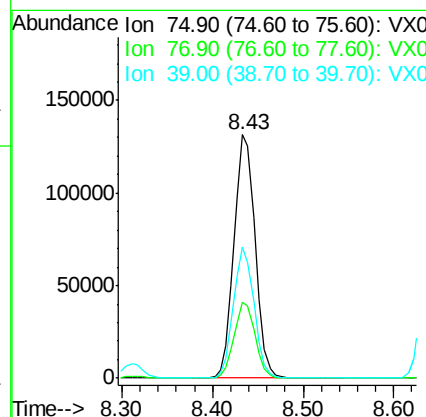
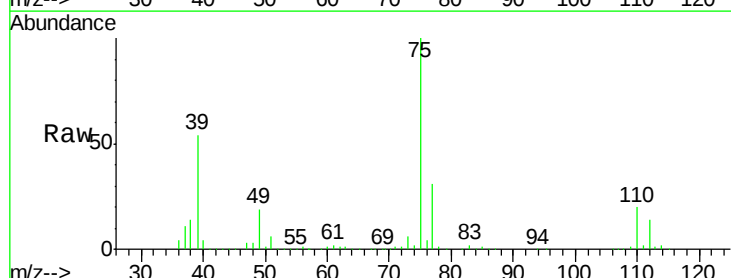
Manual Integrations
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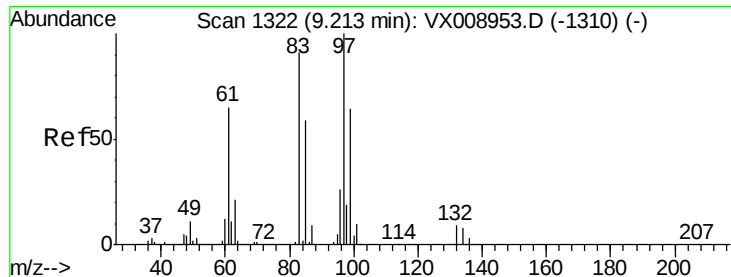
MMDadoda
4/22/2019 10:51:59 AM



#54
cis-1,3-Dichloropropene
Concen: 51.098 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion: 75 Resp: 213004
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 53.9 41.8 62.6





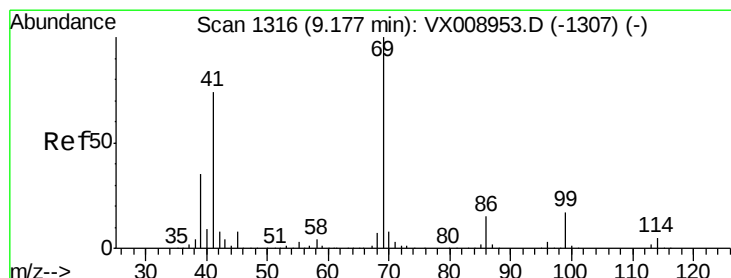
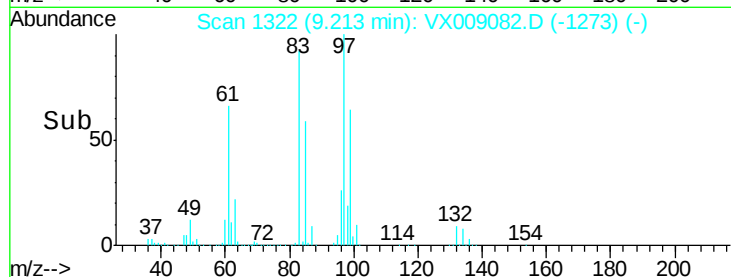
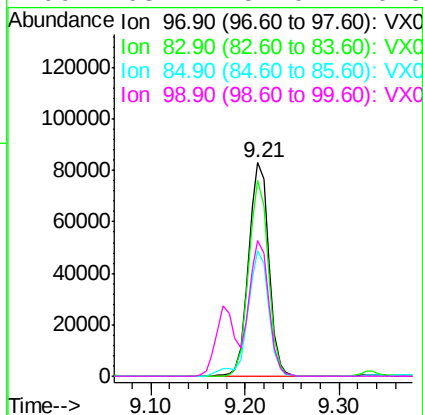
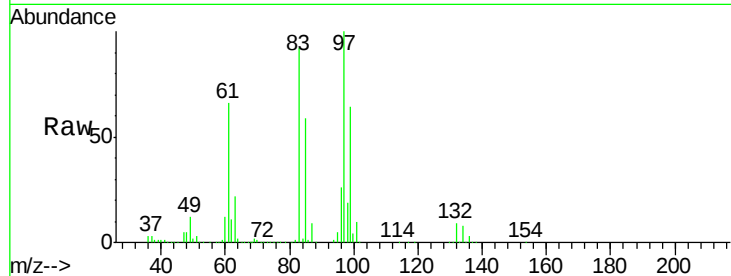
#55
 1,1,2-Trichloroethane
 Concen: 51.644 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	125306
Ion	Ratio	Lower	Upper
97	100		
83	91.5	72.6	108.8
85	59.0	46.9	70.3
99	63.7	51.0	76.6

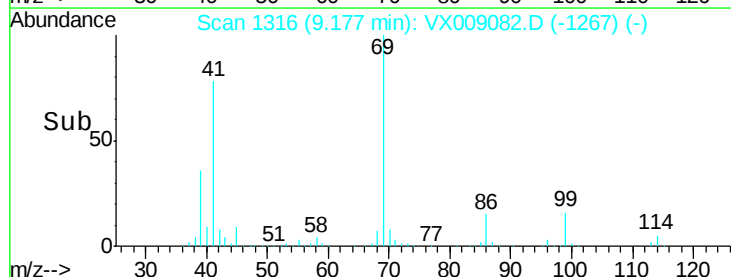
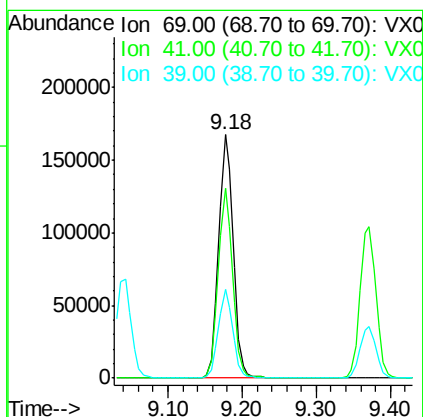
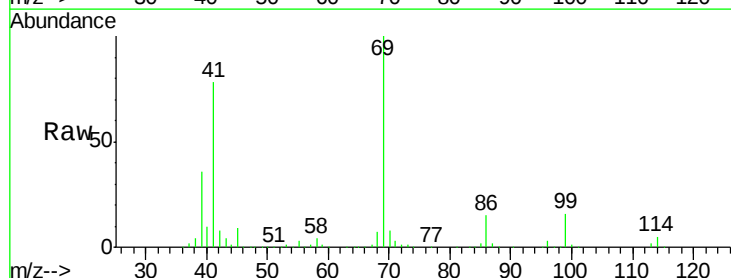
Manual Integrations
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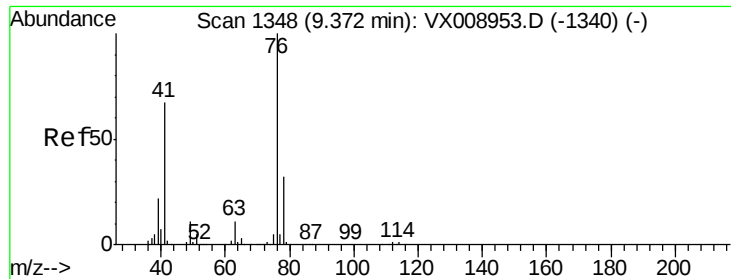
MMDadoda
 4/22/2019 10:51:59 AM



#56
 Ethyl methacrylate
 Concen: 52.056 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion:	69	Resp:	226476
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	35.6	27.9	41.9





#57

1,3-Dichloropropane

Concen: 51.681 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 223267

Ion Ratio Lower Upper

76 100

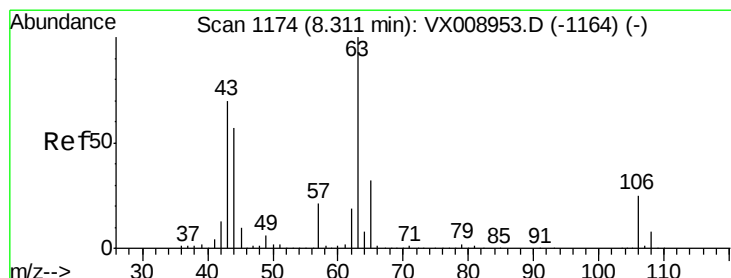
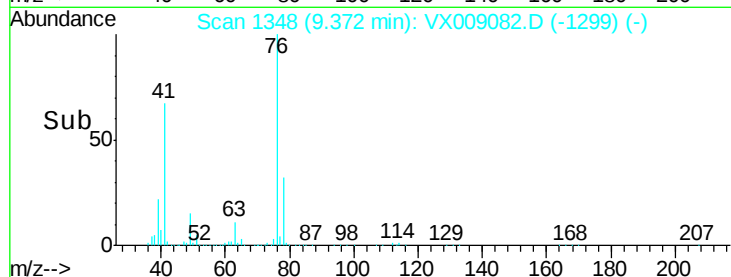
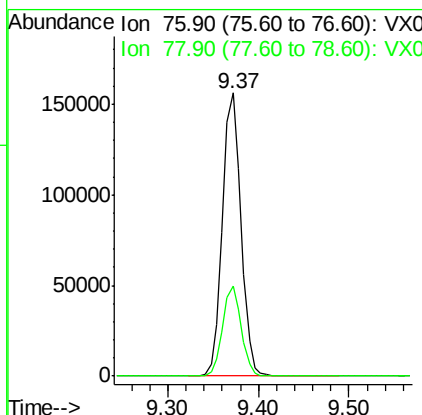
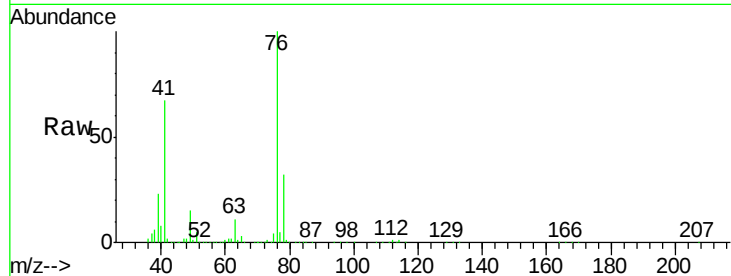
78 32.0 25.7 38.5

Manual Integrations

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4/22/2019 10:51:59 AM



#58

2-Chloroethyl Vinyl ether

Concen: 258.011 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009082.D

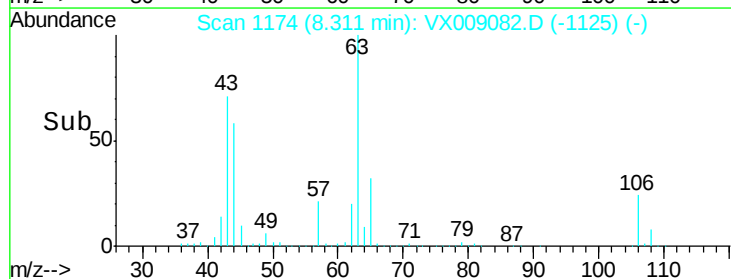
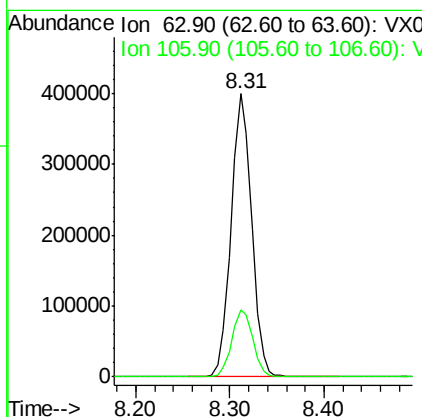
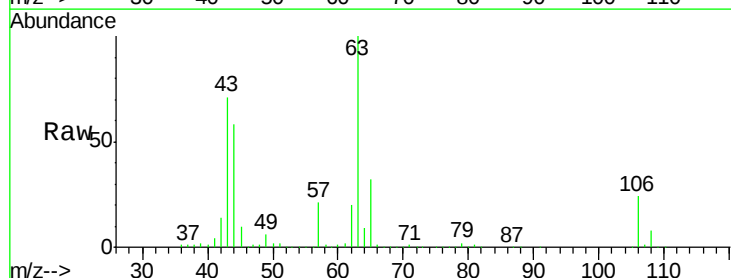
Acq: 19 Apr 2019 19:48

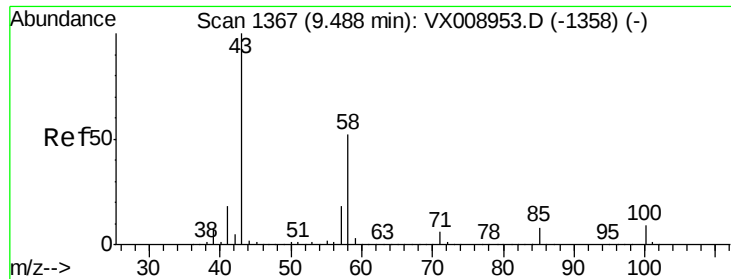
Tgt Ion: 63 Resp: 604477

Ion Ratio Lower Upper

63 100

106 24.2 19.8 29.6





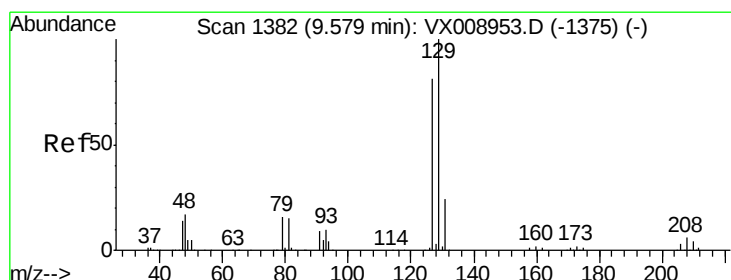
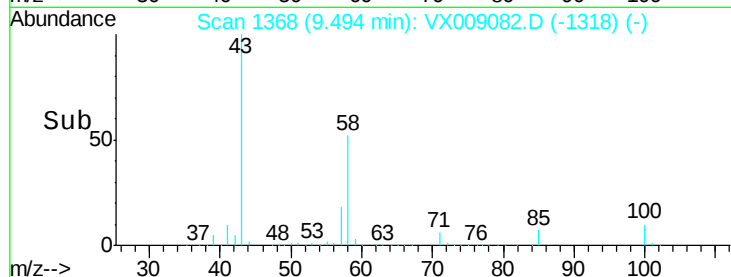
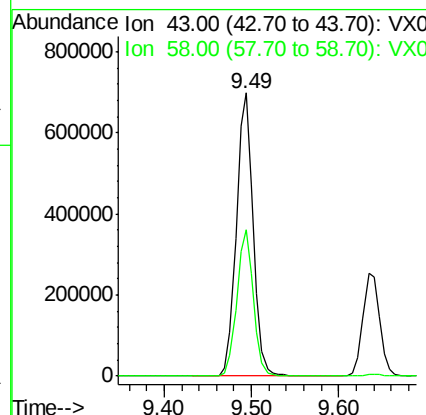
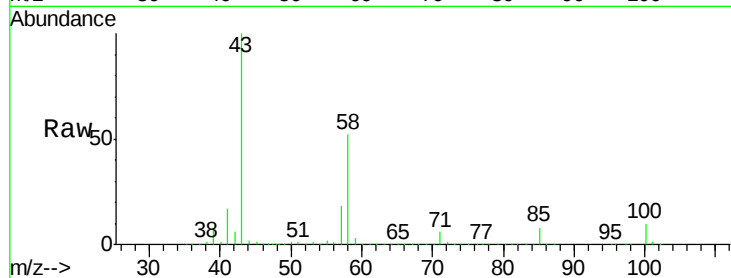
#59
2-Hexanone
Concen: 265.540 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 936490
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8

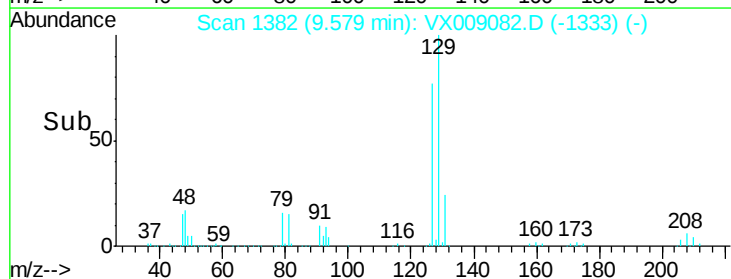
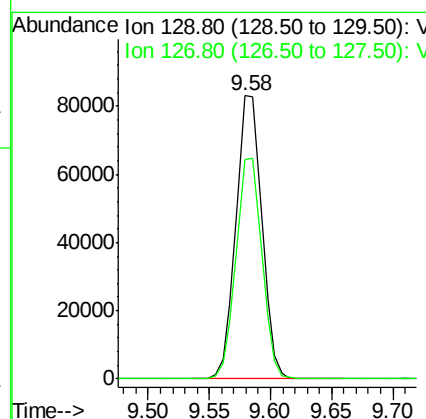
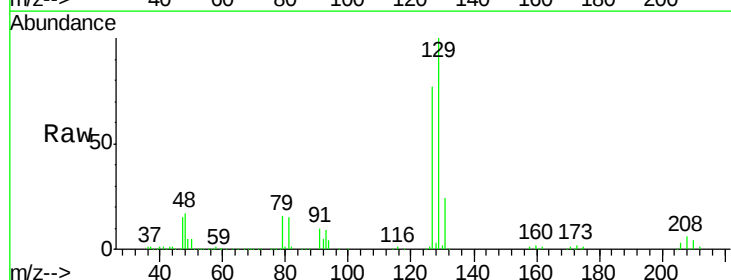
Manual Integrations
APPROVED

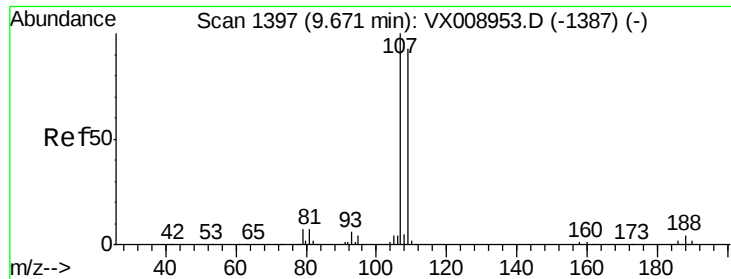
MMDadoda
4/22/2019 10:51:59 AM



#60
Dibromochloromethane
Concen: 52.354 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion:129 Resp: 121745
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





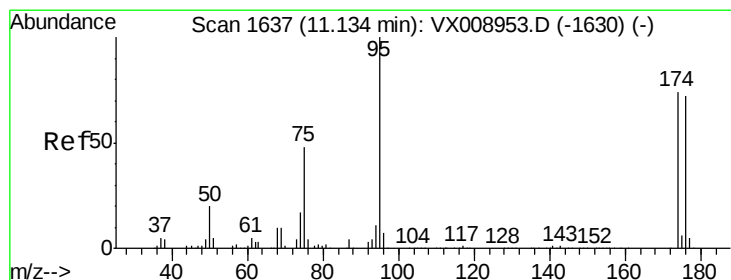
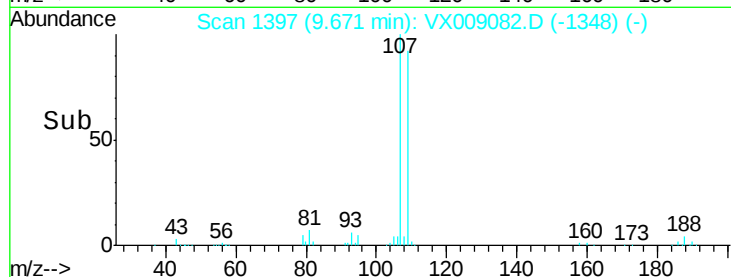
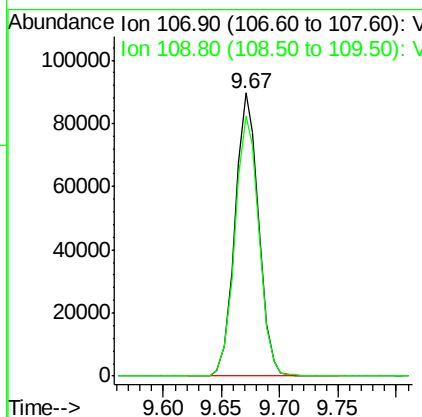
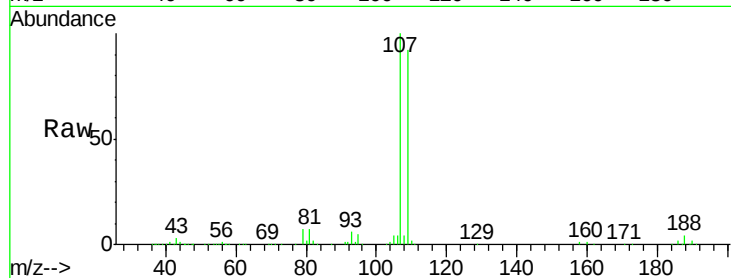
#61
 1,2-Dibromoethane
 Concen: 50.462 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	74.4	111.6

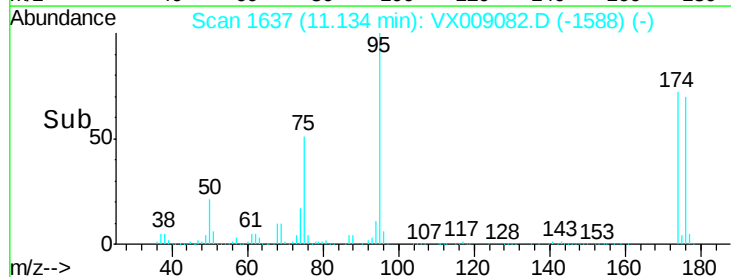
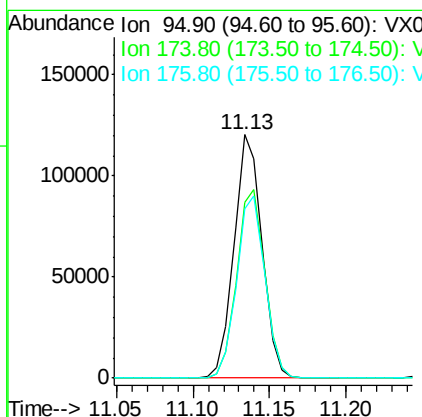
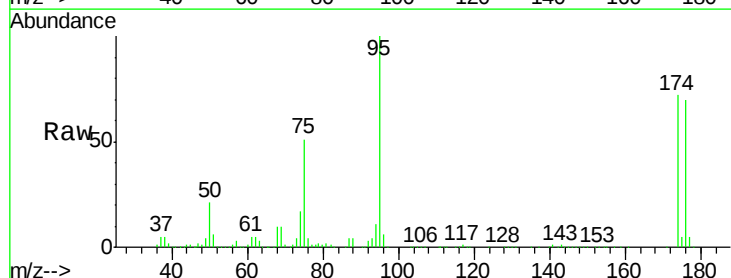
Manual Integrations
 APPROVED

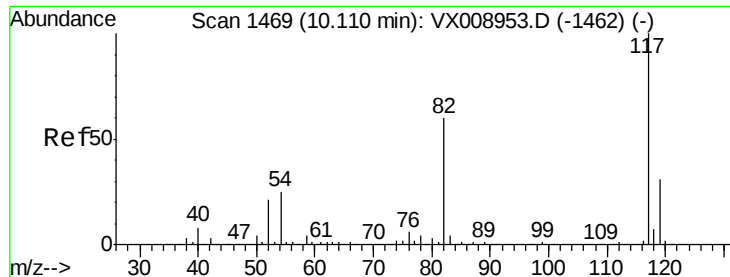
MMDadoda
 4/22/2019 10:51:59 AM



#62
 4-Bromofluorobenzene
 Concen: 50.123 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	159.6
176	76.0	0.0	154.8





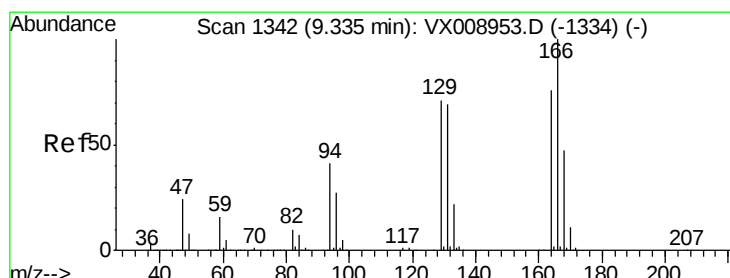
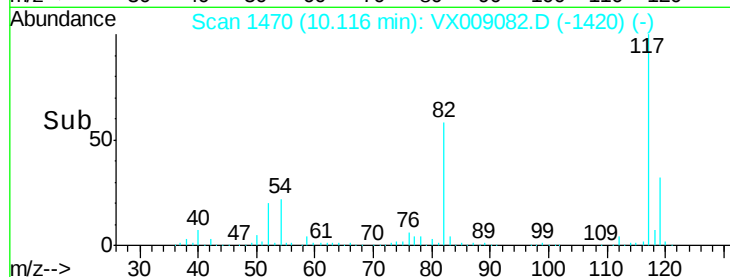
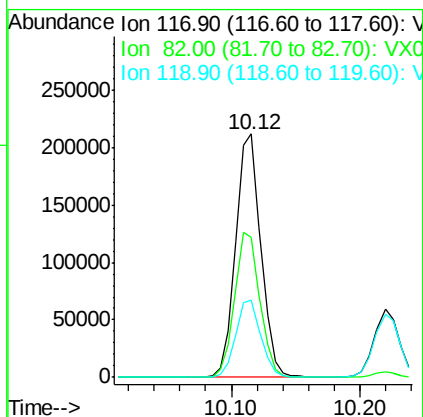
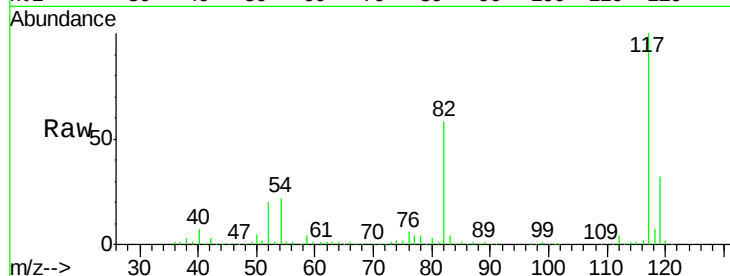
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288942		
82	57.7	48.2	72.4	
119	31.8	25.0	37.6	

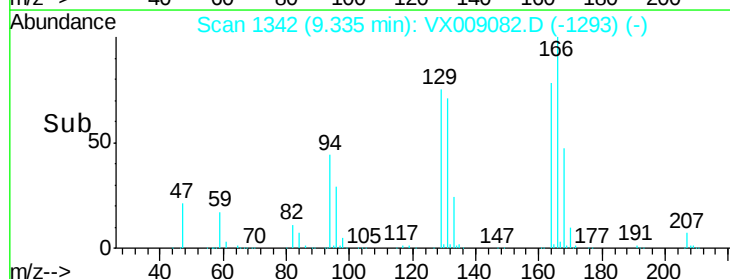
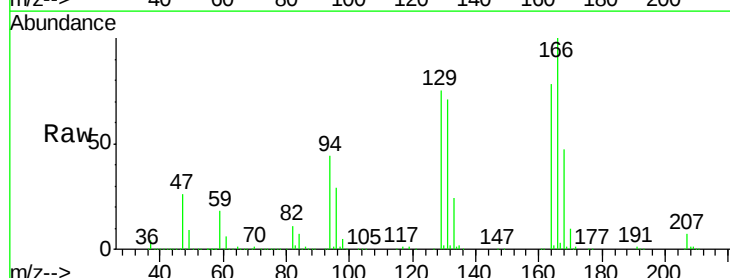
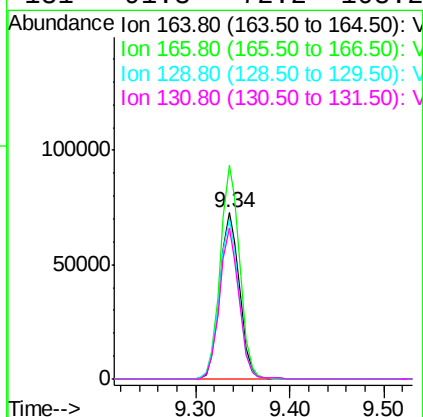
Manual Integrations
APPROVED

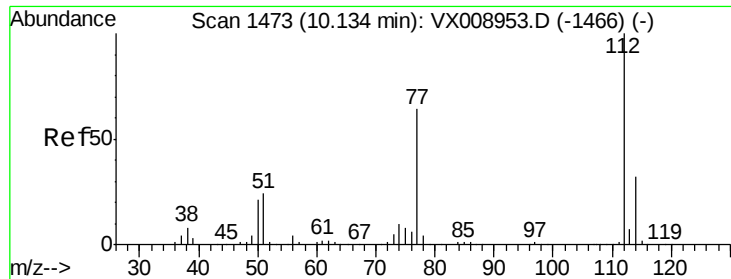
MMDadoda
4/22/2019 10:51:59 AM



#64
Tetrachloroethene
Concen: 47.597 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104477		
166	128.8	105.0	157.4	
129	96.5	74.2	111.4	
131	91.3	72.2	108.2	





#65

Chlorobenzene

Concen: 49.739 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 303347

Ion Ratio Lower Upper

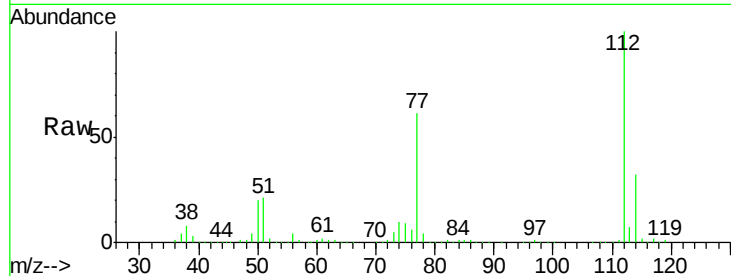
112 100

114 31.8 25.4 38.0

Manual Integrations
APPROVED

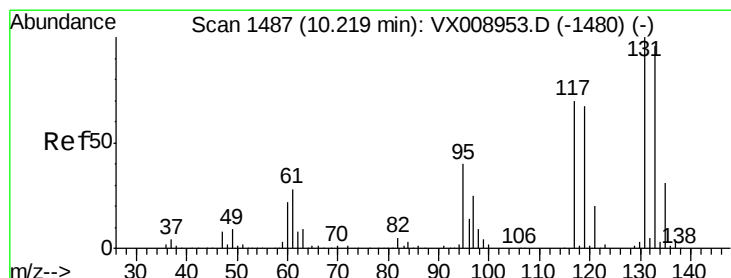
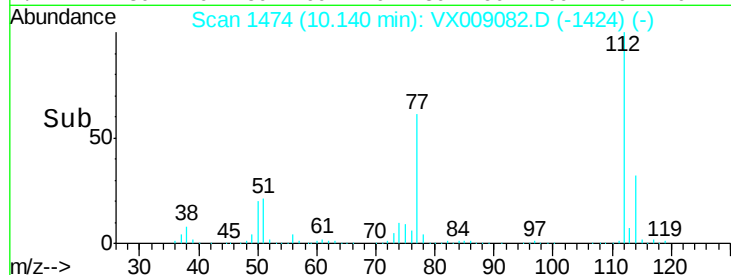
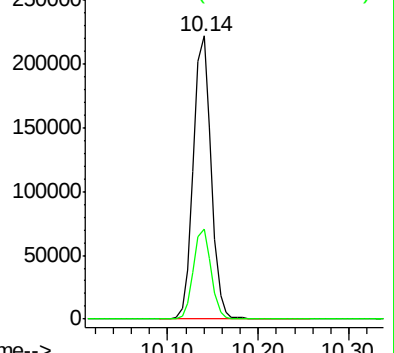
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.847 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

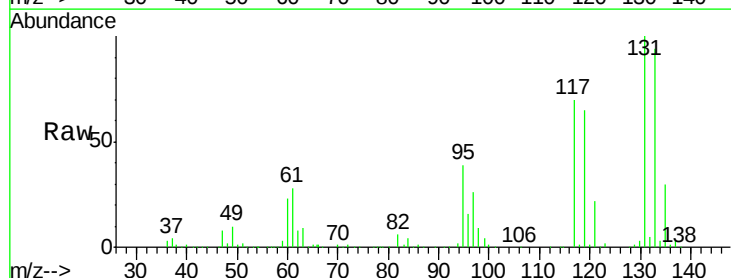
Tgt Ion:131 Resp: 113542

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

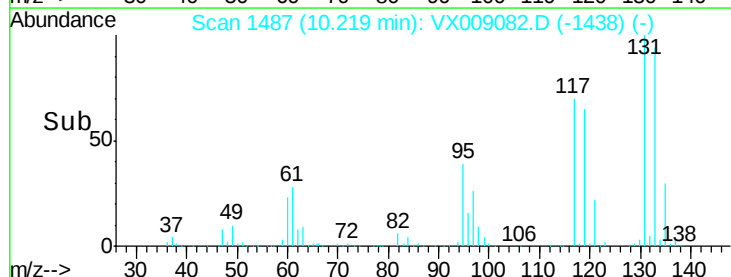
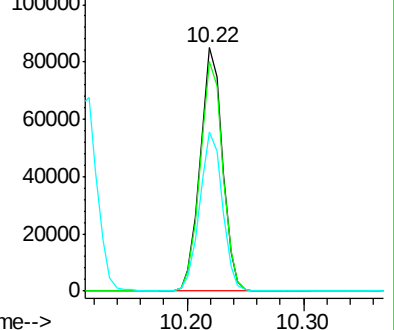
119 66.4 33.7 101.1

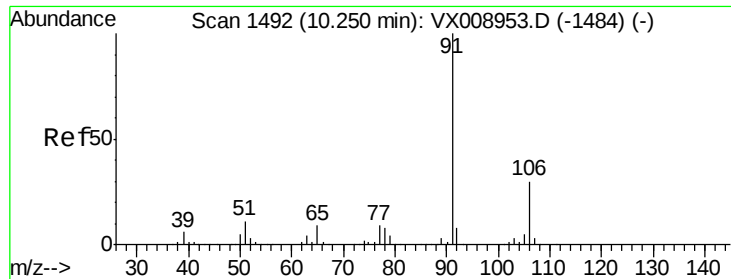


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.227 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 559970

Ion Ratio Lower Upper

91 100

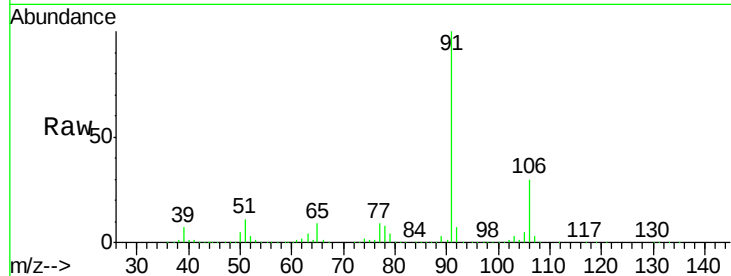
106 30.1 24.3 36.5

Manual Integrations

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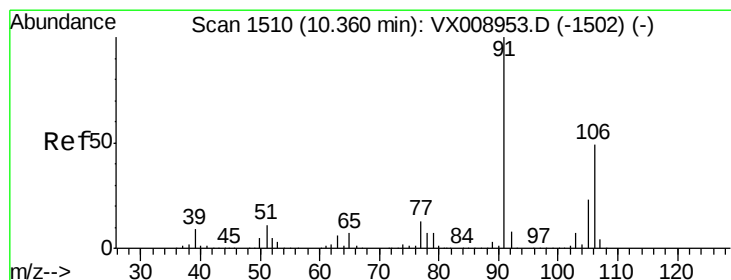
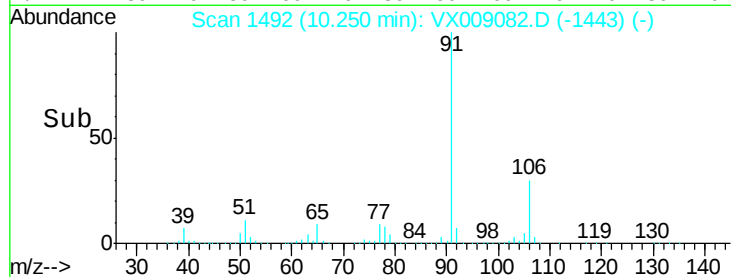
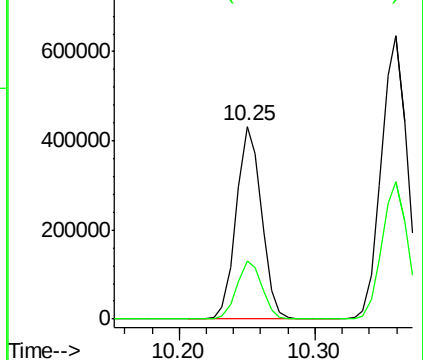
MMDadoda

4/22/2019 10:51:59 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.390 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009082.D

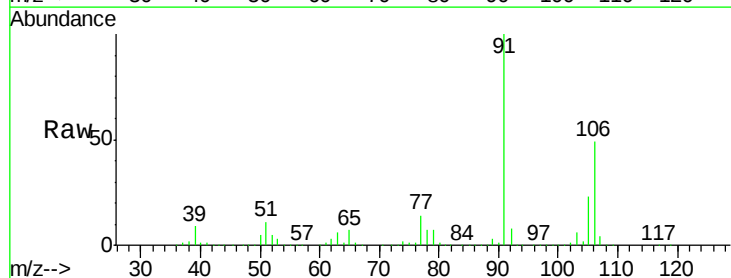
Acq: 19 Apr 2019 19:48

Tgt Ion: 106 Resp: 406756

Ion Ratio Lower Upper

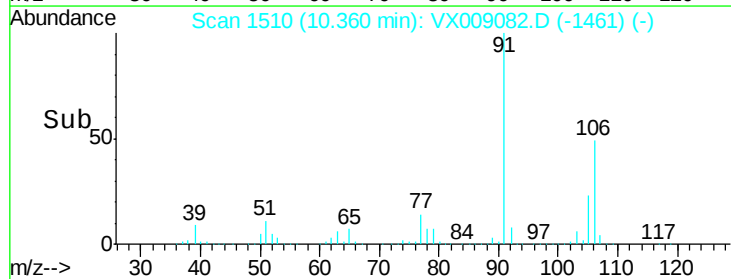
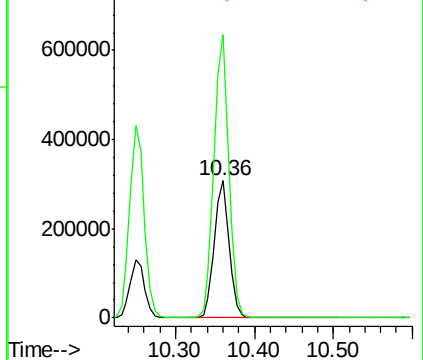
106 100

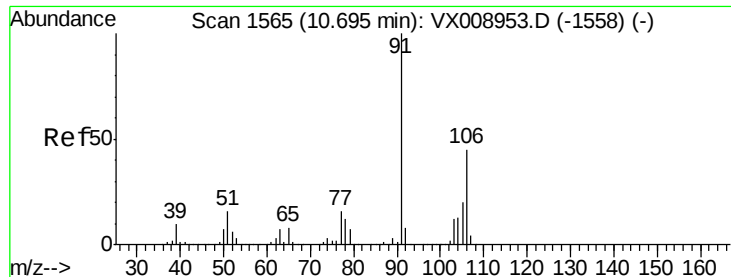
91 207.6 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





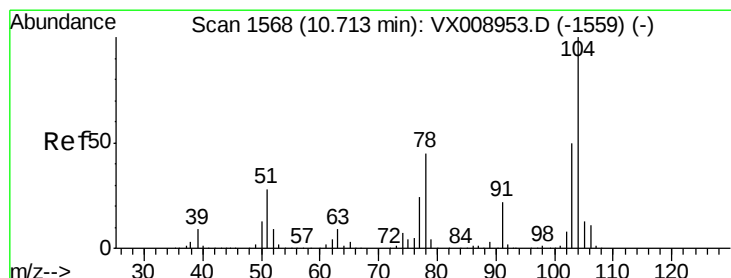
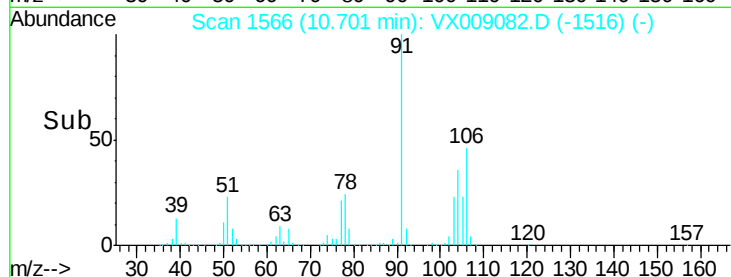
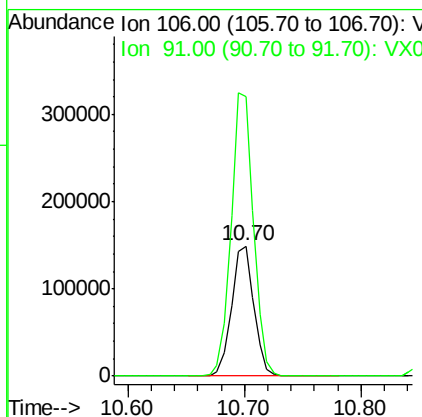
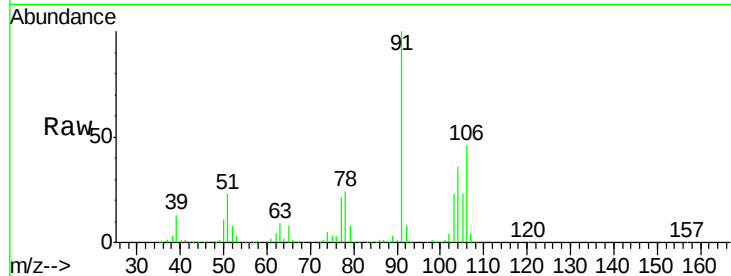
#69
o-Xylene
Concen: 50.366 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 198564
Ion Ratio Lower Upper
106 100
91 218.4 108.9 326.7

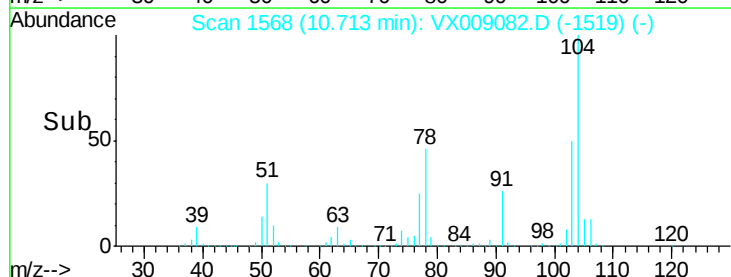
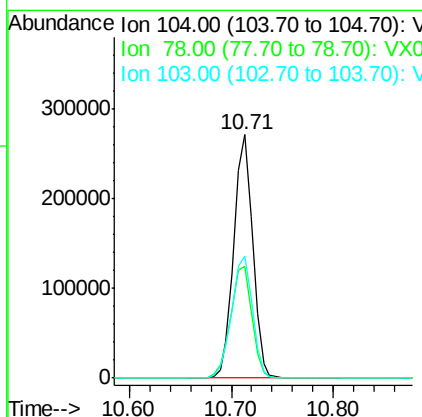
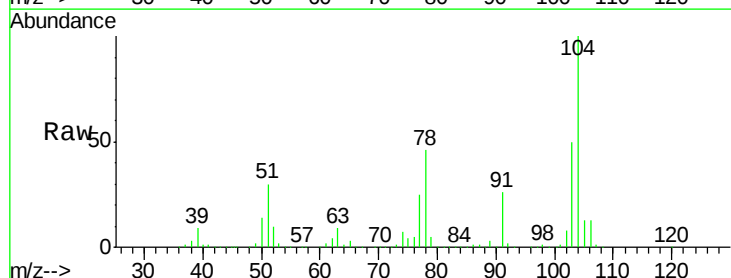
Manual Integrations
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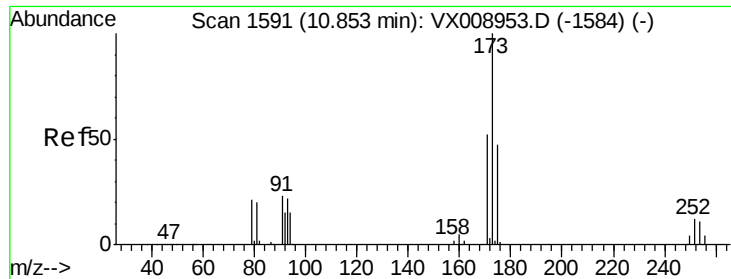
MMDadoda
4/22/2019 10:51:59 AM



#70
Styrene
Concen: 50.632 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion:104 Resp: 345915
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.2 43.9 65.9





#71

Bromoform

Concen: 52.141 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89250

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

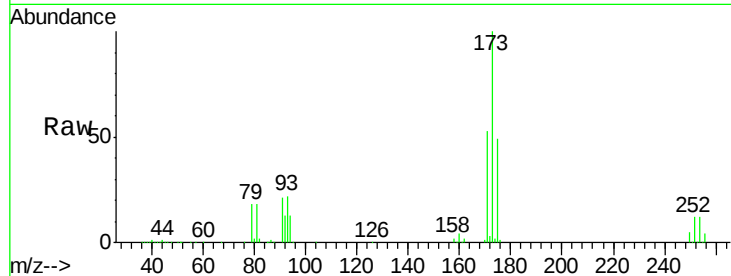
254 0.2 0.2 0.4#

Manual Integrations

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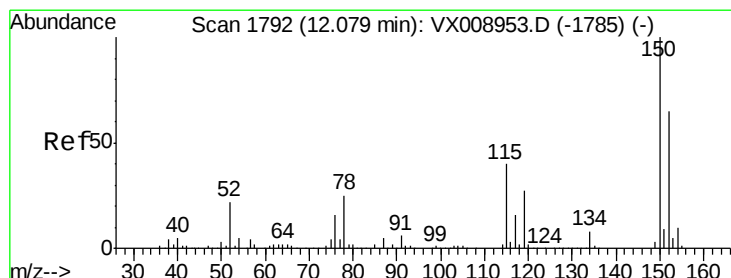
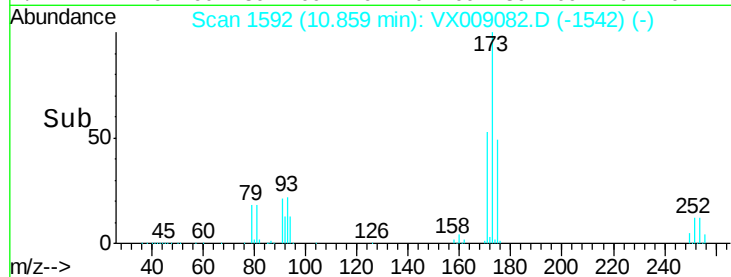
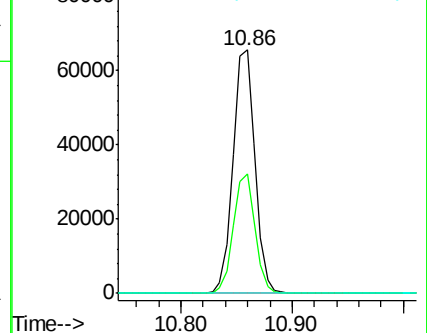
4/22/2019 10:51:59 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

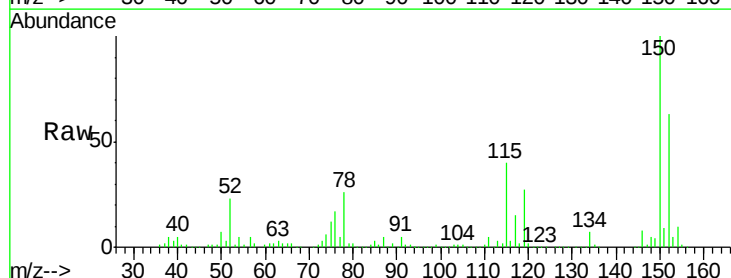
Tgt Ion:152 Resp: 135310

Ion Ratio Lower Upper

152 100

115 84.9 41.4 124.2

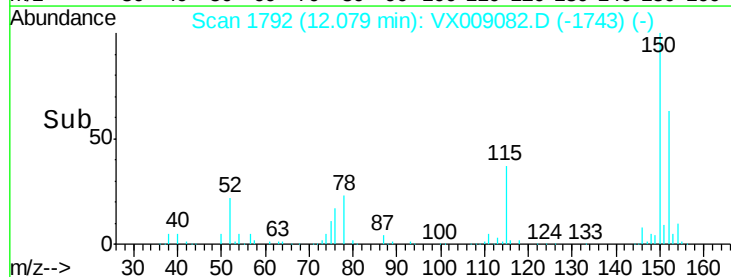
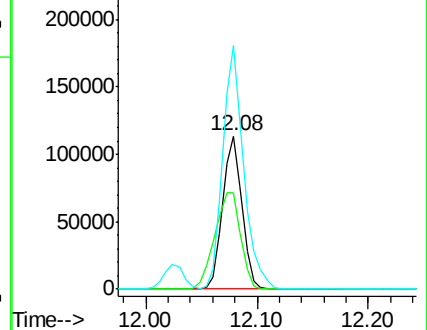
150 173.5 0.0 349.8

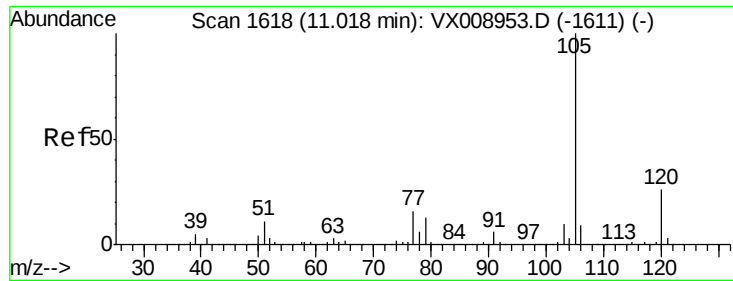


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.023 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 533564

Ion Ratio Lower Upper

105 100

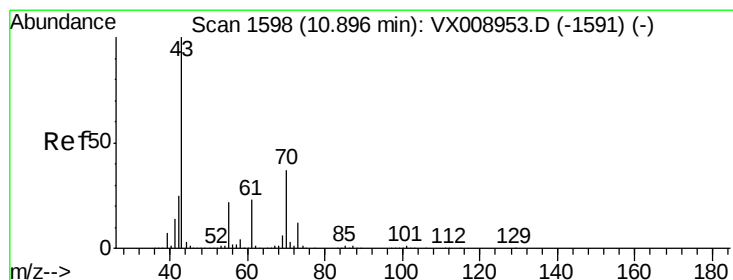
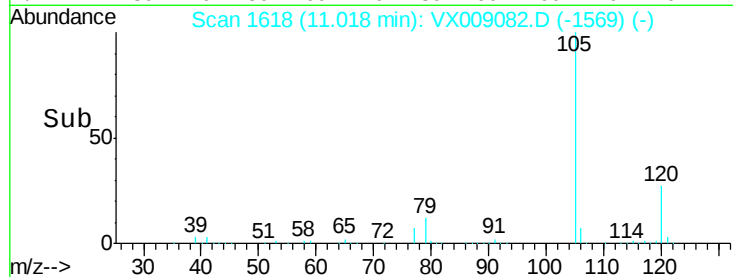
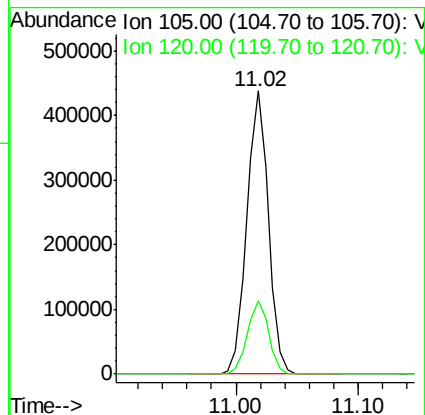
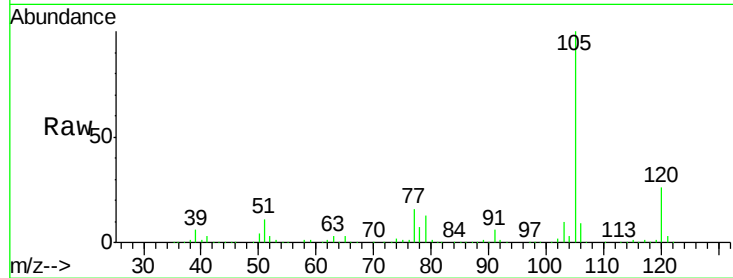
120 25.7 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.439 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion: 43 Resp: 320588

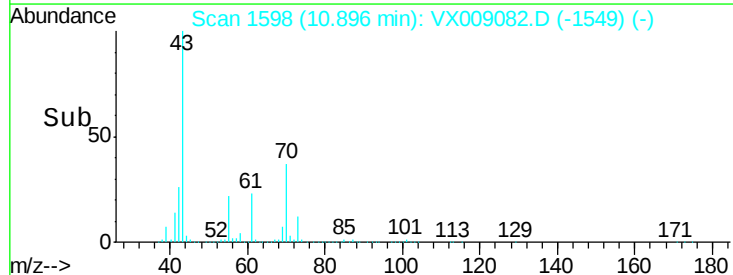
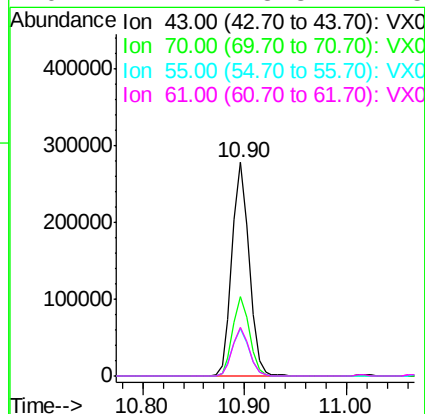
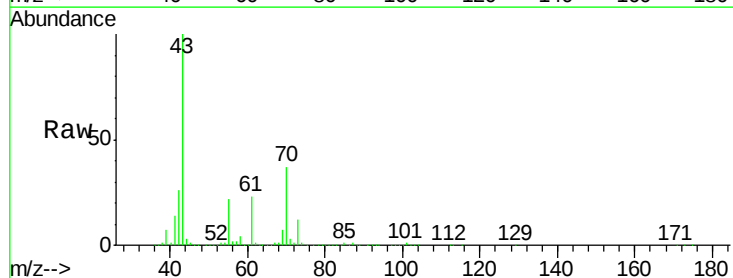
Ion Ratio Lower Upper

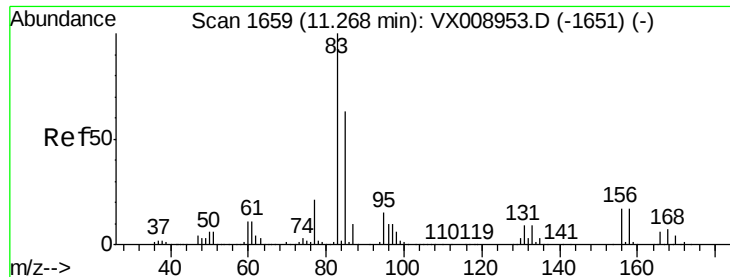
43 100

70 37.0 29.9 44.9

55 22.3 17.8 26.8

61 22.4 18.3 27.5





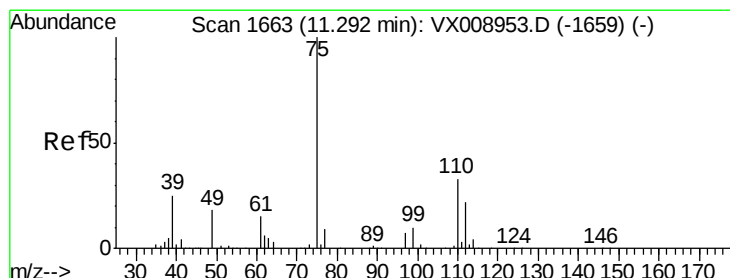
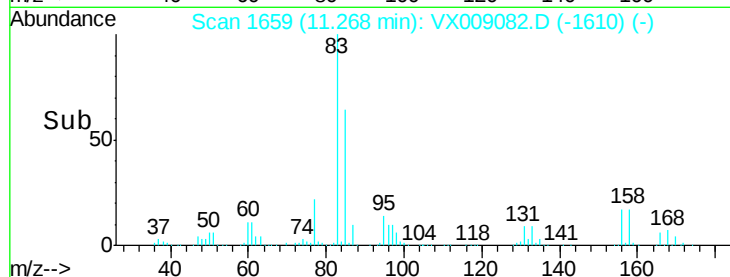
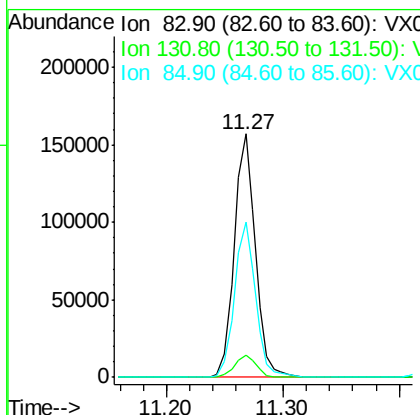
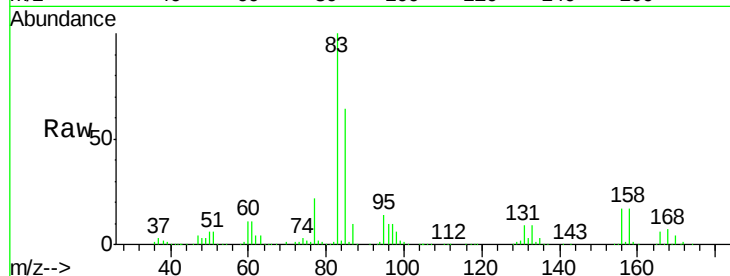
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.123 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	199078
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.7	14.0
85	63.8	31.9	95.9

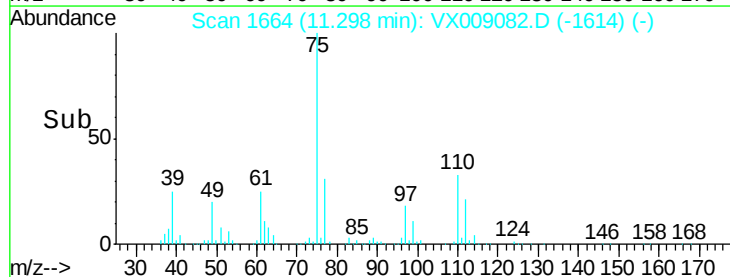
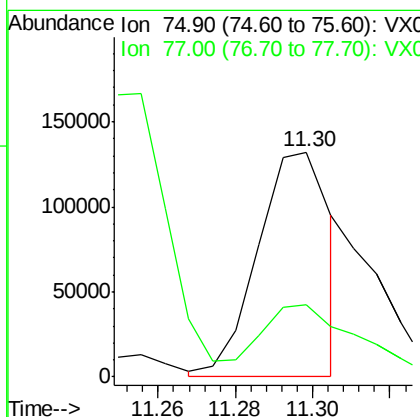
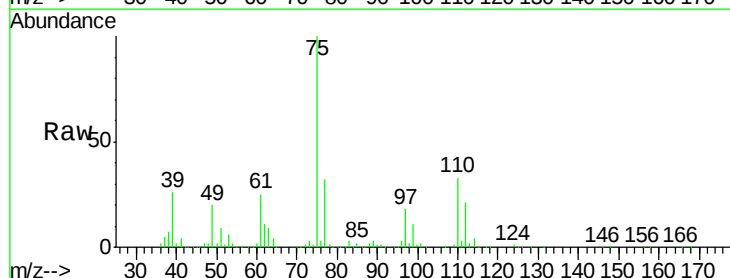
Manual Integrations
 APPROVED

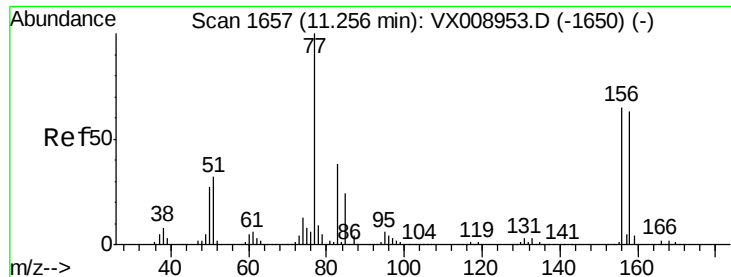
MMDadoda
 4/22/2019 10:51:59 AM



#76
 1,2,3-Trichloropropane
 Concen: 51.804 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.01 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion	75	Resp	171161
Ion Ratio	Lower	Upper	
75	100		
77	44.2	22.7	68.0





#77

Bromobenzene

Concen: 48.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

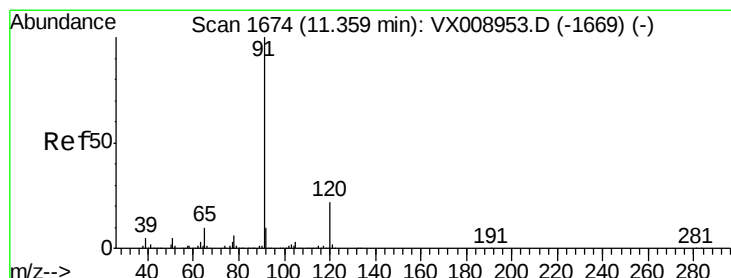
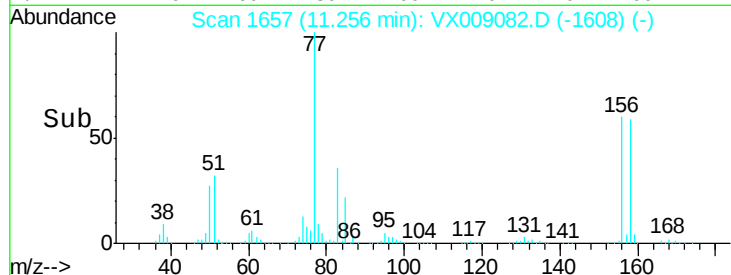
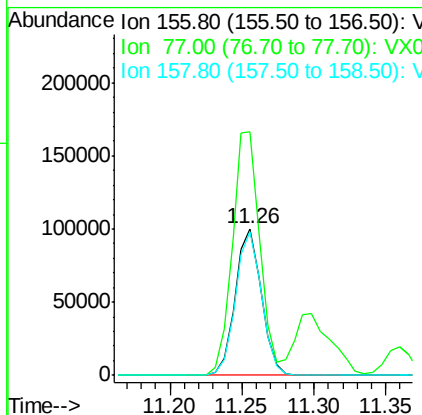
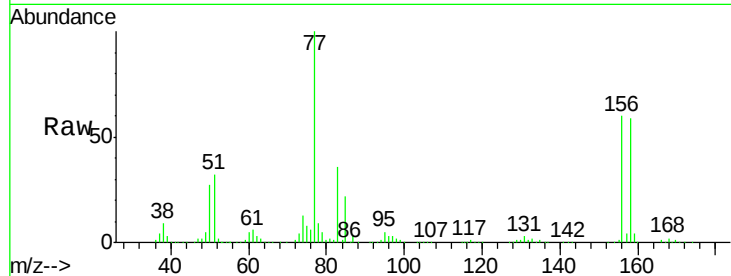
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	126714
Ion Ratio	Lower	Upper	
156	100		
77	174.9	85.4	256.1
158	97.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 51.770 ug/l

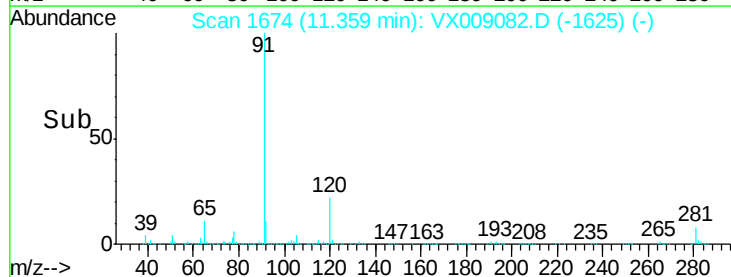
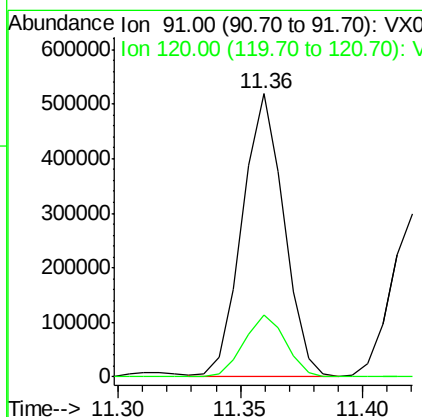
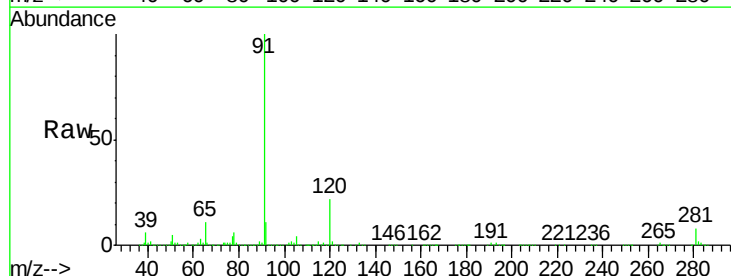
RT: 11.36 min Scan# 1674

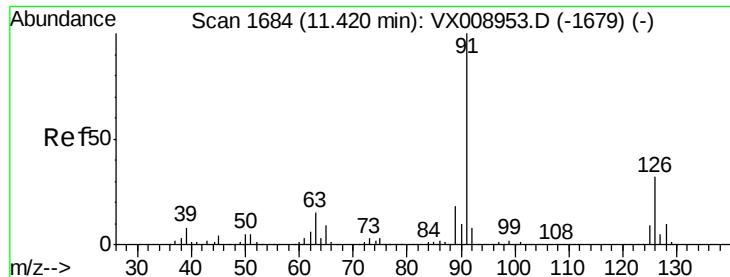
Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	91	Resp:	609437
Ion Ratio	Lower	Upper	
91	100		
120	22.1	10.9	32.9





#79

2-Chlorotoluene

Concen: 50.698 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 359645

Ion Ratio Lower Upper

91 100

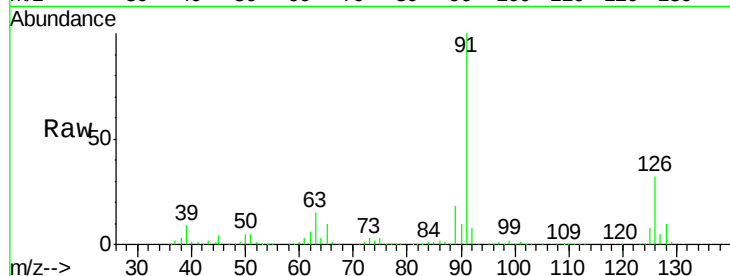
126 32.3 16.3 48.9

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) (-)

600000

500000

400000

300000

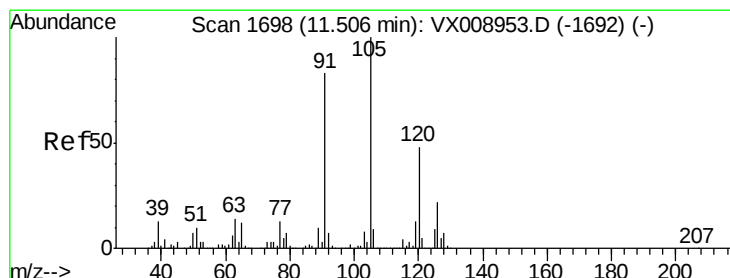
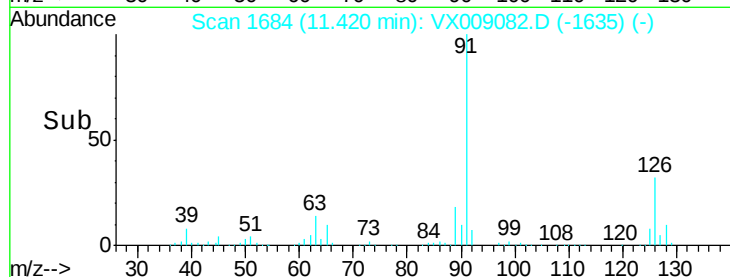
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.263 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009082.D

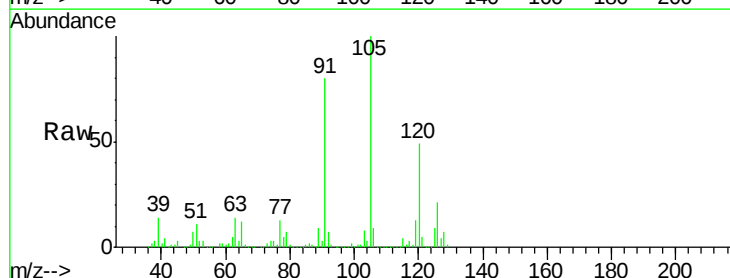
Acq: 19 Apr 2019 19:48

Tgt Ion: 105 Resp: 441208

Ion Ratio Lower Upper

105 100

120 48.6 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) (-)

400000

300000

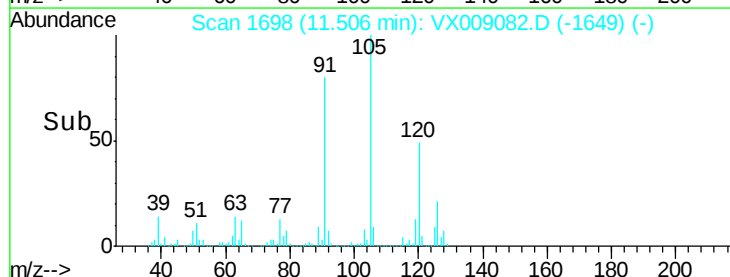
200000

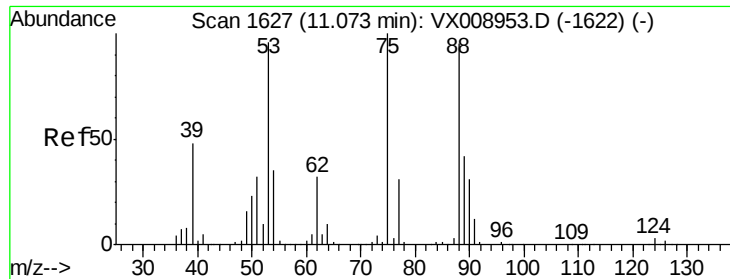
100000

0

11.50 11.60

Time-->





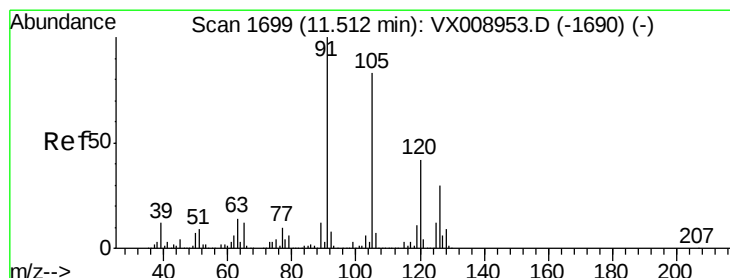
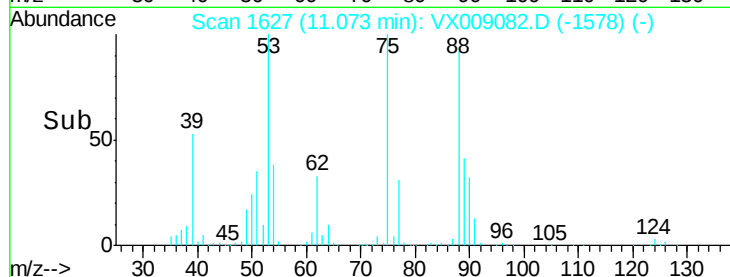
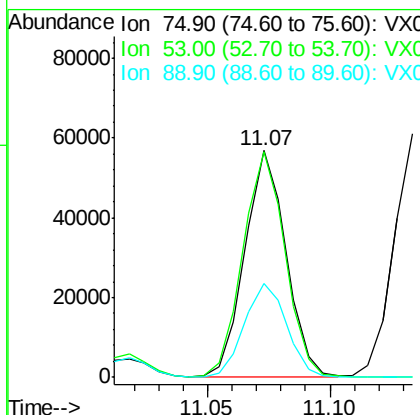
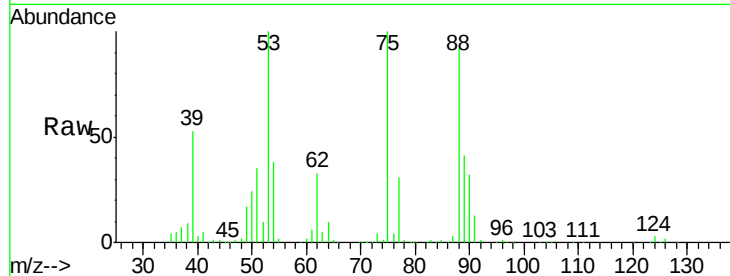
#81
trans-1,4-Dichloro-2-butene
Concen: 51.409 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.2	78.2	117.4
89	43.1	36.0	54.0

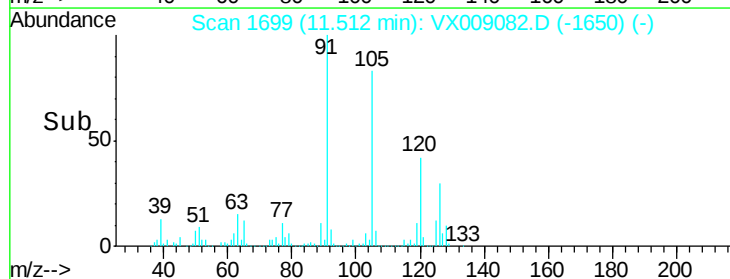
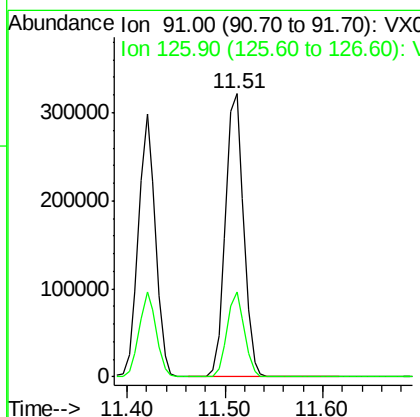
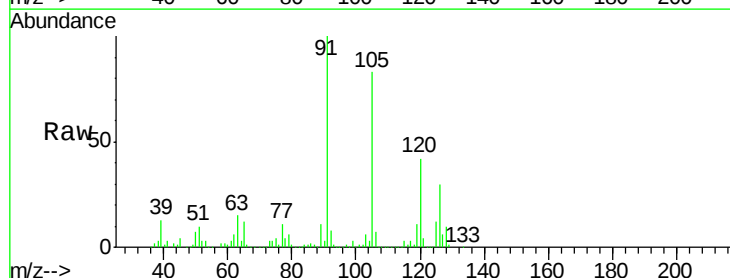
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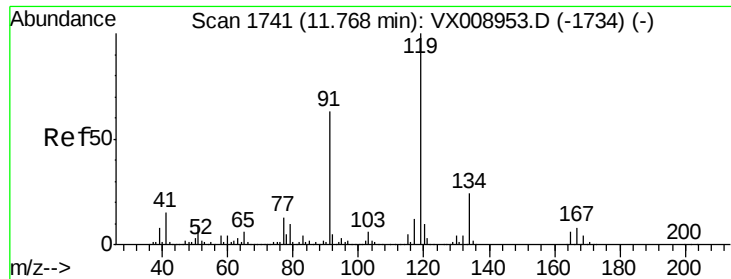
MMDadoda
4/22/2019 10:51:59 AM



#82
4-Chlorotoluene
Concen: 50.537 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.3	42.9





#83

tert-Butylbenzene

Concen: 52.525 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

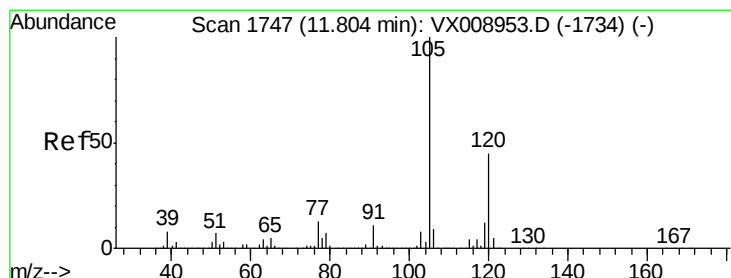
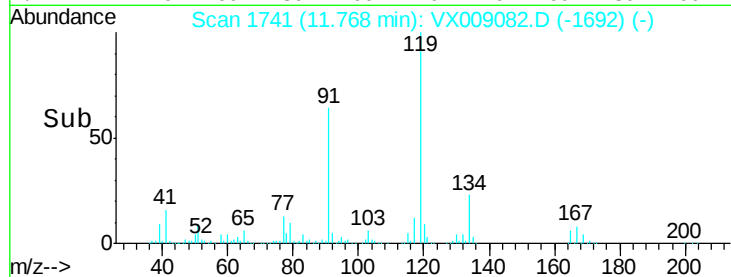
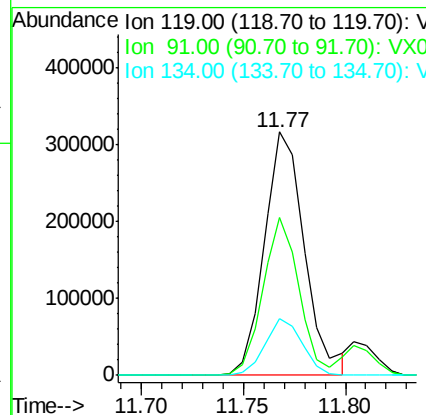
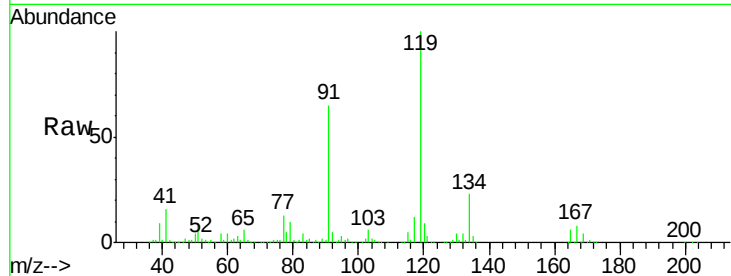
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	434024
Ion Ratio	Lower	Upper	
119	100		
91	58.4	29.7	89.1
134	21.7	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 50.741 ug/l

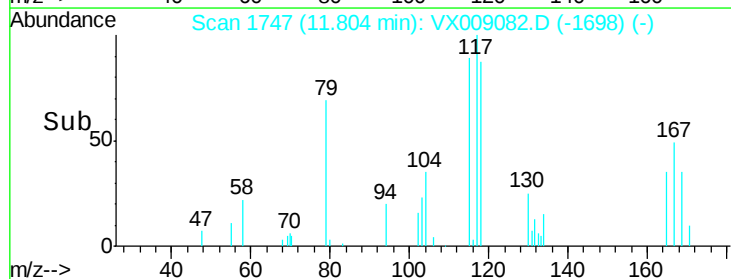
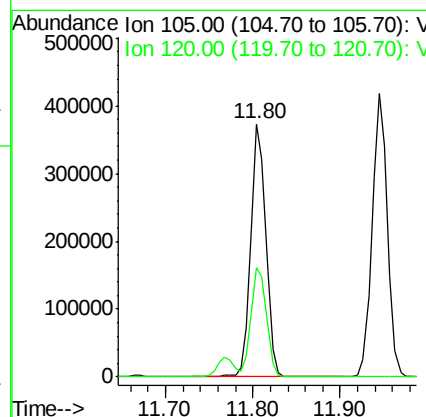
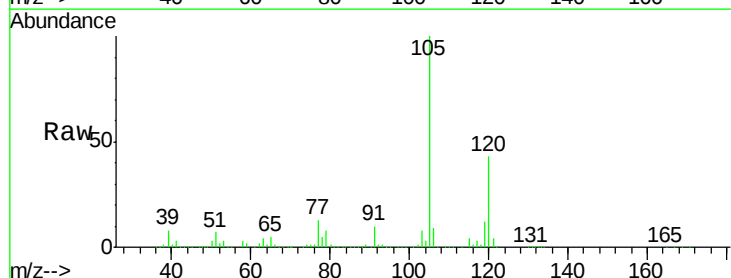
RT: 11.80 min Scan# 1747

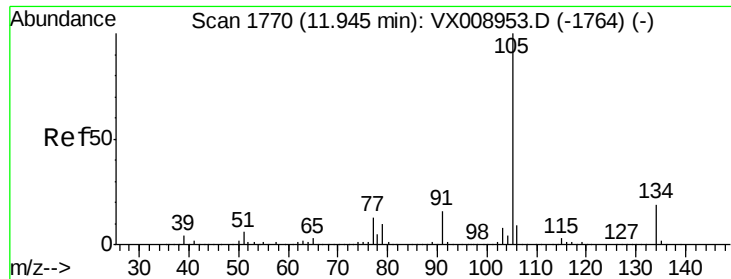
Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	105	Resp:	444541
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.8





#85

sec-Butylbenzene

Concen: 51.895 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 511439

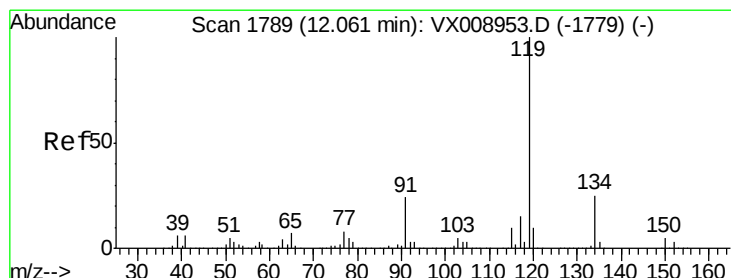
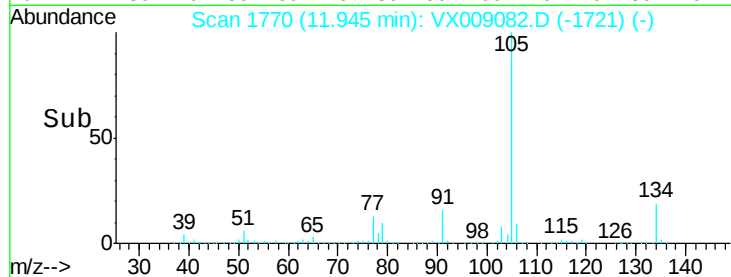
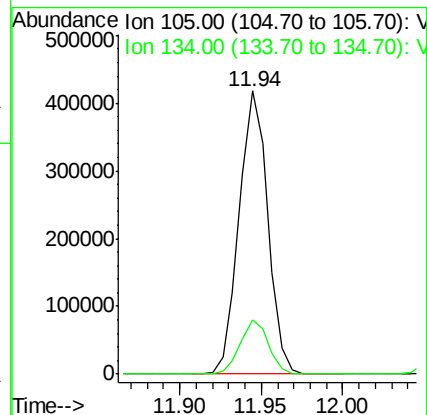
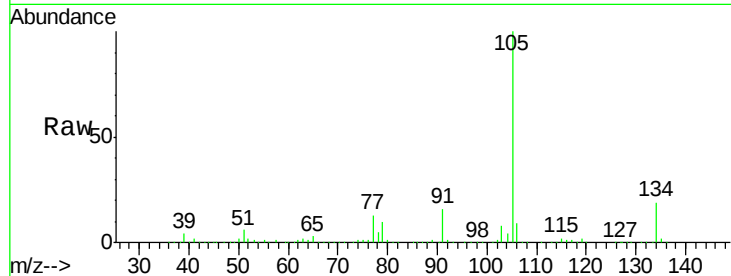
Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 50.676 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

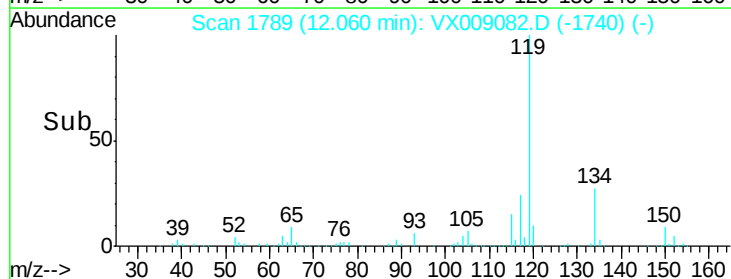
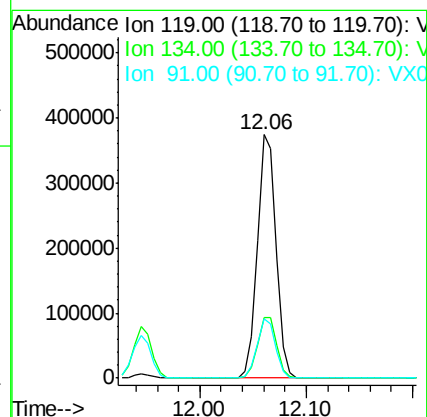
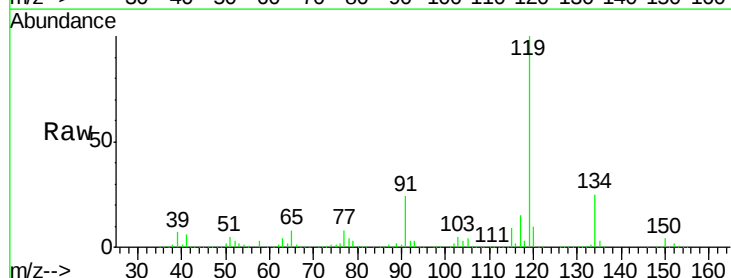
Tgt Ion:119 Resp: 459161

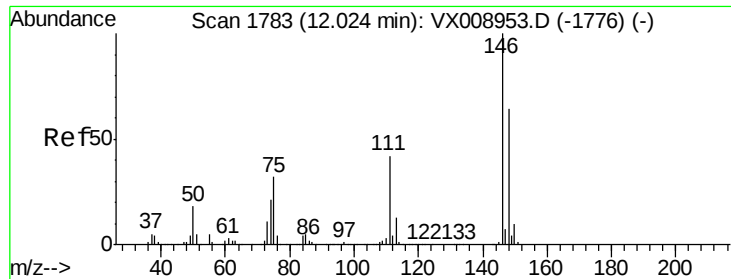
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.1 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.791 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

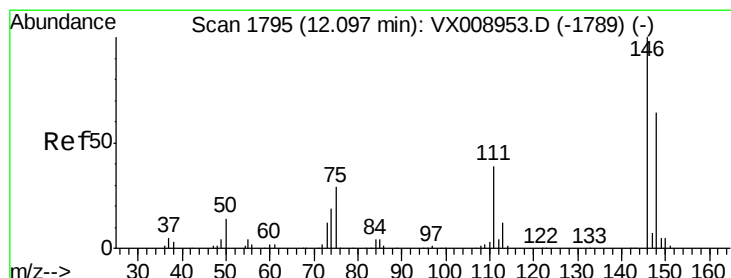
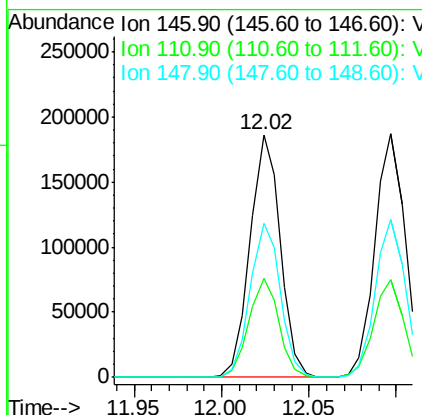
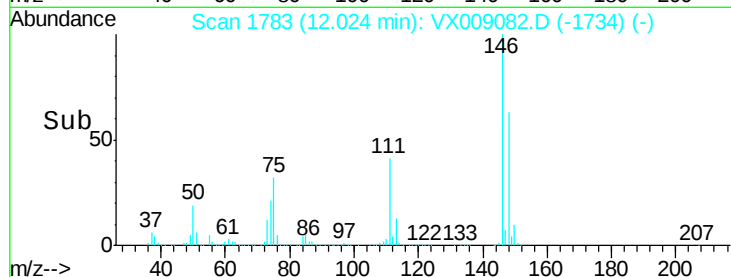
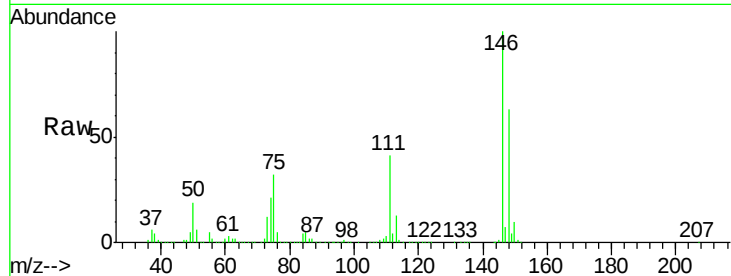
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	225512
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.5	61.6
148	63.7	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 49.016 ug/l

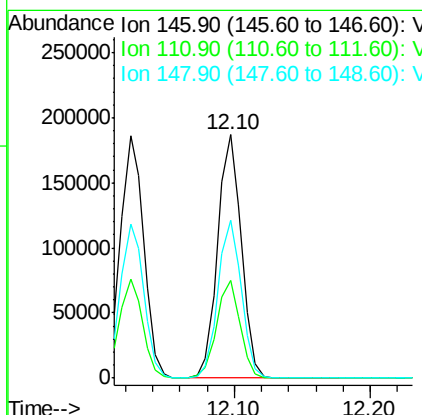
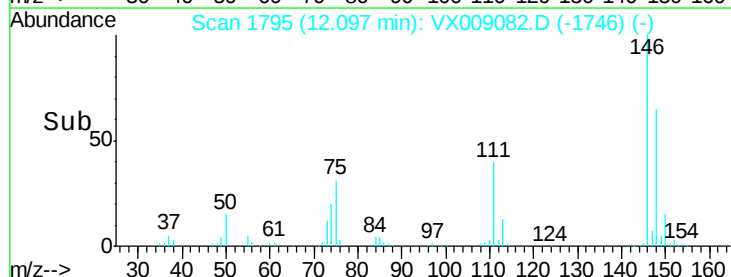
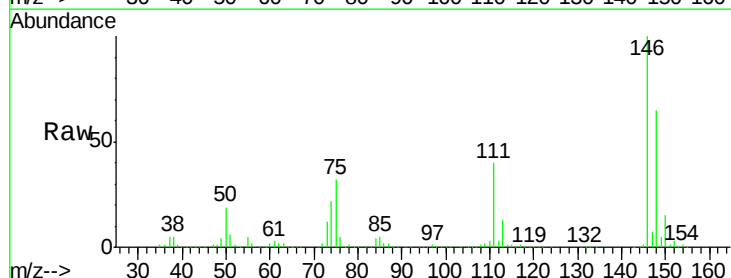
RT: 12.10 min Scan# 1795

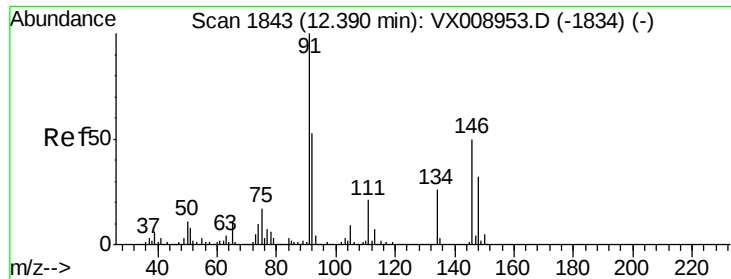
Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	146	Resp:	225046
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	59.9
148	64.5	32.2	96.6





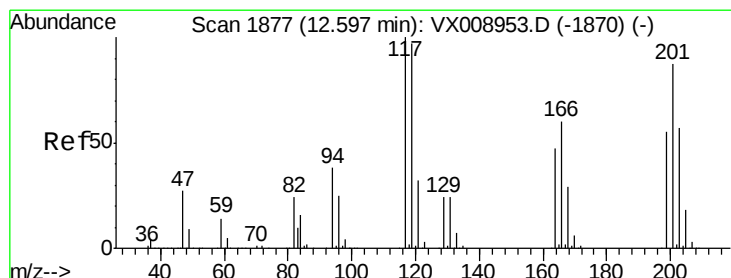
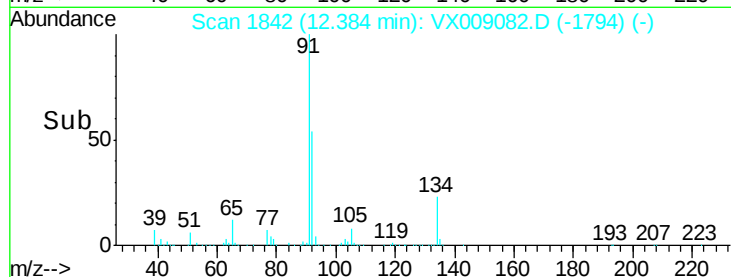
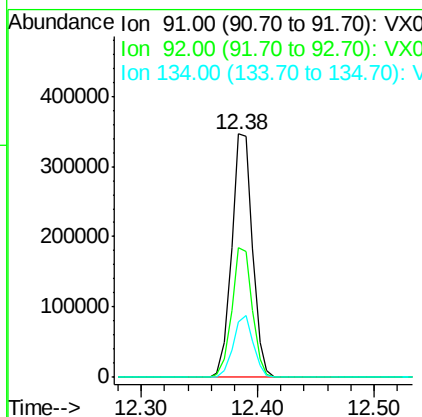
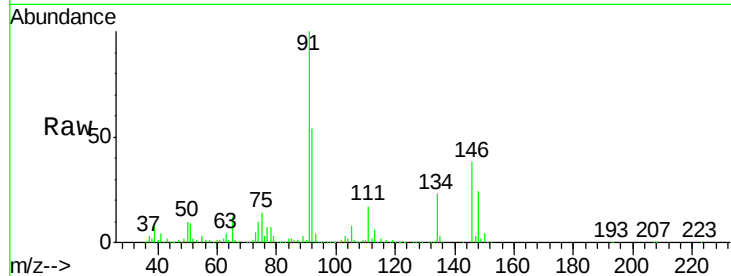
#89
n-Butylbenzene
Concen: 50.915 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.8
134	24.4	12.4	37.2

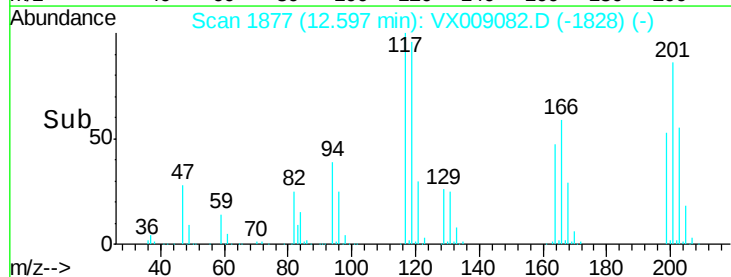
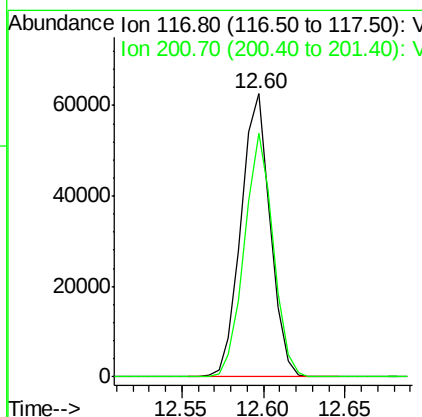
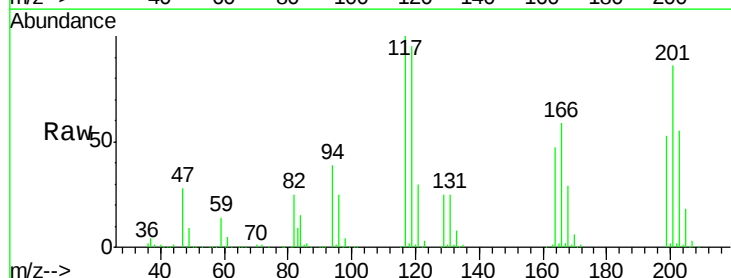
Manual Integrations
APPROVED

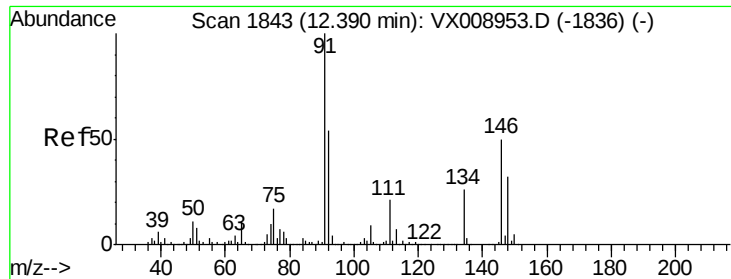
MMDadoda
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#90
Hexachloroethane
Concen: 52.418 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009082.D
Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.0	129.0





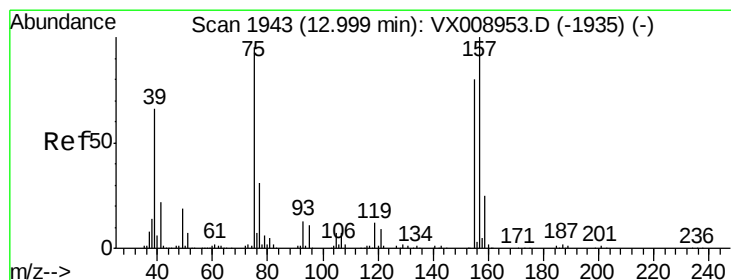
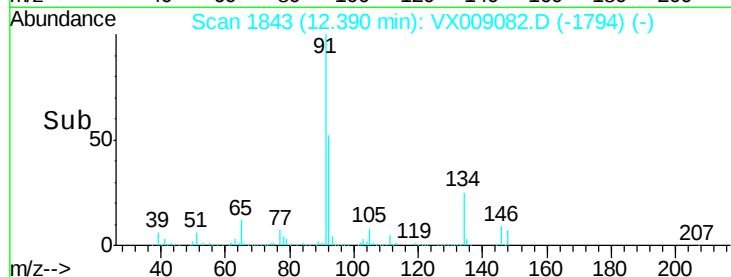
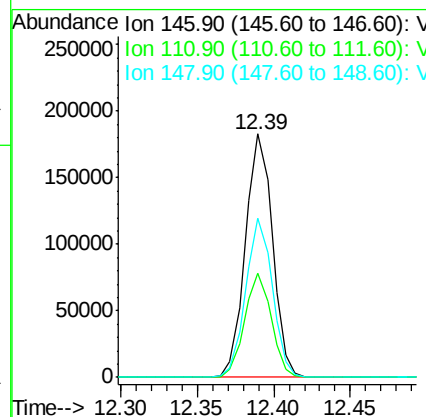
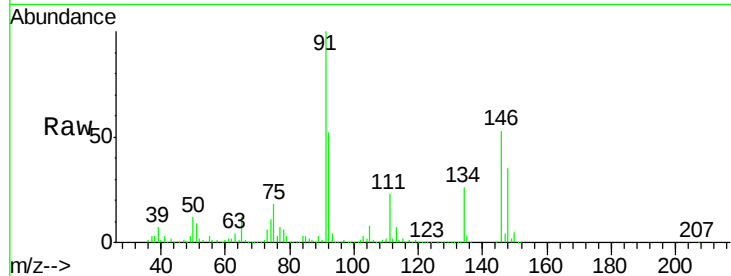
#91
 1,2-Dichlorobenzene
 Concen: 50.351 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	225190		
111	41.8	20.6	61.9	
148	64.3	32.0	96.2	

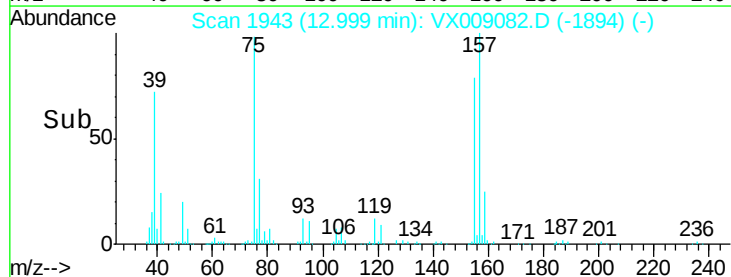
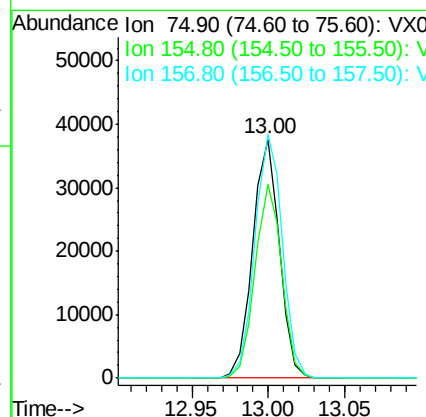
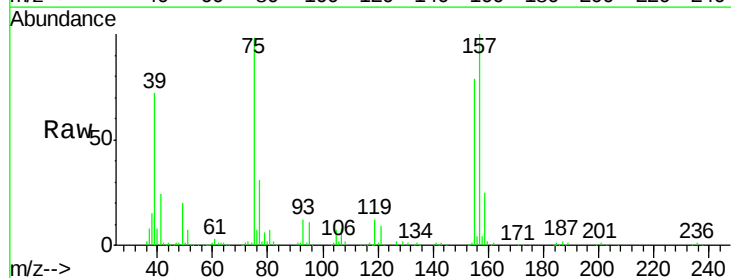
Manual Integrations
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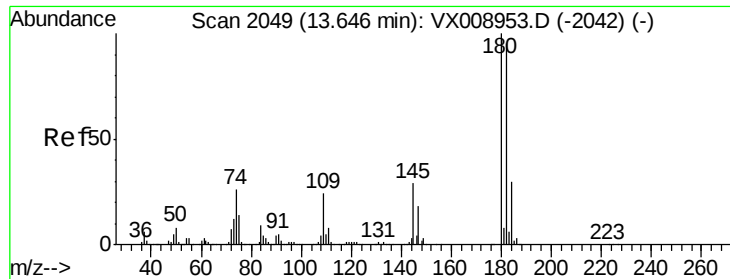
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.299 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45477		
155	81.3	41.2	123.6	
157	105.4	52.5	157.6	





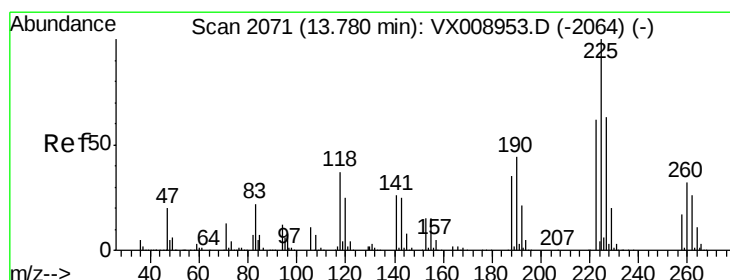
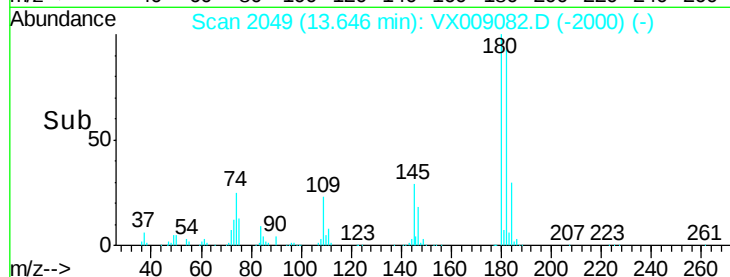
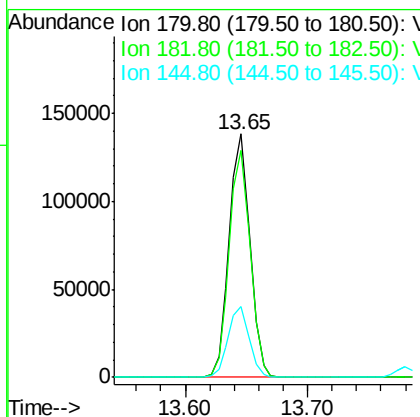
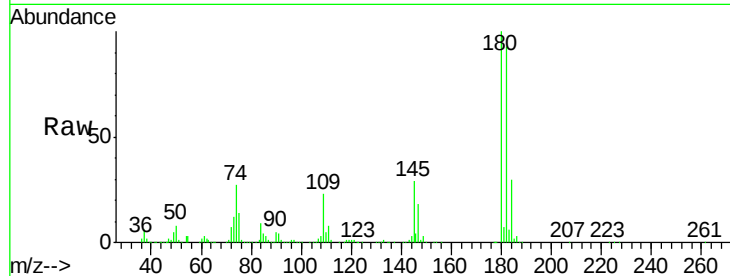
#93
 1,2,4-Trichlorobenzene
 Concen: 50.317 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162447		
182	94.3	47.6	142.9	
145	29.5	14.8	44.4	

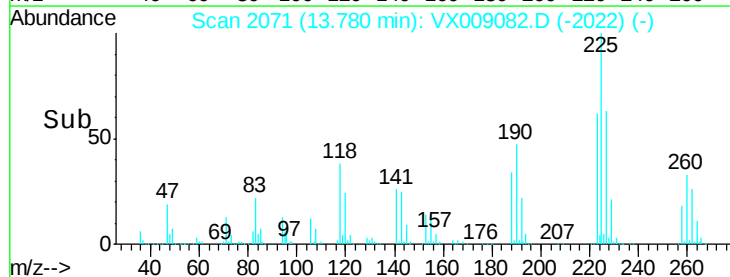
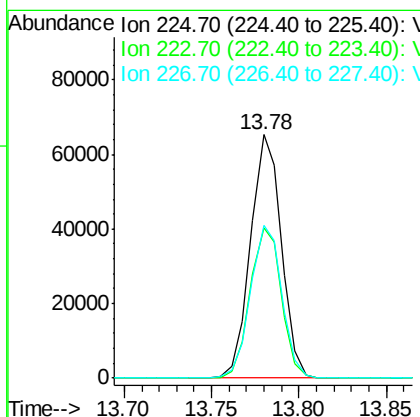
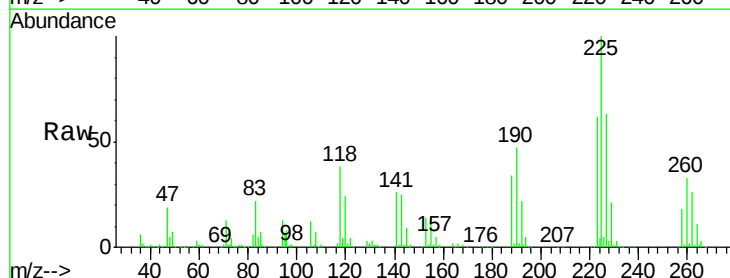
Manual Integrations
 APPROVED

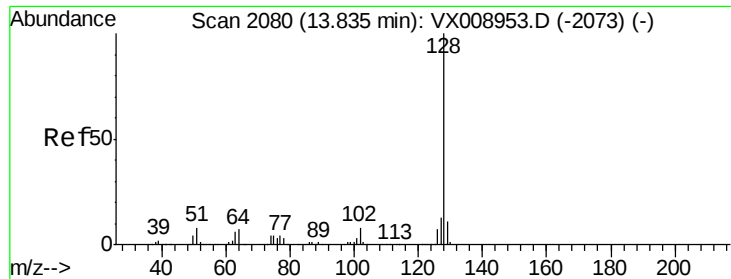
MMDadoda
 4/22/2019 10:51:59 AM



#94
 Hexachlorobutadiene
 Concen: 49.917 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009082.D
 Acq: 19 Apr 2019 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80377		
223	62.6	31.1	93.2	
227	63.8	32.0	96.2	





#95

Naphthalene

Concen: 52.780 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Instrument :

MSVOA_X

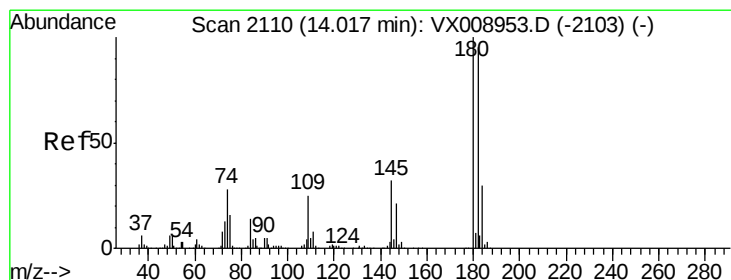
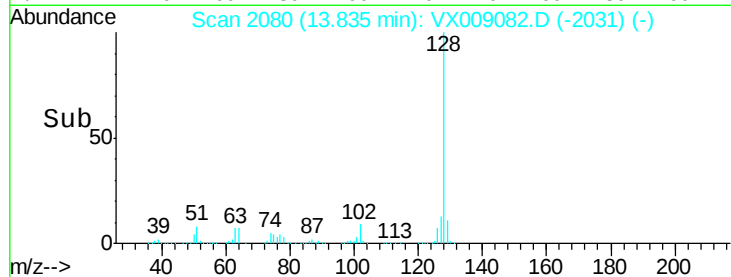
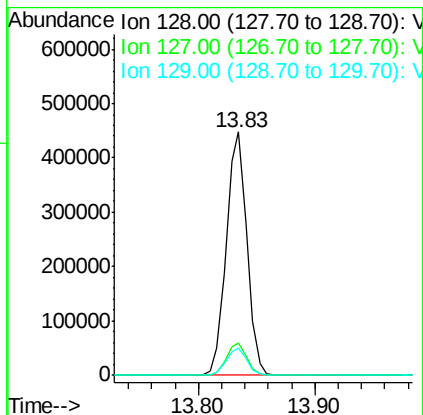
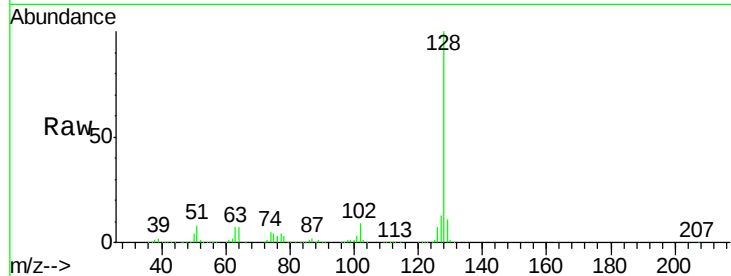
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	545925
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.1	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.261 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009082.D

Acq: 19 Apr 2019 19:48

Tgt Ion:	180	Resp:	163289
Ion Ratio		Lower	Upper
180	100		
182	95.7	47.8	143.4
145	31.4	15.8	47.3

