

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008751.D
 Acq On : 08 Apr 2019 17:35
 Operator : JC/SP
 Sample : K2295-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:50:11 PM

Quant Time: Apr 09 07:26:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125286	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.50	113	93541	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.72	98	360425	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	127193	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77382	40.515	ug/l	100
3) Chloromethane	1.32	50	107545	45.803	ug/l	100
4) Vinyl Chloride	1.41	62	110258	42.704	ug/l	98
5) Bromomethane	1.64	94	60567	47.709	ug/l	99
6) Chloroethane	1.71	64	68810	48.722	ug/l	98
7) Trichlorofluoromethane	1.92	101	128060	44.869	ug/l	99
8) Diethyl Ether	2.19	74	63392	46.836	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78055	42.477	ug/l	97
10) Methyl Iodide	2.50	142	75707	45.618	ug/l	99
11) Tert butyl alcohol	3.07	59	155806	274.989	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83019	43.278	ug/l	98
13) Acrolein	2.29	56	99761	355.091	ug/l	99
14) Allyl chloride	2.72	41	206339	46.987	ug/l	98
15) Acrylonitrile	3.15	53	379795	253.029	ug/l	100
16) Acetone	2.45	43	311872	223.734	ug/l	100
17) Carbon Disulfide	2.56	76	244713	44.089	ug/l	99
18) Methyl Acetate	2.78	43	171672	50.780	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	340538	49.709	ug/l	98
20) Methylene Chloride	2.85	84	102217	43.808	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94620	45.602	ug/l	92
22) Diisopropyl ether	3.86	45	407645	48.162	ug/l	99
23) Vinyl Acetate	3.82	43	1831291	248.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200653	47.881	ug/l	99
25) 2-Butanone	4.68	43	571150	259.241	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120737	40.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	111828	46.877	ug/l	98
28) Bromochloromethane	5.02	49	87014	49.689	ug/l	99
29) Tetrahydrofuran	5.14	42	382179	261.357	ug/l	100
30) Chloroform	5.21	83	181009	48.360	ug/l	98
31) Cyclohexane	5.58	56	182922	43.746	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	146844	48.549	ug/l	99
36) 1,1-Dichloropropene	5.80	75	136876	43.660	ug/l	99
37) Ethyl Acetate	4.84	43	210896	50.398	ug/l	99
38) Carbon Tetrachloride	5.79	117	120392	46.398	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159798	41.261	ug/l	98
40) Benzene	6.14	78	427352	45.756	ug/l	100
41) Methacrylonitrile	5.05	41	118774	49.379	ug/l	99
42) 1,2-Dichloroethane	6.20	62	154540	46.155	ug/l	99
43) Isopropyl Acetate	6.45	43	323385	49.332	ug/l	100
44) Trichloroethene	7.21	130	97890	45.001	ug/l	99
45) 1,2-Dichloropropane	7.52	63	123907	46.481	ug/l	97
46) Dibromomethane	7.66	93	69916	45.221	ug/l	99
47) Bromodichloromethane	7.90	83	139567	47.876	ug/l	99
48) Methyl methacrylate	7.77	41	163028	49.164	ug/l	99
49) 1,4-Dioxane	7.74	88	61418	988.737	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1067291	252.921	ug/l	100
52) Toluene	8.79	92	249702	45.349	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157394	48.199	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	174716	46.825	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	104079	47.089	ug/l	99
56) Ethyl methacrylate	9.18	69	192263	48.077	ug/l	100
57) 1,3-Dichloropropane	9.37	76	185957	46.854	ug/l	99
59) 2-Hexanone	9.49	43	822317	250.748	ug/l	100
60) Dibromochloromethane	9.59	129	102093	49.018	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107712	46.812	ug/l	98
64) Tetrachloroethene	9.34	164	88657	48.246	ug/l	98
65) Chlorobenzene	10.14	112	251061	45.665	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	94047	48.760	ug/l	99
67) Ethyl Benzene	10.25	91	468708	45.719	ug/l	100
68) m/p-Xylenes	10.36	106	340746	92.441	ug/l	98
69) o-Xylene	10.70	106	166297	46.553	ug/l	98
70) Stvrene	10.71	104	289958	47.089	ug/l	99
71) Bromoform	10.86	173	75127	50.999	ug/l #	98
73) Isopropylbenzene	11.02	105	437275	45.985	ug/l	99
74) N-amyl acetate	10.90	43	270400	48.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	171960	47.550	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	143834m	45.632	ug/l	
77) Bromobenzene	11.26	156	106749	46.697	ug/l	99
78) n-propylbenzene	11.36	91	506028	45.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	301112	44.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367520	46.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56036	49.005	ug/l	99
82) 4-Chlorotoluene	11.51	91	346498	44.676	ug/l	99
83) tert-Butylbenzene	11.77	119	360587	46.956	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	370866	45.886	ug/l	99
85) sec-Butylbenzene	11.94	105	416564	45.668	ug/l	99
86) p-Isopropyltoluene	12.07	119	375926	45.917	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184272	45.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183662	44.320	ug/l	99
89) n-Butylbenzene	12.39	91	343524	44.742	ug/l	100
90) Hexachloroethane	12.60	117	63430	46.712	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	184501	45.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40450	50.846	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	128279	45.406	ug/l	99

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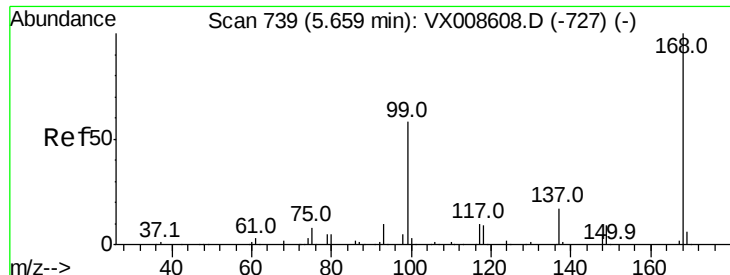
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60530	44.675	ug/l	100
95) Naphthalene	13.83	128	463134	49.049	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131416	46.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:168 Resp: 165928

Ion Ratio Lower Upper

168 100

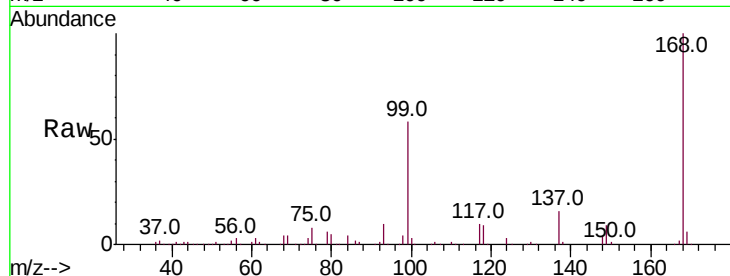
99 57.8 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

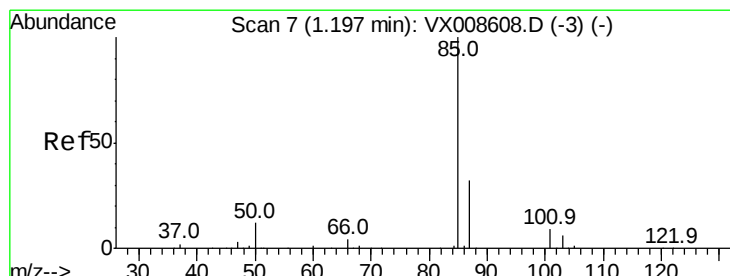
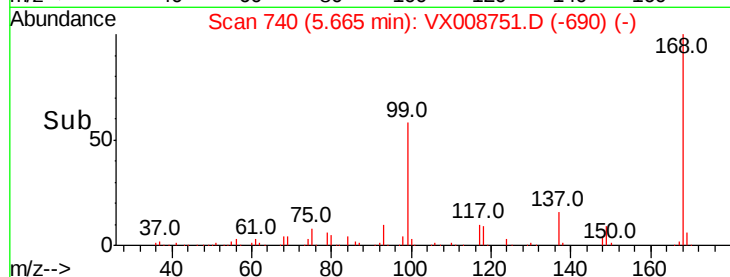
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 40.515 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008751.D

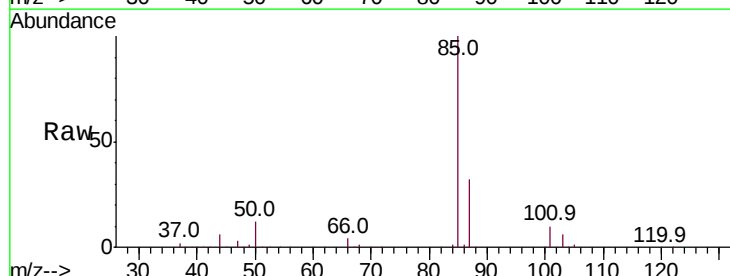
Acq: 08 Apr 2019 17:35

Tgt Ion: 85 Resp: 77382

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

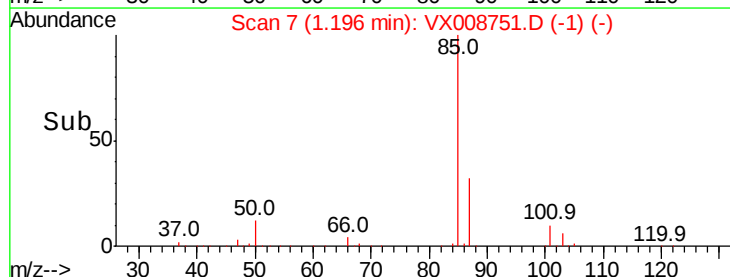
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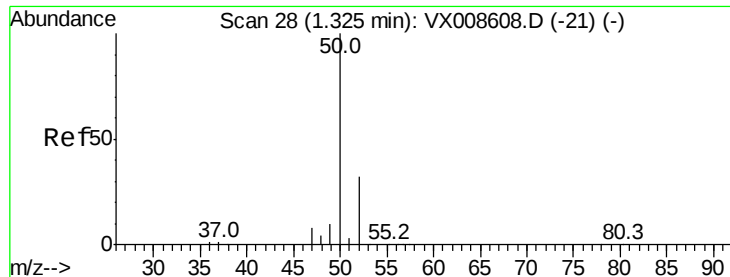
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 45.803 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 50 Resp: 107545

Ion Ratio Lower Upper

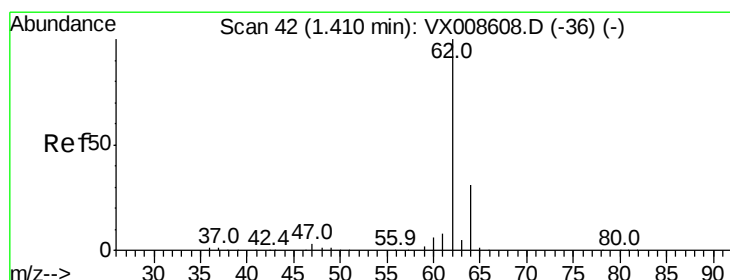
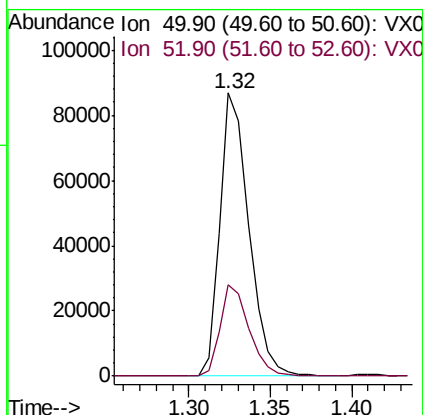
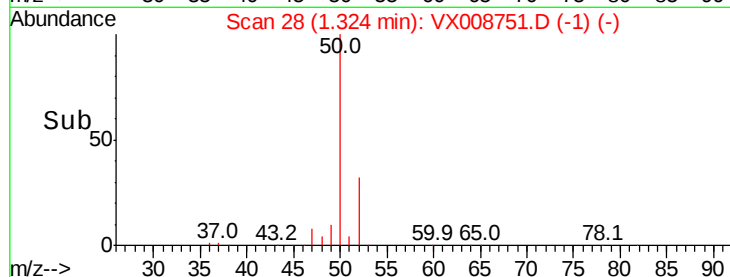
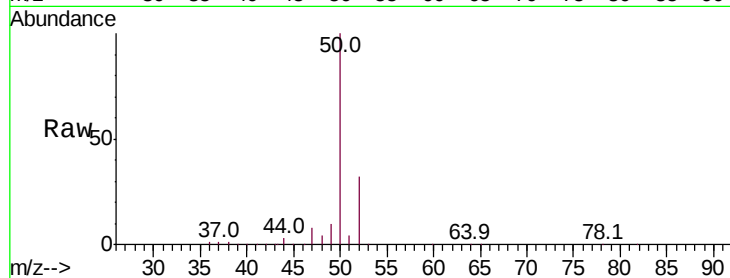
50 100

52 32.4 25.8 38.8

Manual Integrations
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4/9/2019 1:50:11 PM



#4

Vinyl Chloride

Concen: 42.704 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008751.D

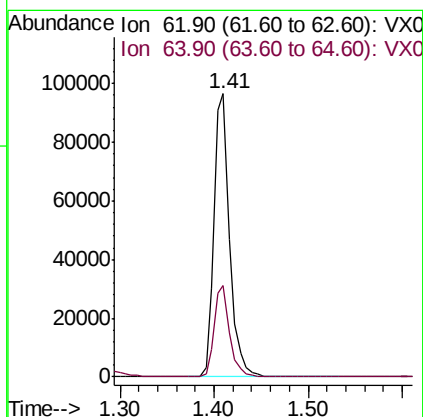
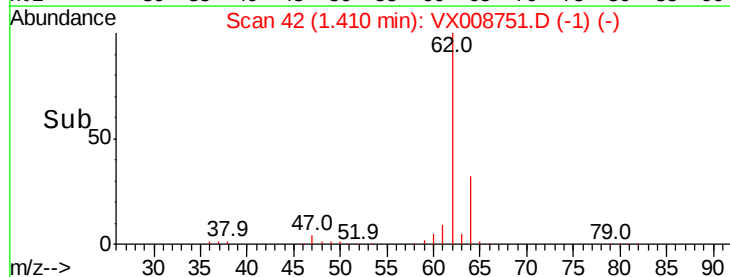
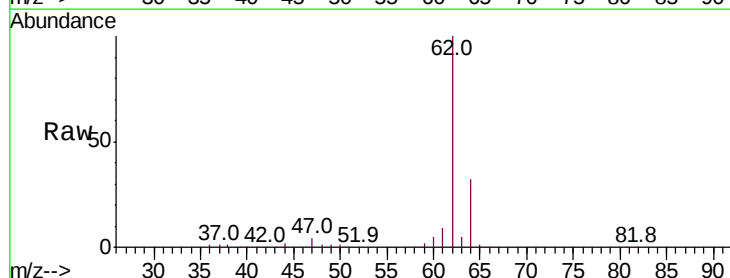
Acq: 08 Apr 2019 17:35

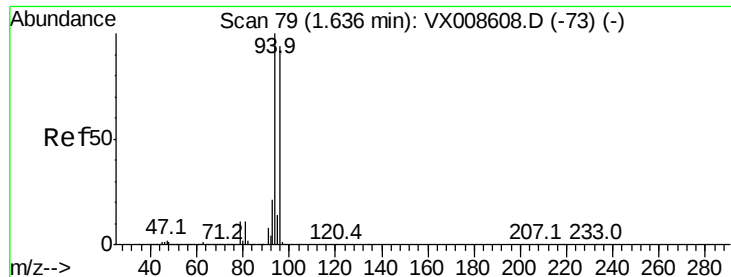
Tgt Ion: 62 Resp: 110258

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 60567

Ion Ratio Lower Upper

94 100

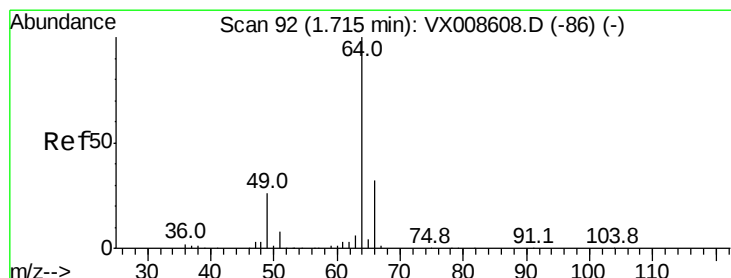
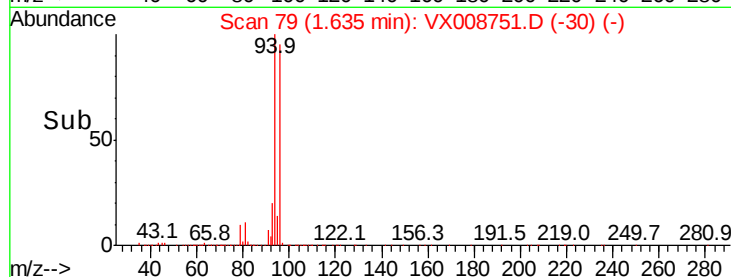
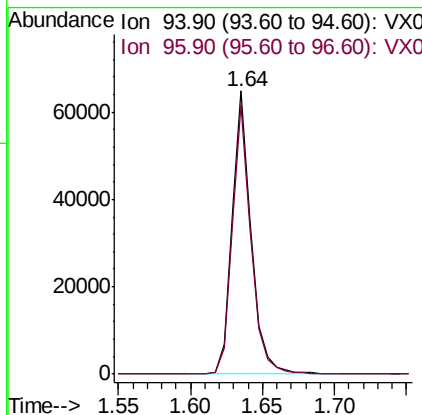
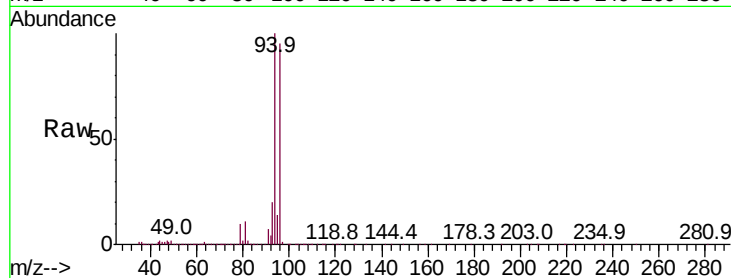
96 95.3 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 48.722 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008751.D

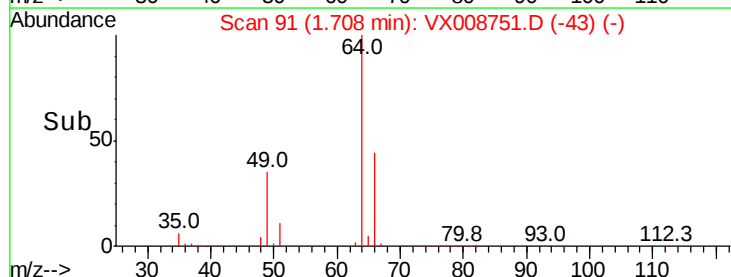
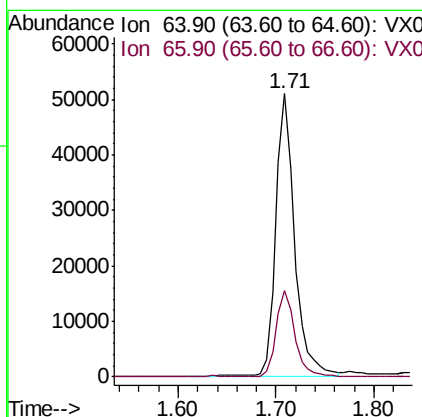
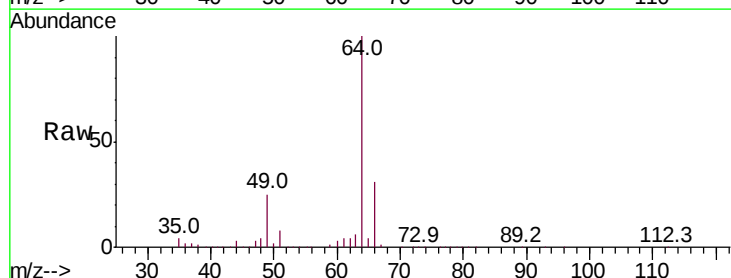
Acq: 08 Apr 2019 17:35

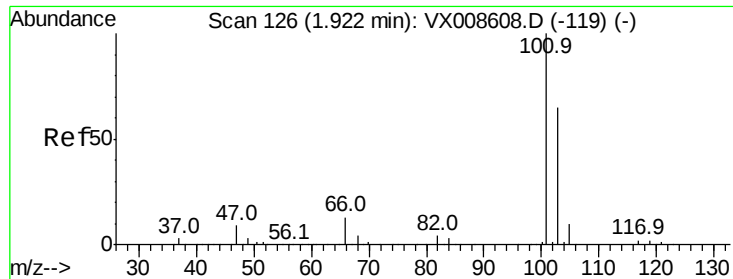
Tgt Ion: 64 Resp: 68810

Ion Ratio Lower Upper

64 100

66 30.4 25.4 38.0





#7

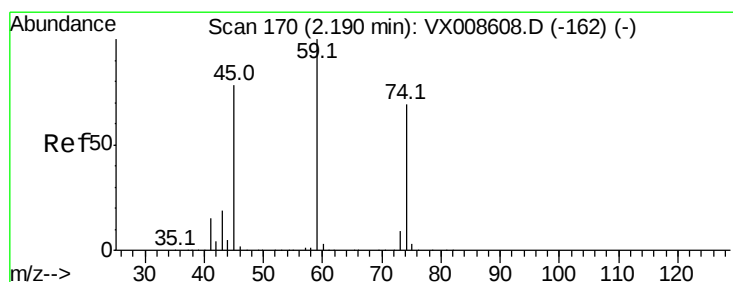
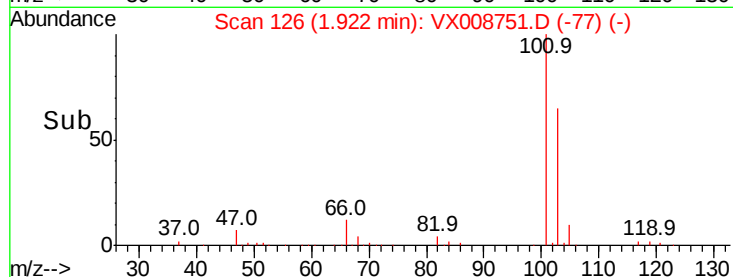
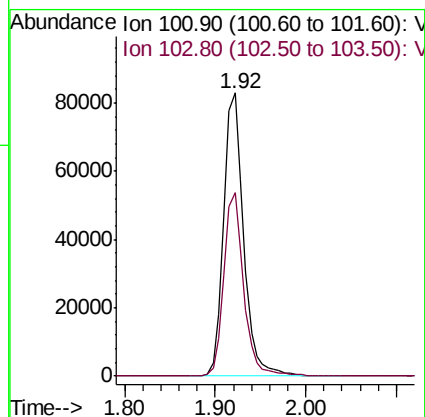
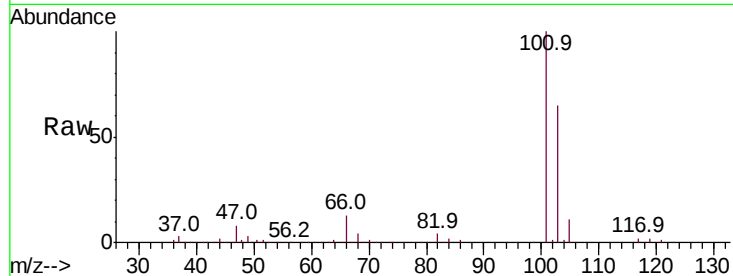
Trichlorofluoromethane
 Concen: 44.869 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

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 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

Manual Integrations
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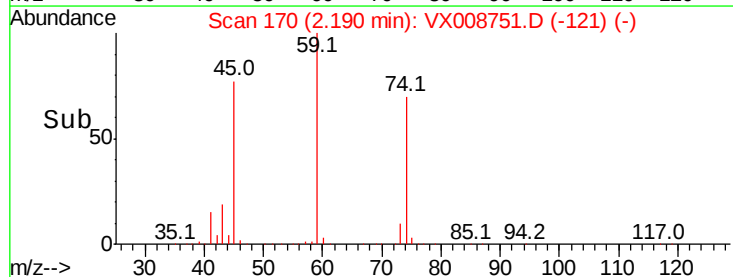
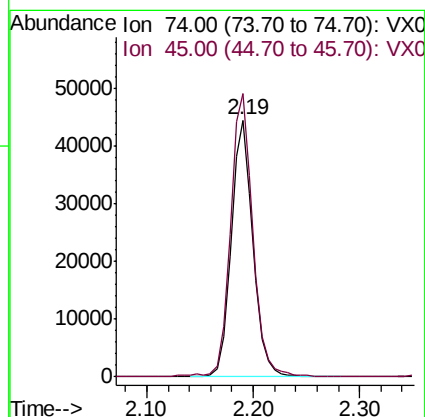
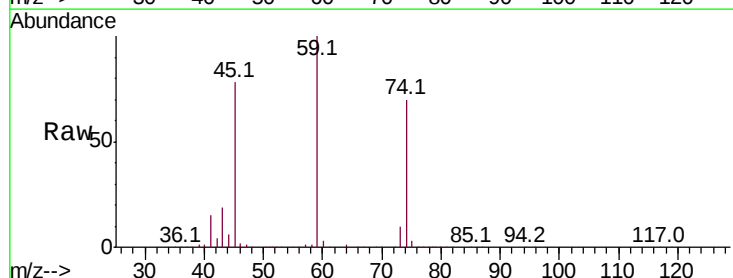
MMDadoda
 4/9/2019 1:50:11 PM

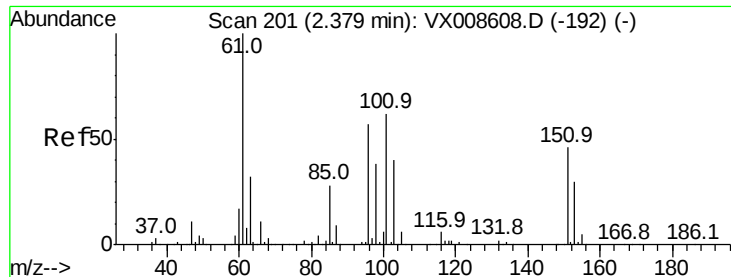


#8

Diethyl Ether
 Concen: 46.836 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.7	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.477 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

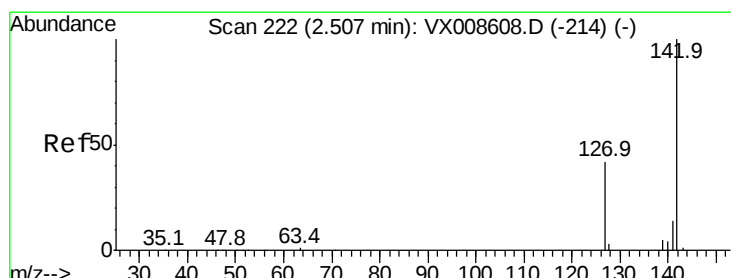
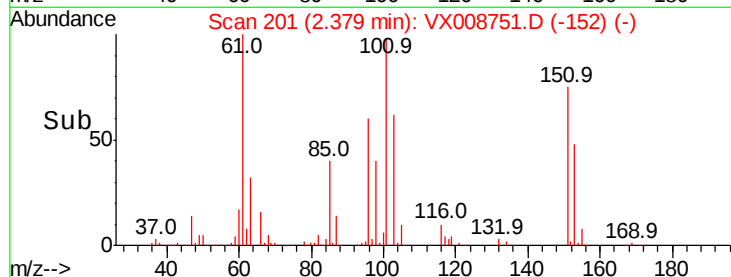
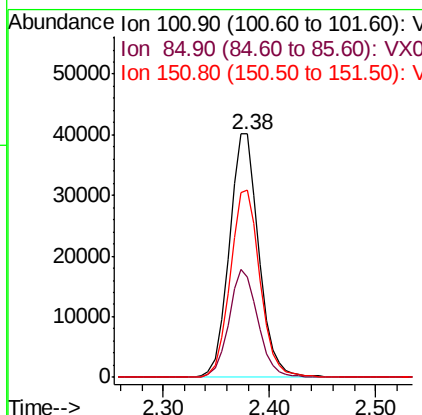
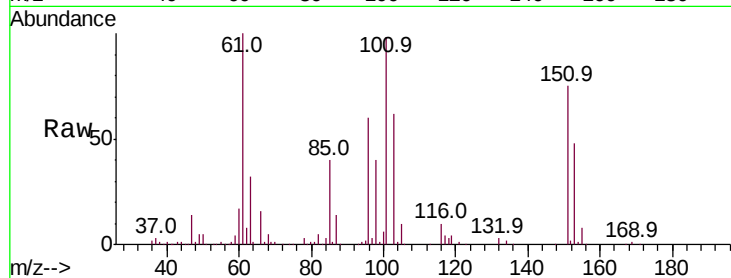
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	101	Resp:	78055
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.0	54.0
151	77.9	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 45.618 ug/l

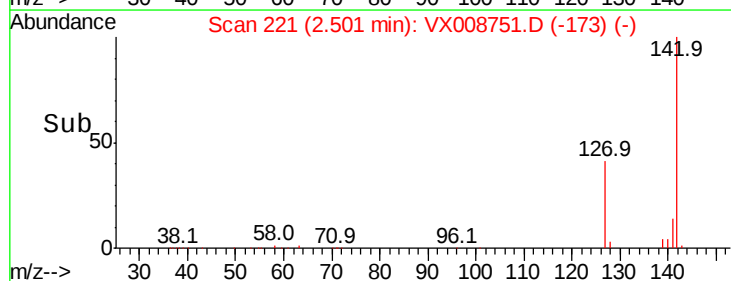
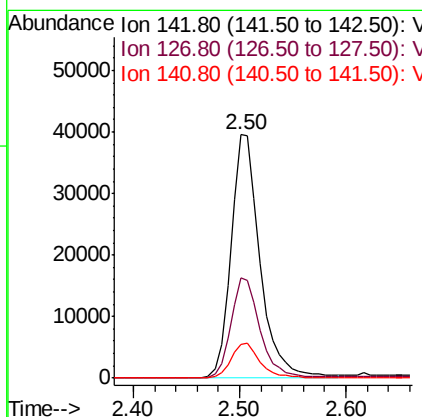
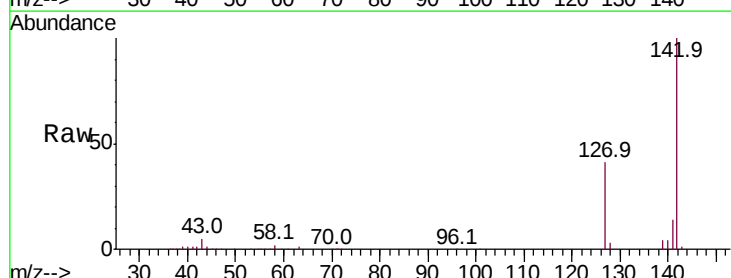
RT: 2.50 min Scan# 221

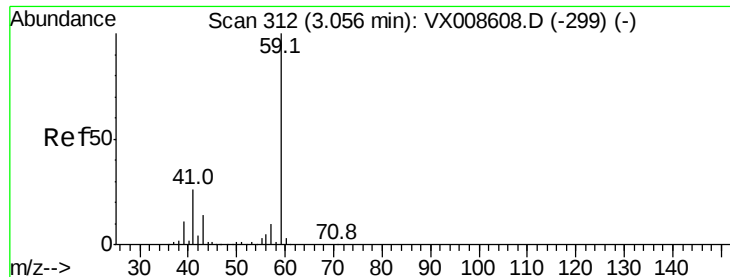
Delta R.T. -0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	142	Resp:	75707
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.0	49.6
141	14.4	11.4	17.2





#11

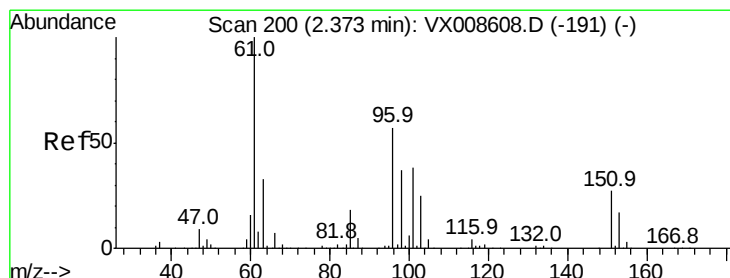
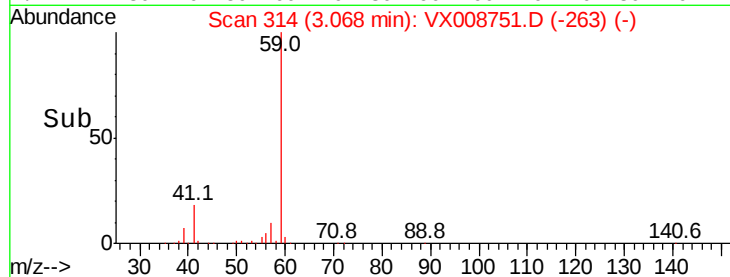
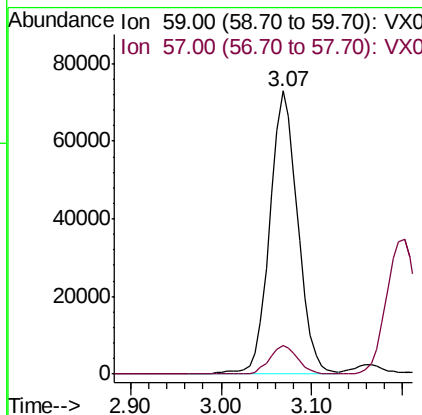
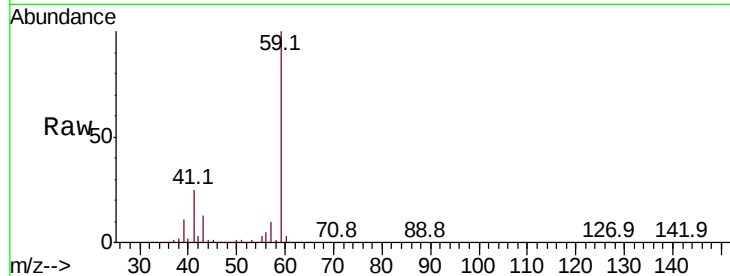
Tert butyl alcohol
Concen: 274.989 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	59	Resp	155806
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

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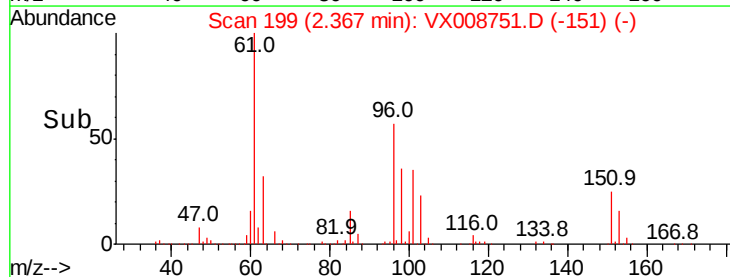
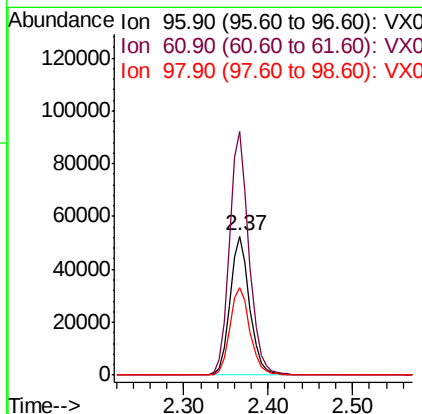
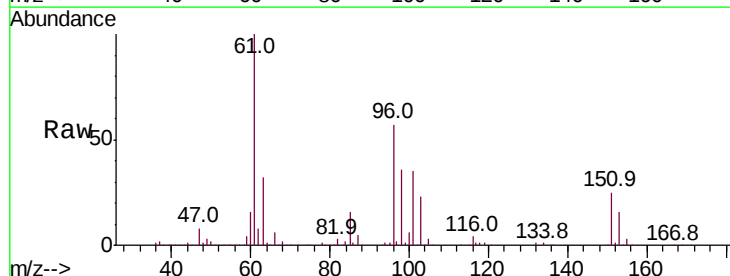
MMDadoda
4/9/2019 1:50:11 PM

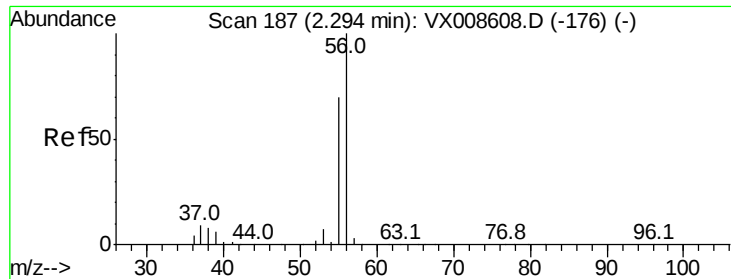


#12

1,1-Dichloroethene
Concen: 43.278 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	96	Resp	83019
Ion Ratio	100	Lower	Upper
61	174.9	140.9	211.3
98	62.4	52.1	78.1





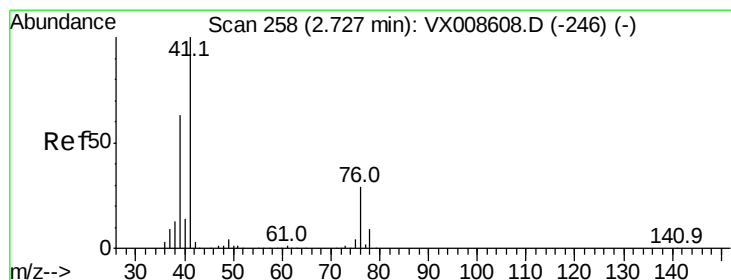
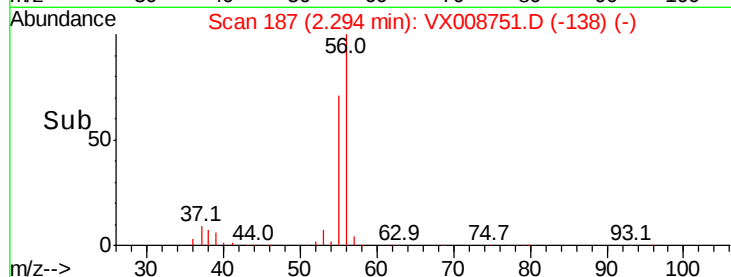
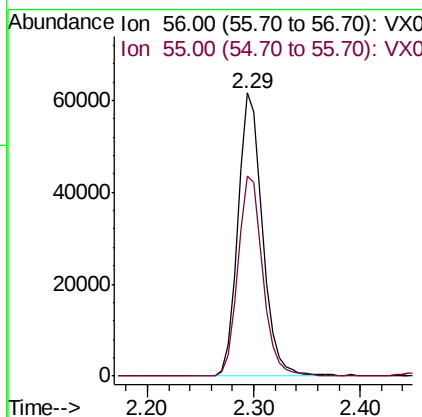
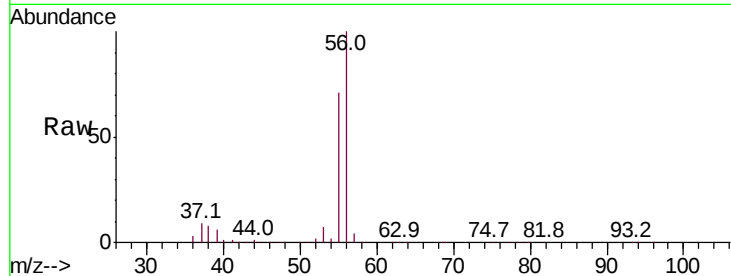
#13
Acrolein
Concen: 355.091 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	56	Resp	99761
Ion Ratio	100	Lower	Upper
55	71.6	58.0	87.0

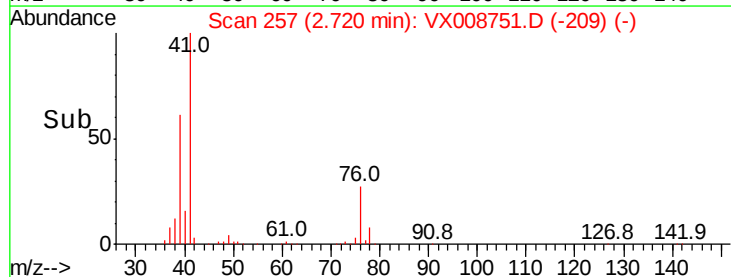
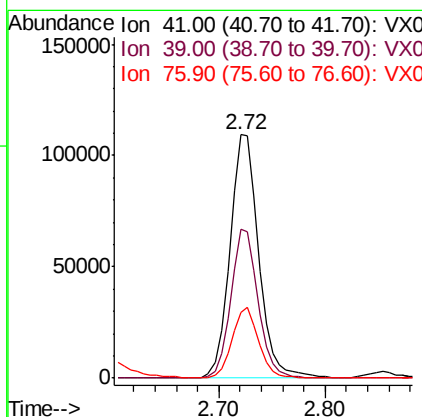
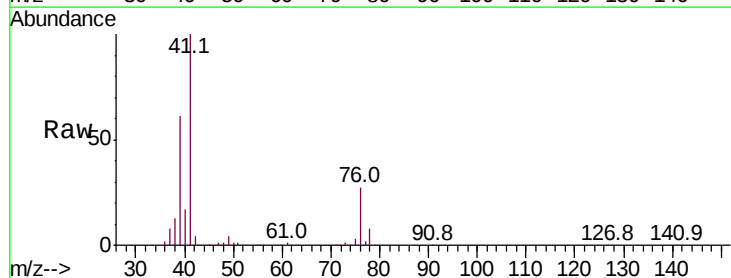
Manual Integrations
APPROVED

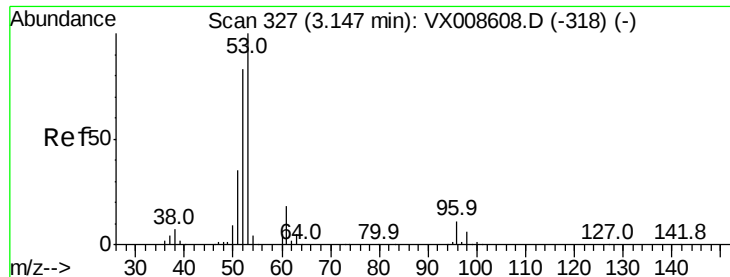
MMDadoda
4/9/2019 1:50:11 PM



#14
Allyl chloride
Concen: 46.987 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	41	Resp	206339
Ion Ratio	100	Lower	Upper
39	58.2	48.0	72.0
76	27.1	22.0	33.0





#15

Acrylonitrile

Concen: 253.029 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

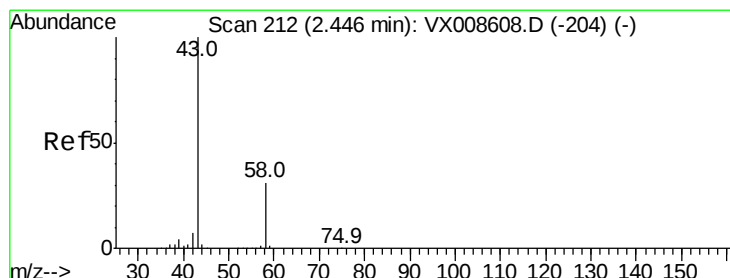
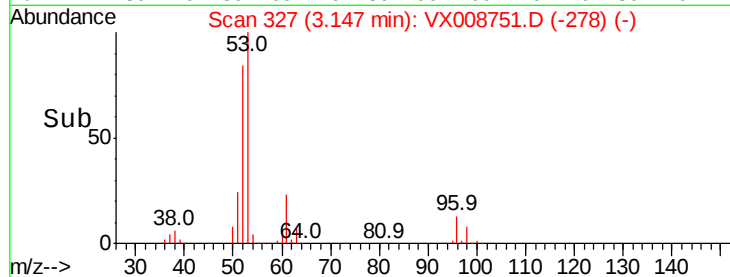
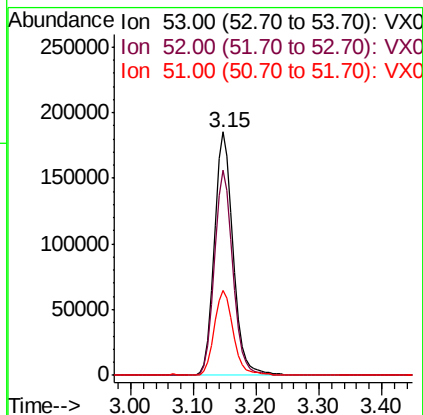
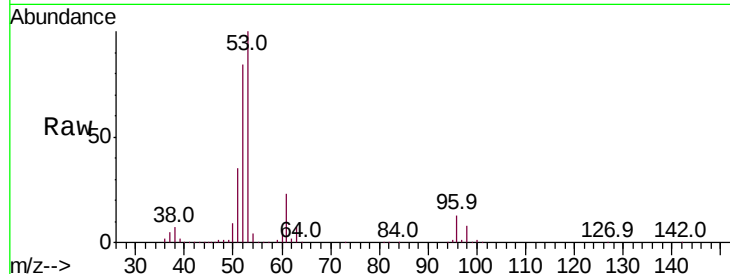
ClientSampleId :

ST008MW214-190403MSD

Tot Ion	53	Resp	379795
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.5	99.7
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 223.734 ug/l

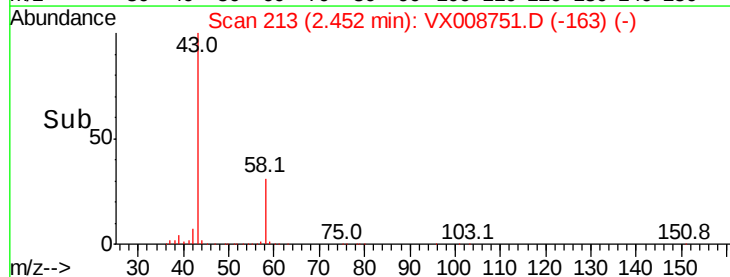
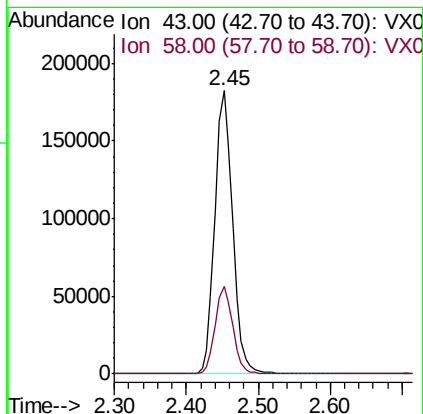
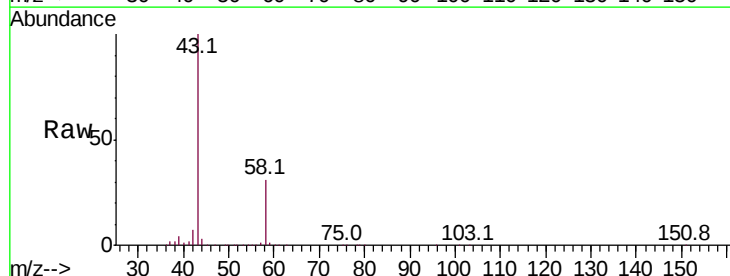
RT: 2.45 min Scan# 213

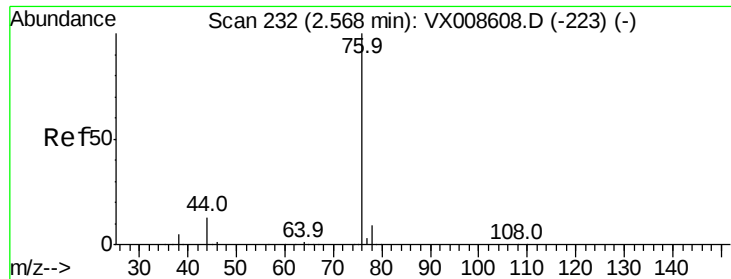
Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion	43	Resp	311872
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.8	37.2





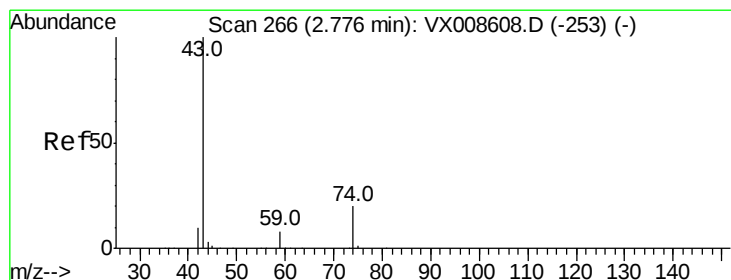
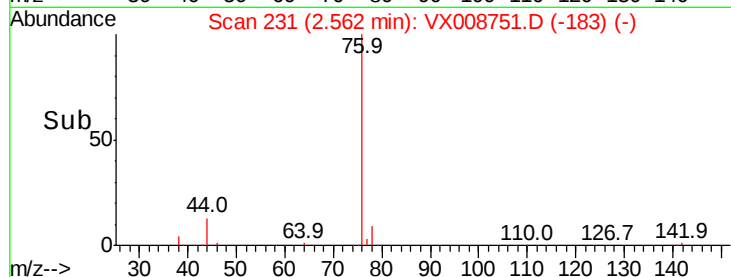
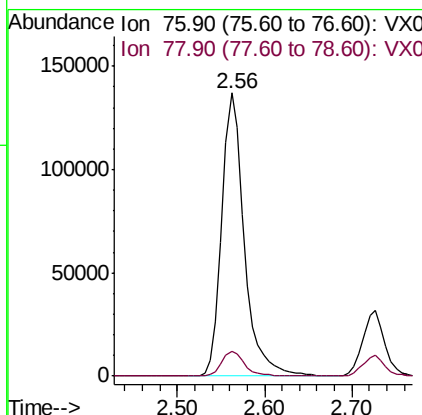
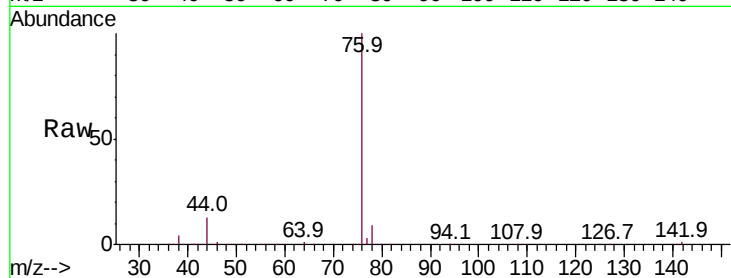
#17
Carbon Disulfide
Concen: 44.089 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion: 76 Resp: 244713
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

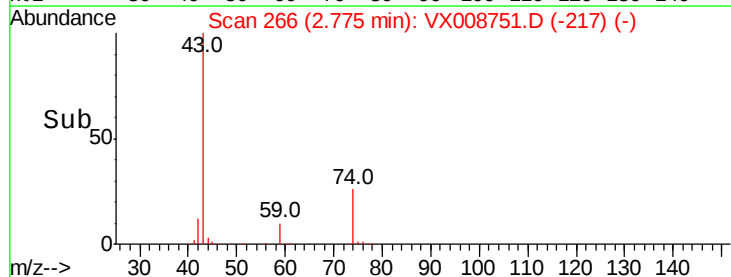
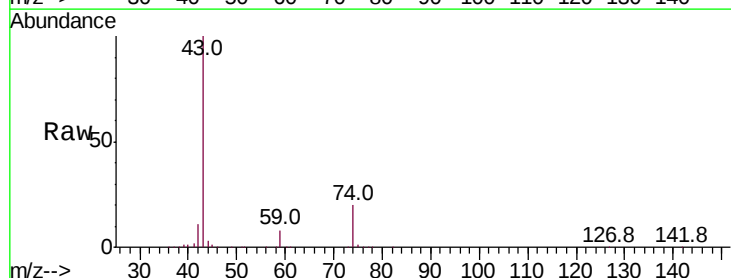
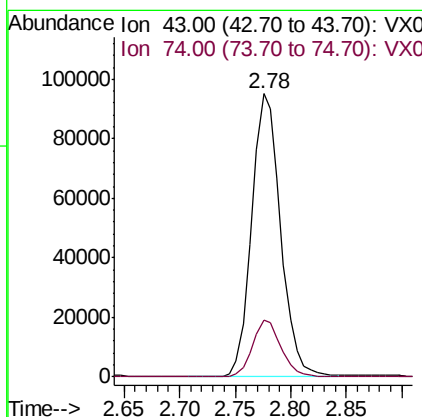
Manual Integrations
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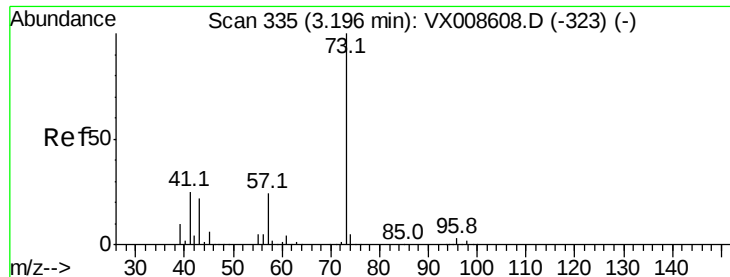
MMDadoda
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#18
Methyl Acetate
Concen: 50.780 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 43 Resp: 171672
Ion Ratio Lower Upper
43 100
74 20.0 16.5 24.7





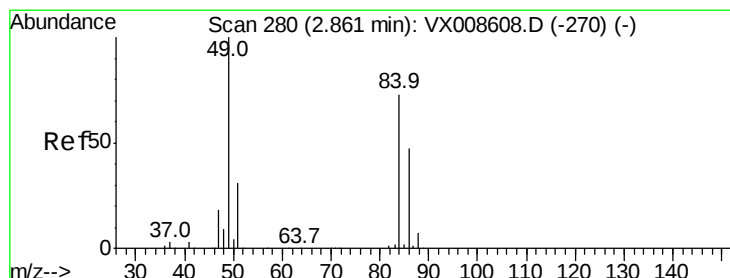
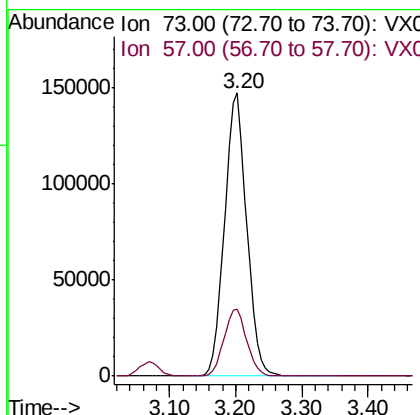
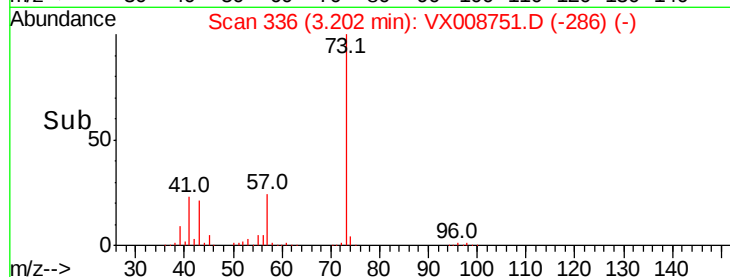
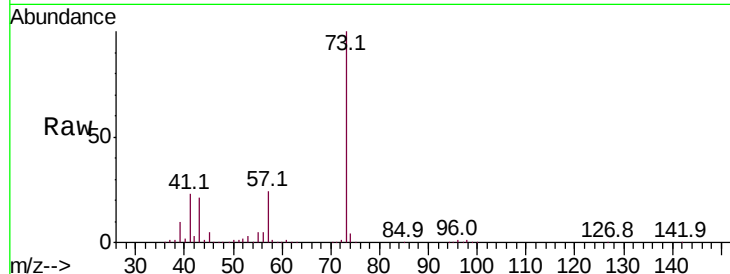
#19
Methyl tert-butyl Ether
Concen: 49.709 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion: 73 Resp: 340538
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3

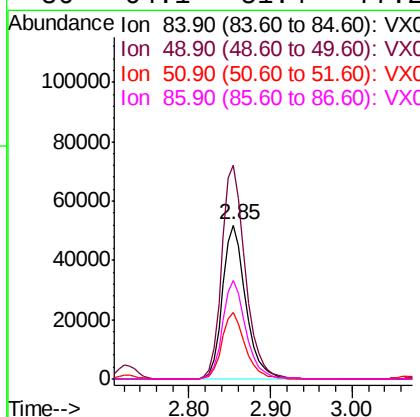
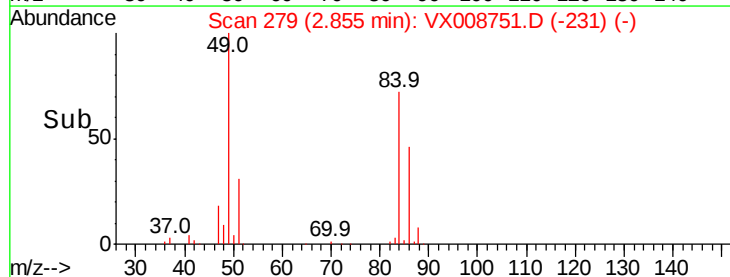
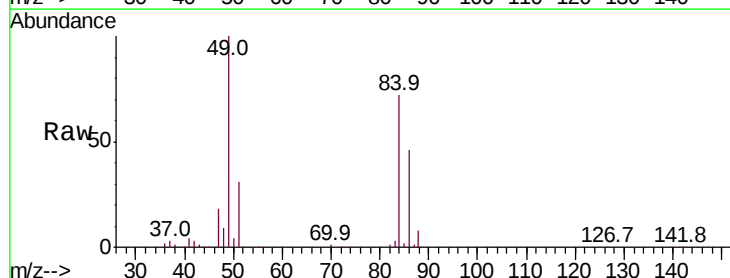
Manual Integrations
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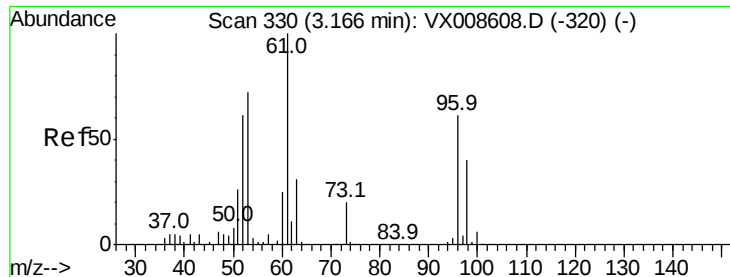
MMDadoda
4/9/2019 1:50:11 PM



#20
Methylene Chloride
Concen: 43.808 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion: 84 Resp: 102217
Ion Ratio Lower Upper
84 100
49 138.5 109.7 164.5
51 43.0 33.6 50.4
86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.602 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008751.D

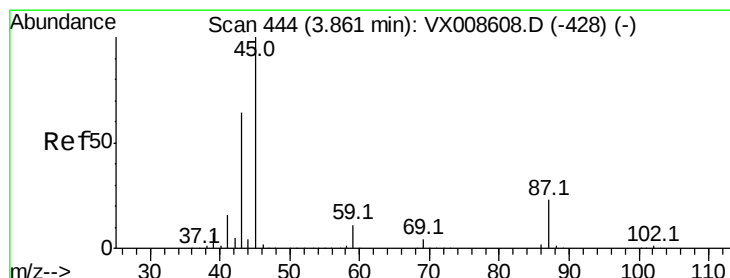
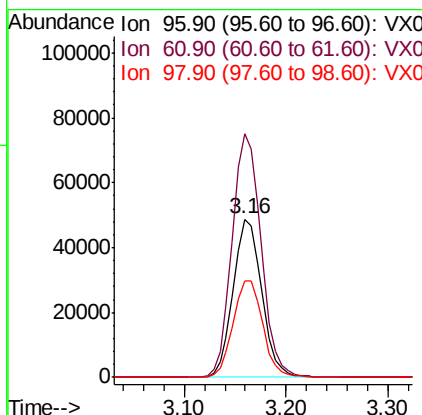
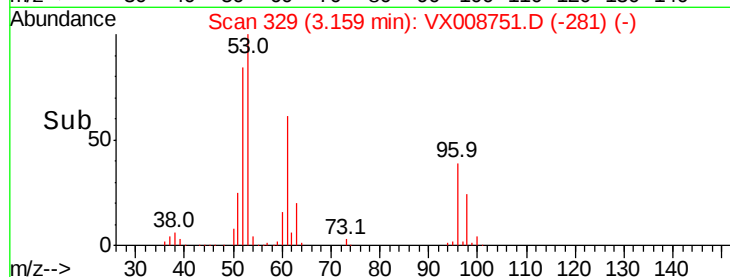
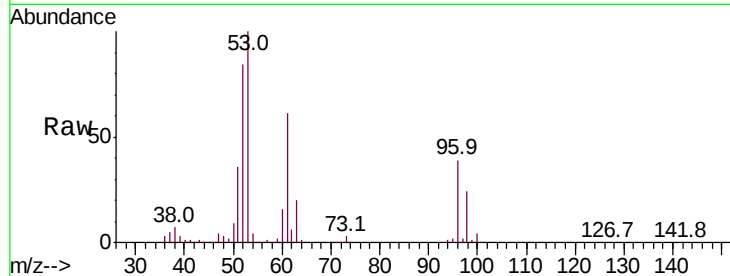
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:	96	Resp:	94620
Ion	Ratio	Lower	Upper
96	100		
61	153.7	132.1	198.1
98	61.1	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.162 ug/l

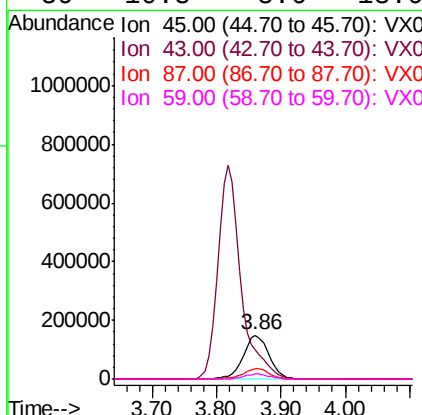
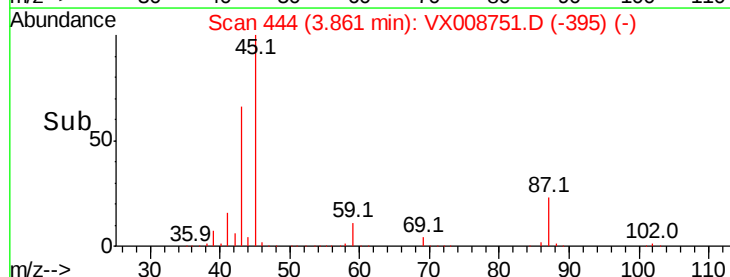
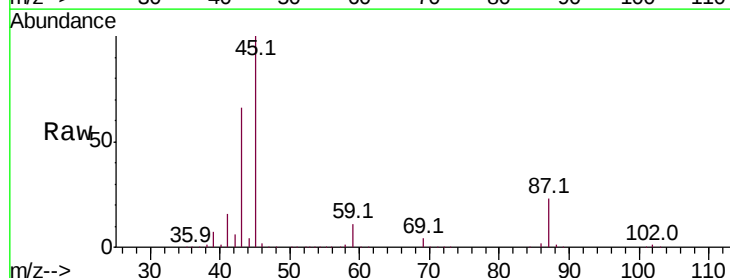
RT: 3.86 min Scan# 444

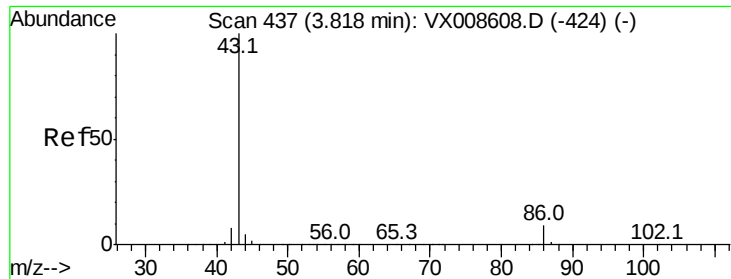
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	45	Resp:	407645
Ion	Ratio	Lower	Upper
45	100		
43	65.8	51.3	76.9
87	22.6	18.1	27.1
59	10.8	8.6	13.0





#23

Vinyl Acetate

Concen: 248.710 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 43 Resp: 1831291

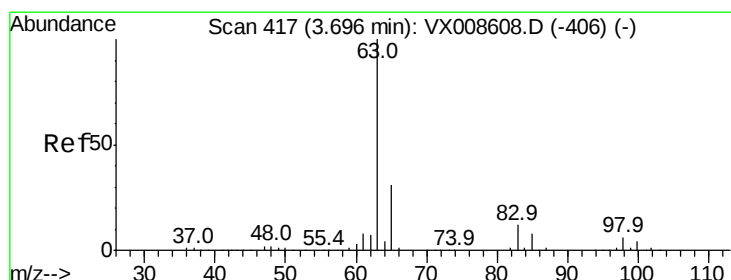
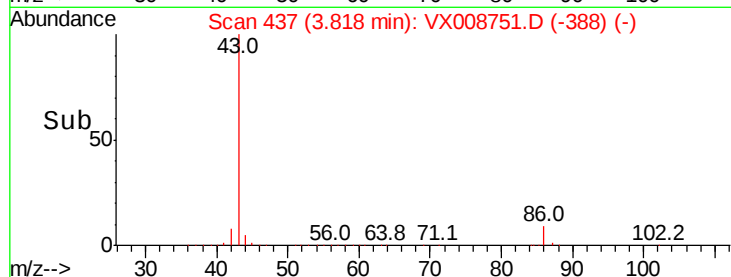
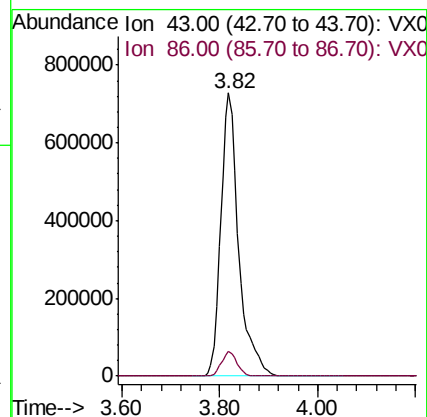
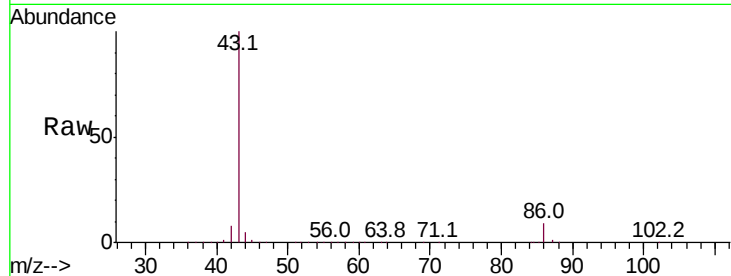
Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 47.881 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

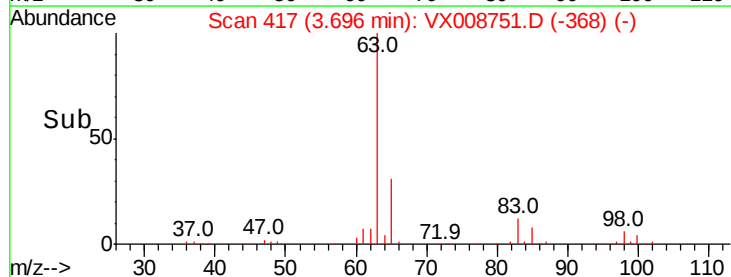
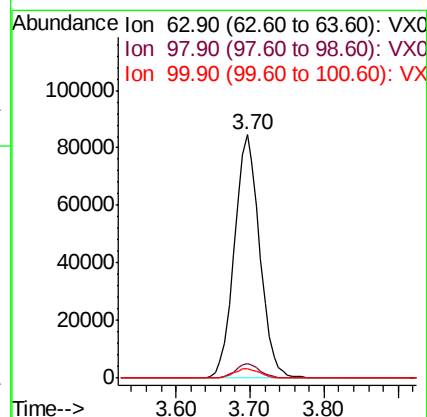
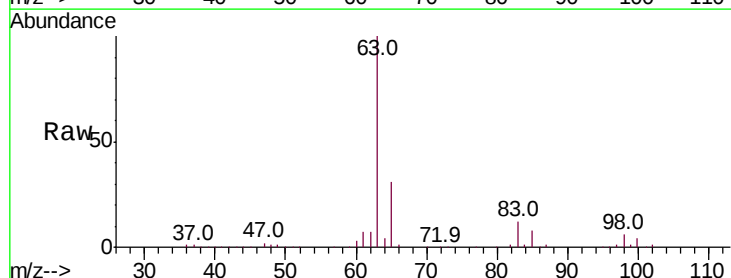
Tgt Ion: 63 Resp: 200653

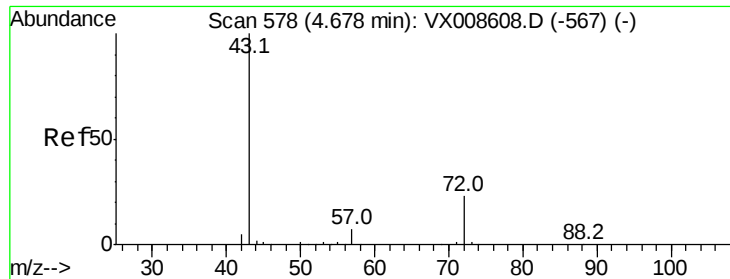
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 1.8 5.5





#25

2-Butanone

Concen: 259.241 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 43 Resp: 571150

Ion Ratio Lower Upper

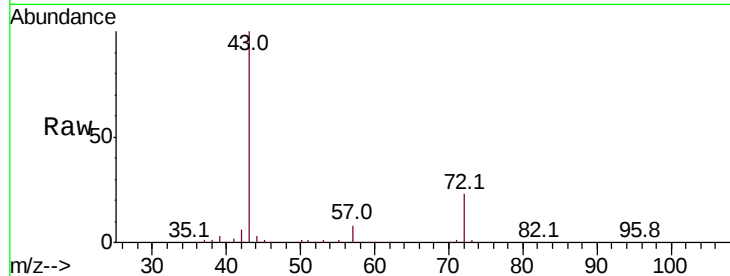
43 100

72 23.0 18.2 27.4

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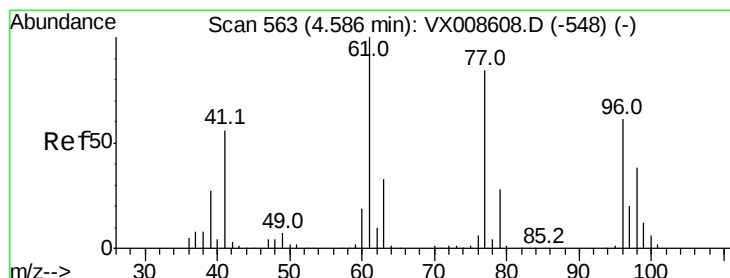
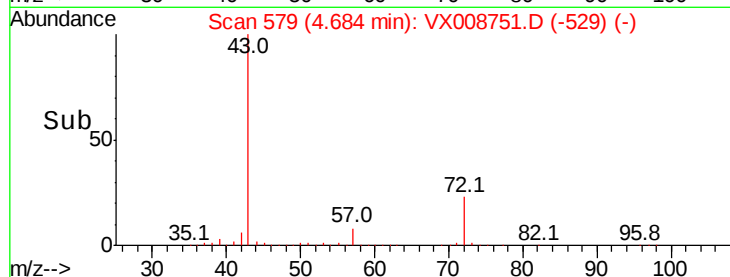
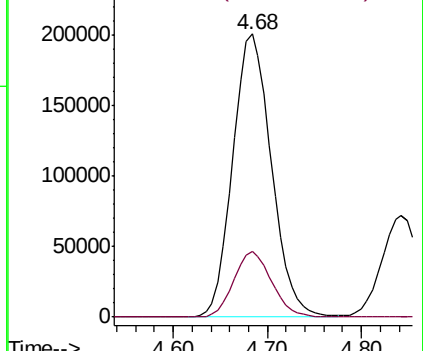
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.906 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008751.D

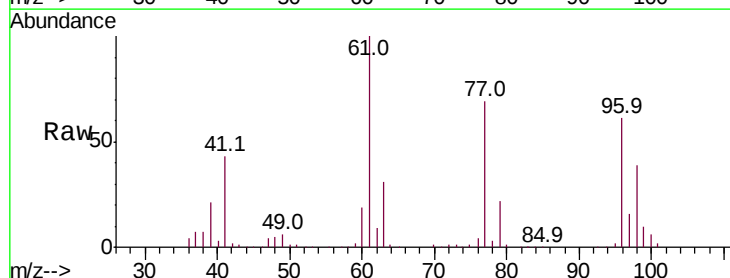
Acq: 08 Apr 2019 17:35

Tgt Ion: 77 Resp: 120737

Ion Ratio Lower Upper

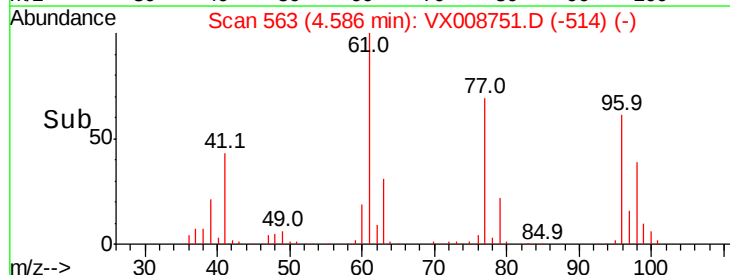
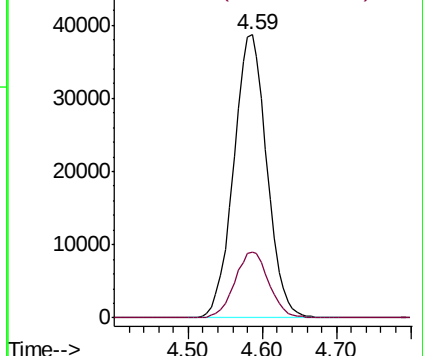
77 100

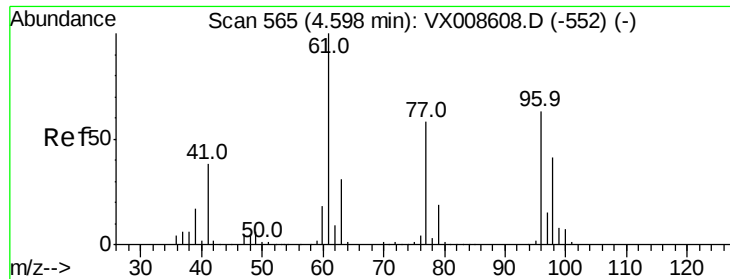
97 24.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

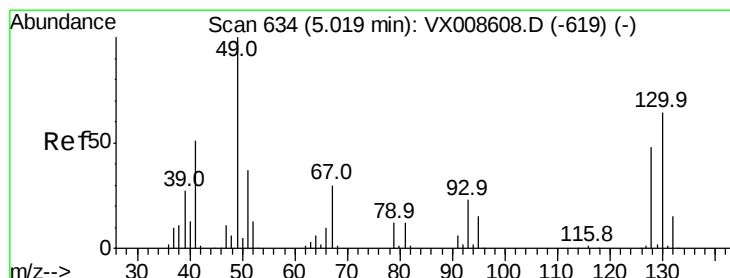
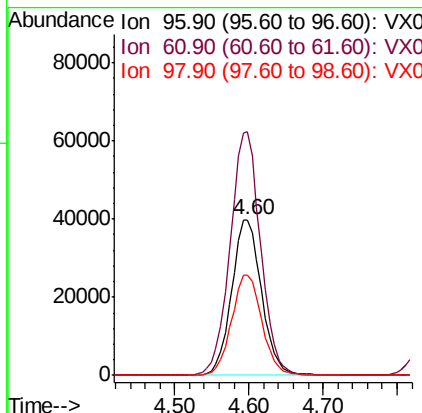
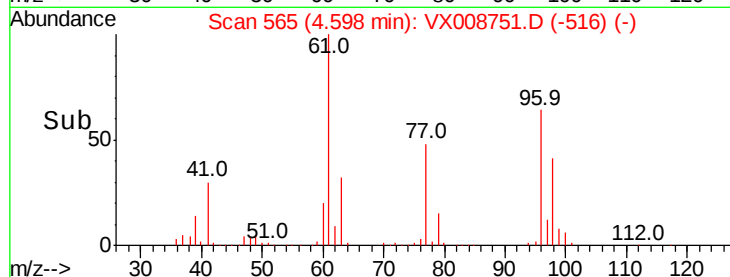
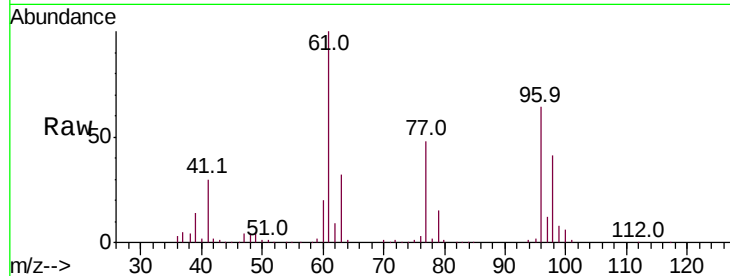
cis-1,2-Dichloroethene
Concen: 46.877 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	111828		
61	160.1	0.0	327.6	
98	65.3	0.0	128.6	

Manual Integrations
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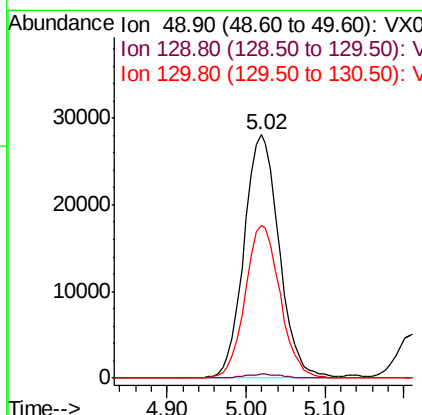
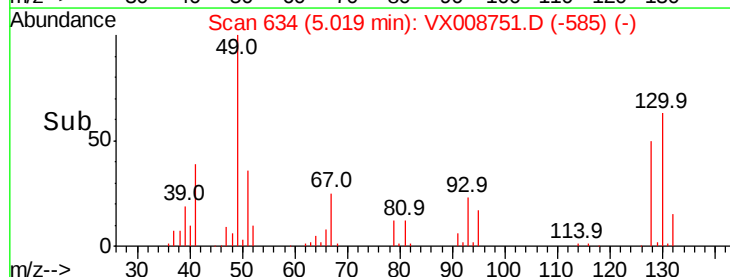
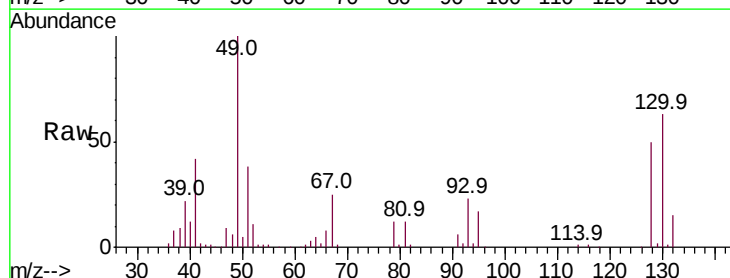
MMDadoda
4/9/2019 1:50:11 PM

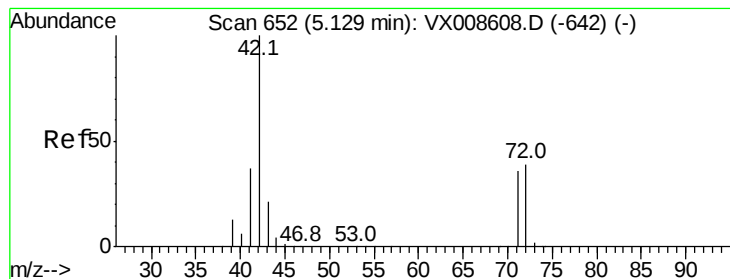


#28

Bromochloromethane
Concen: 49.689 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87014		
129	1.7	0.0	3.6	
130	62.2	49.3	73.9	





#29

Tetrahydrofuran

Concen: 261.357 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

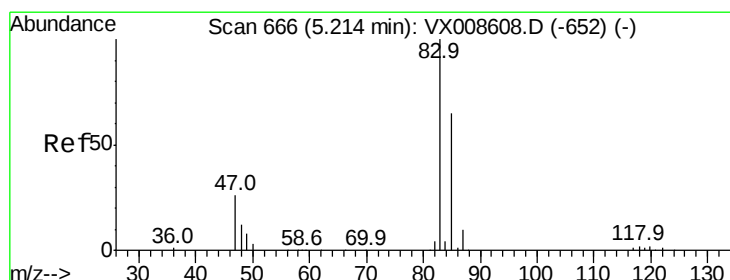
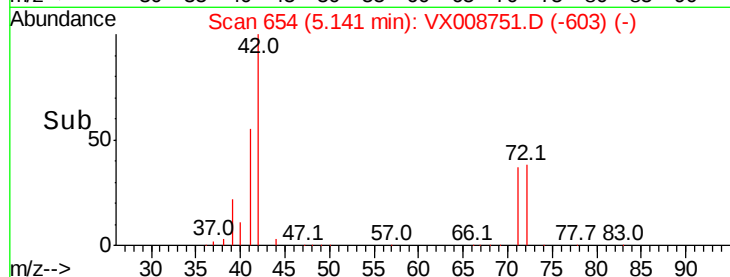
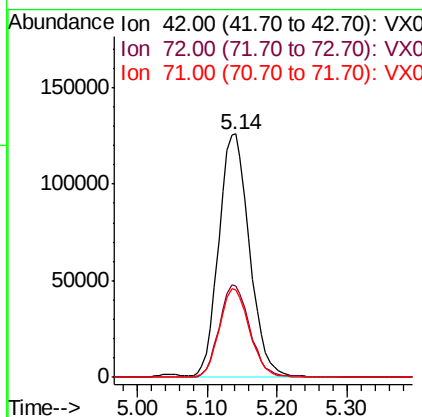
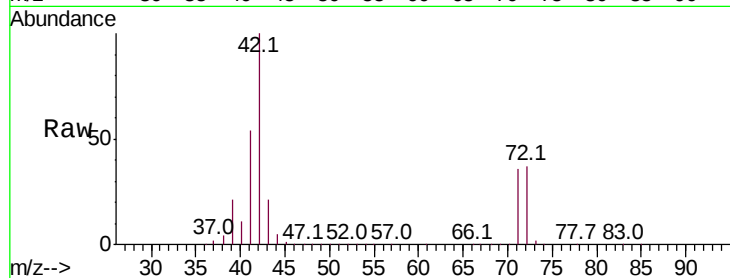
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	42	Resp:	382179
Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.5	45.7
71	35.9	28.6	43.0

Manual Integrations
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#30

Chloroform

Concen: 48.360 ug/l

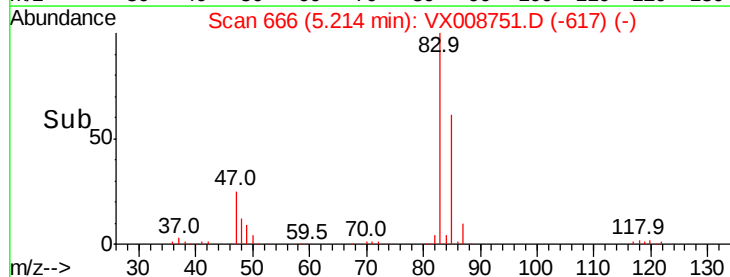
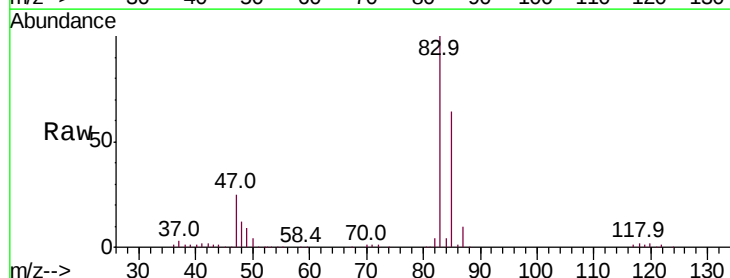
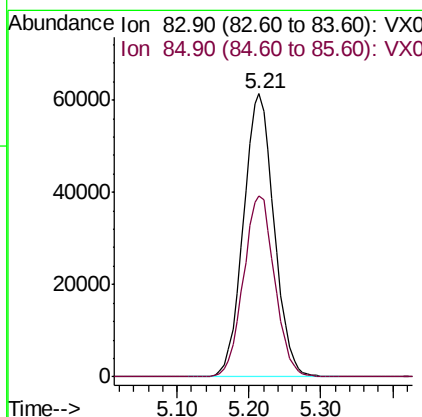
RT: 5.21 min Scan# 666

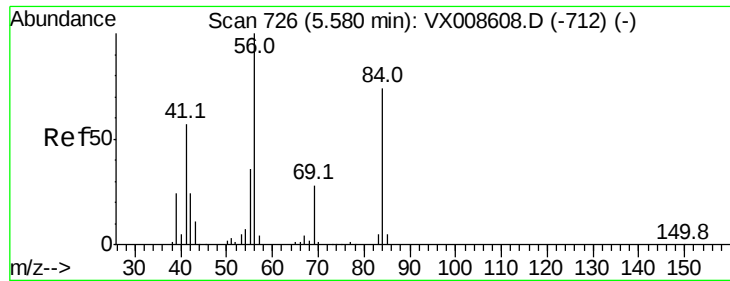
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	83	Resp:	181009
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.1	78.1





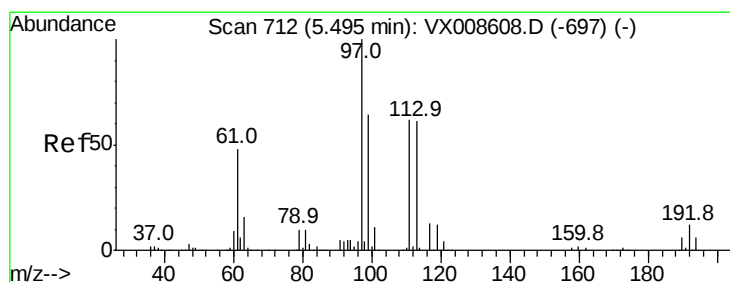
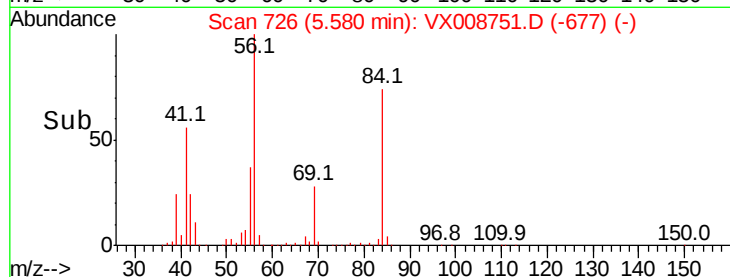
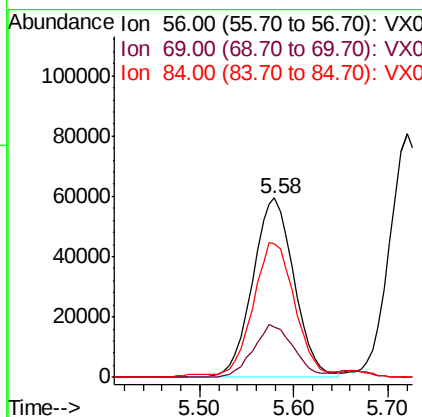
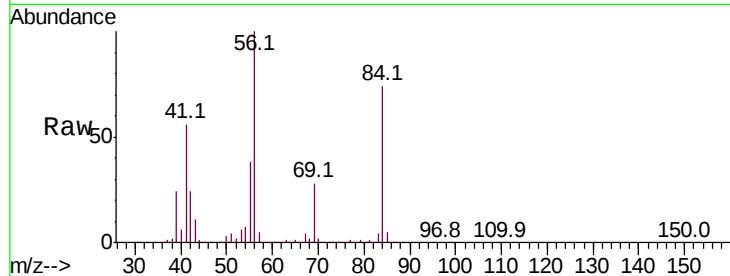
#31
Cyclohexane
Concen: 43.746 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	22.6	33.8
84	73.0	59.3	88.9

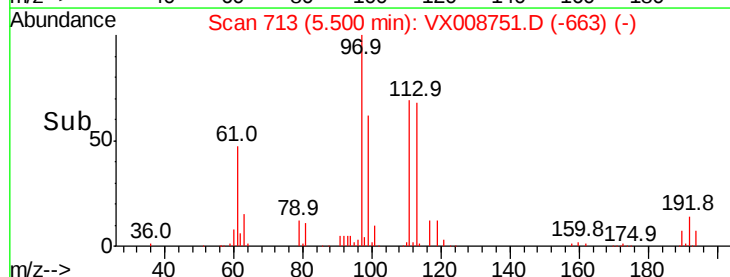
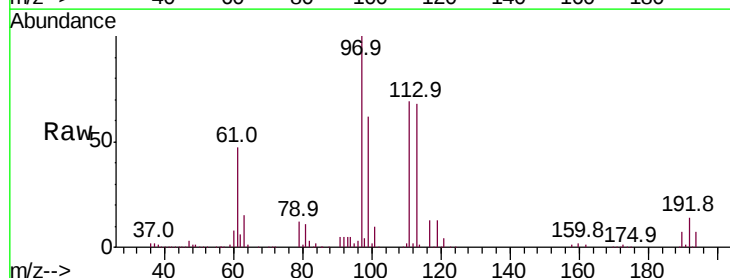
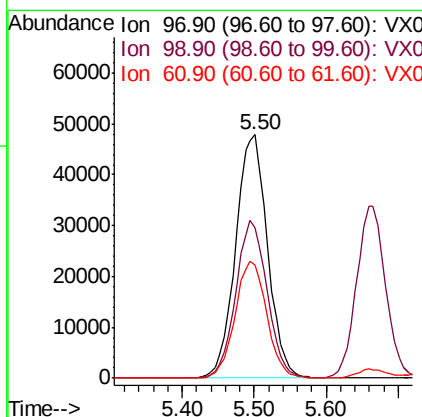
Manual Integrations
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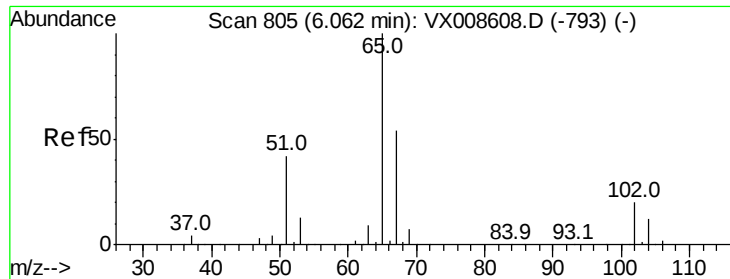
MMDadoda
4/9/2019 1:50:11 PM



#32
1,1,1-Trichloroethane
Concen: 48.549 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.1	38.9	58.3





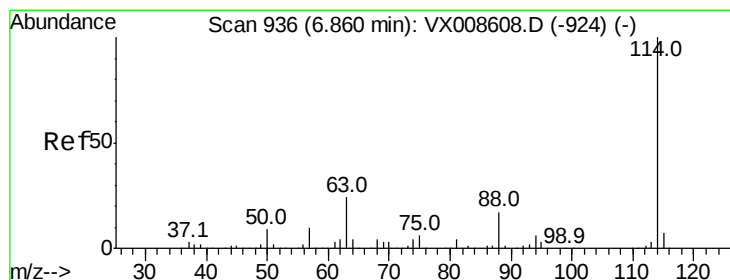
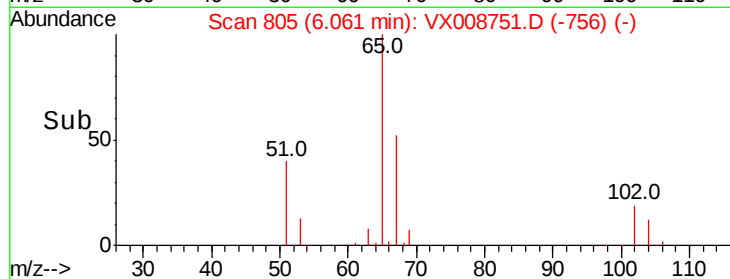
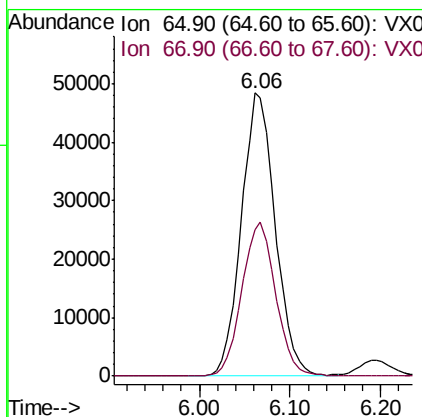
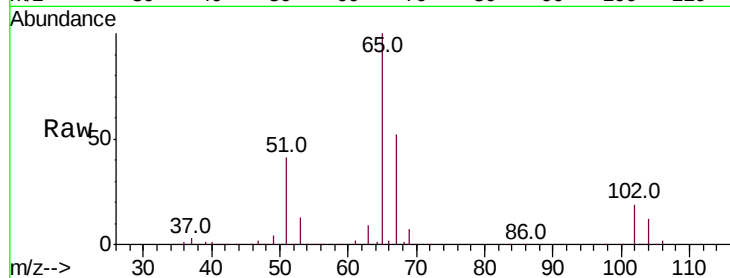
#33
 1,2-Dichloroethane-d4
 Concen: 51.768 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.2

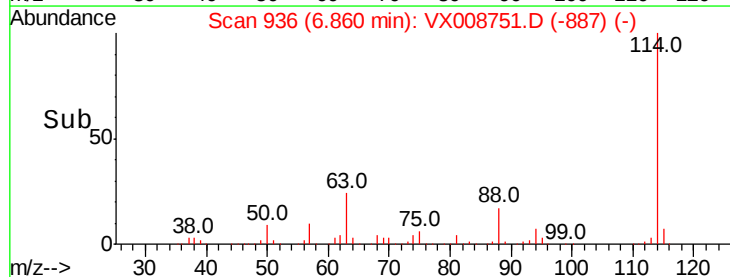
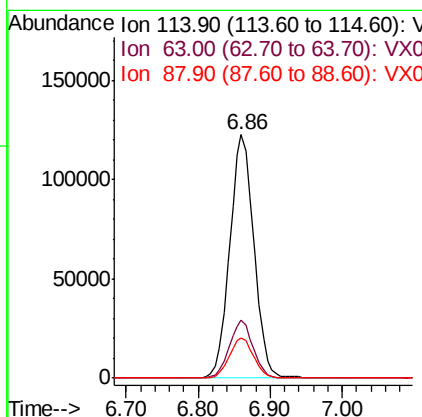
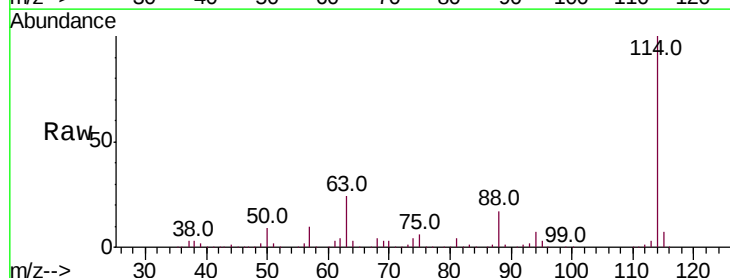
Manual Integrations
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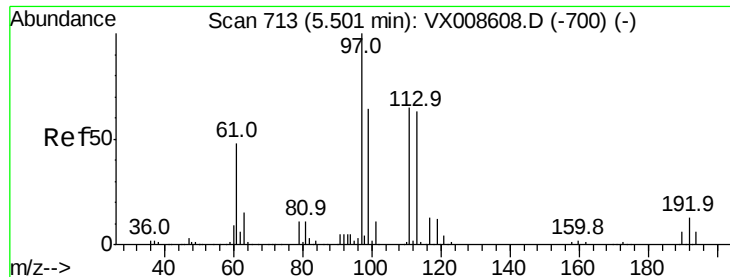
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	47.2
88	16.7	0.0	34.0





#35

Dibromofluoromethane

Concen: 51.012 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

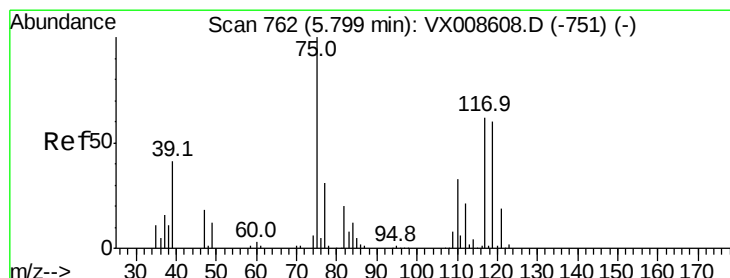
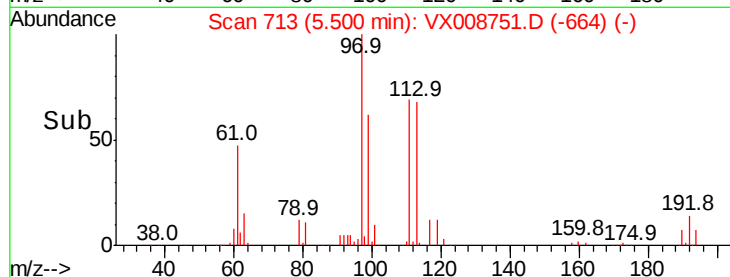
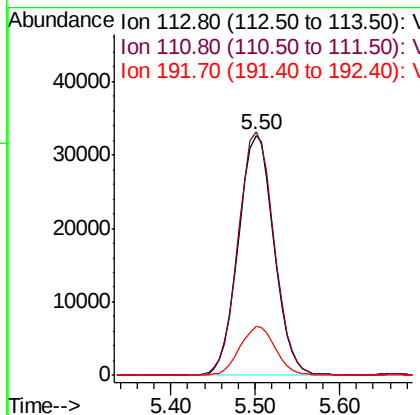
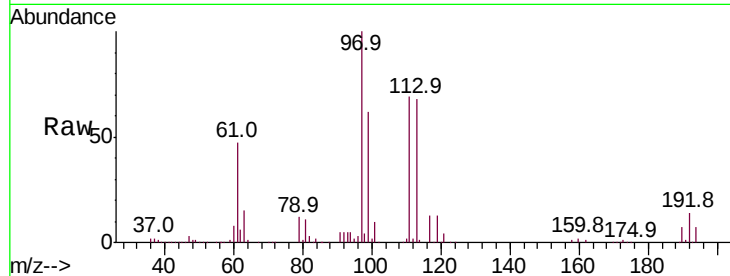
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	113	Resp:	93541
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.4	125.2
192	20.4	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 43.660 ug/l

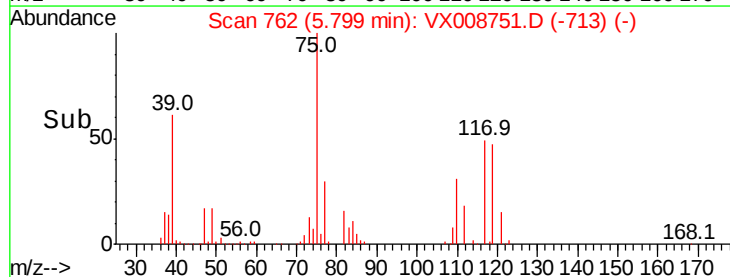
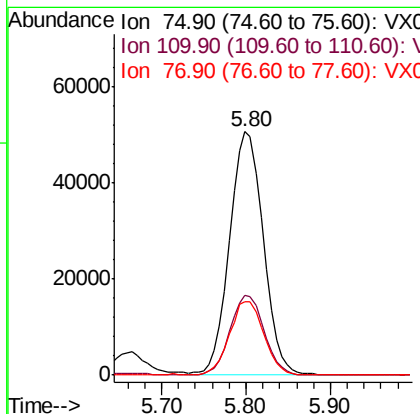
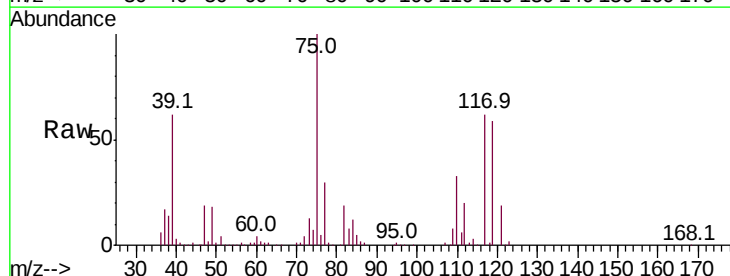
RT: 5.80 min Scan# 762

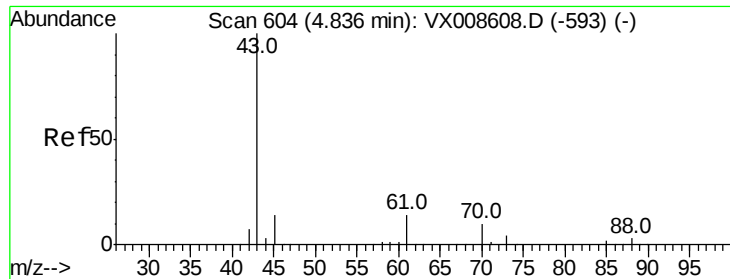
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	75	Resp:	136876
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.4	49.2
77	30.8	24.7	37.1





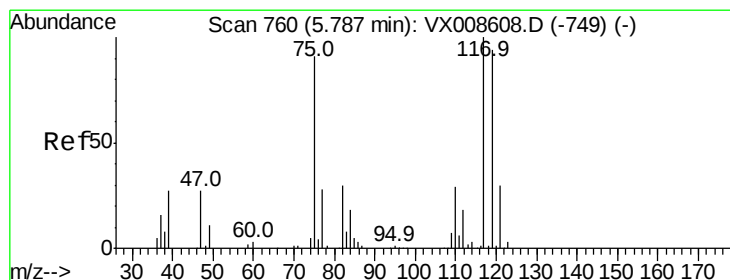
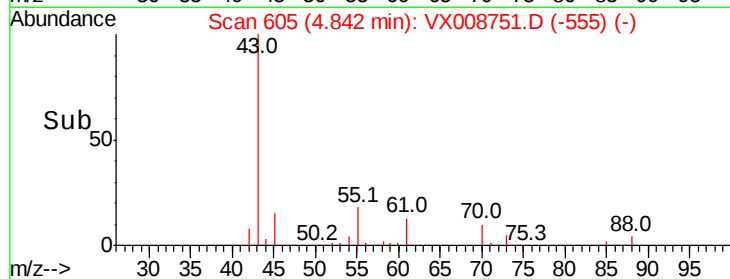
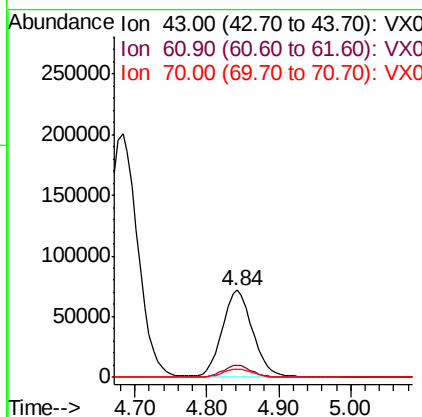
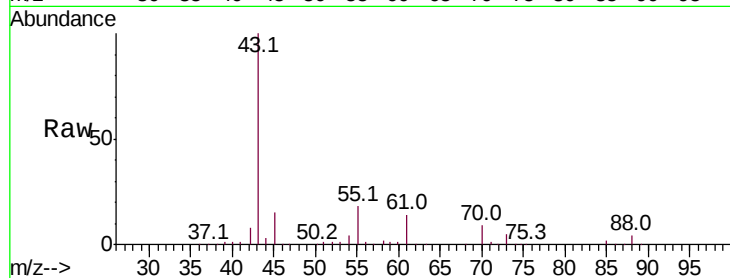
#37
Ethyl Acetate
Concen: 50.398 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.3	15.5
70	9.7	7.6	11.4

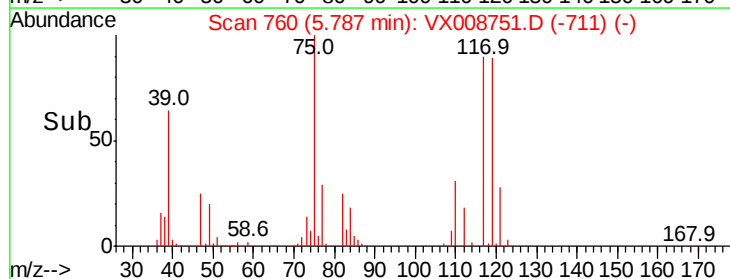
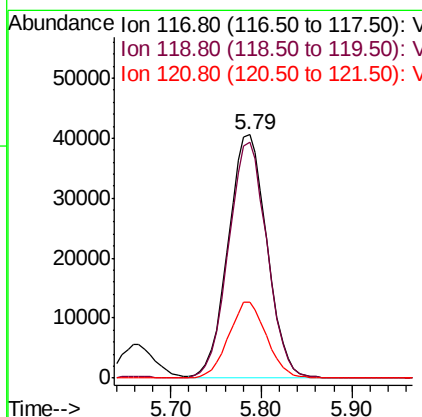
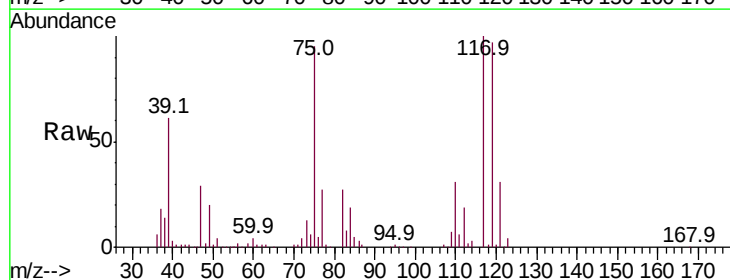
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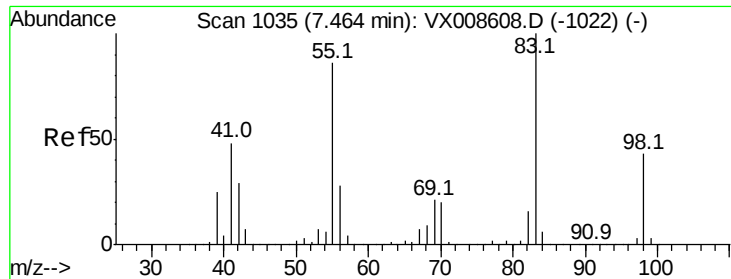
MMDadoda
4/9/2019 1:50:11 PM



#38
Carbon Tetrachloride
Concen: 46.398 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.0	112.6
121	31.1	24.3	36.5





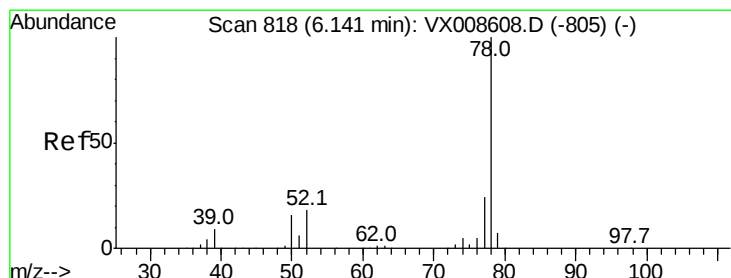
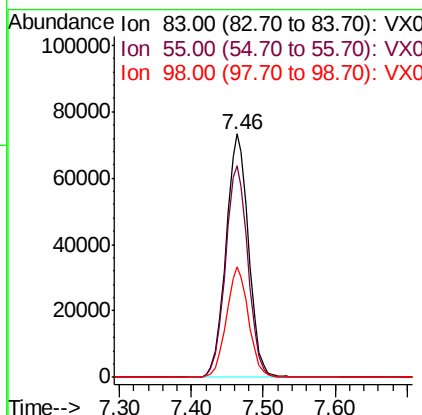
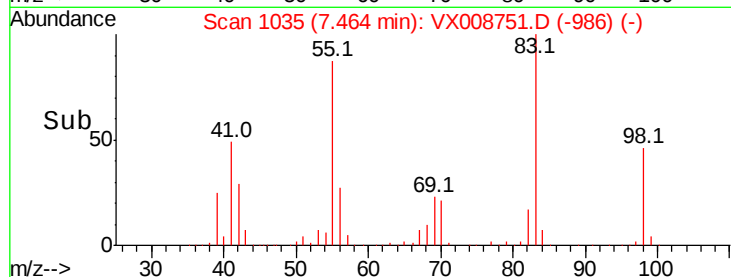
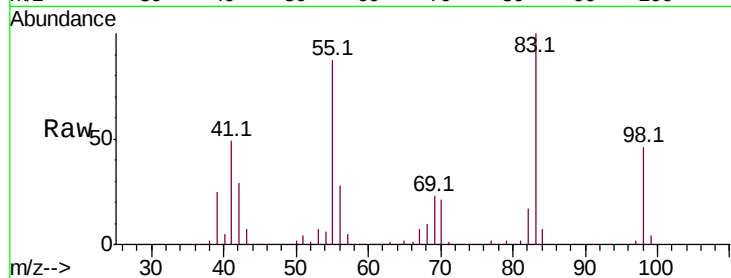
#39
Methvlcvclohexane
Concen: 41.261 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	87.1	69.0	103.6	
98	45.6	34.4	51.6	

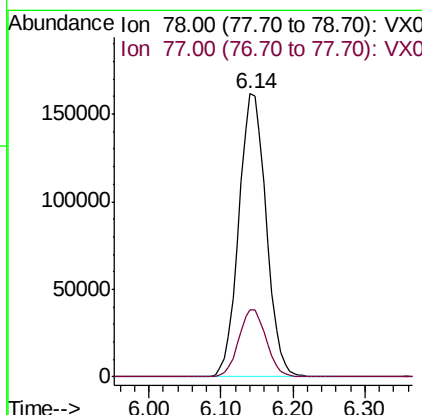
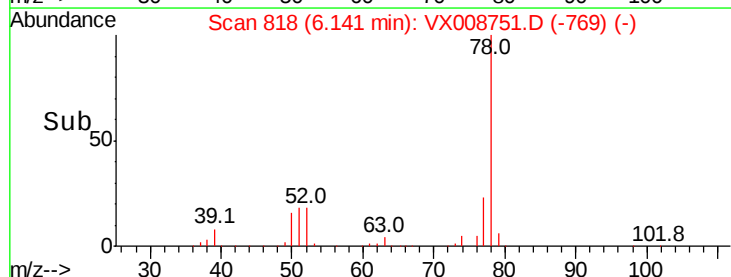
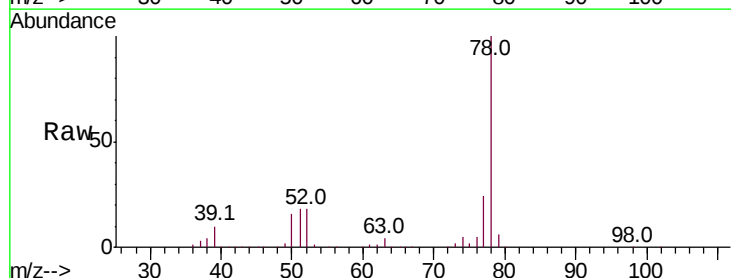
Manual Integrations
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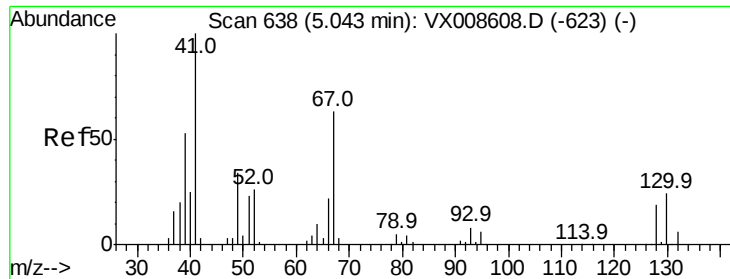
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4/9/2019 1:50:11 PM



#40
Benzene
Concen: 45.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	19.1	28.7	





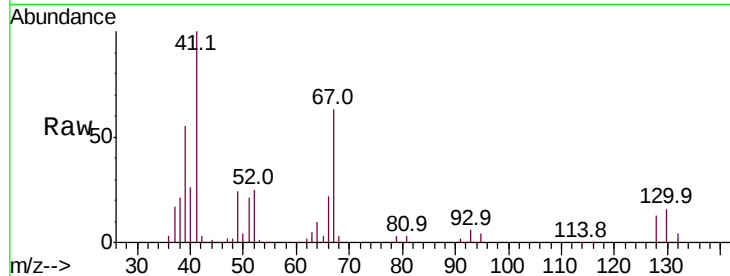
#41
Methacrylonitrile
Concen: 49.379 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.1	63.1	
67	63.6	51.0	76.6	
52	25.8	21.4	32.0	

Manual Integrations
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4/9/2019 1:50:11 PM



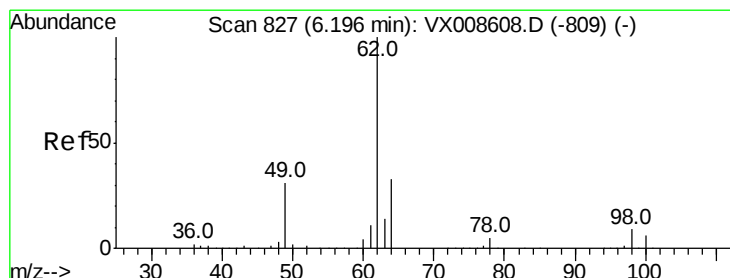
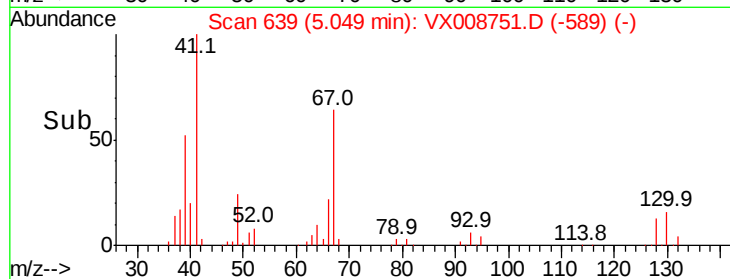
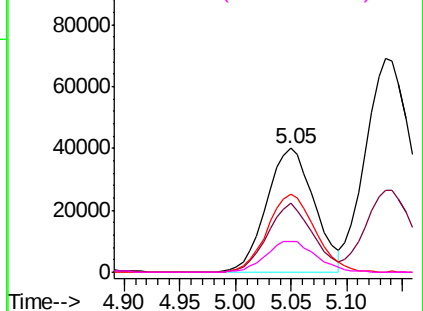
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

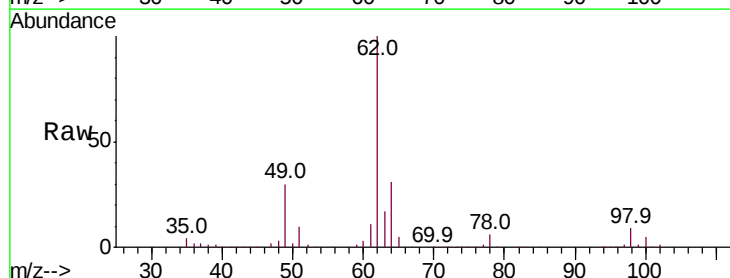
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 46.155 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

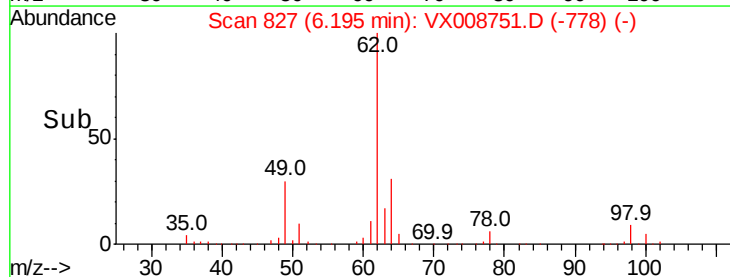
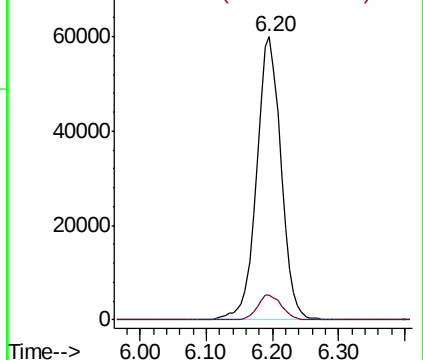
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.0	

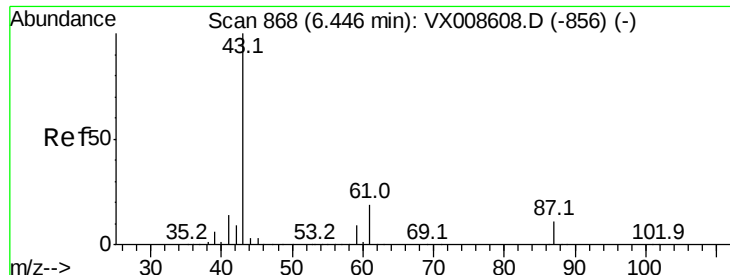


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.332 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

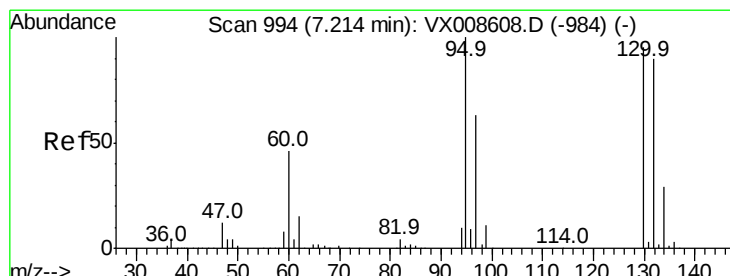
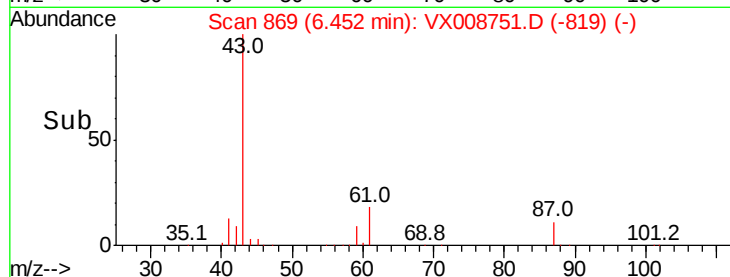
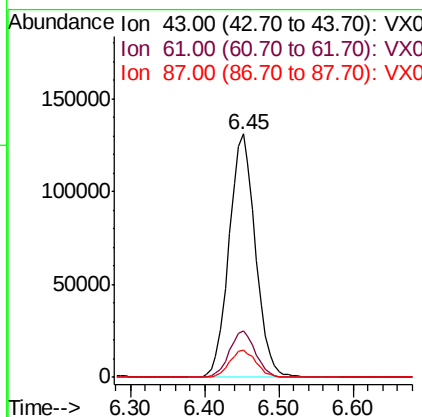
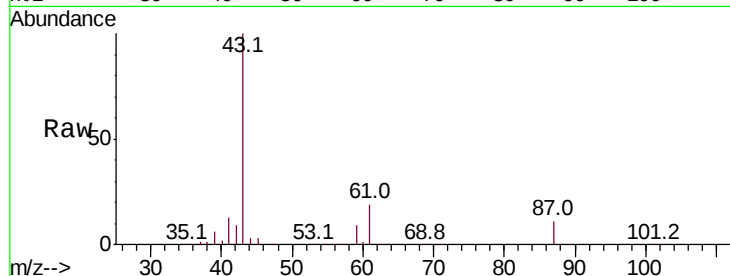
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	43	Resp:	323385
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.3	22.9
87	11.3	9.0	13.6

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#44

Trichloroethene

Concen: 45.001 ug/l

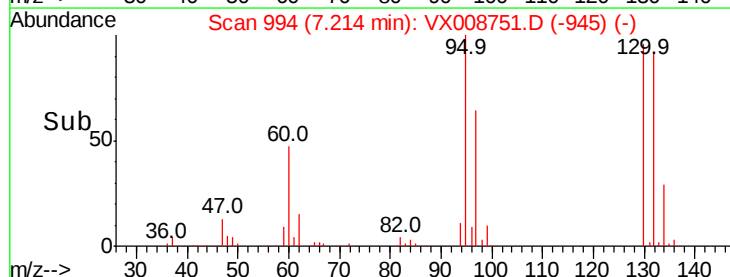
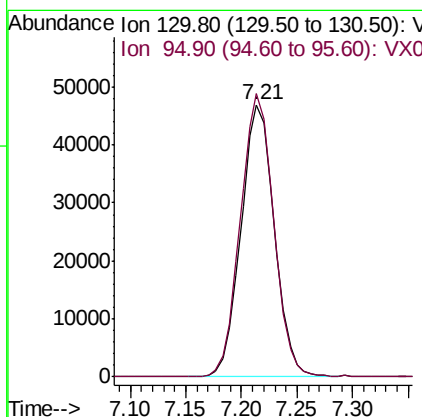
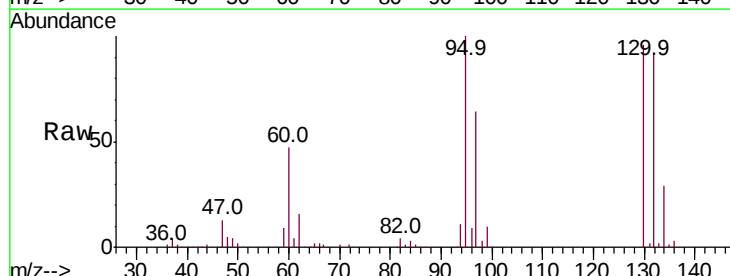
RT: 7.21 min Scan# 994

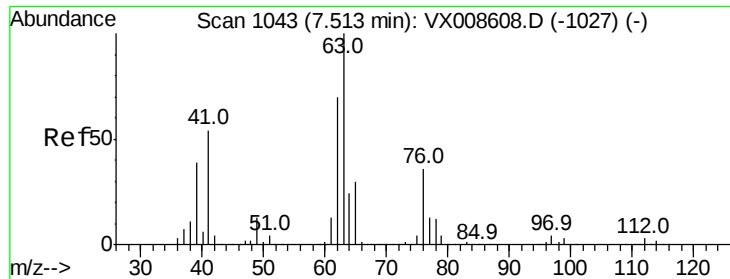
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	130	Resp:	97890
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	209.8





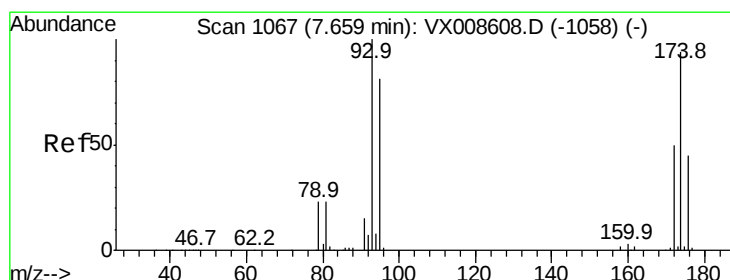
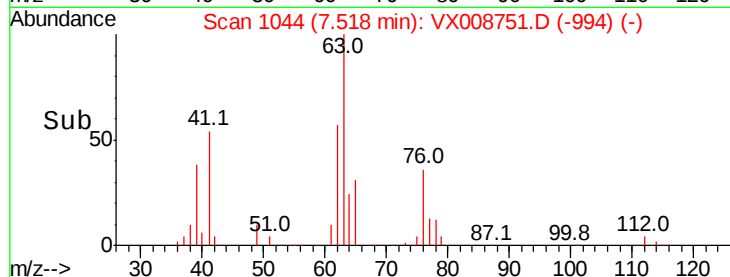
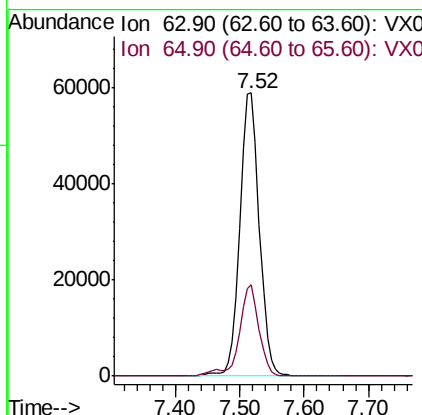
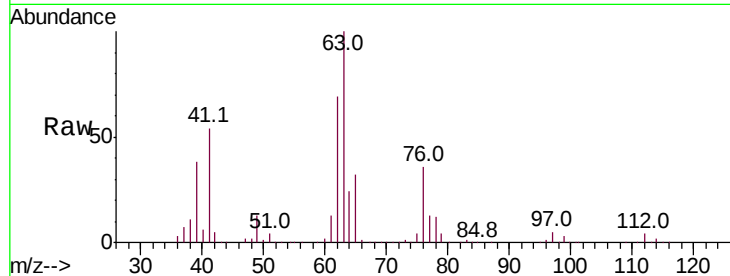
#45
 1,2-Dichloropropane
 Concen: 46.481 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.2	36.4

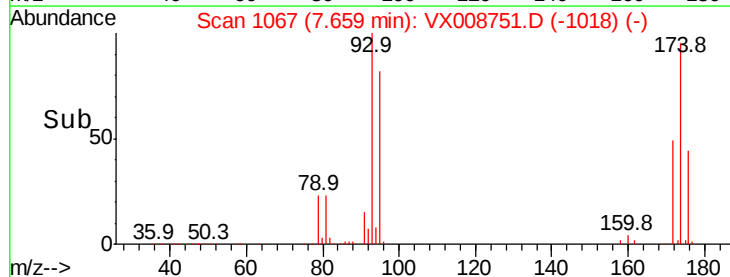
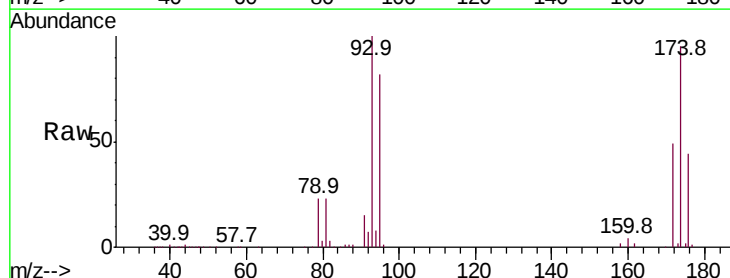
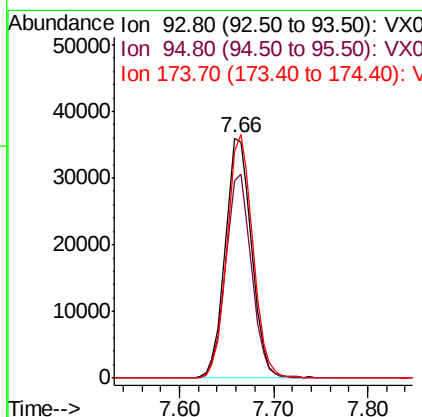
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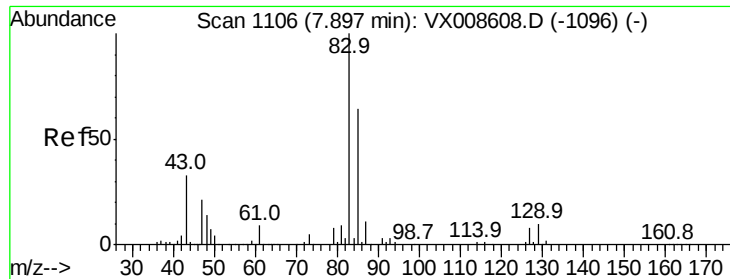
MMDadoda
 4/9/2019 1:50:11 PM



#46
 Dibromomethane
 Concen: 45.221 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.6	99.8
174	99.3	77.7	116.5





#47

Bromodichloromethane

Concen: 47.876 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

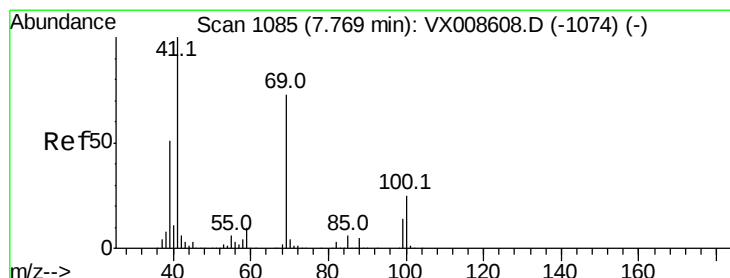
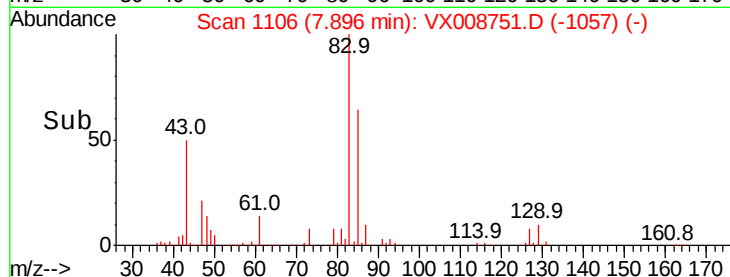
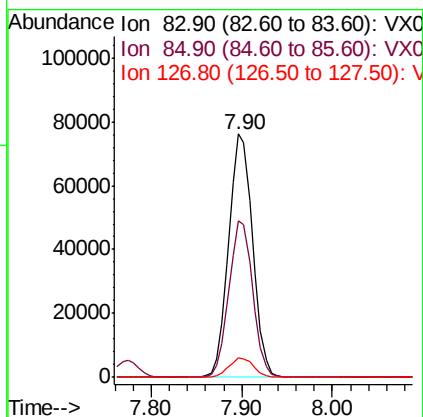
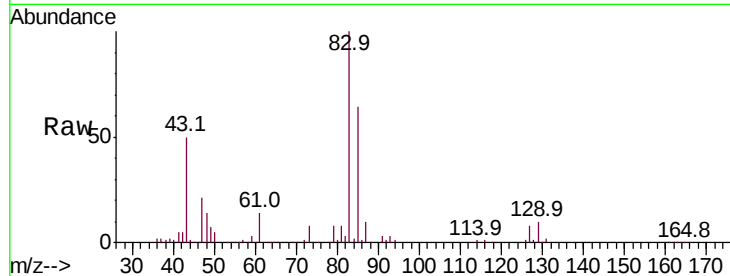
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	83	Resp:	139567
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.2	76.8
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.164 ug/l

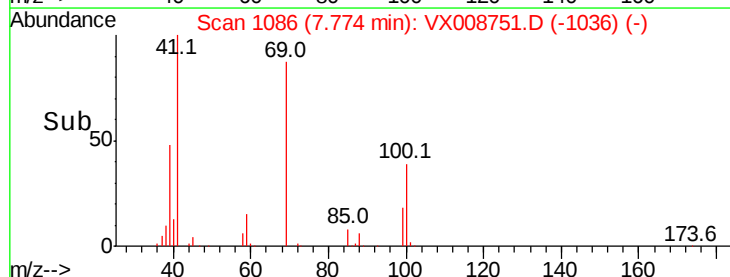
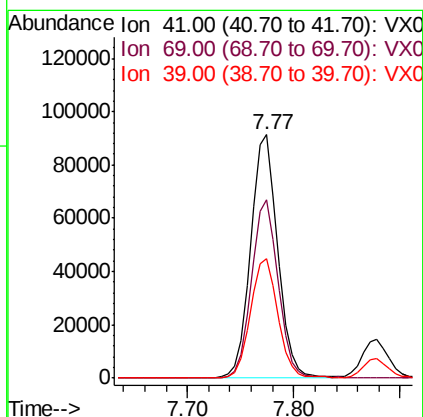
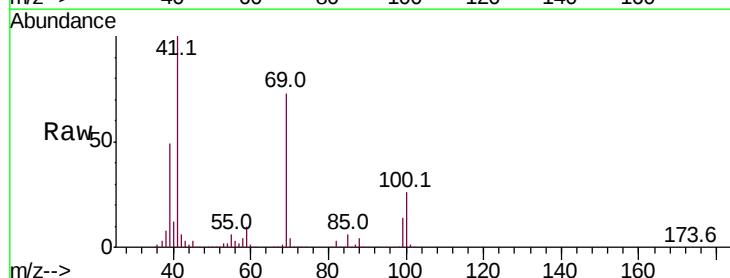
RT: 7.77 min Scan# 1086

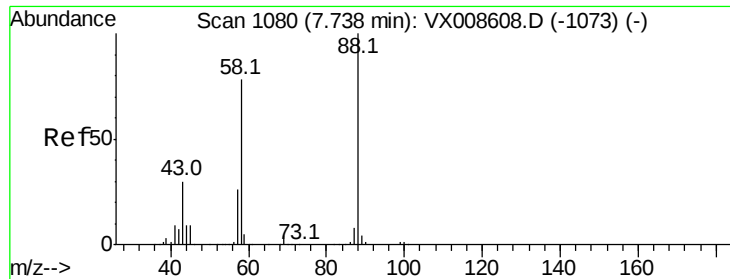
Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	41	Resp:	163028
Ion Ratio	Lower	Upper	
41	100		
69	72.8	59.0	88.4
39	50.1	41.0	61.4





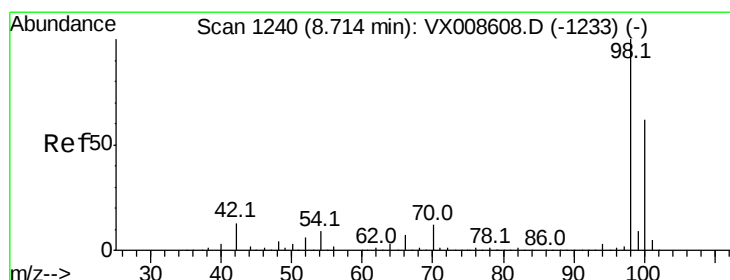
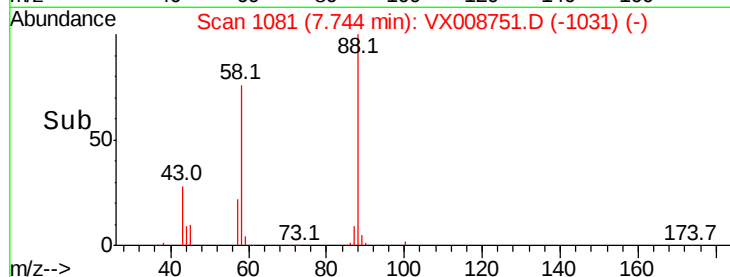
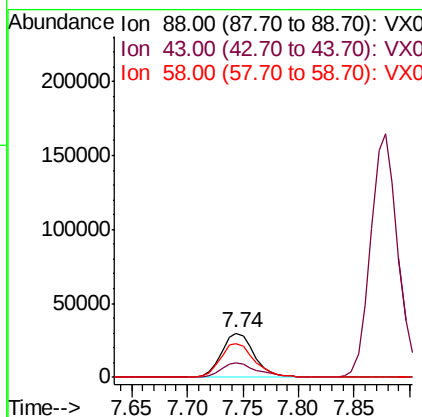
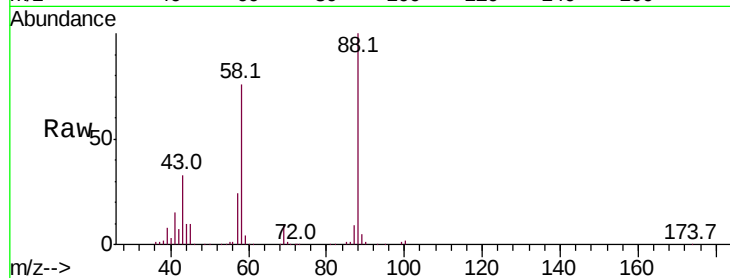
#49
1,4-Dioxane
Concen: 988.737 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	43.0
58	79.5	62.2	93.2

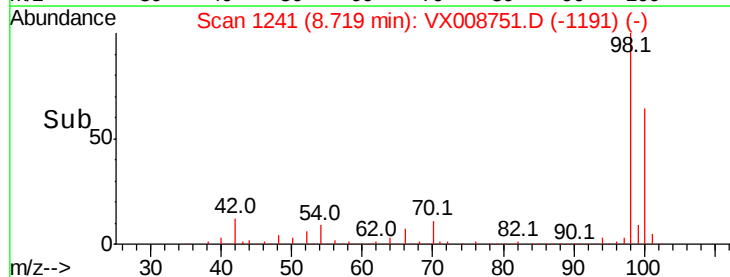
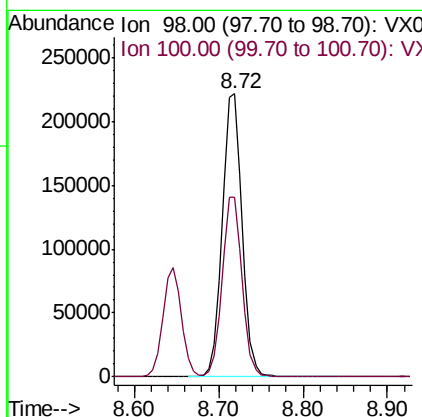
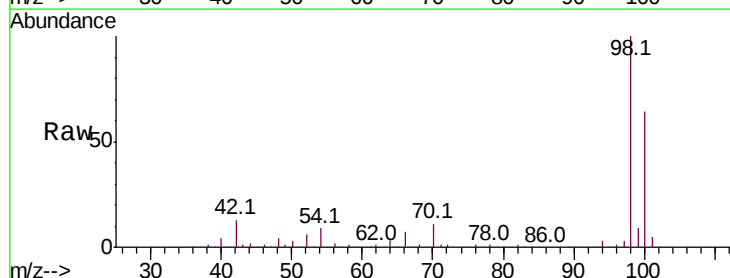
Manual Integrations
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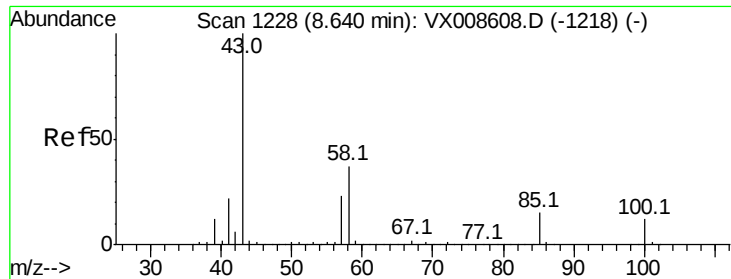
MMDadoda
4/9/2019 1:50:11 PM



#50
Toluene-d8
Concen: 49.364 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 252.921 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 43 Resp: 1067291

Ion Ratio Lower Upper

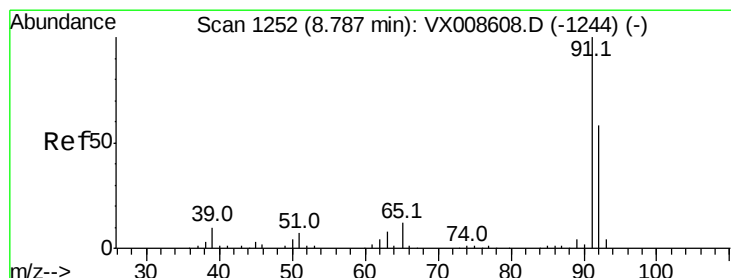
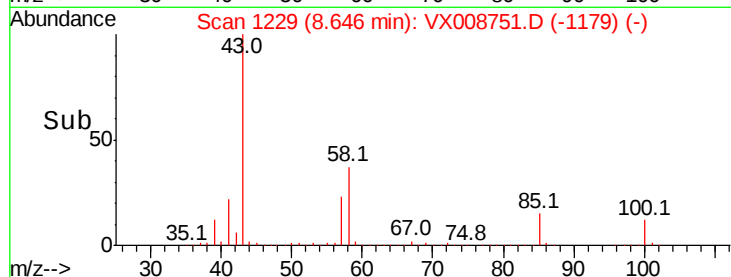
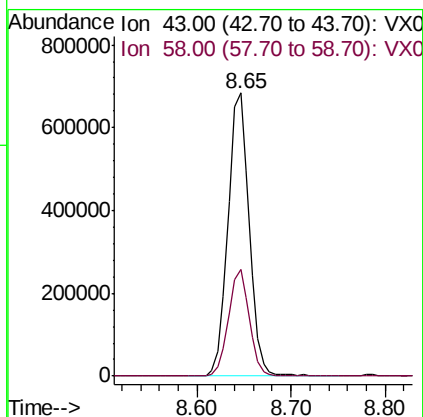
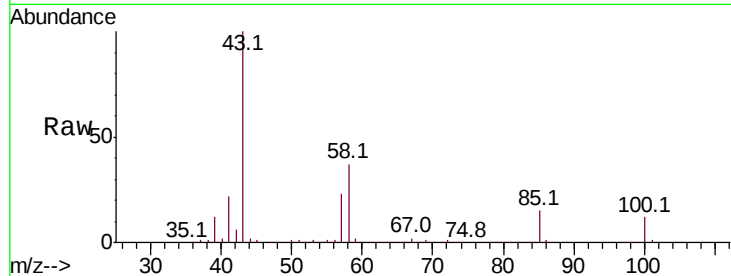
43 100

58 36.9 29.5 44.3

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#52

Toluene

Concen: 45.349 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008751.D

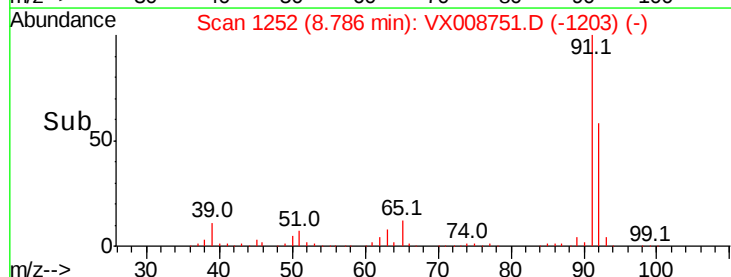
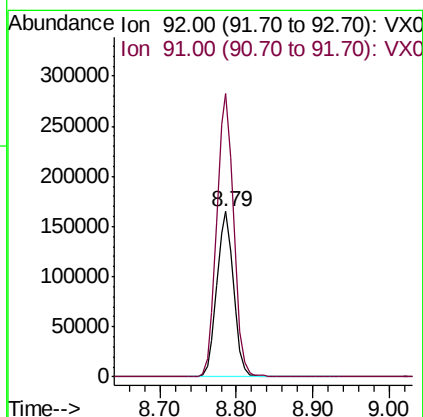
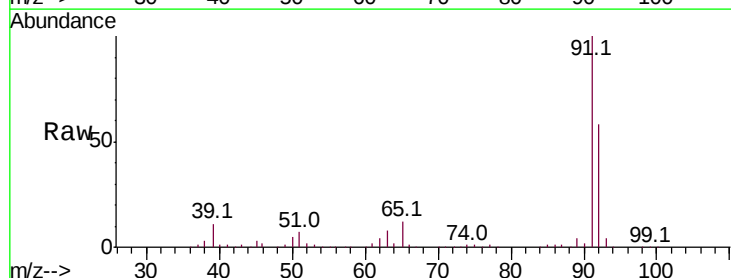
Acq: 08 Apr 2019 17:35

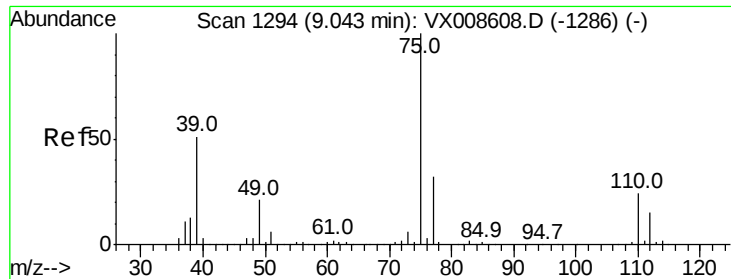
Tgt Ion: 92 Resp: 249702

Ion Ratio Lower Upper

92 100

91 173.7 138.5 207.7





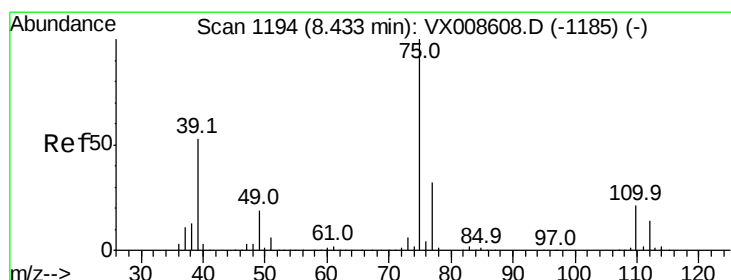
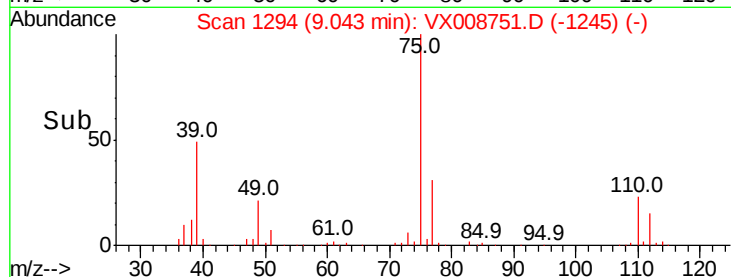
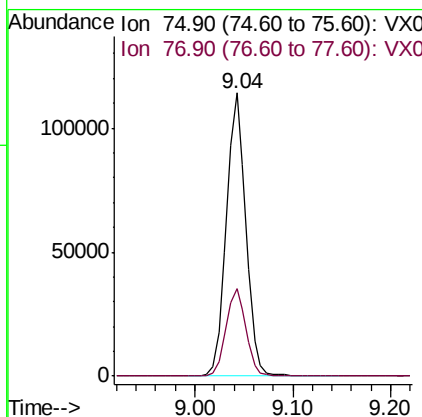
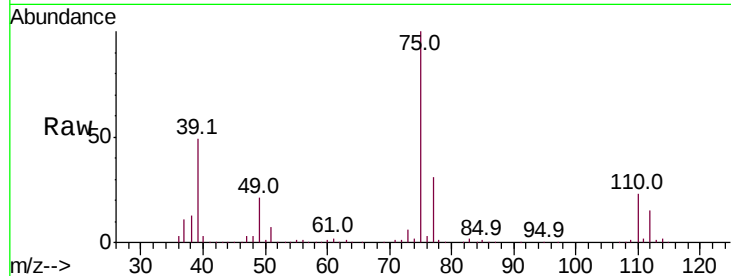
#53
 t-1,3-Dichloropropene
 Concen: 48.199 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion: 75 Resp: 157394
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8

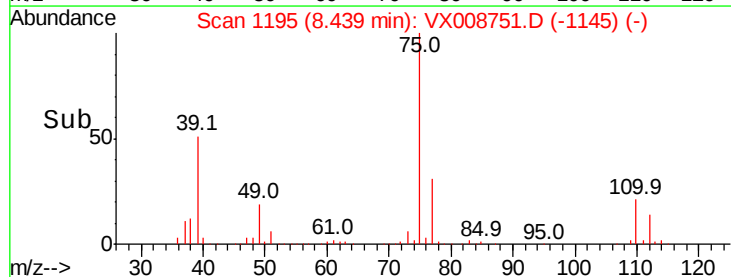
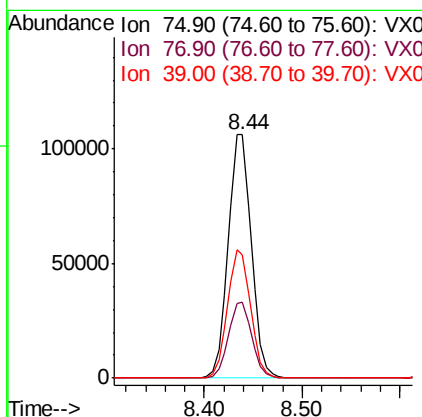
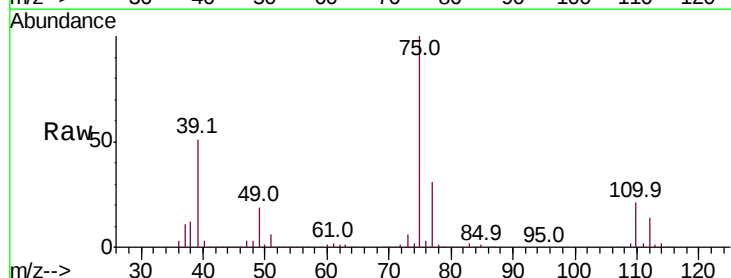
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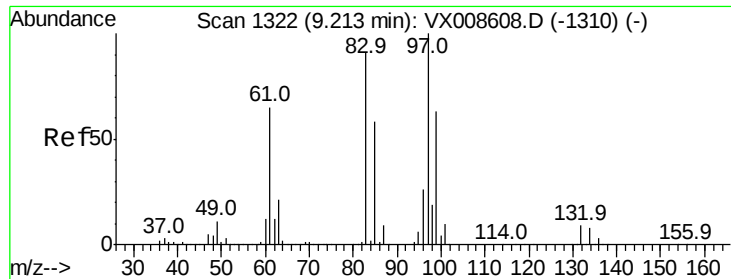
MMDadoda
 4/9/2019 1:50:11 PM



#54
 cis-1,3-Dichloropropene
 Concen: 46.825 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion: 75 Resp: 174716
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 50.7 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 47.089 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

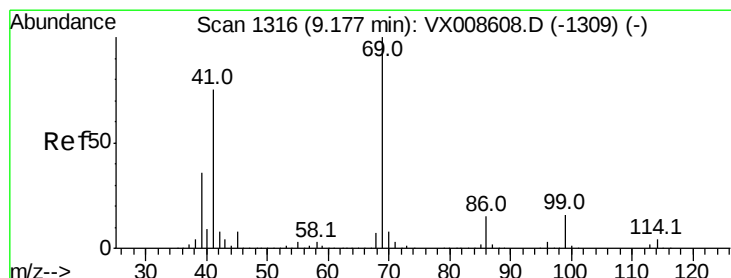
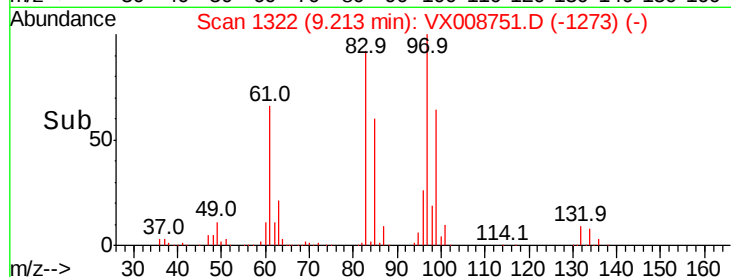
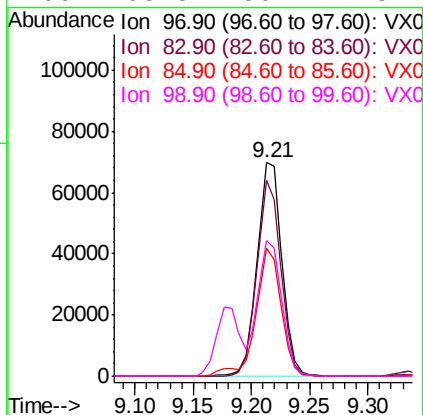
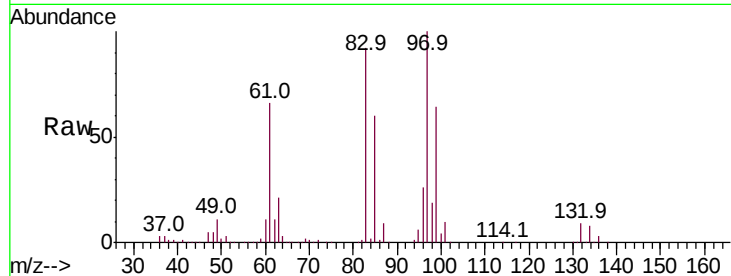
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	97	Resp:	104079
Ion	Ratio	Lower	Upper
97	100		
83	91.9	73.2	109.8
85	59.9	46.6	69.8
99	63.8	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 48.077 ug/l

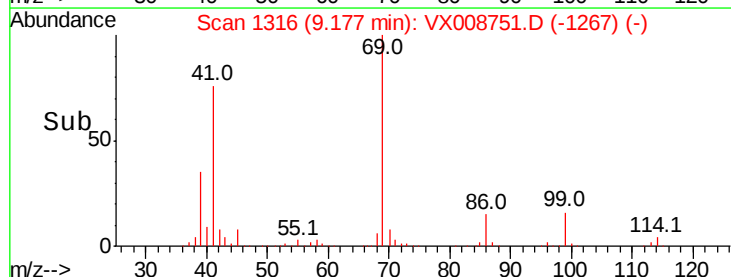
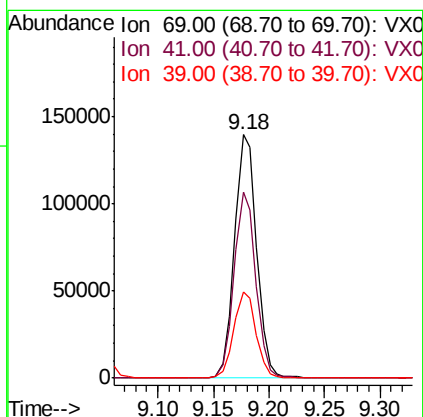
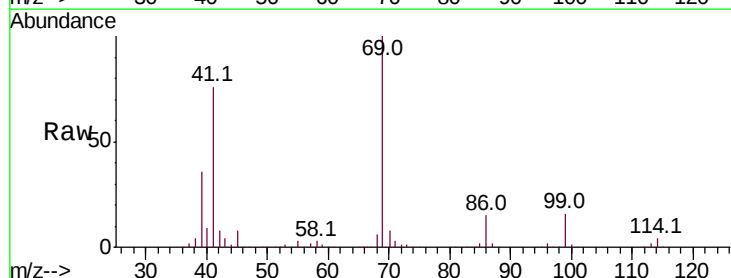
RT: 9.18 min Scan# 1316

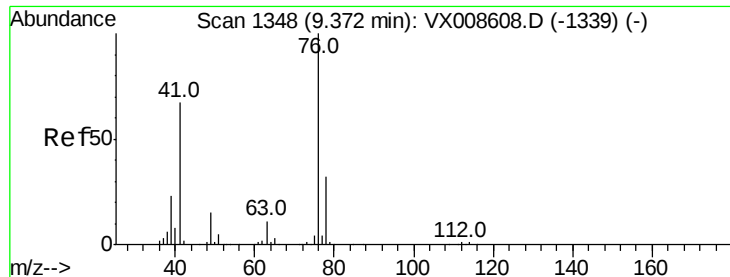
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	69	Resp:	192263
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.1	90.1
39	35.3	28.9	43.3





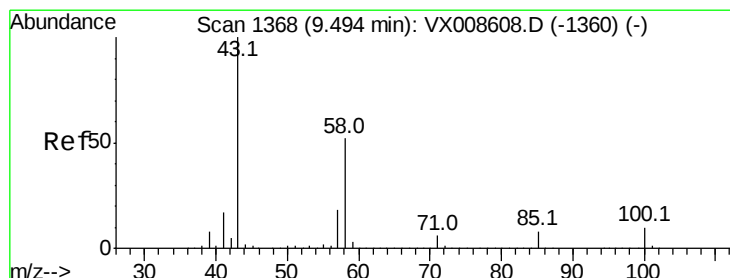
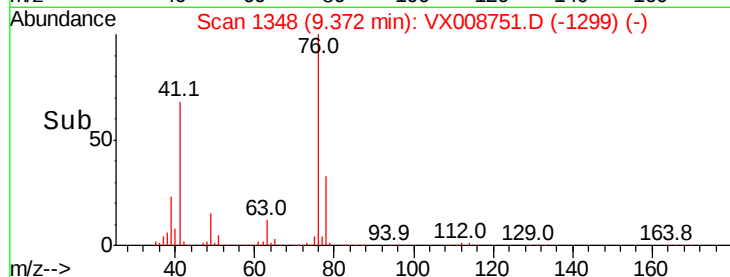
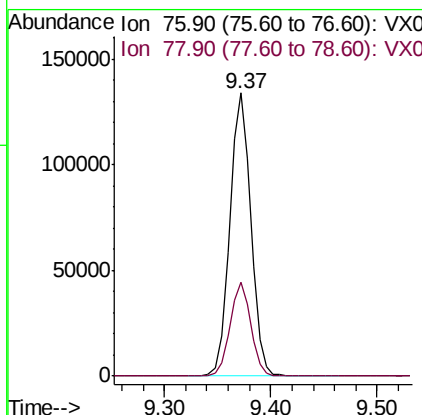
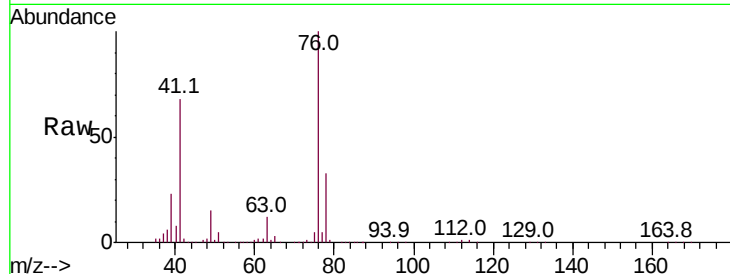
#57
 1,3-Dichloropropane
 Concen: 46.854 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4

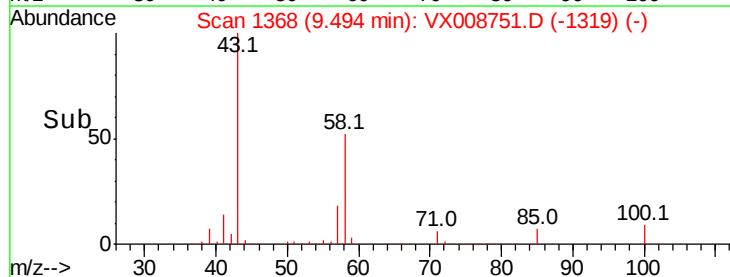
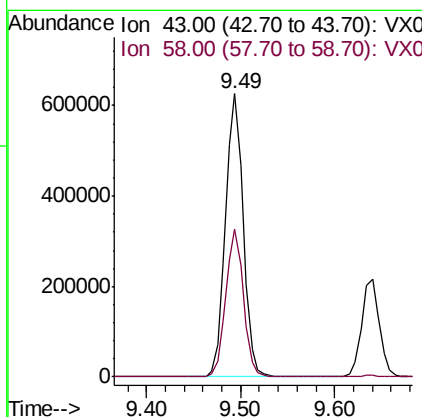
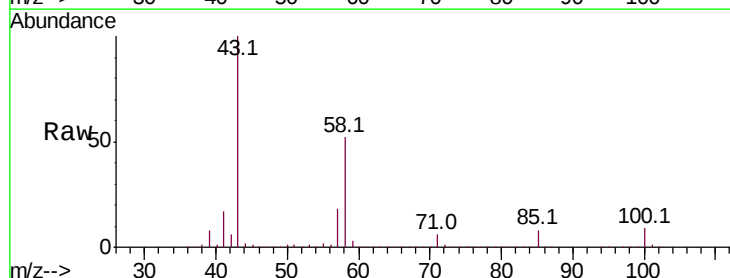
Manual Integrations
 APPROVED

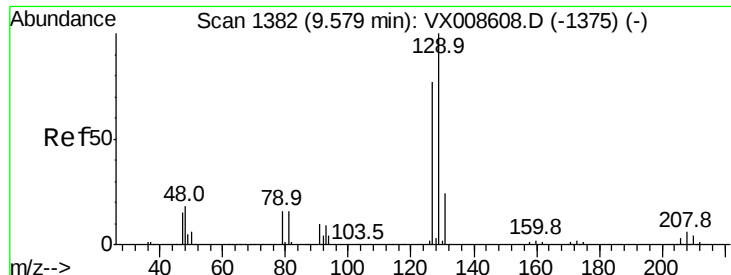
MMDadoda
 4/9/2019 1:50:11 PM



#59
 2-Hexanone
 Concen: 250.748 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.9	77.7





#60

Dibromochloromethane

Concen: 49.018 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:129 Resp: 102093

Ion Ratio Lower Upper

129 100

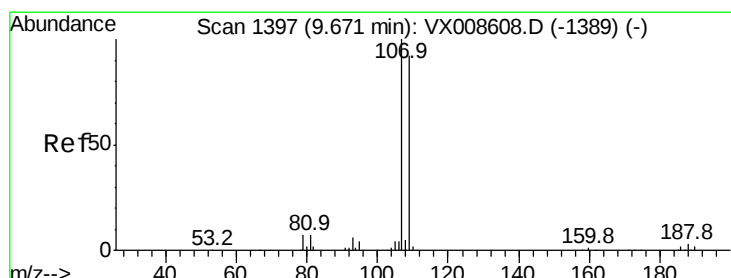
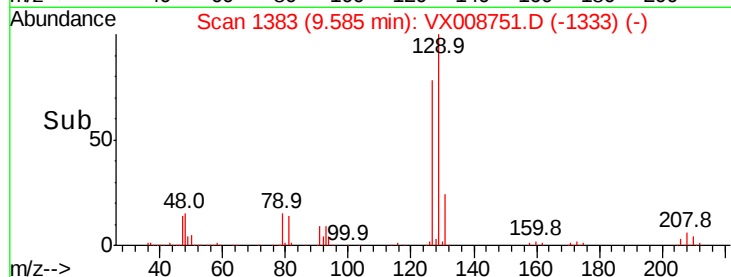
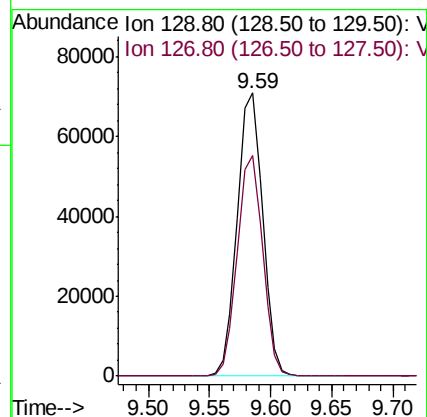
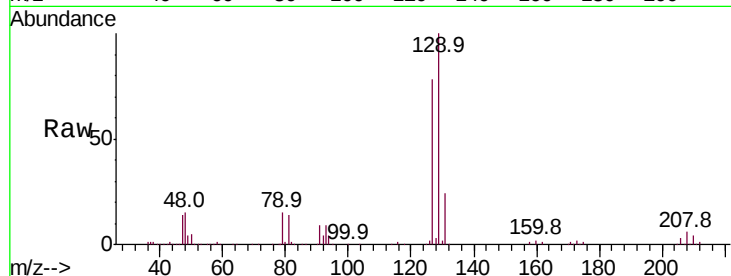
127 77.7 38.5 115.3

Manual Integrations

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4/9/2019 1:50:11 PM



#61

1,2-Dibromoethane

Concen: 46.812 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008751.D

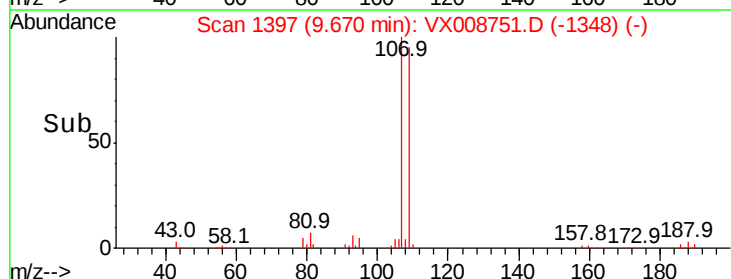
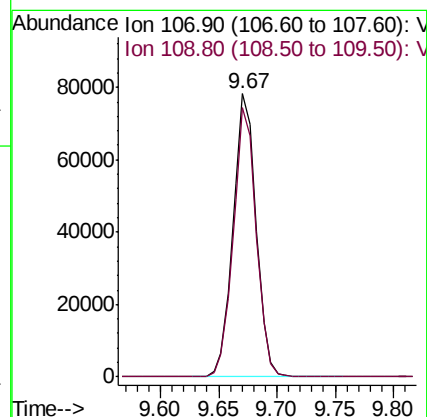
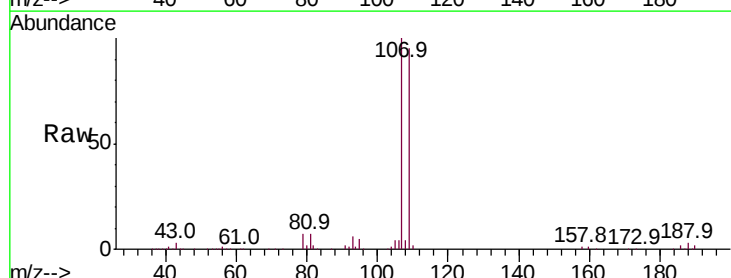
Acq: 08 Apr 2019 17:35

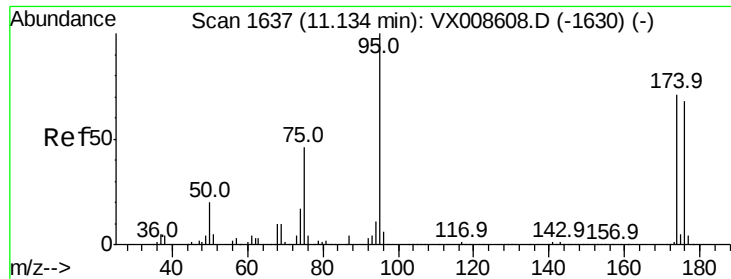
Tgt Ion:107 Resp: 107712

Ion Ratio Lower Upper

107 100

109 94.6 74.1 111.1





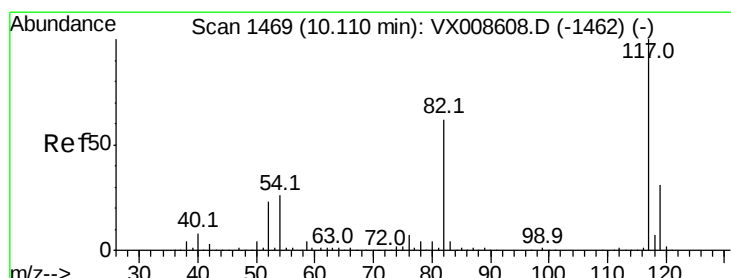
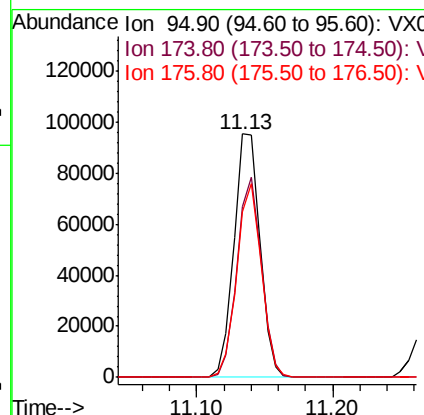
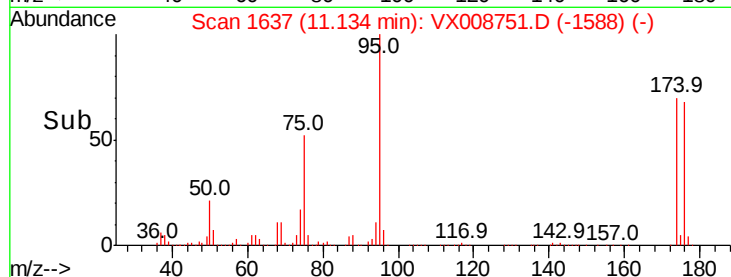
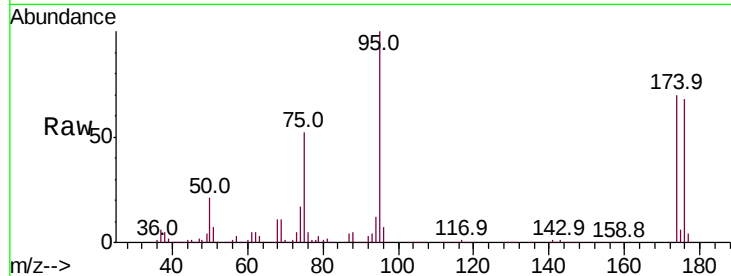
#62
4-Bromofluorobenzene
Concen: 49.125 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	127193		
174	77.4	0.0	151.8	
176	75.3	0.0	145.8	

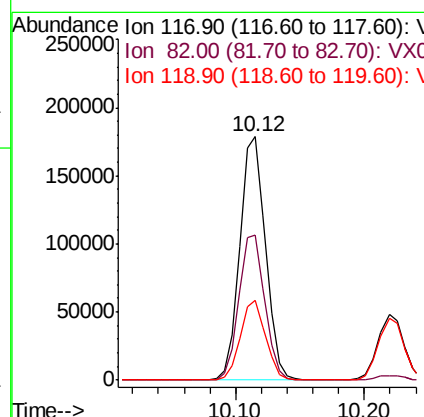
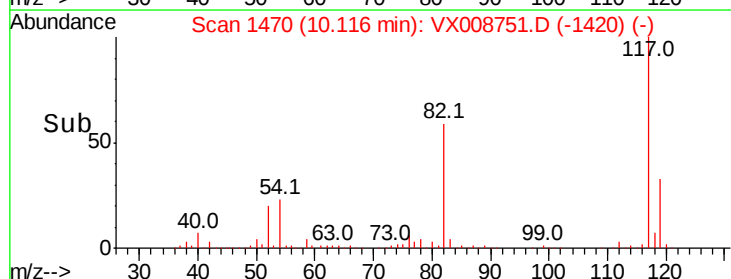
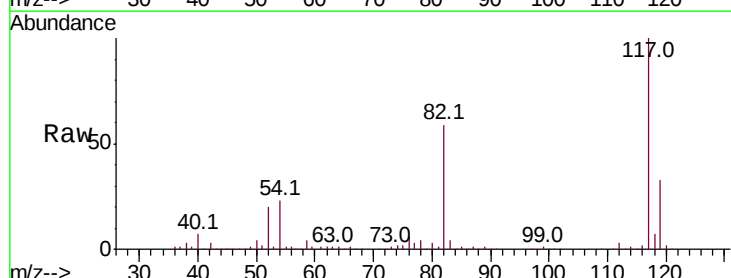
Manual Integrations
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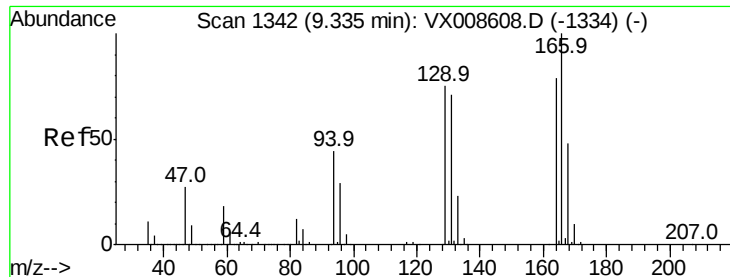
MMDadoda
4/9/2019 1:50:11 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	248025		
82	59.5	49.6	74.4	
119	32.8	25.0	37.4	





#64

Tetrachloroethene

Concen: 48.246 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:164 Resp: 88657

Ion Ratio Lower Upper

164 100

166 128.4 101.0 151.6

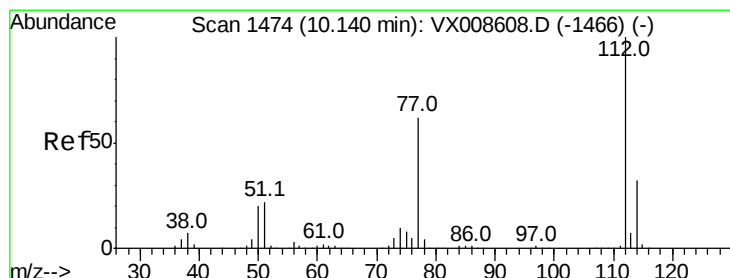
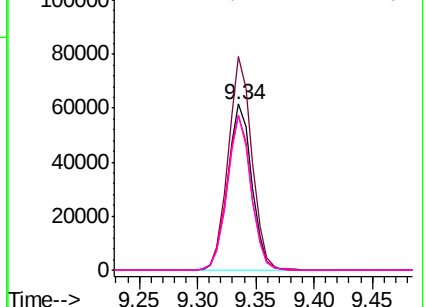
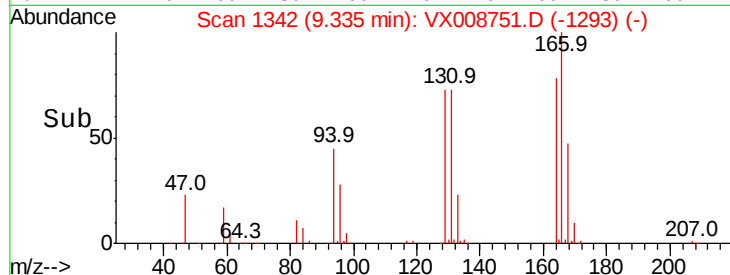
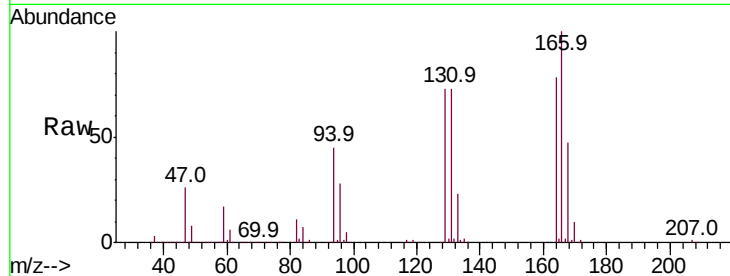
129 93.4 75.8 113.8

131 93.5 71.8 107.8

Manual Integrations
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4/9/2019 1:50:11 PM



#65

Chlorobenzene

Concen: 45.665 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008751.D

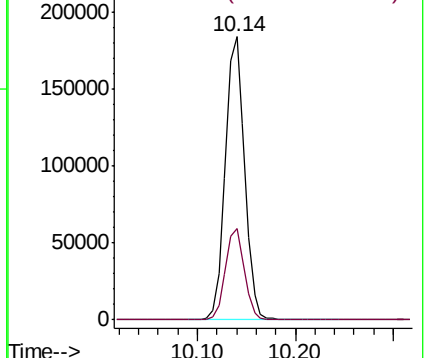
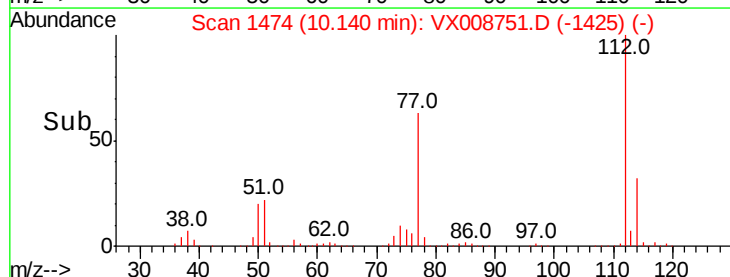
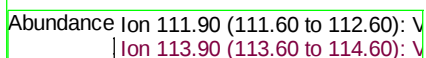
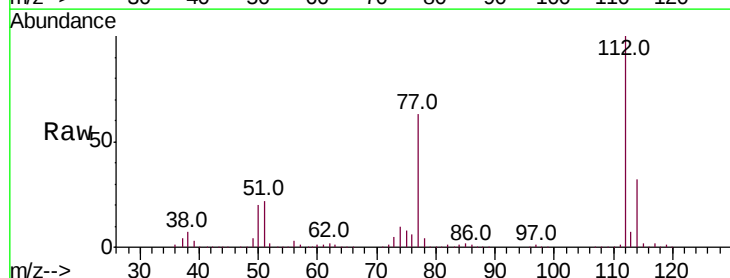
Acq: 08 Apr 2019 17:35

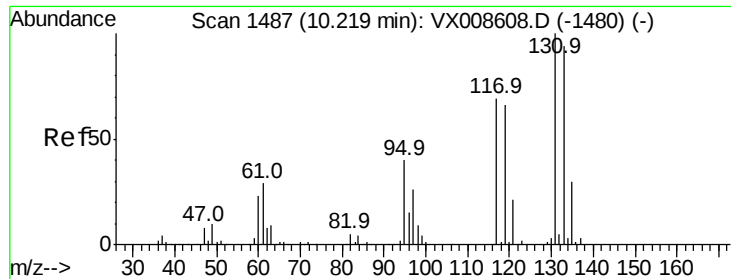
Tgt Ion:112 Resp: 251061

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 48.760 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:131 Resp: 94047

Ion Ratio Lower Upper

131 100

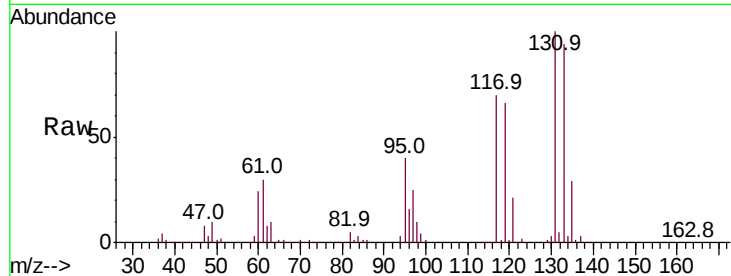
133 95.4 47.0 141.2

119 66.8 33.7 101.0

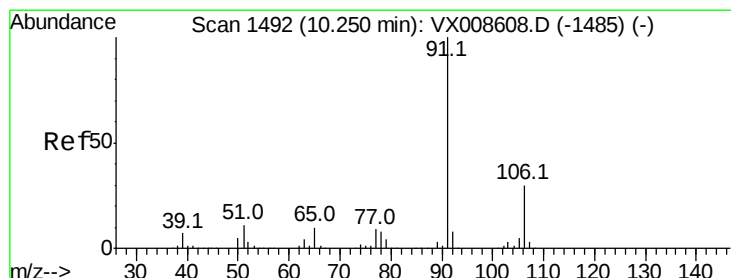
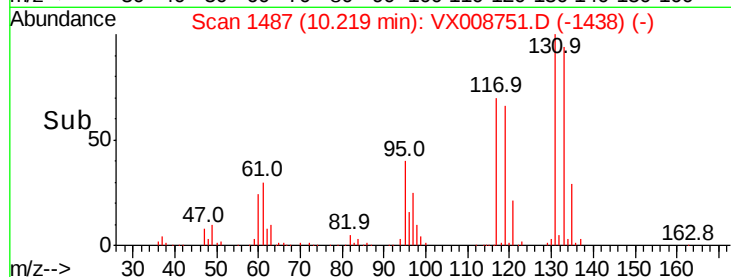
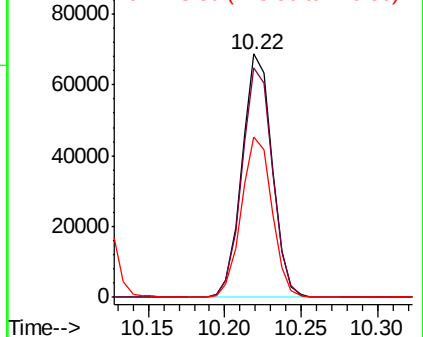
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 45.719 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008751.D

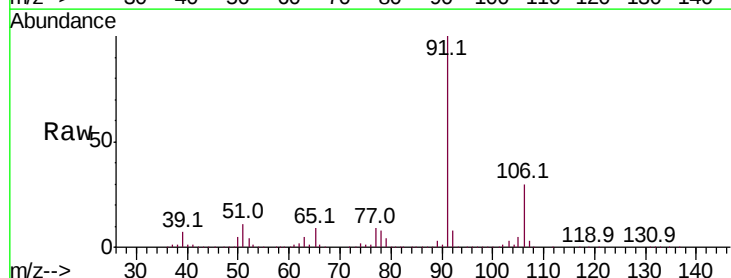
Acq: 08 Apr 2019 17:35

Tgt Ion: 91 Resp: 468708

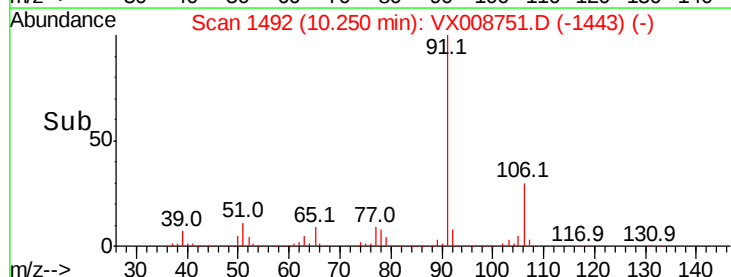
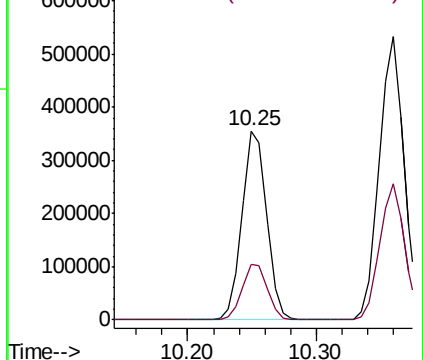
Ion Ratio Lower Upper

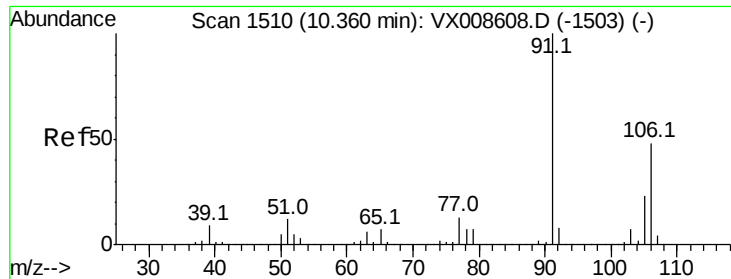
91 100

106 29.6 23.7 35.5



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





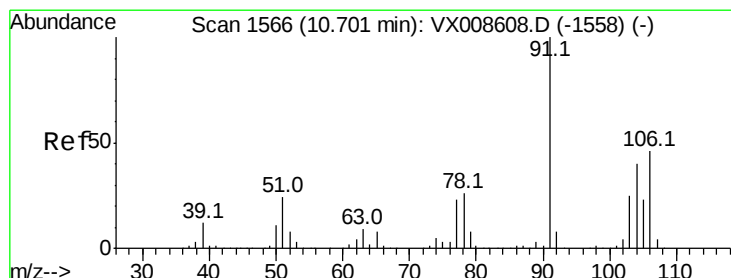
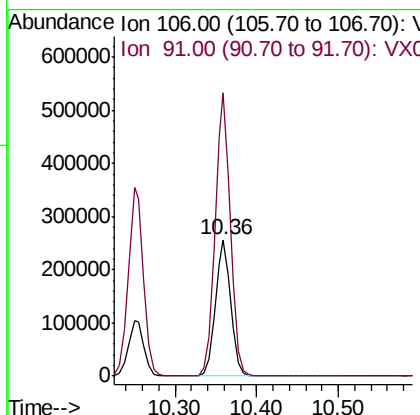
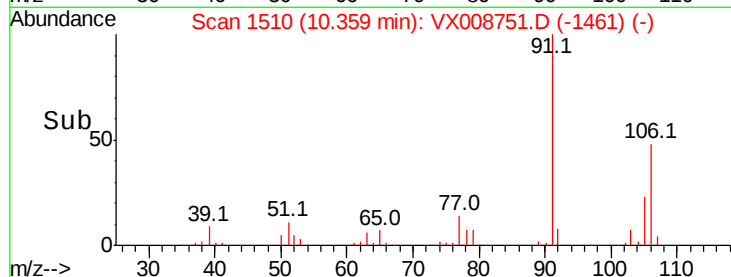
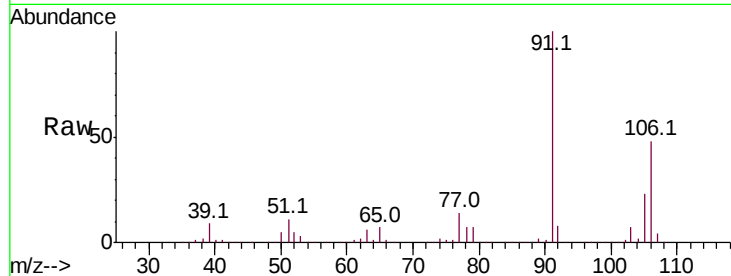
#68
m/p-Xylenes
Concen: 92.441 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:106 Resp: 340746
Ion Ratio Lower Upper
106 100
91 206.9 168.5 252.7

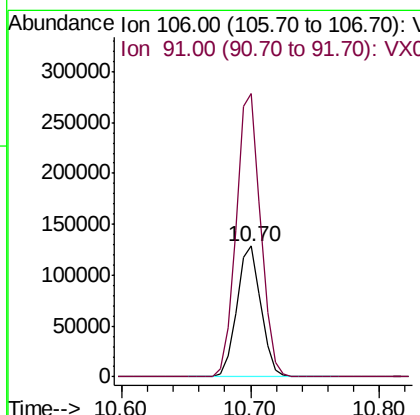
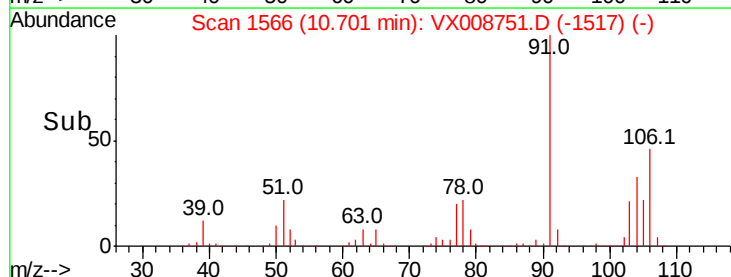
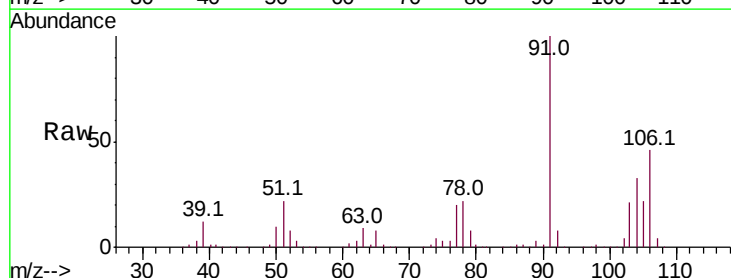
Manual Integrations
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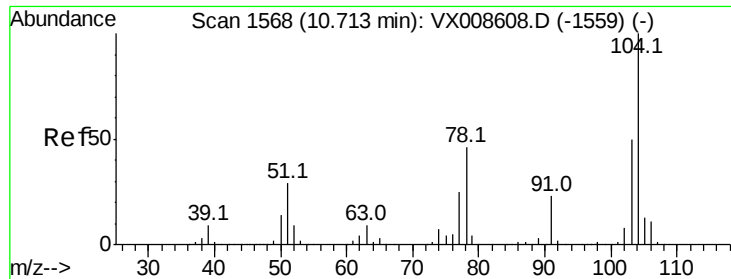
MMDadoda
4/9/2019 1:50:11 PM



#69
o-Xylene
Concen: 46.553 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion:106 Resp: 166297
Ion Ratio Lower Upper
106 100
91 220.2 111.5 334.4





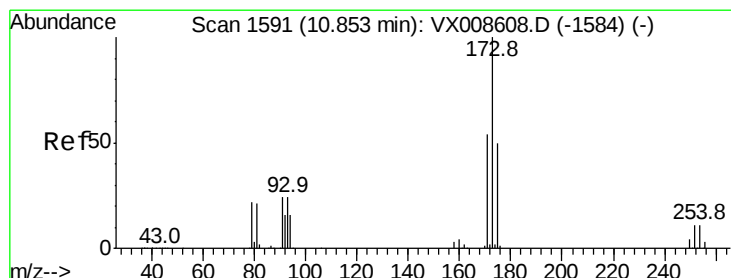
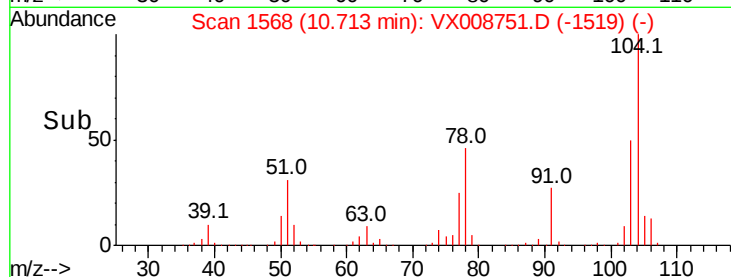
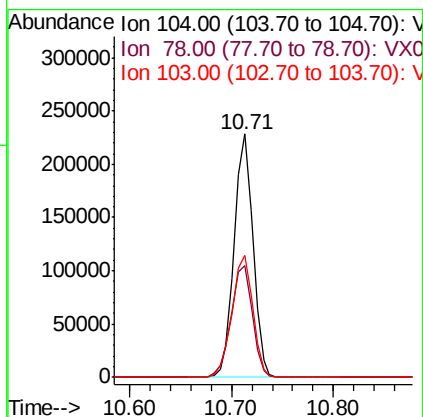
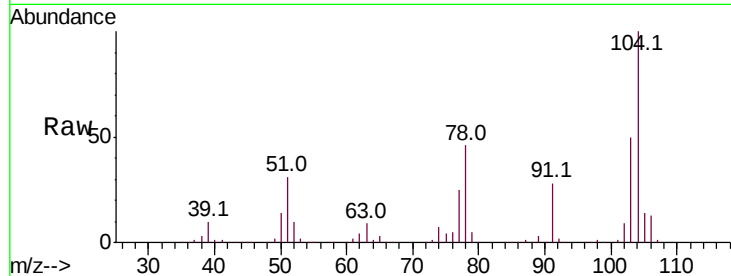
#70
Stvrene
Concen: 47.089 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	42.3	63.5
103	55.2	44.4	66.6

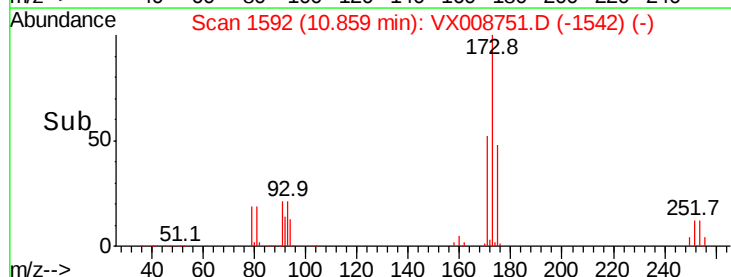
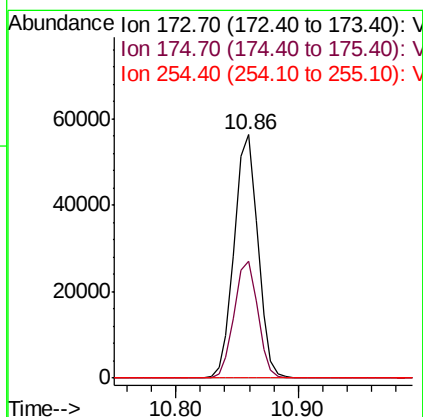
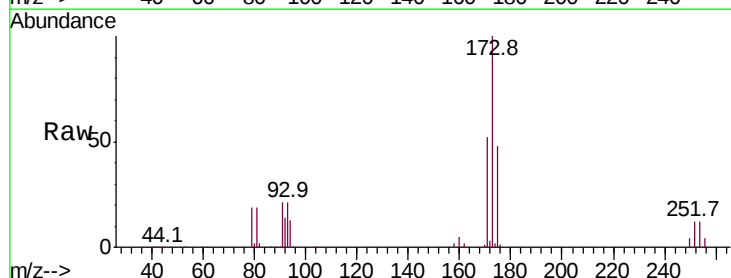
Manual Integrations
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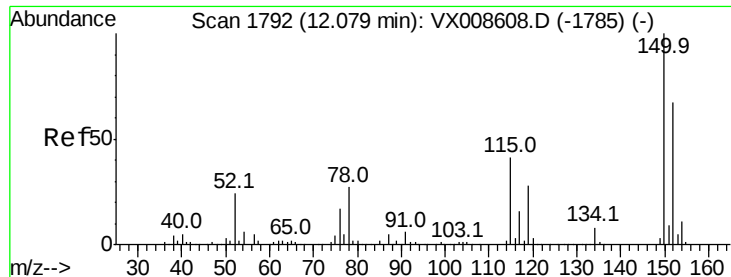
MMDadoda
4/9/2019 1:50:11 PM



#71
Bromoform
Concen: 50.999 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.6
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:152 Resp: 114742

Ion Ratio Lower Upper

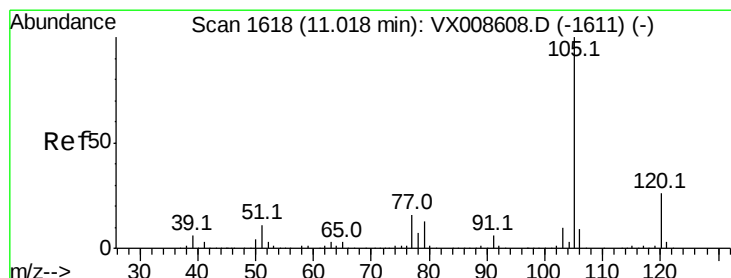
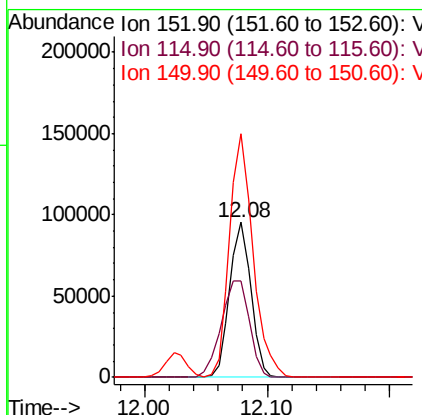
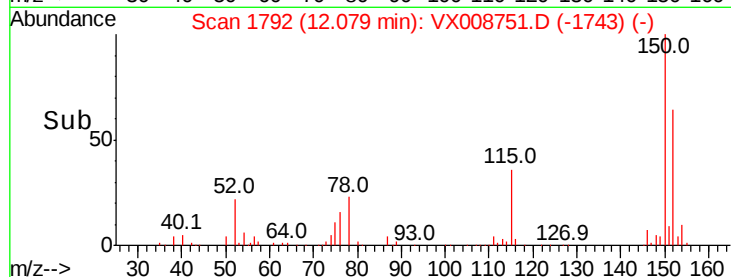
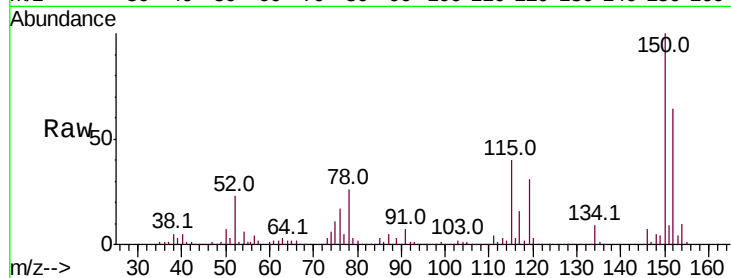
152 100

115 82.8 43.5 130.5

150 173.2 0.0 348.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 45.985 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008751.D

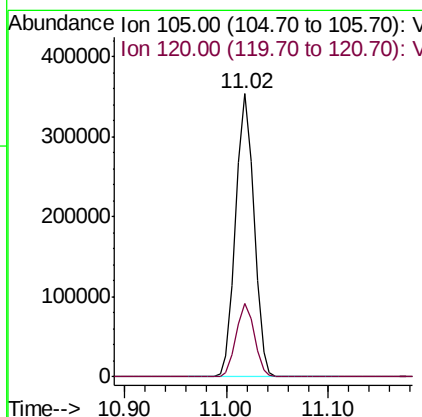
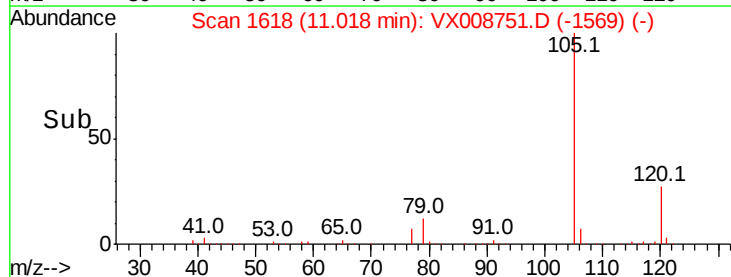
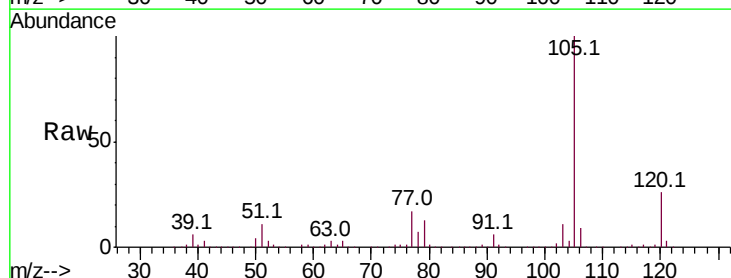
Acq: 08 Apr 2019 17:35

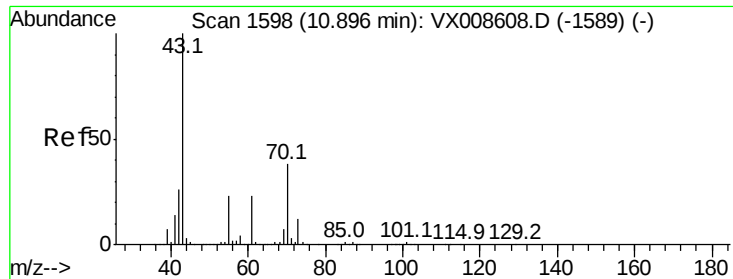
Tgt Ion:105 Resp: 437275

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6





#74

N-amvl acetate

Concen: 48.333 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

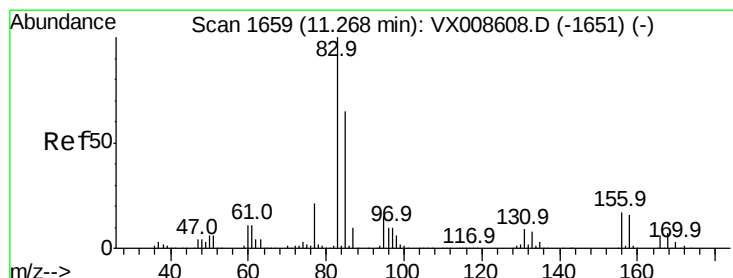
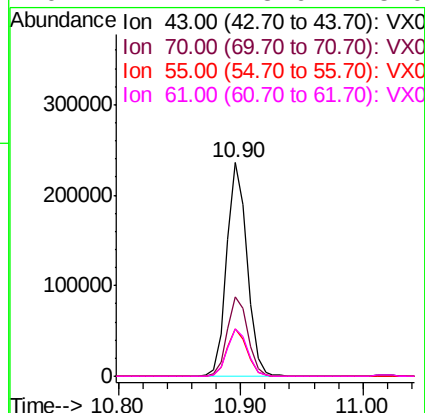
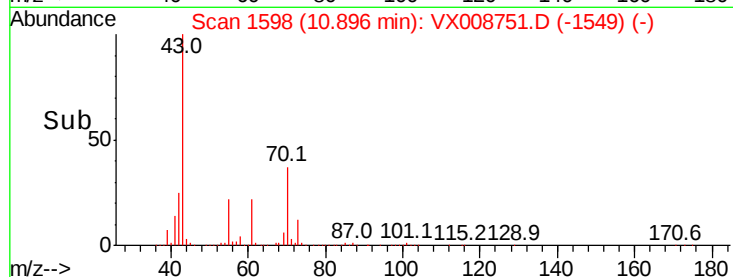
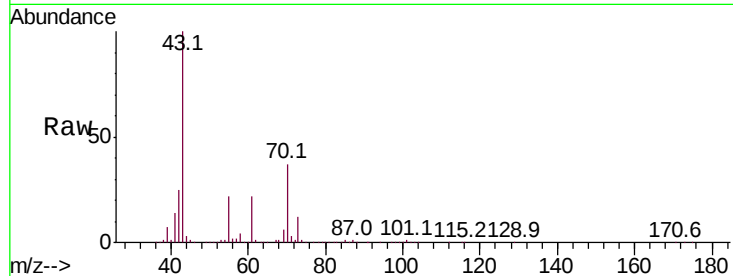
ClientSampleId :

ST008MW214-190403MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	37.6	30.2	45.4	
55	22.3	18.2	27.4	
61	22.4	18.6	28.0	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.550 ug/l

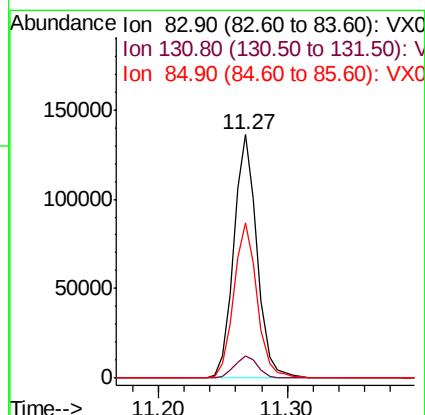
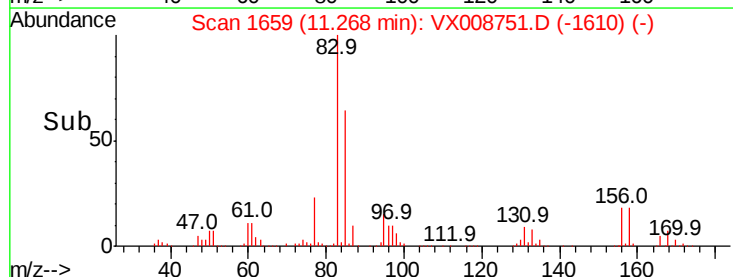
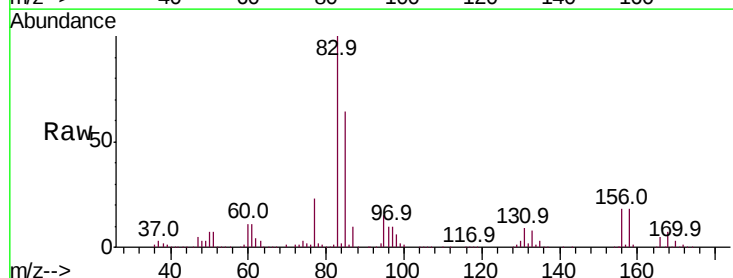
RT: 11.27 min Scan# 1659

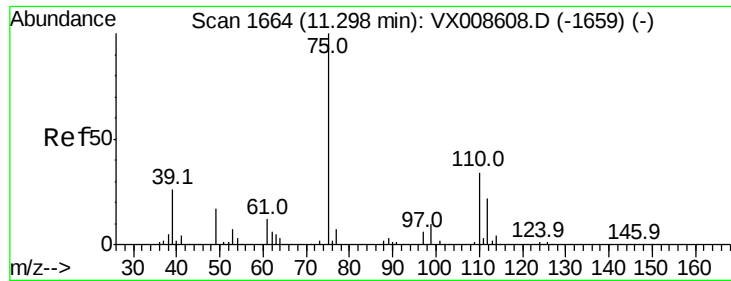
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.2	4.5	13.7	
85	64.1	32.0	96.2	





#76

1,2,3-Trichloropropane

Concen: 45.632 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tot Ion: 75 Resp: 143834

Ion Ratio Lower Upper

75 100

77 43.6 22.3 66.8

Instrument :

MSVOA_X

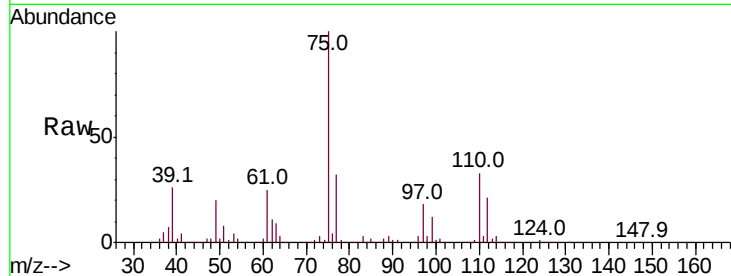
ClientSampleId :

ST008MW214-190403MSD

Manual Integrations
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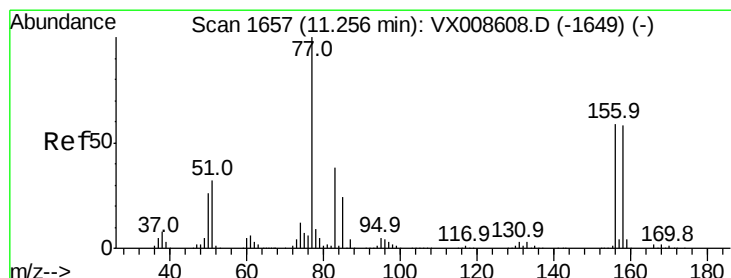
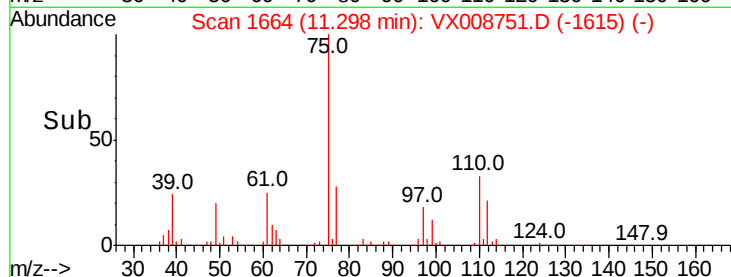
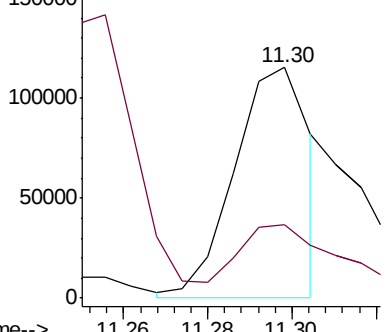
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 46.697 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

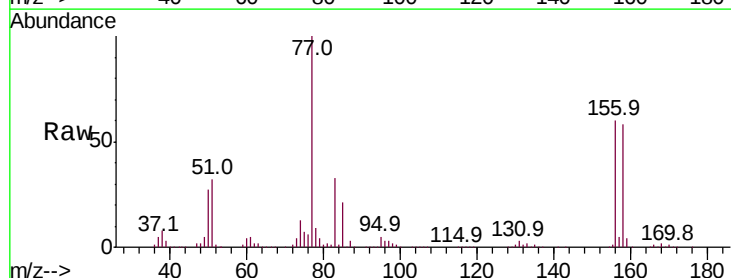
Tgt Ion:156 Resp: 106749

Ion Ratio Lower Upper

156 100

77 177.4 89.8 269.6

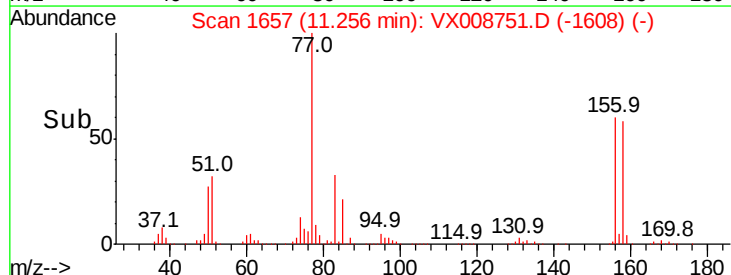
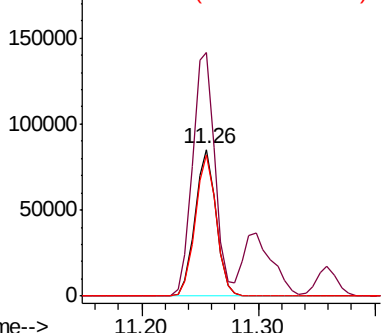
158 96.3 48.6 145.9

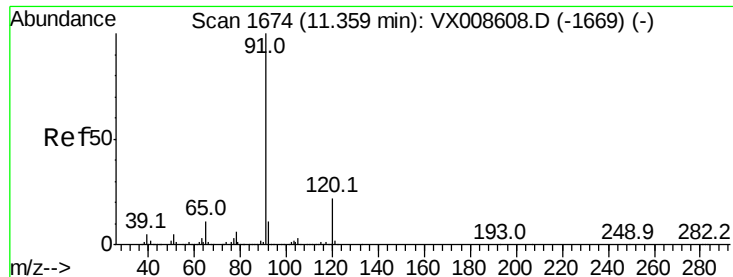


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 45.703 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion: 91 Resp: 506028

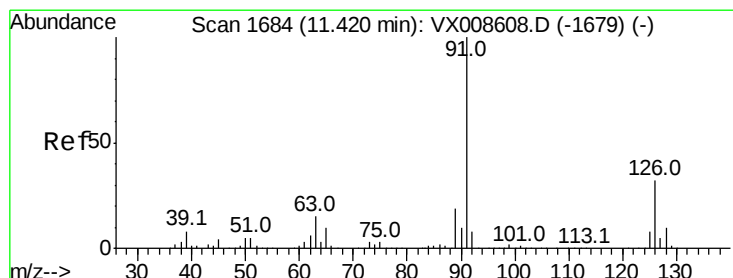
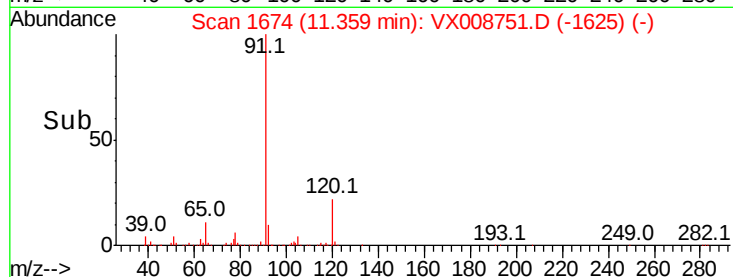
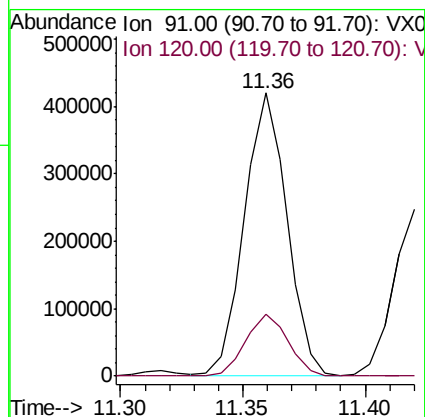
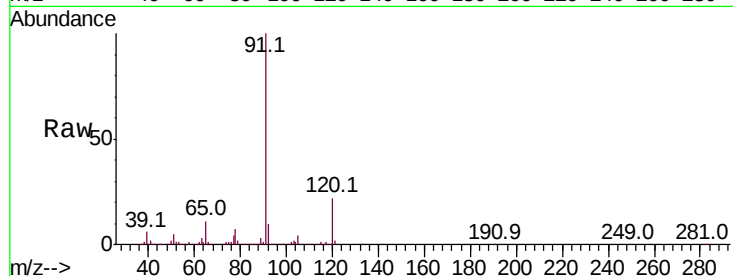
Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7

Manual Integrations
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#79

2-Chlorotoluene

Concen: 44.940 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008751.D

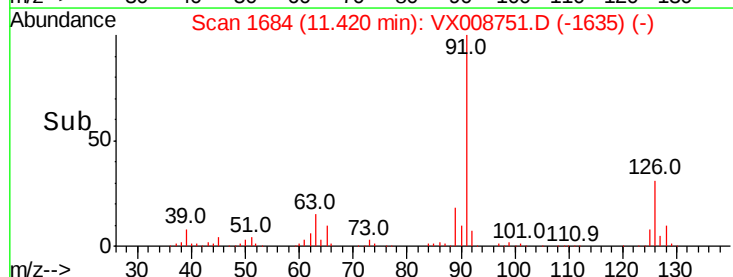
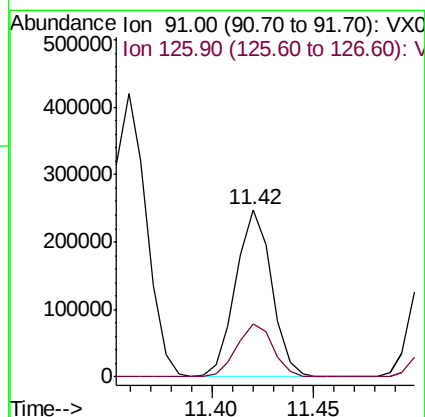
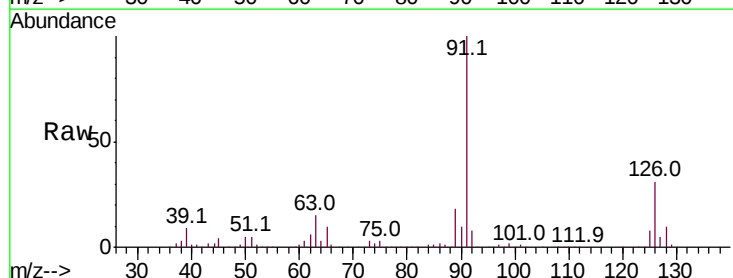
Acq: 08 Apr 2019 17:35

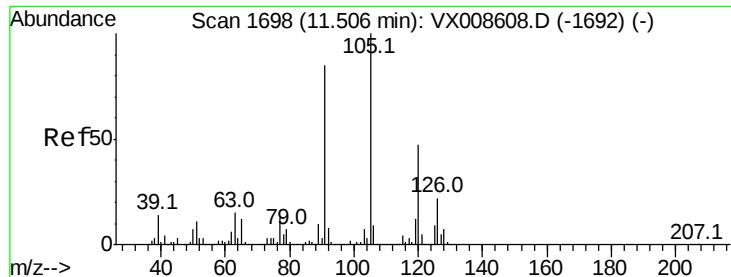
Tgt Ion: 91 Resp: 301112

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.3





#80

1,3,5-Trimethylbenzene

Concen: 46.044 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

ClientSampleId :

ST008MW214-190403MSD

Tot Ion:105 Resp: 367520

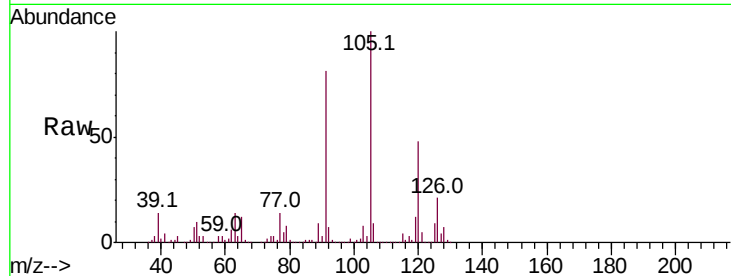
Ion Ratio Lower Upper

105 100

120 47.8 23.5 70.6

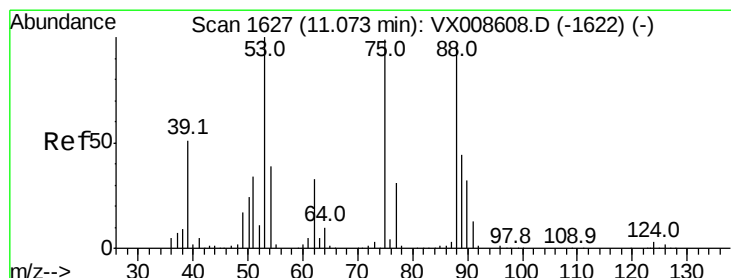
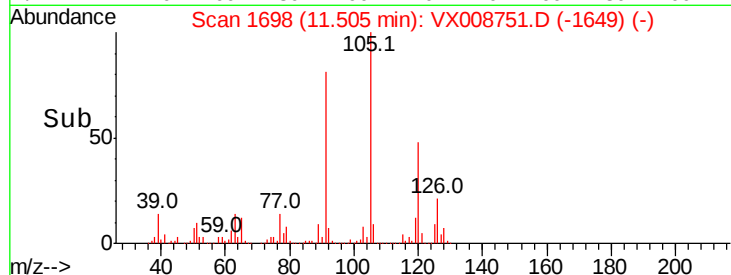
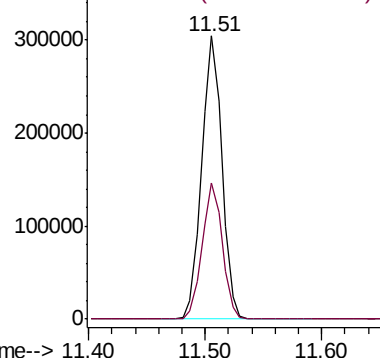
Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 49.005 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

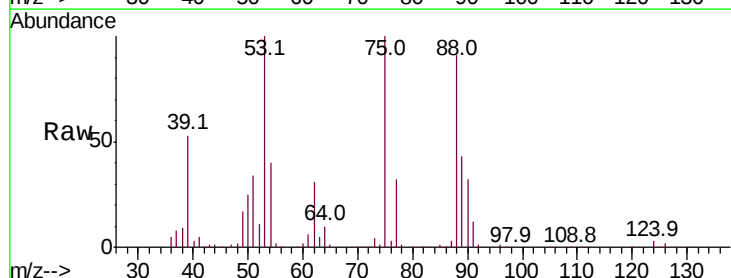
Tgt Ion: 75 Resp: 56036

Ion Ratio Lower Upper

75 100

53 102.3 81.3 121.9

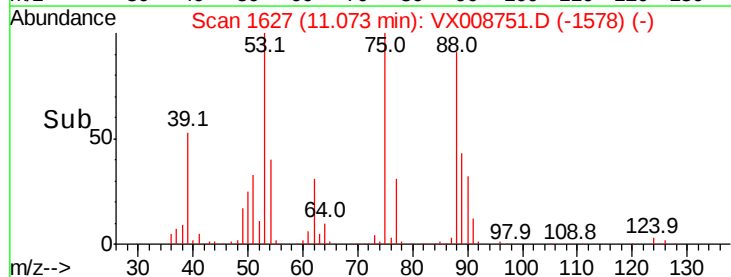
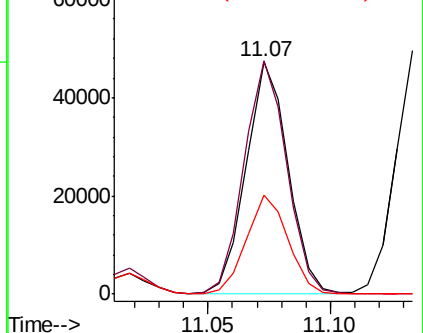
89 42.9 35.6 53.4

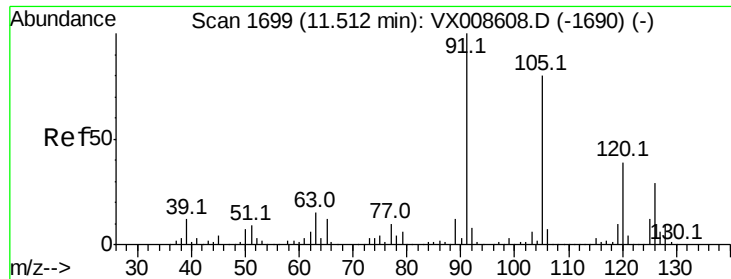


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





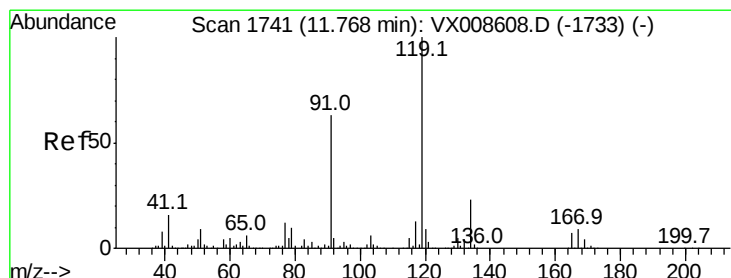
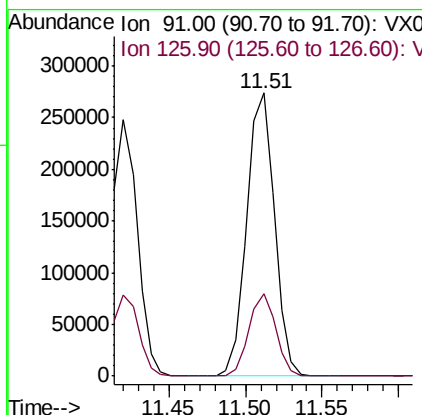
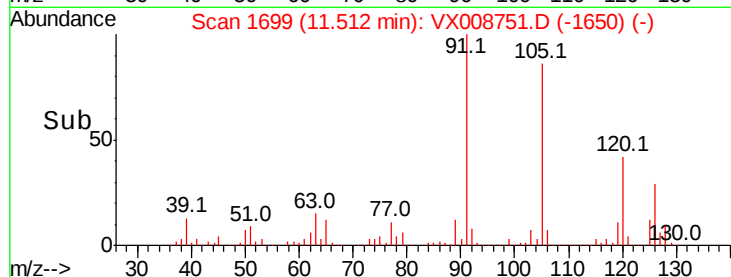
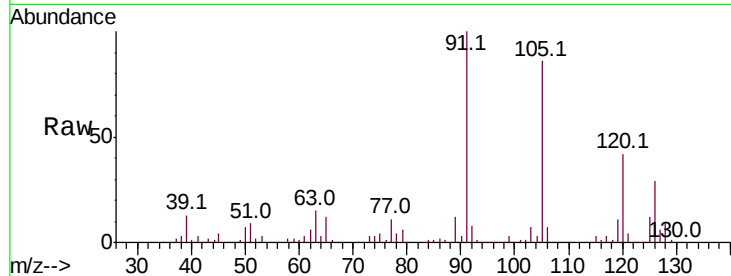
#82
 4-Chlorotoluene
 Concen: 44.676 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.3	13.9	41.6

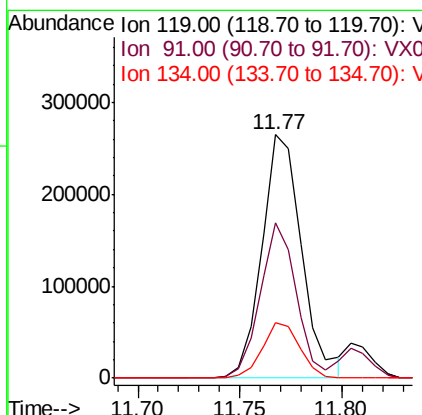
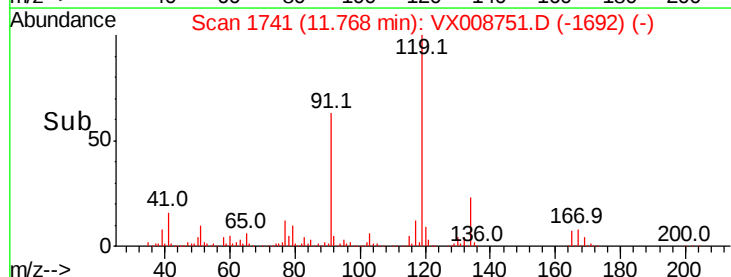
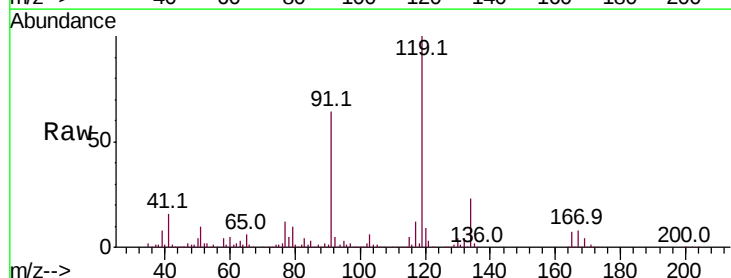
Manual Integrations
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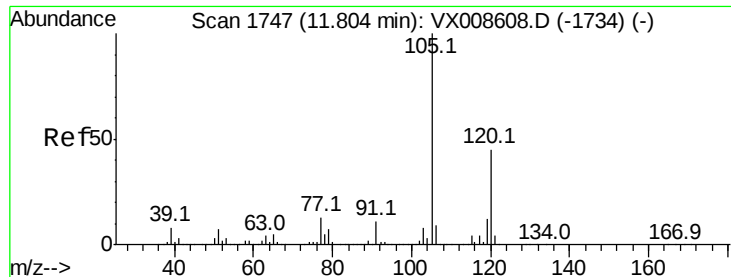
MMDadoda
 4/9/2019 1:50:11 PM



#83
 tert-Butylbenzene
 Concen: 46.956 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.8	30.0	90.1
134	21.6	11.1	33.3





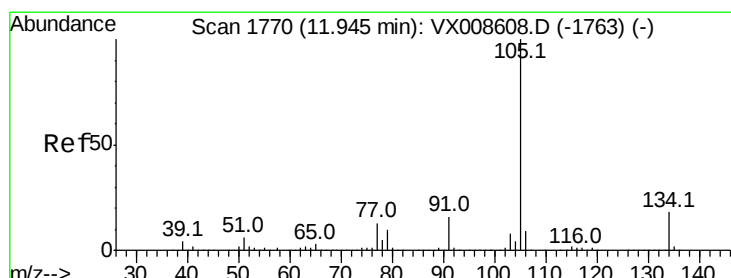
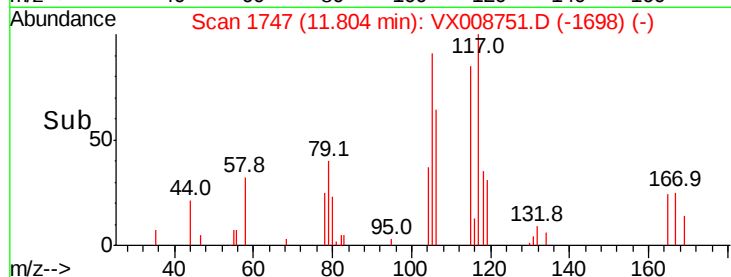
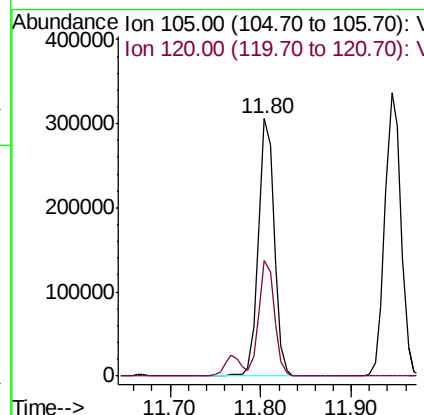
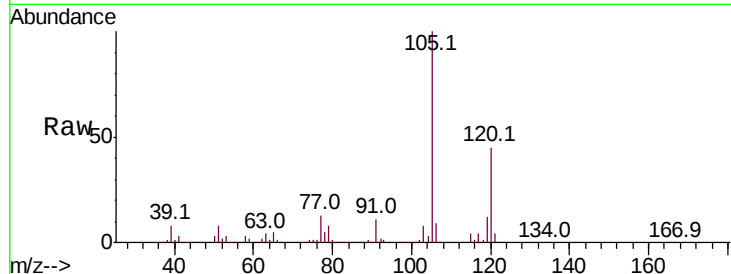
#84
1,2,4-Trimethylbenzene
Concen: 45.886 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:105 Resp: 370866
Ion Ratio Lower Upper
105 100
120 43.9 21.8 65.3

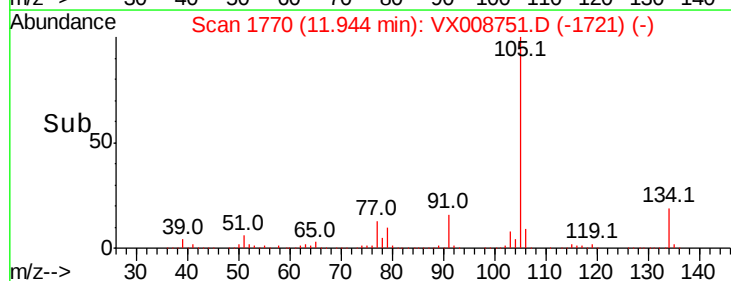
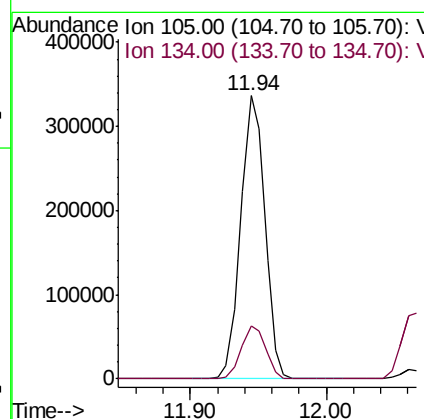
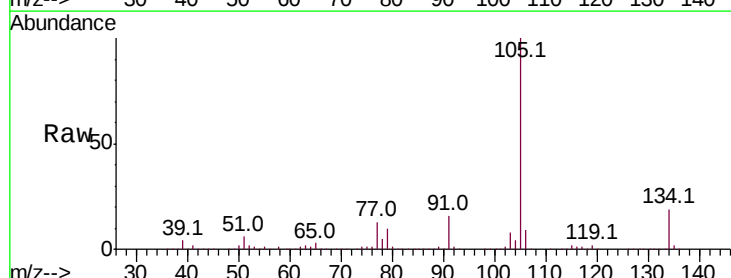
Manual Integrations
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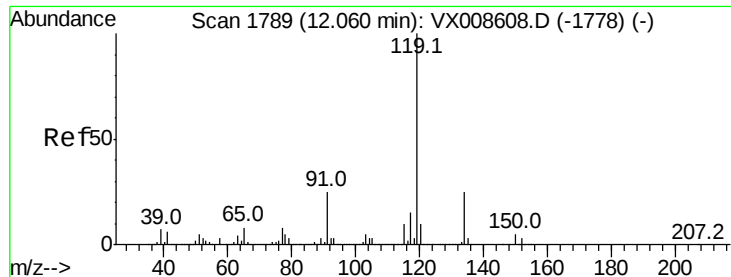
MMDadoda
4/9/2019 1:50:11 PM



#85
sec-Butylbenzene
Concen: 45.668 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion:105 Resp: 416564
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.2





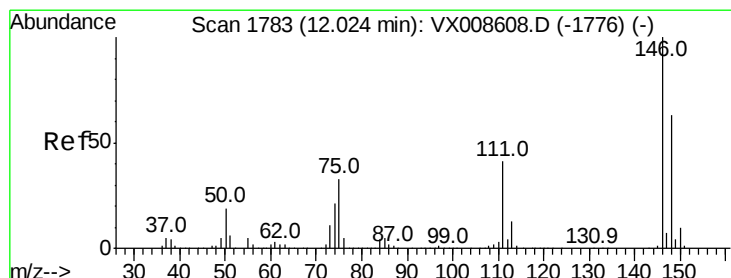
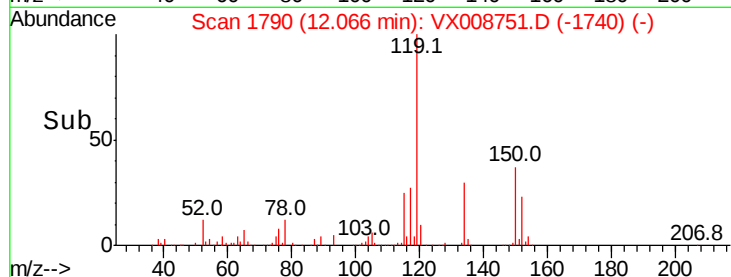
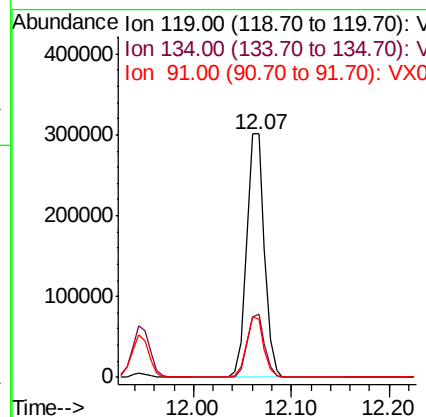
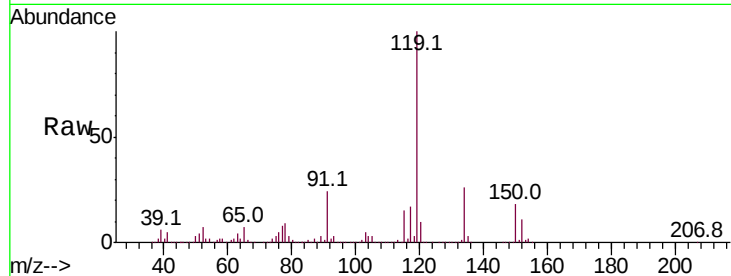
#86
 p-Isopropyltoluene
 Concen: 45.917 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	375926		
134	25.6	12.8	38.4	
91	24.1	12.2	36.6	

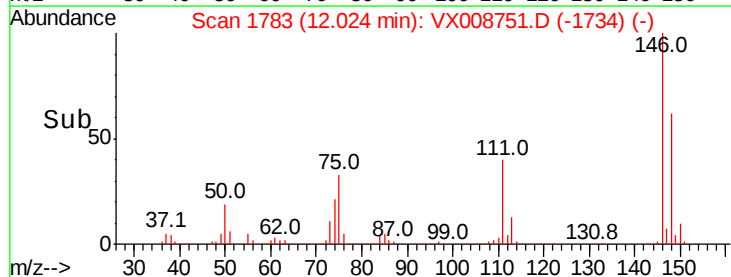
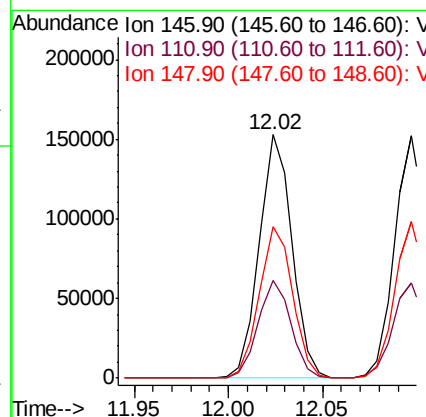
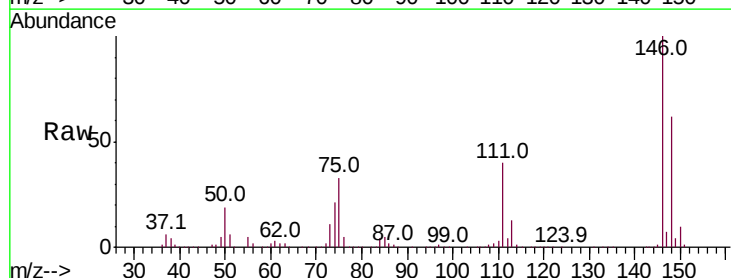
Manual Integrations
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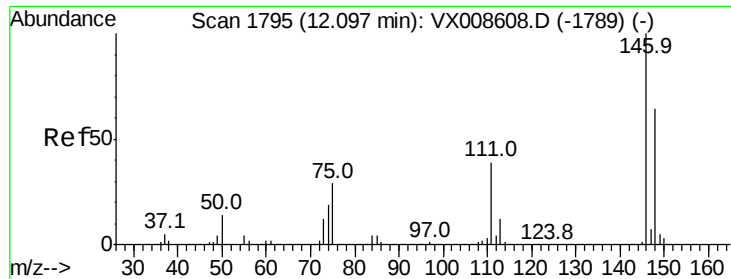
MMDadoda
 4/9/2019 1:50:11 PM



#87
 1,3-Dichlorobenzene
 Concen: 45.028 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	184272		
111	40.5	20.5	61.5	
148	63.5	31.6	94.7	





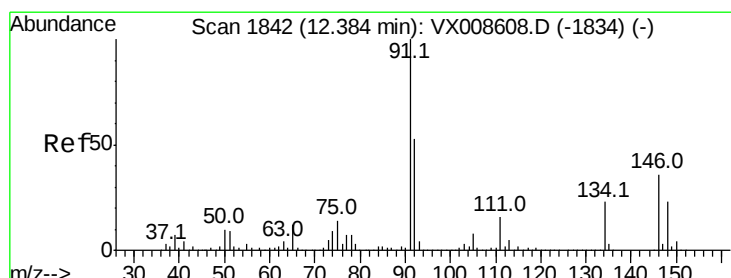
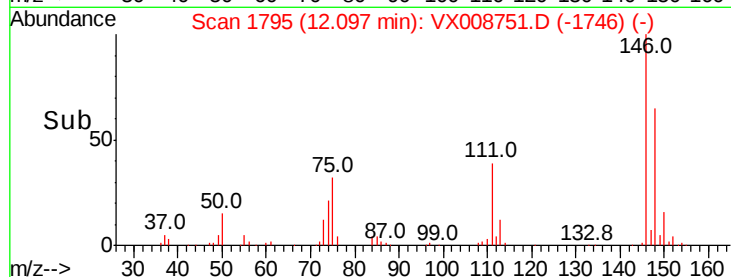
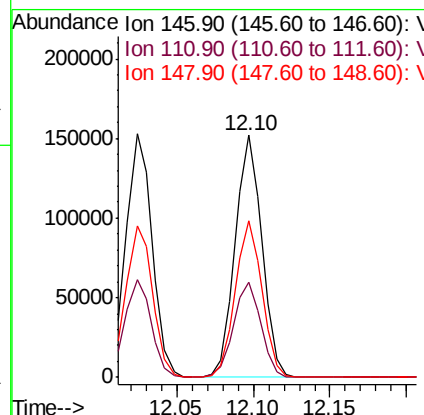
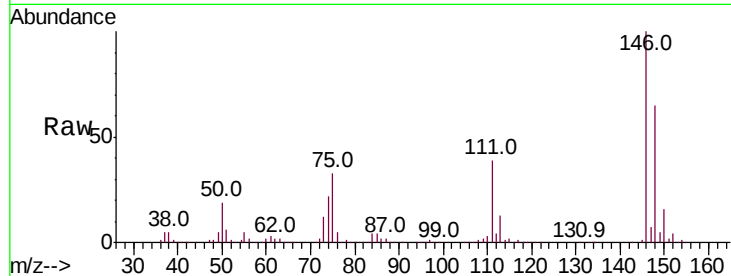
#88
 1,4-Dichlorobenzene
 Concen: 44.320 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	183662		
111	40.4	20.2	60.6	
148	64.6	32.0	96.0	

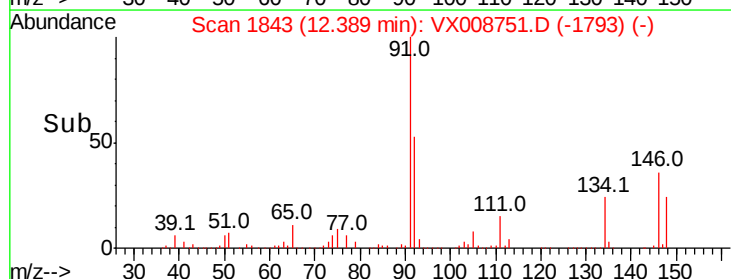
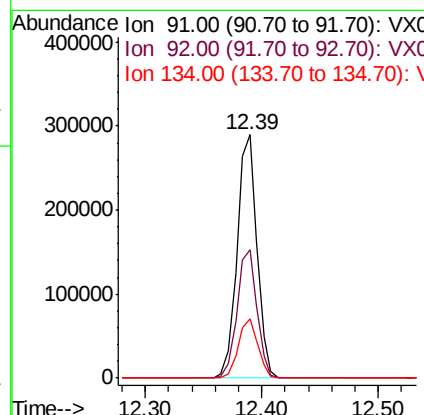
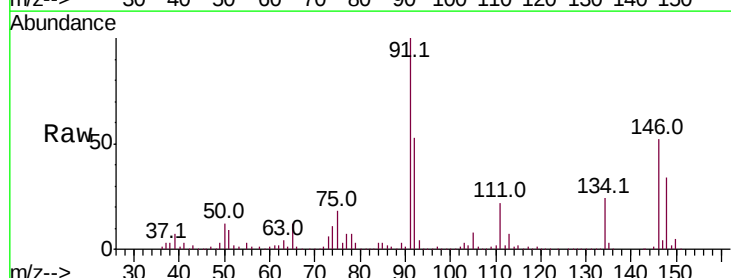
Manual Integrations
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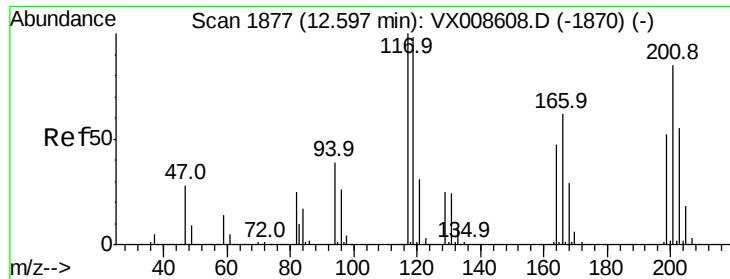
MMDadoda
 4/9/2019 1:50:11 PM



#89
 n-Butylbenzene
 Concen: 44.742 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	343524		
92	53.0	26.4	79.2	
134	24.1	12.0	36.0	





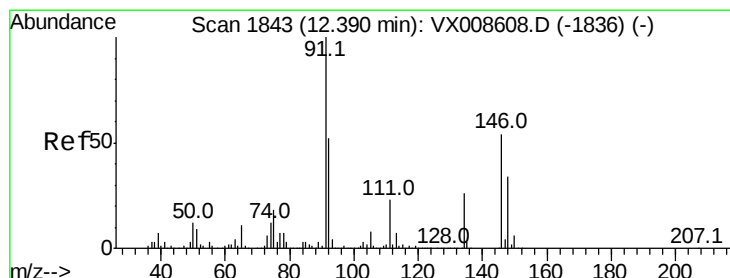
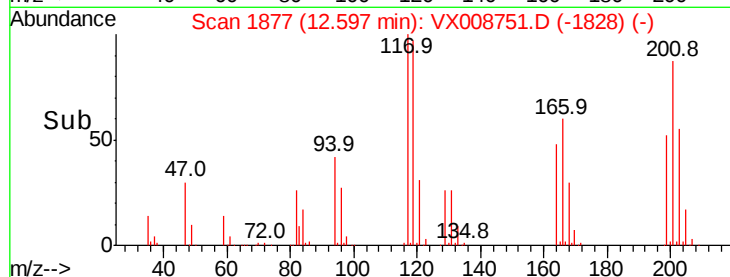
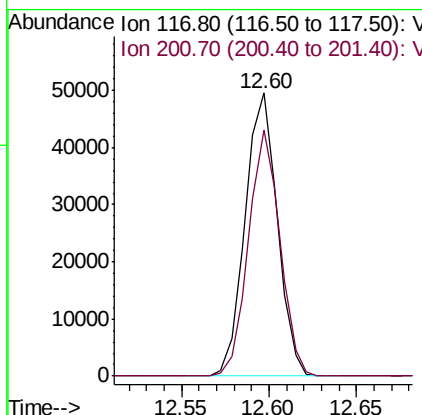
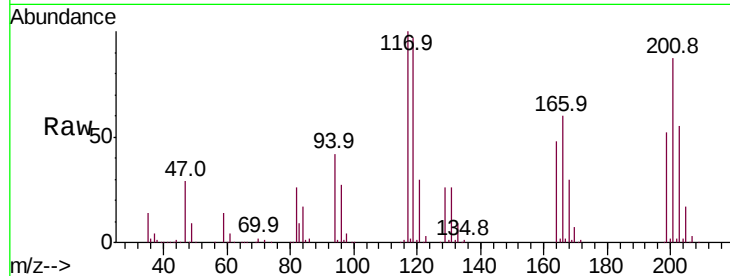
#90
Hexachloroethane
Concen: 46.712 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Instrument :
MSVOA_X
ClientSampleId :
ST008MW214-190403MSD

Tot Ion:117 Resp: 63430
Ion Ratio Lower Upper
117 100
201 84.8 40.6 122.0

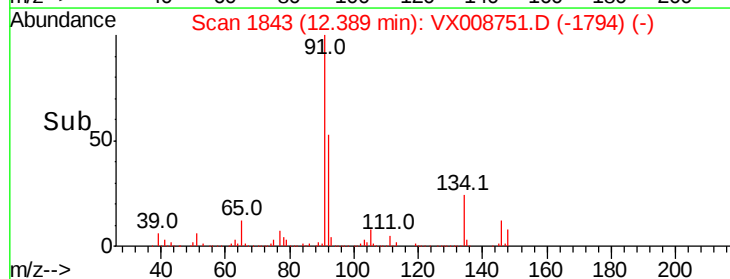
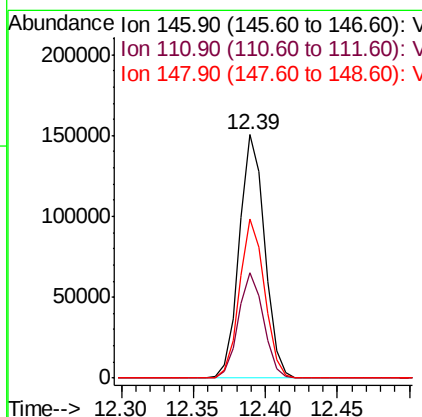
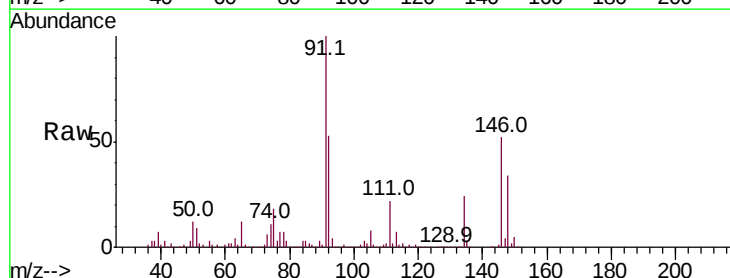
Manual Integrations
APPROVED

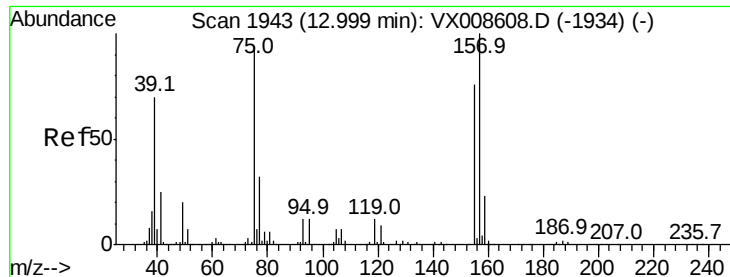
MMDadoda
4/9/2019 1:50:11 PM



#91
1,2-Dichlorobenzene
Concen: 45.407 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008751.D
Acq: 08 Apr 2019 17:35

Tgt Ion:146 Resp: 184501
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.9
148 64.4 31.7 95.1





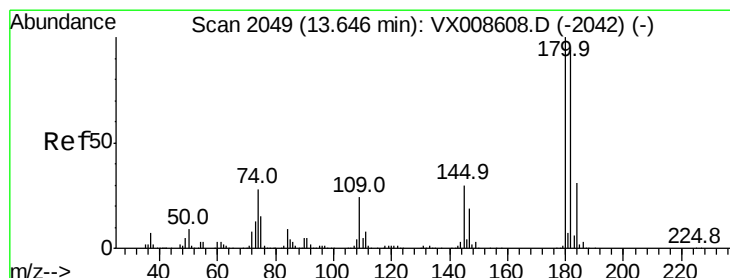
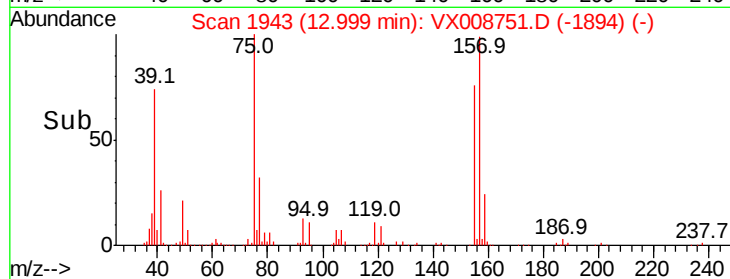
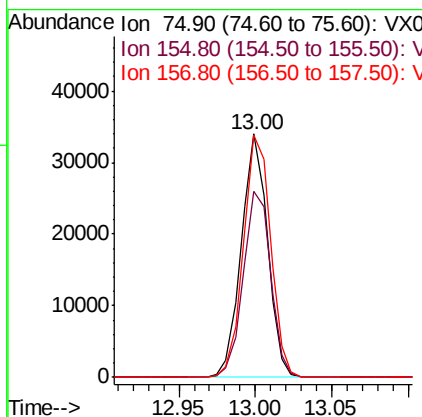
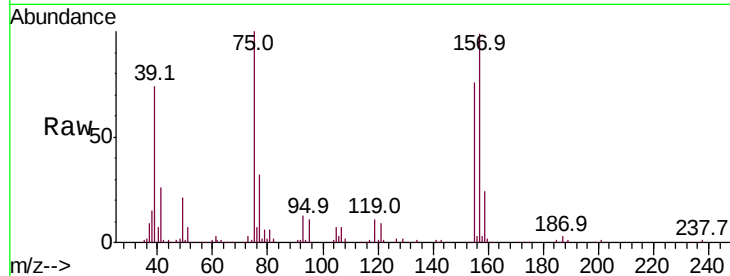
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.846 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	80.0	39.9	119.6
157	103.2	51.5	154.7

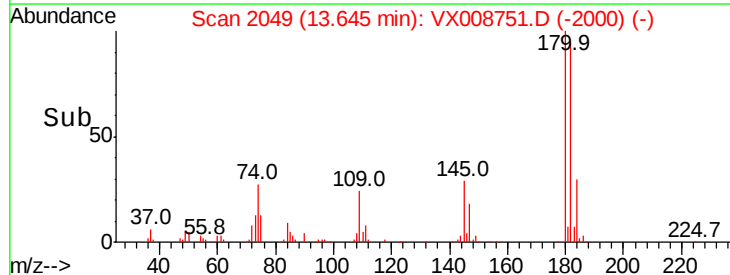
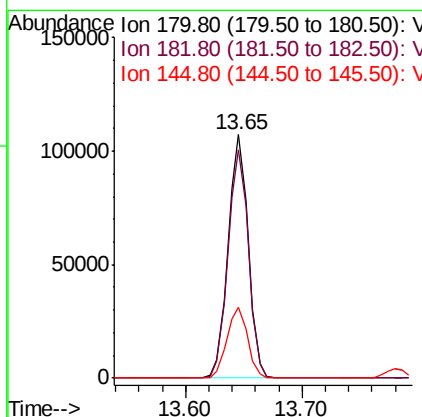
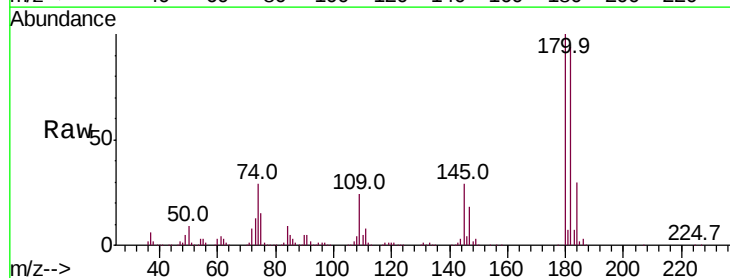
Manual Integrations
 APPROVED

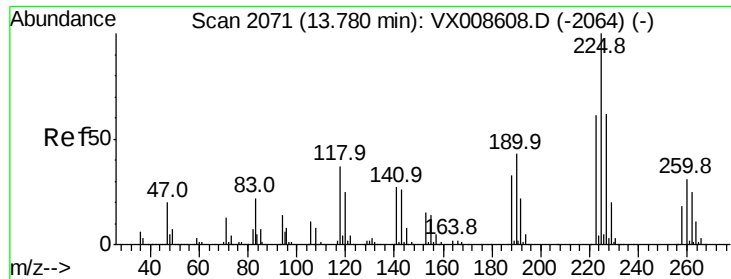
MMDadoda
 4/9/2019 1:50:11 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.406 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.2	141.6
145	29.7	15.3	45.9





#94

Hexachlorobutadiene

Concen: 44.675 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Instrument :

MSVOA_X

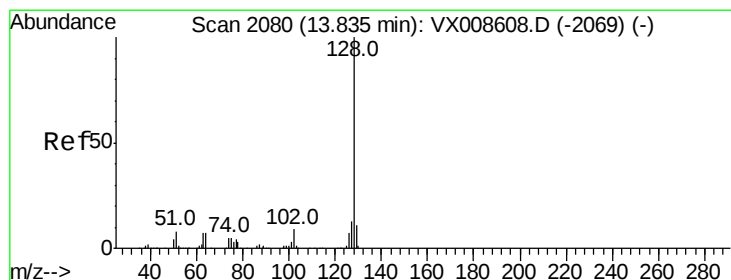
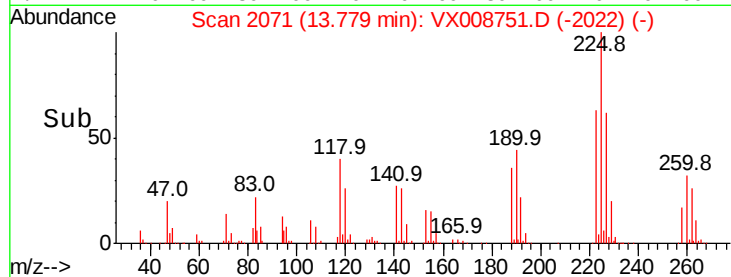
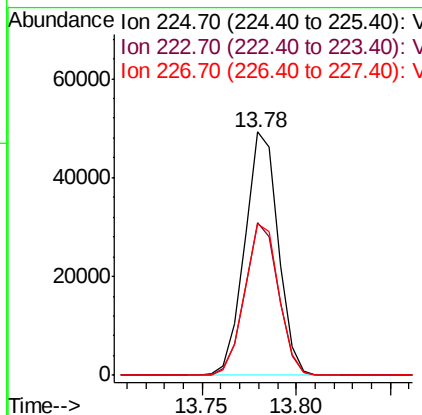
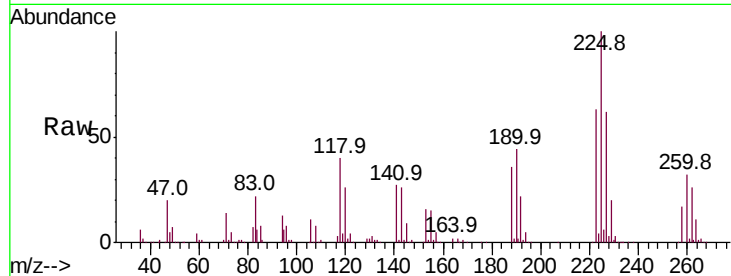
ClientSampleId :

ST008MW214-190403MSD

Tot Ion:	225	Resp:	60530
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.2	93.6
227	63.6	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 49.049 ug/l

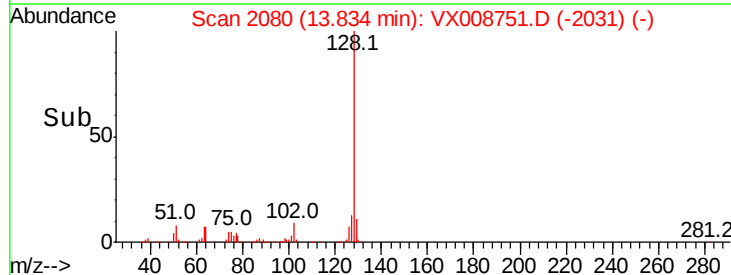
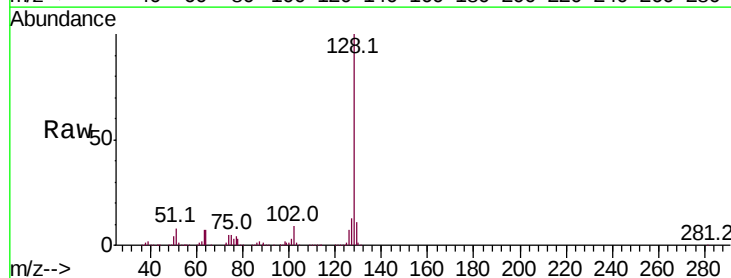
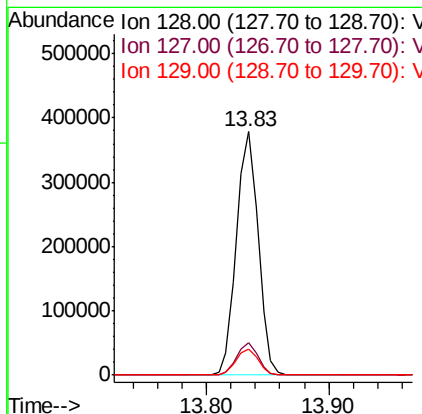
RT: 13.83 min Scan# 2080

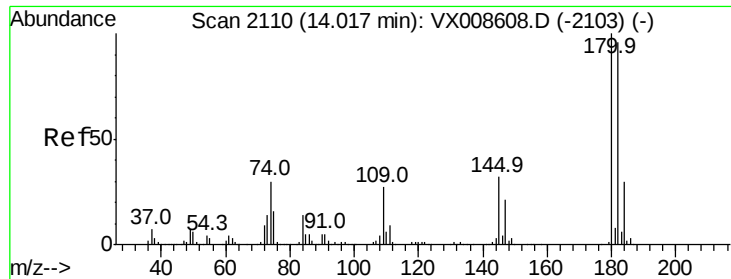
Delta R.T. -0.00 min

Lab File: VX008751.D

Acq: 08 Apr 2019 17:35

Tgt Ion:	128	Resp:	463134
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0





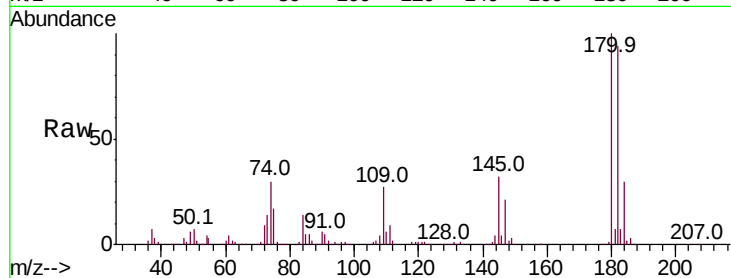
#96
 1,2,3-Trichlorobenzene
 Concen: 46.557 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008751.D
 Acq: 08 Apr 2019 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Tot Ion:	180	Resp:	131416
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.1	144.3
145	31.1	16.3	48.8

Manual Integrations
 APPROVED

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 4/9/2019 1:50:11 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

