

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009385.D
 Acq On : 07 May 2019 18:28
 Operator : JC/SP
 Sample : K2721-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:40:34 AM

Quant Time: May 08 03:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	109087	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	82642	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	8.72	98	325598	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	119285	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	64447	43.026	ug/l	99
3) Chloromethane	1.32	50	83672	40.916	ug/l	99
4) Vinyl Chloride	1.41	62	89781	45.024	ug/l	98
5) Bromomethane	1.64	94	23695	19.797	ug/l	97
6) Chloroethane	1.71	64	79511	62.105	ug/l	99
7) Trichlorofluoromethane	1.92	101	112933	46.591	ug/l	99
8) Diethyl Ether	2.19	74	54648	47.596	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71551	47.007	ug/l	97
10) Methyl Iodide	2.51	142	35541	22.843	ug/l	100
11) Tert butyl alcohol	3.06	59	138100	268.876	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71191	46.679	ug/l	98
13) Acrolein	2.29	56	88890	191.100	ug/l	99
14) Allyl chloride	2.73	41	171183	46.058	ug/l	99
15) Acrylonitrile	3.15	53	325086	258.860	ug/l	99
16) Acetone	2.45	43	278966	234.138	ug/l	96
17) Carbon Disulfide	2.56	76	187223	43.725	ug/l	99
18) Methyl Acetate	2.78	43	145818	51.462	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	292203	49.339	ug/l	99
20) Methylene Chloride	2.85	84	88858	46.061	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76055	45.983	ug/l	99
22) Diisopropyl ether	3.86	45	345906	48.394	ug/l	95
23) Vinyl Acetate	3.82	43	1550097	253.258	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165608	46.967	ug/l	100
25) 2-Butanone	4.68	43	485992	262.487	ug/l	100
26) 2,2-Dichloropropane	4.58	77	112160	42.735	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	93441	47.331	ug/l	100
28) Bromochloromethane	5.01	49	69102	48.608	ug/l	99
29) Tetrahydrofuran	5.13	42	319067	267.803	ug/l	99
30) Chloroform	5.21	83	155604	48.793	ug/l	97
31) Cyclohexane	5.58	56	149878	45.688	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	126590	47.684	ug/l	99
36) 1,1-Dichloropropene	5.80	75	111408	45.743	ug/l	99
37) Ethyl Acetate	4.84	43	175540	51.730	ug/l	99
38) Carbon Tetrachloride	5.78	117	104938	47.423	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135517	45.308	ug/l	99
40) Benzene	6.15	78	355024	47.101	ug/l	99
41) Methacrylonitrile	5.05	41	102356	50.672	ug/l	100
42) 1,2-Dichloroethane	6.20	62	131109	48.490	ug/l	100
43) Isopropyl Acetate	6.45	43	277556	51.135	ug/l	100
44) Trichloroethene	7.21	130	83629	45.895	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103712	48.593	ug/l	98
46) Dibromomethane	7.66	93	59556	48.052	ug/l	99
47) Bromodichloromethane	7.90	83	121008	48.946	ug/l	98
48) Methyl methacrylate	7.77	41	138046	51.263	ug/l	99
49) 1,4-Dioxane	7.74	88	51839	949.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	963415	271.554	ug/l	100
52) Toluene	8.79	92	218053	47.591	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136609	48.942	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	149714	48.459	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92238	49.345	ug/l	95
56) Ethyl methacrylate	9.18	69	171561	51.416	ug/l	100
57) 1,3-Dichloropropane	9.37	76	159349	48.443	ug/l	99
59) 2-Hexanone	9.49	43	754958	270.945	ug/l	100
60) Dibromochloromethane	9.59	129	92313	50.564	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92879	49.223	ug/l	100
64) Tetrachloroethene	9.34	164	68320	41.437	ug/l	97
65) Chlorobenzene	10.14	112	403373	83.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	84702	48.589	ug/l	100
67) Ethyl Benzene	10.25	91	419140	47.365	ug/l	99
68) m/p-Xylenes	10.36	106	306719	94.849	ug/l	99
69) o-Xylene	10.70	106	152218	47.708	ug/l	100
70) Stvrene	10.71	104	269690	48.632	ug/l	100
71) Bromoform	10.86	173	72243	50.996	ug/l #	99
73) Isopropylbenzene	11.02	105	404120	46.823	ug/l	99
74) N-amyl acetate	10.90	43	257679	51.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	162629	50.546	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	135324m	49.153	ug/l	
77) Bromobenzene	11.26	156	102942	48.054	ug/l	98
78) n-propylbenzene	11.36	91	460357	46.704	ug/l	99
79) 2-Chlorotoluene	11.42	91	279777	46.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	339317	46.691	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51559	47.917	ug/l	99
82) 4-Chlorotoluene	11.51	91	320694	46.680	ug/l	100
83) tert-Butylbenzene	11.77	119	346625	49.031	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	346959	47.565	ug/l	100
85) sec-Butylbenzene	11.94	105	394651	47.086	ug/l	100
86) p-Isopropyltoluene	12.06	119	356703	47.340	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	213728	55.966	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	279406	72.571	ug/l	100
89) n-Butylbenzene	12.38	91	326359	47.922	ug/l	100
90) Hexachloroethane	12.60	117	60490	47.122	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	736570	189.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38210	52.939	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	132566	49.839	ug/l	99

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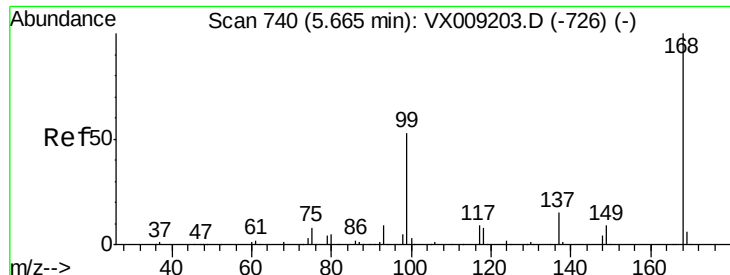
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	65010	47.861	ug/l	99
95) Naphthalene	13.83	128	439496	50.786	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132018	48.963	ug/l	99

(#) = 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. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion:168 Resp: 162542

Ion Ratio Lower Upper

168 100

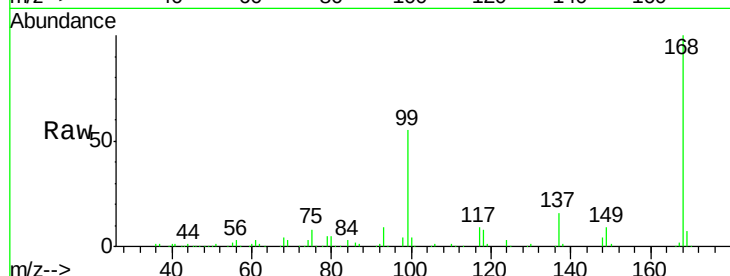
99 54.4 42.3 63.5

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

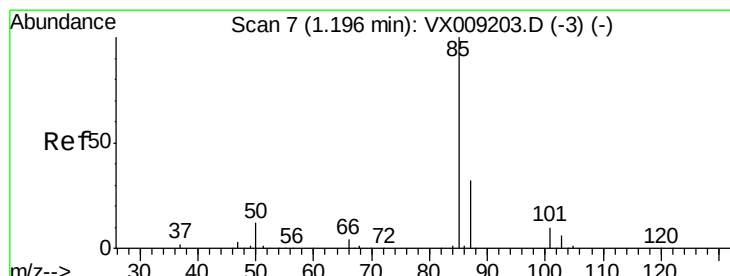
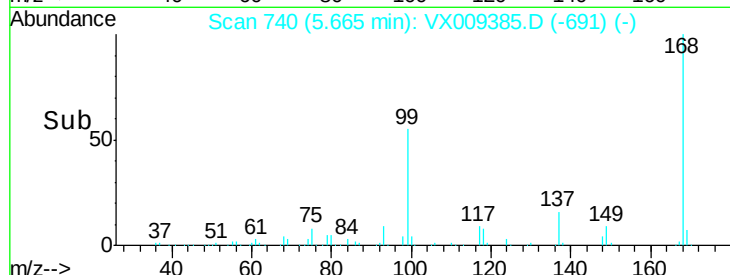
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.026 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009385.D

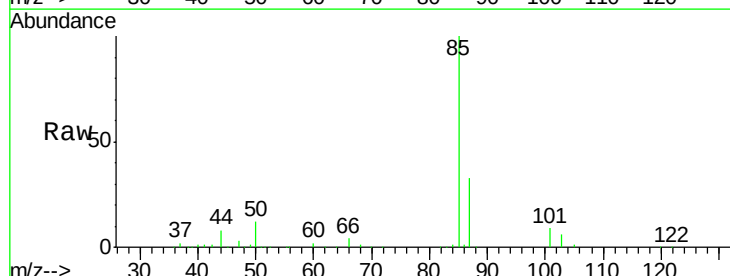
Acq: 07 May 2019 18:28

Tgt Ion: 85 Resp: 64447

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

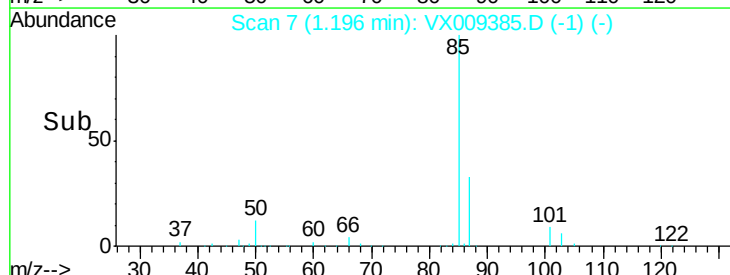
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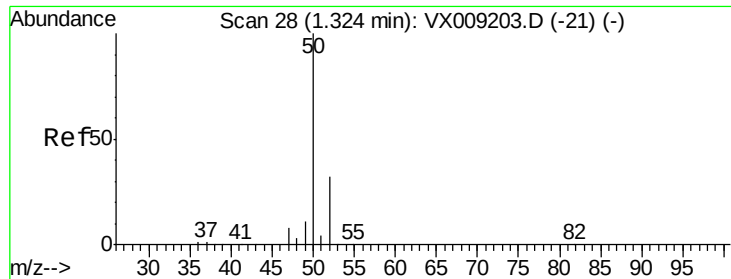
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.916 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 50 Resp: 83672

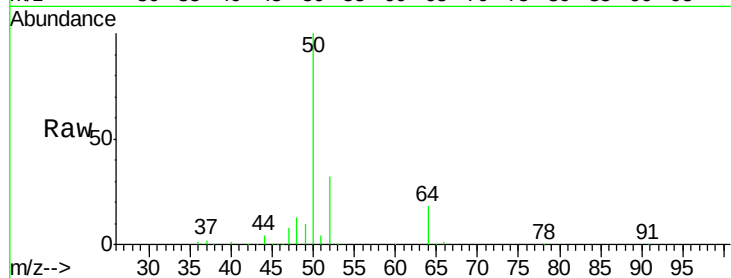
Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9

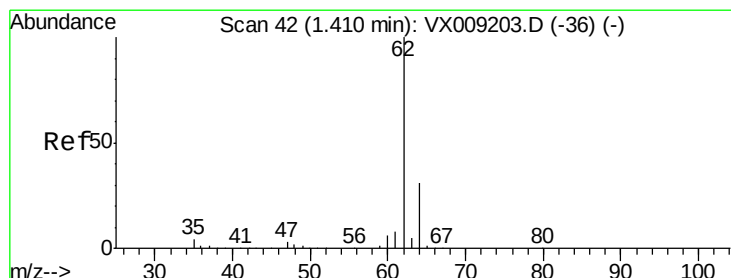
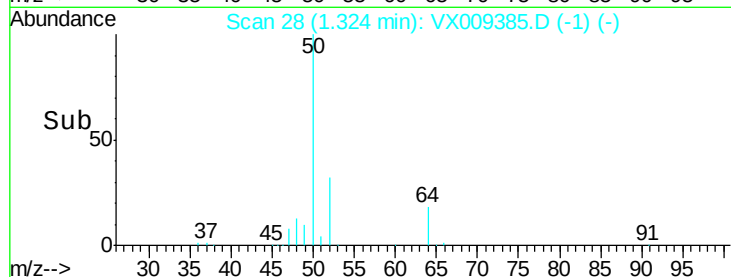
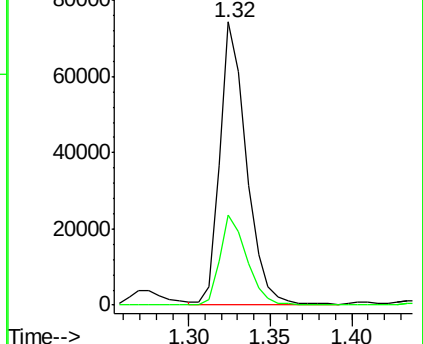
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.024 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009385.D

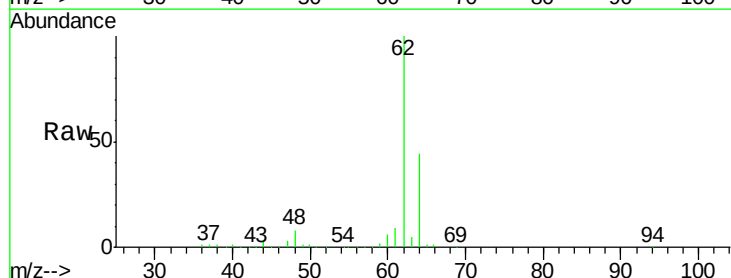
Acq: 07 May 2019 18:28

Tgt Ion: 62 Resp: 89781

Ion Ratio Lower Upper

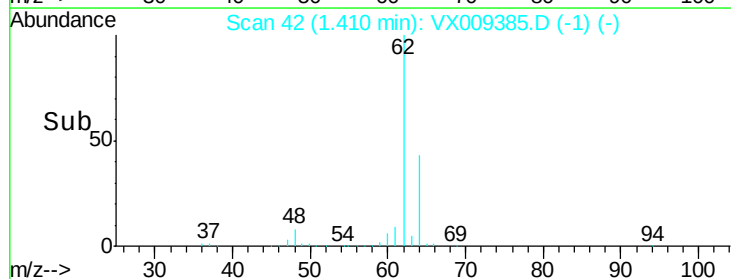
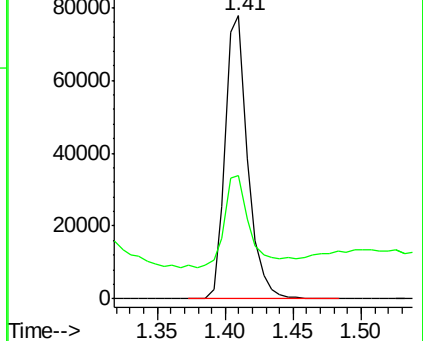
62 100

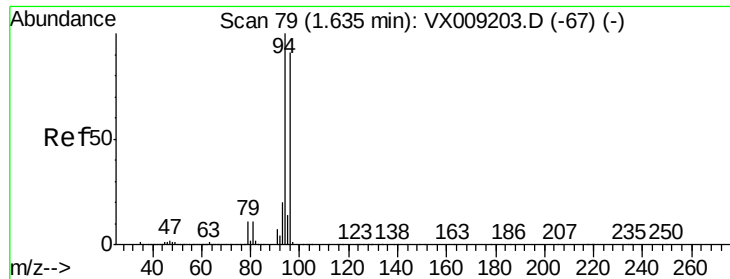
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.797 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

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ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 94 Resp: 23695

Ion Ratio Lower Upper

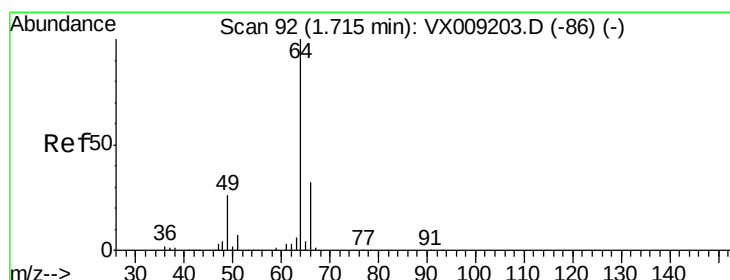
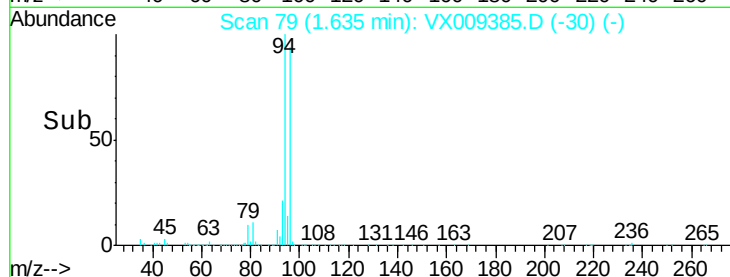
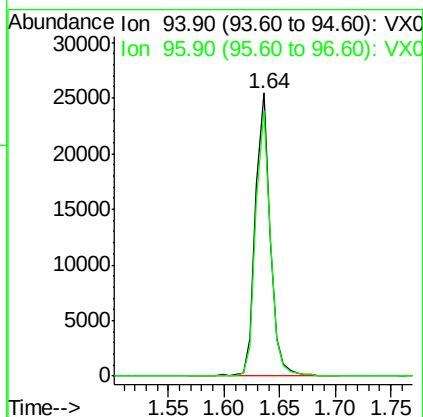
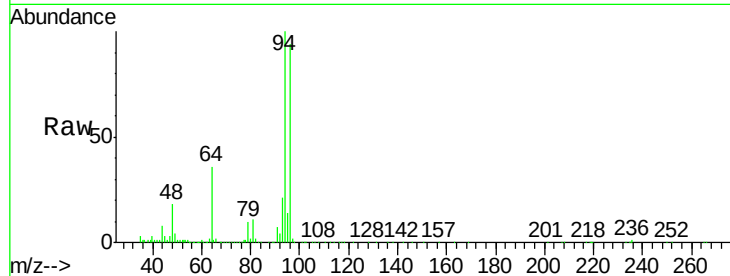
94 100

96 94.0 73.0 109.6

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#6

Chloroethane

Concen: 62.105 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009385.D

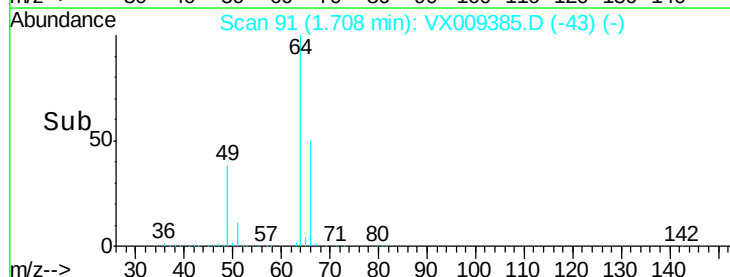
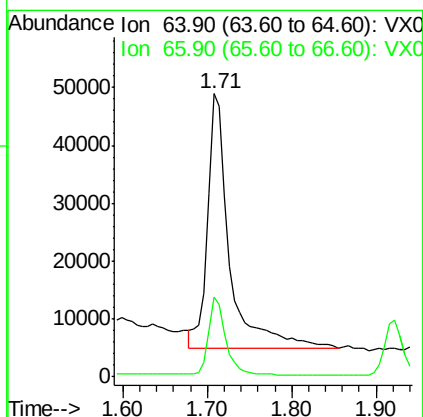
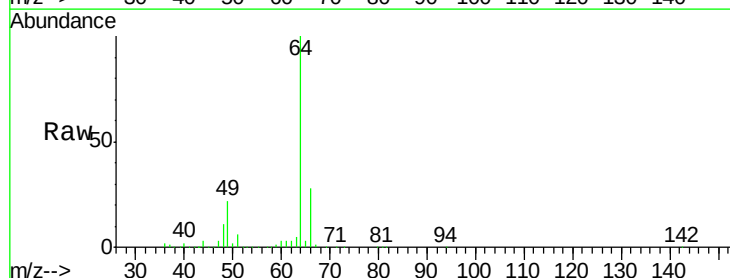
Acq: 07 May 2019 18:28

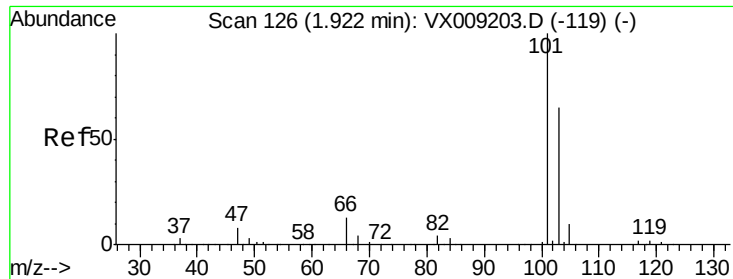
Tgt Ion: 64 Resp: 79511

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9





#7

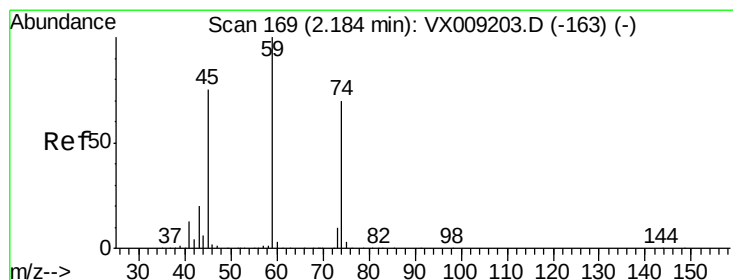
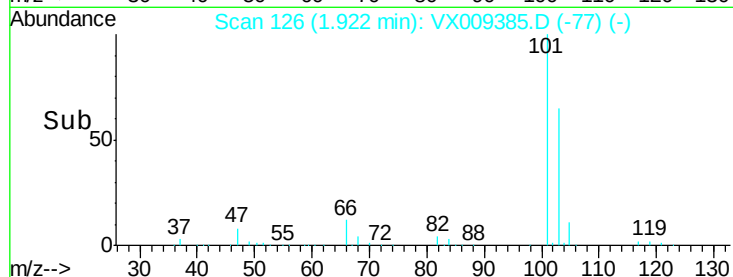
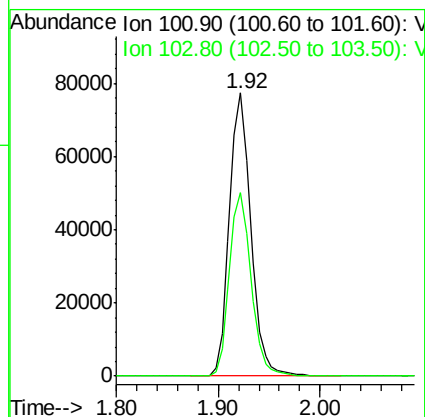
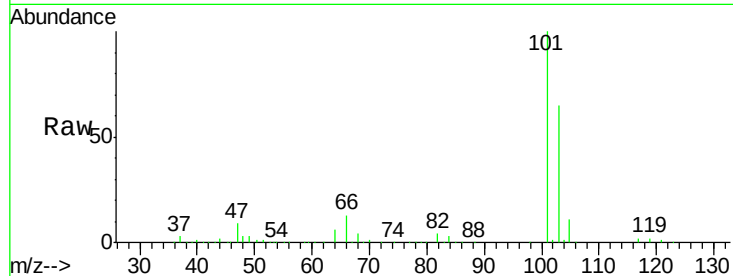
Trichlorofluoromethane
Concen: 46.591 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

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SS003RW114R-190506MS

Tot Ion:101 Resp: 112933
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

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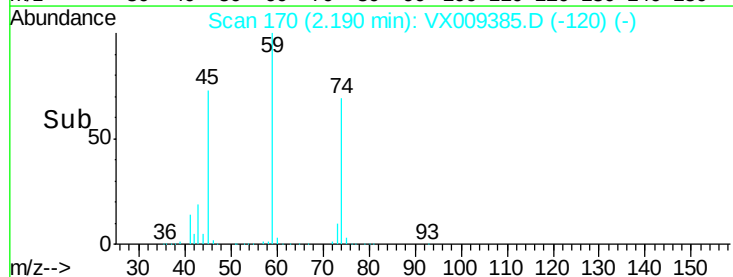
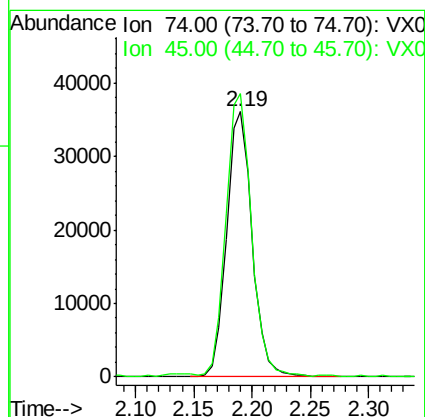
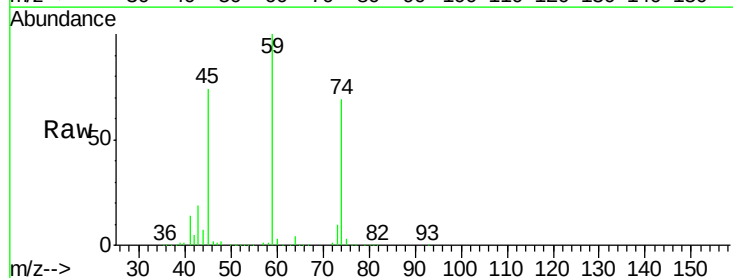
MMDadoda
5/8/2019 10:40:34 AM

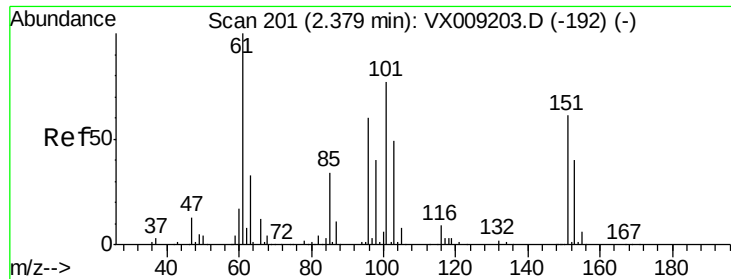


#8

Diethyl Ether
Concen: 47.596 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 74 Resp: 54648
Ion Ratio Lower Upper
74 100
45 106.1 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.007 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

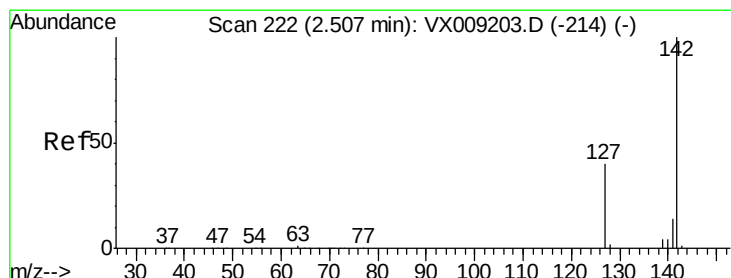
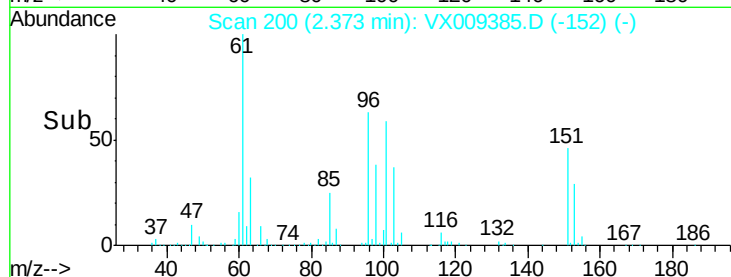
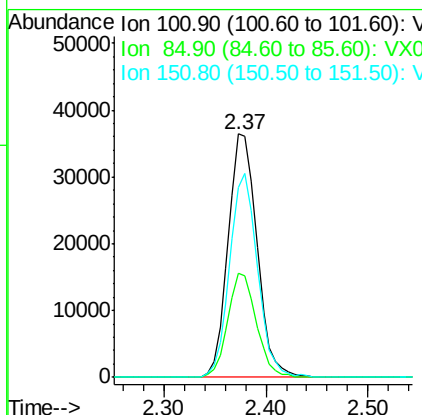
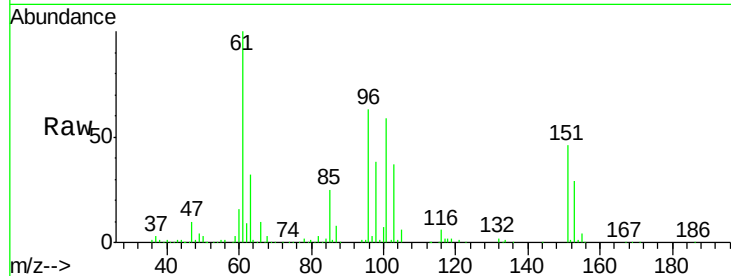
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	101	Resp:	71551
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.7	53.5
151	80.6	62.2	93.2

Manual Integrations
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5/8/2019 10:40:34 AM



#10

Methyl Iodide

Concen: 22.843 ug/l

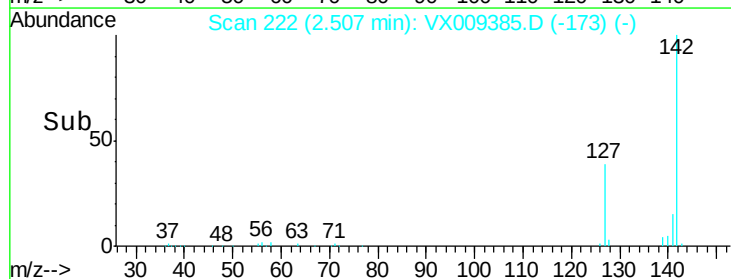
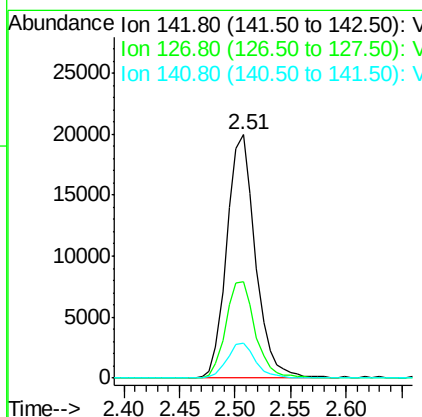
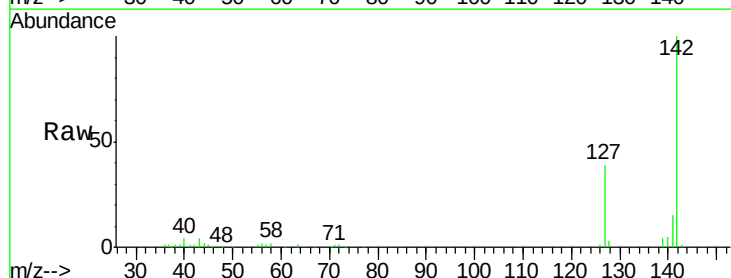
RT: 2.51 min Scan# 222

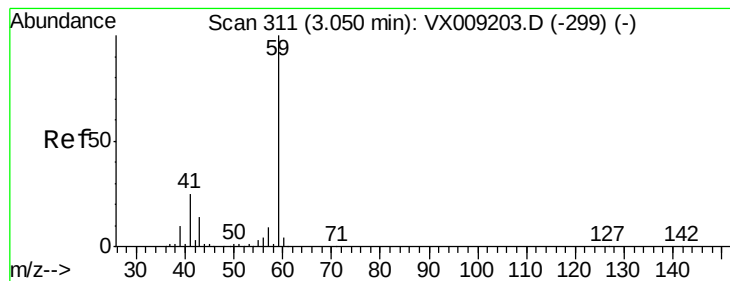
Delta R.T. 0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	142	Resp:	35541
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.7	49.1
141	14.4	11.5	17.3





#11

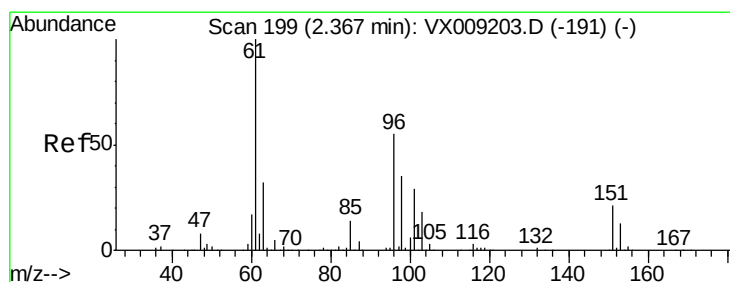
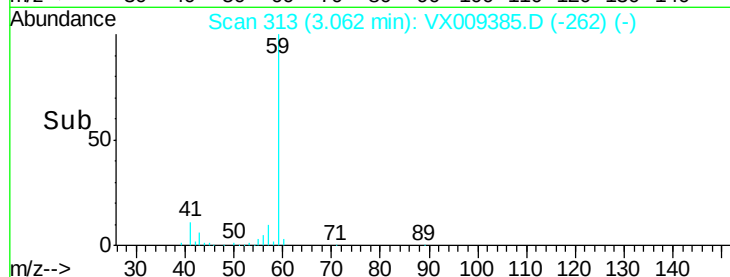
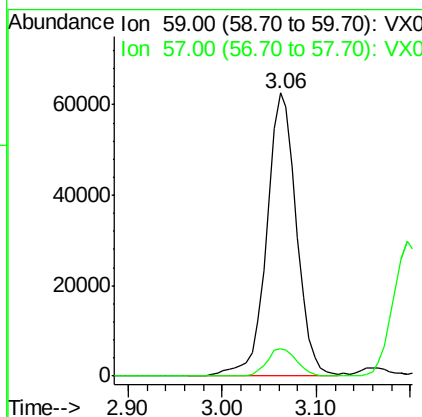
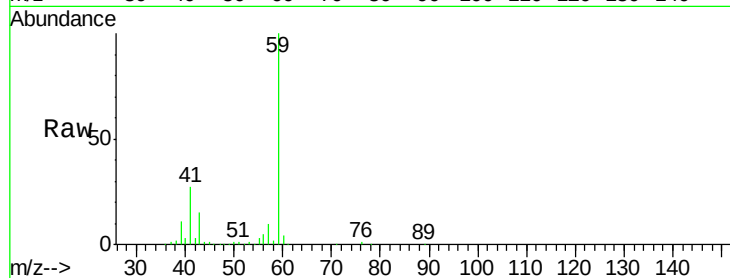
Tert butyl alcohol
 Concen: 268.876 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion: 59 Resp: 138100
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

Manual Integrations
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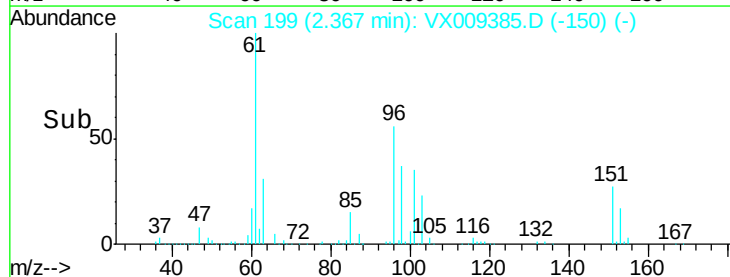
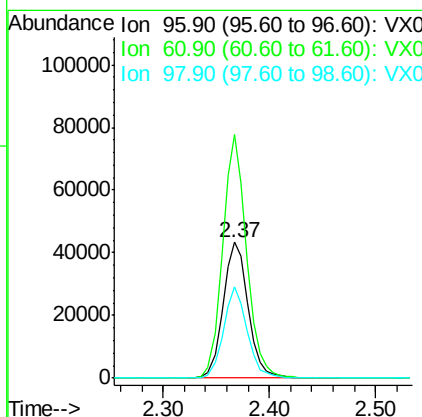
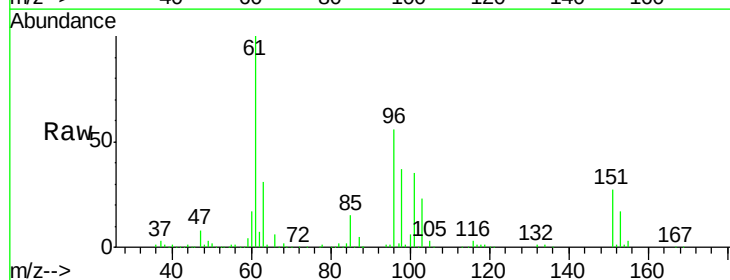
MMDadoda
 5/8/2019 10:40:34 AM

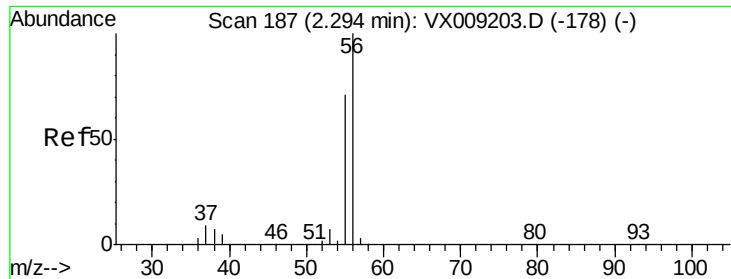


#12

1,1-Dichloroethene
 Concen: 46.679 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 96 Resp: 71191
 Ion Ratio Lower Upper
 96 100
 61 179.1 144.3 216.5
 98 66.8 50.3 75.5





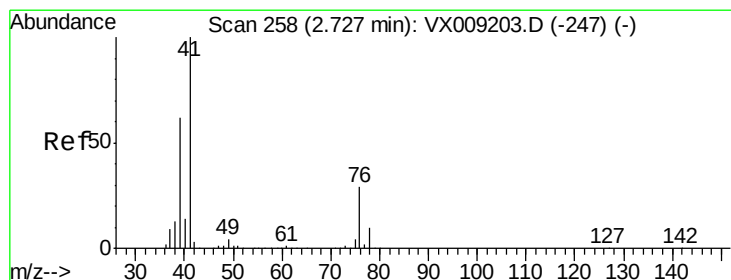
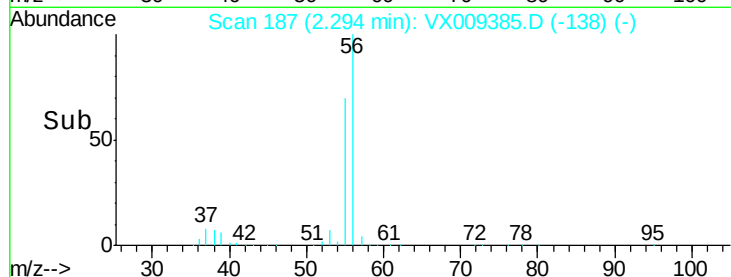
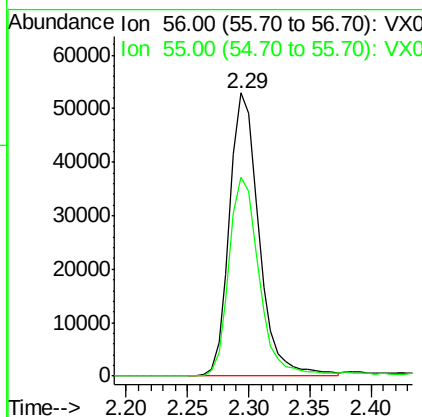
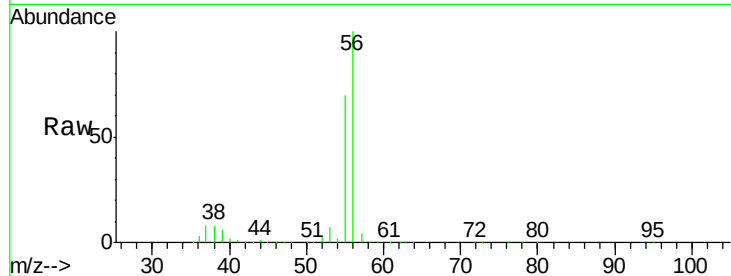
#13
Acrolein
Concen: 191.100 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.6	85.0

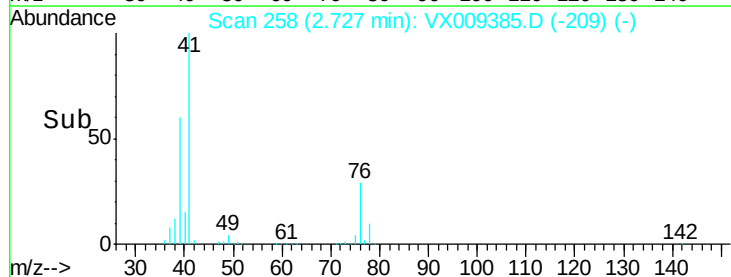
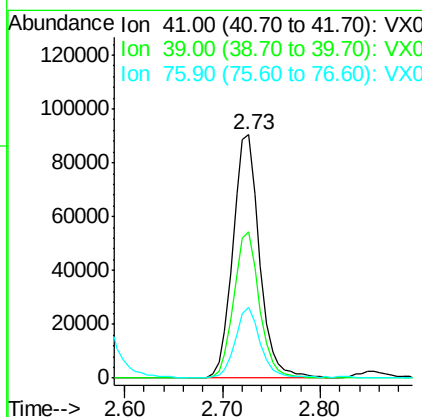
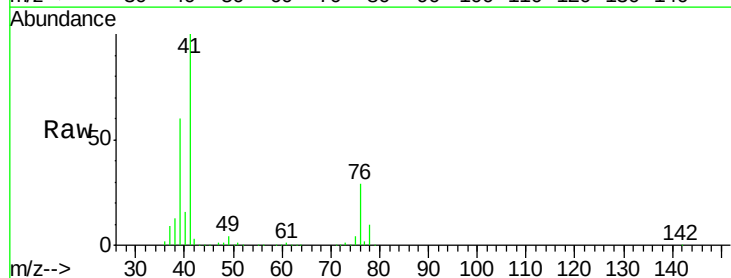
Manual Integrations
APPROVED

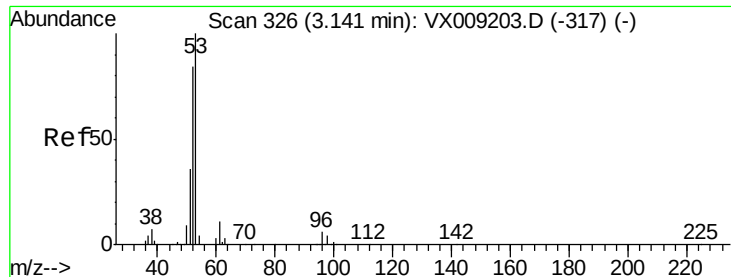
MMDadoda
5/8/2019 10:40:34 AM



#14
Allyl chloride
Concen: 46.058 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.5	46.7	70.1
76	26.7	21.8	32.8





#15

Acrylonitrile

Concen: 258.860 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

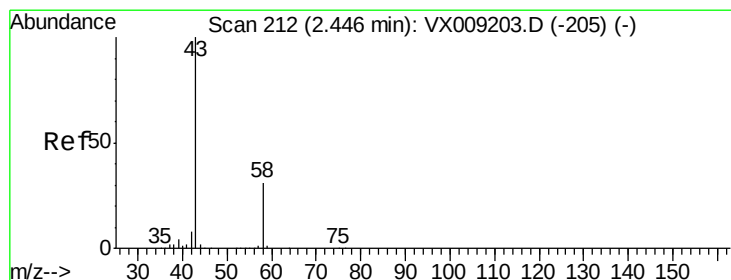
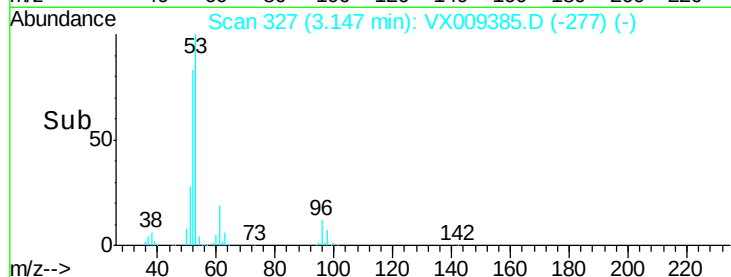
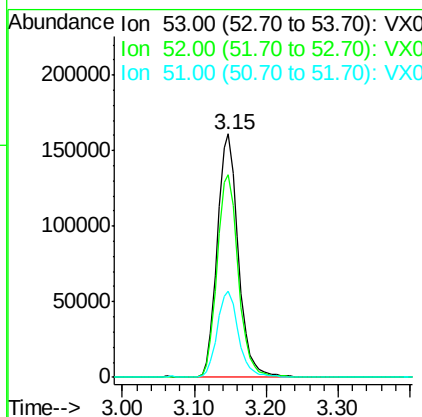
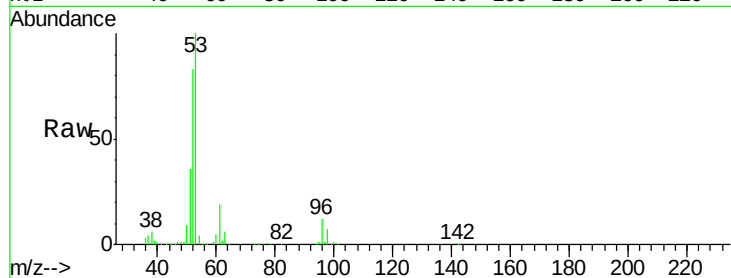
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	53	Resp:	325086
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.9	100.3
51	35.9	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
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#16

Acetone

Concen: 234.138 ug/l

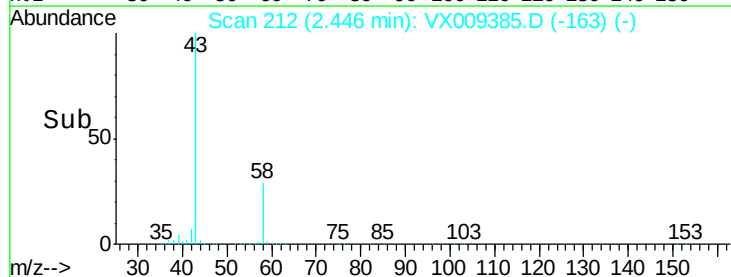
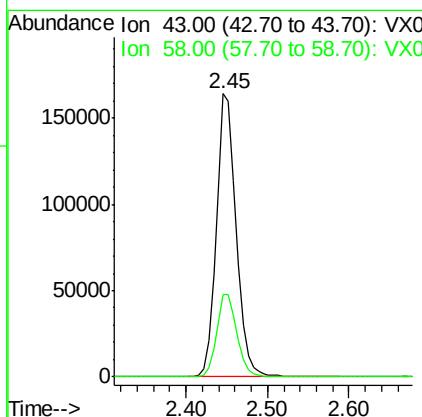
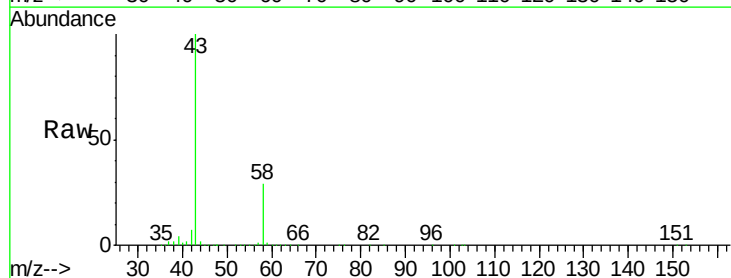
RT: 2.45 min Scan# 212

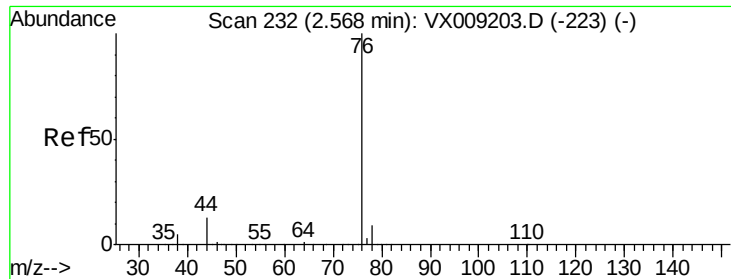
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	43	Resp:	278966
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.9	37.3





#17

Carbon Disulfide

Concen: 43.725 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 76 Resp: 187223

Ion Ratio Lower Upper

76 100

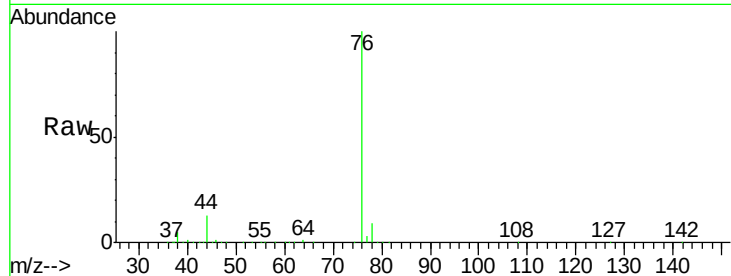
78 8.8 7.4 11.0

Manual Integrations

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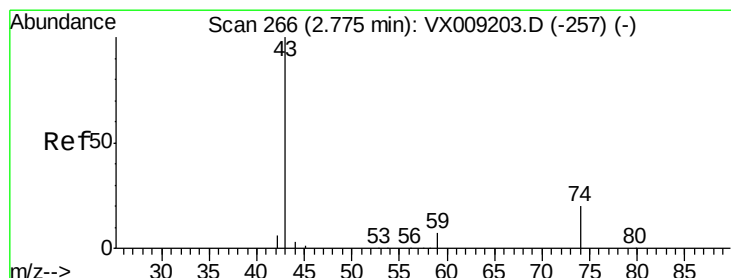
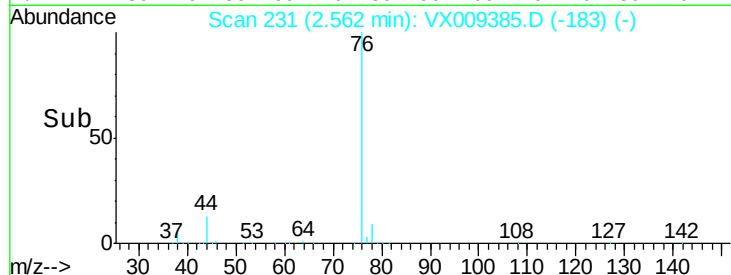
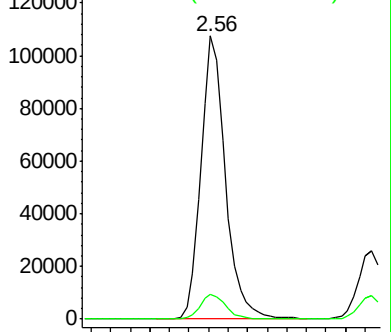
MMDadoda

5/8/2019 10:40:34 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.462 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009385.D

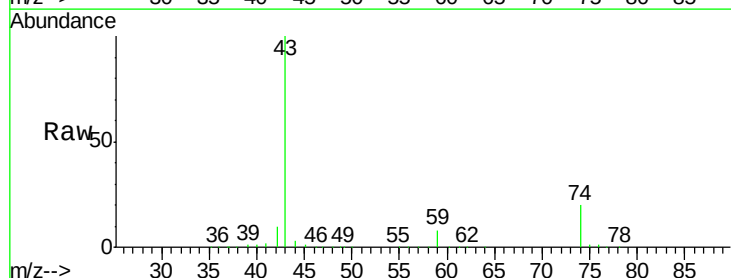
Acq: 07 May 2019 18:28

Tgt Ion: 43 Resp: 145818

Ion Ratio Lower Upper

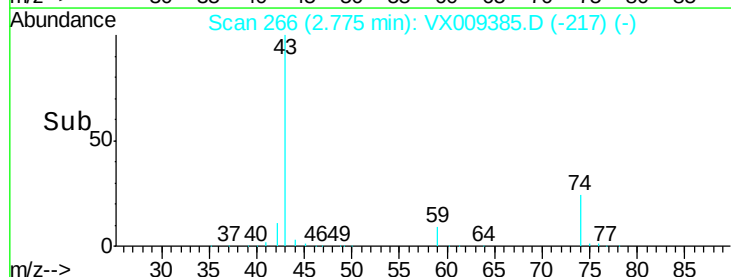
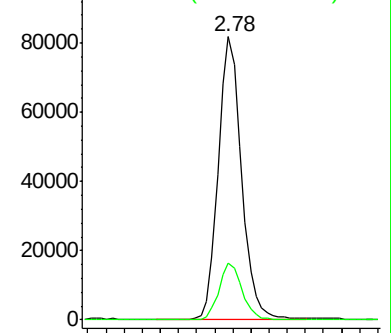
43 100

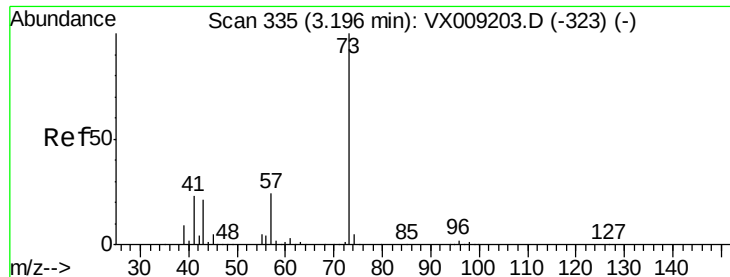
74 20.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





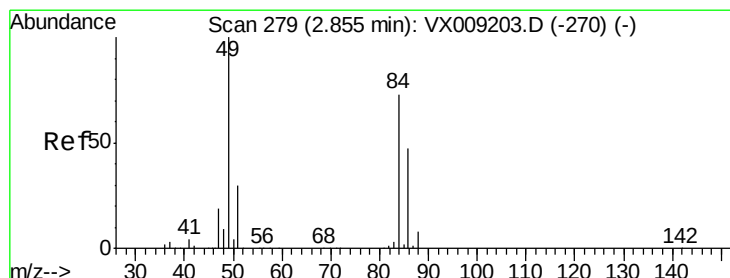
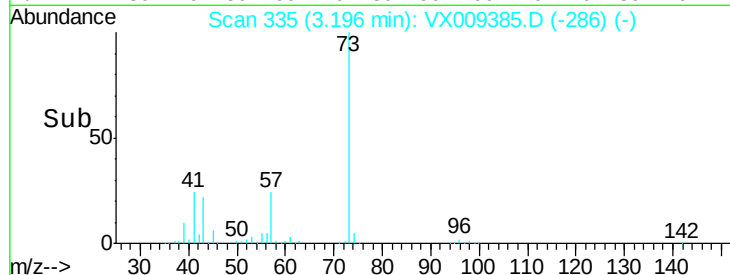
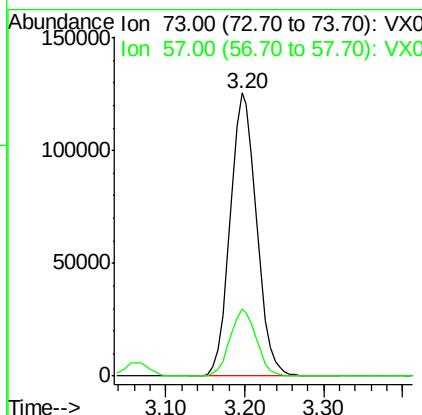
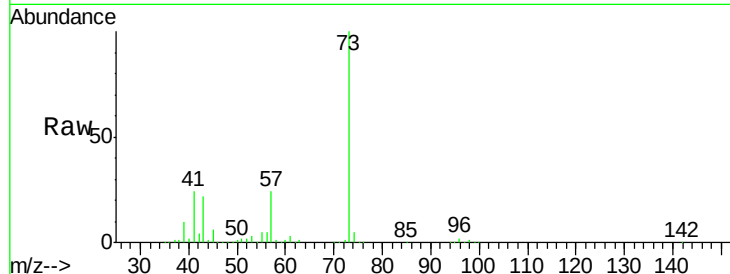
#19
Methyl tert-butyl Ether
Concen: 49.339 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	23.8	19.3	28.9

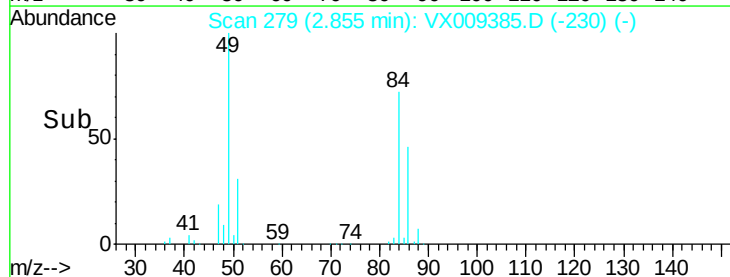
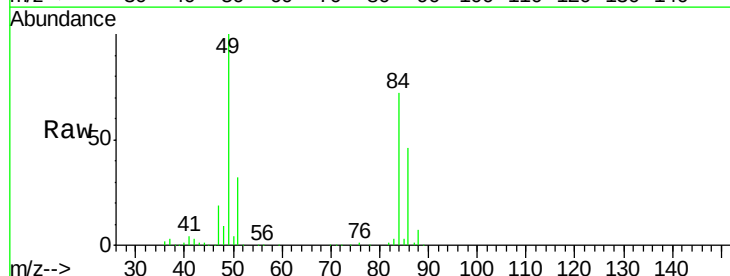
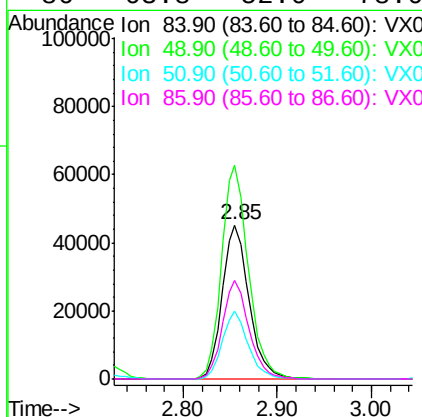
Manual Integrations
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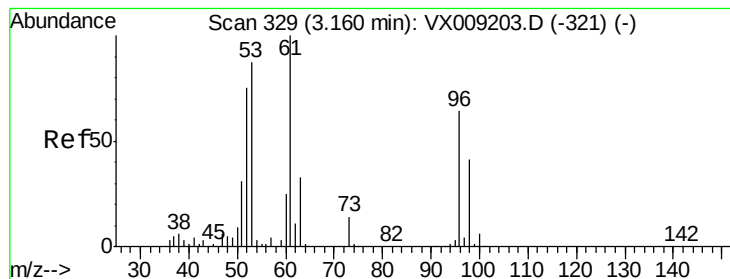
MMDadoda
5/8/2019 10:40:34 AM



#20
Methylene Chloride
Concen: 46.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	138.8	109.9	164.9
51	51	43.9	32.7	49.1
86	86	63.8	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 45.983 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 96 Resp: 76055

Ion Ratio Lower Upper

96 100

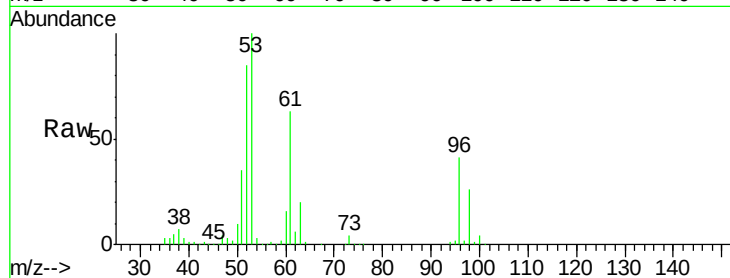
61 153.6 124.5 186.7

98 64.1 50.4 75.6

Manual Integrations
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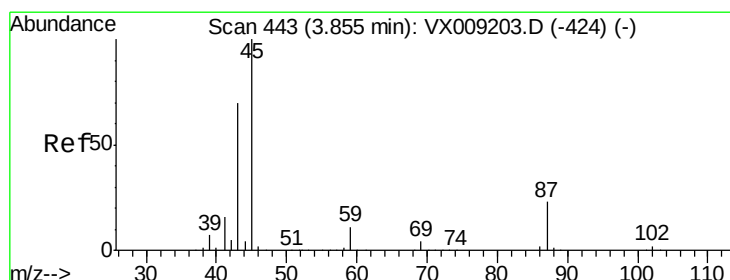
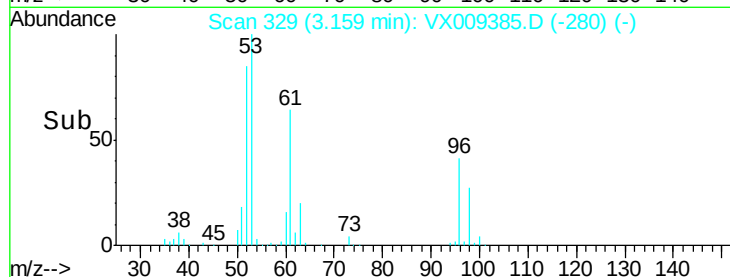
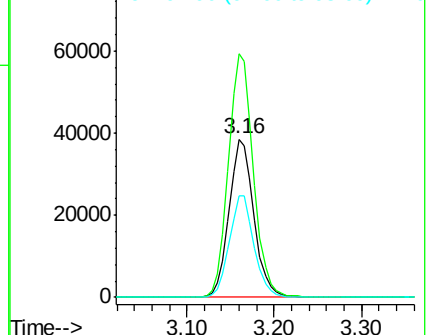


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.394 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion: 45 Resp: 345906

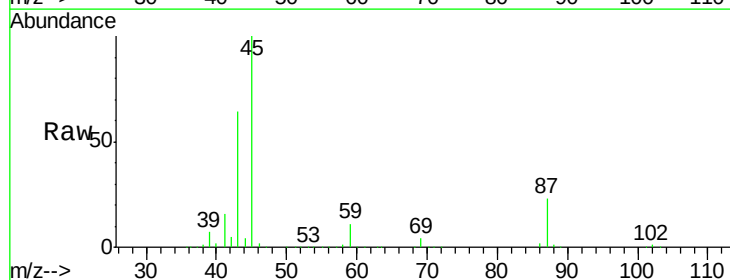
Ion Ratio Lower Upper

45 100

43 63.7 56.1 84.1

87 22.8 18.1 27.1

59 10.8 8.5 12.7



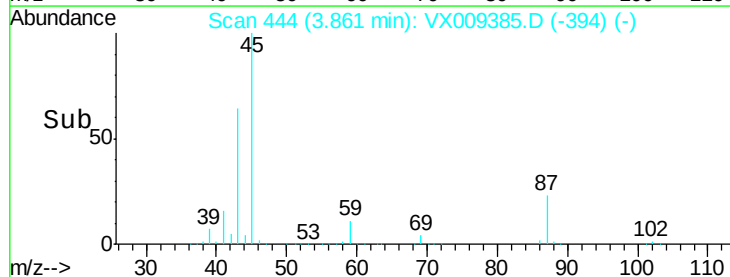
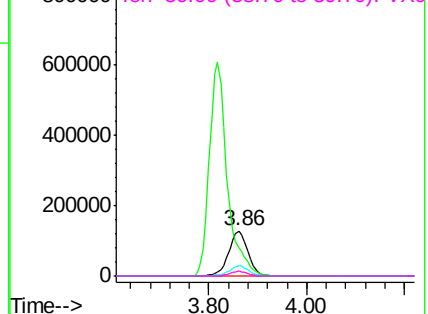
Abundance

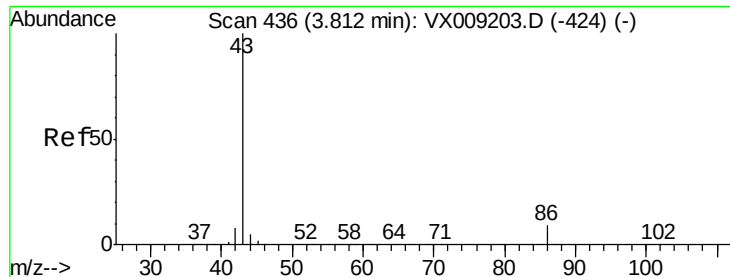
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.258 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 43 Resp: 155097

Ion Ratio Lower Upper

43 100

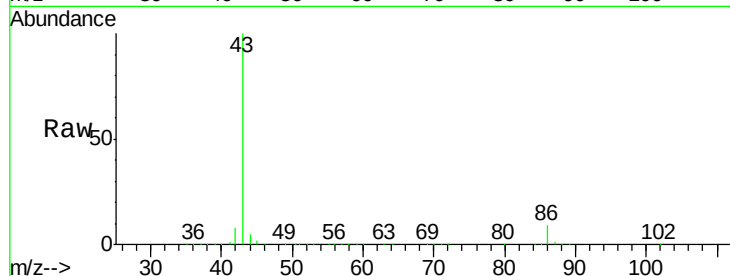
86 8.6 6.9 10.3

Manual Integrations

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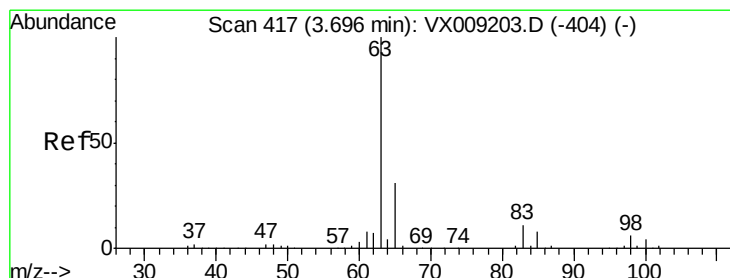
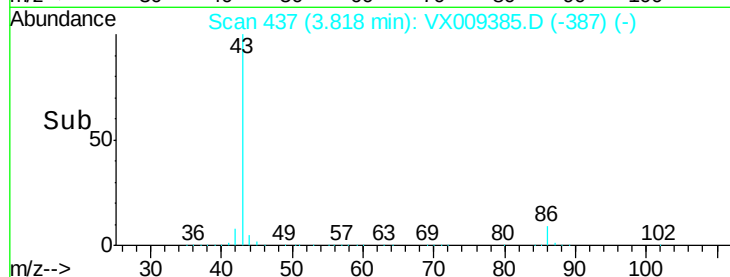
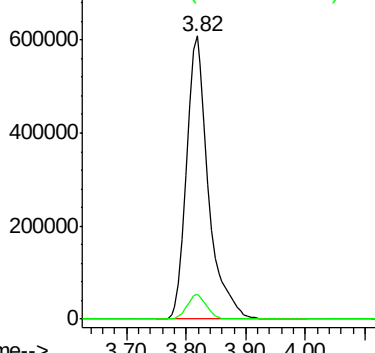
MMDadoda

5/8/2019 10:40:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.967 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

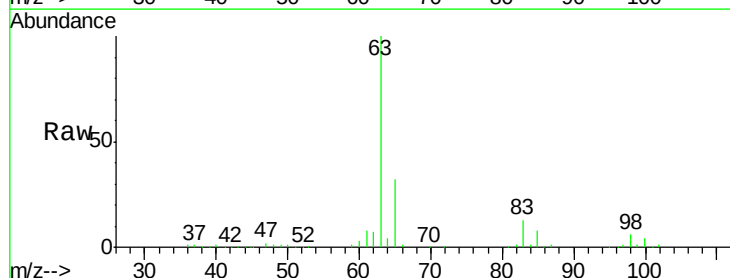
Tgt Ion: 63 Resp: 165608

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

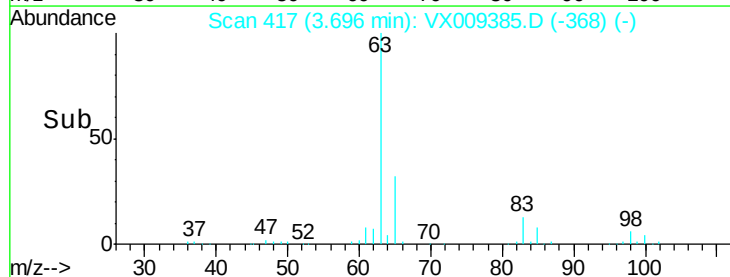
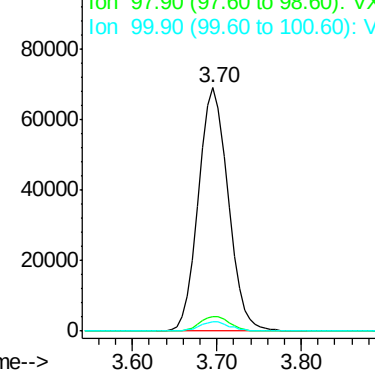
100 3.7 2.0 6.0

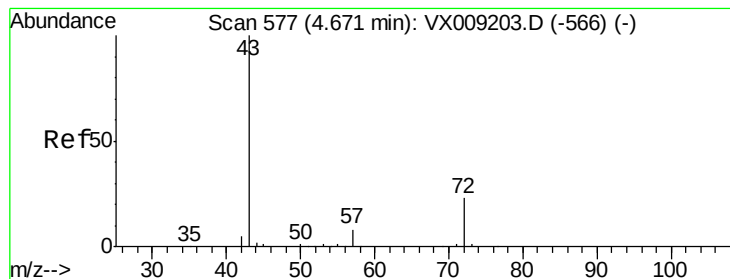


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 262.487 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 43 Resp: 485992

Ion Ratio Lower Upper

43 100

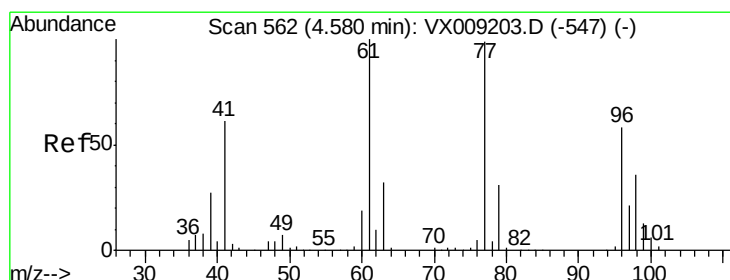
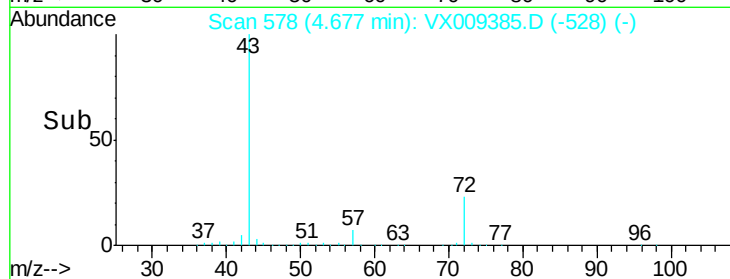
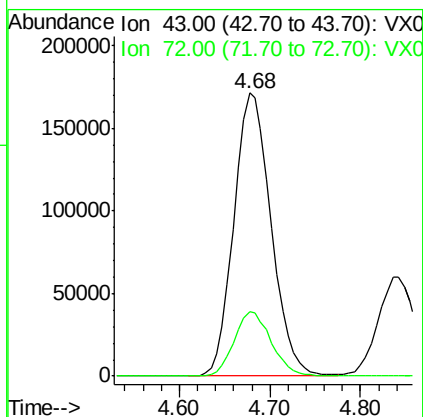
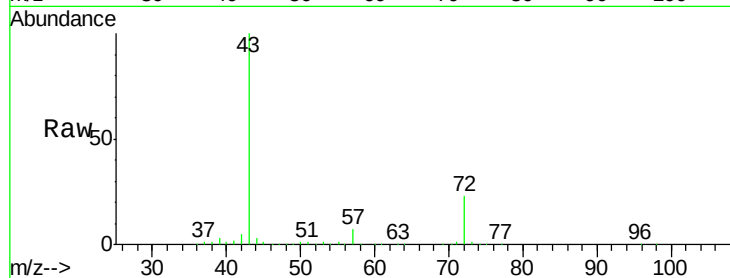
72 22.8 18.2 27.2

Manual Integrations

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MMDadoda

5/8/2019 10:40:34 AM



#26

2,2-Dichloropropane

Concen: 42.735 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009385.D

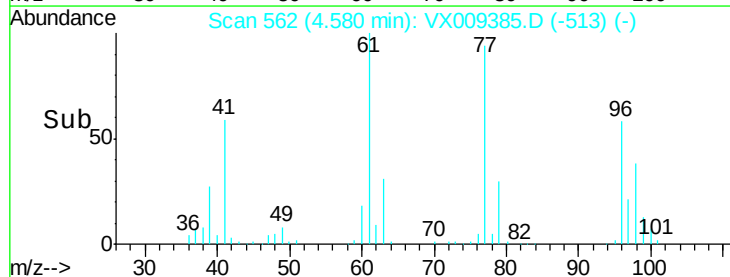
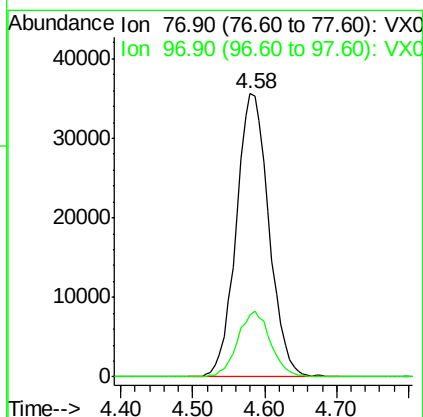
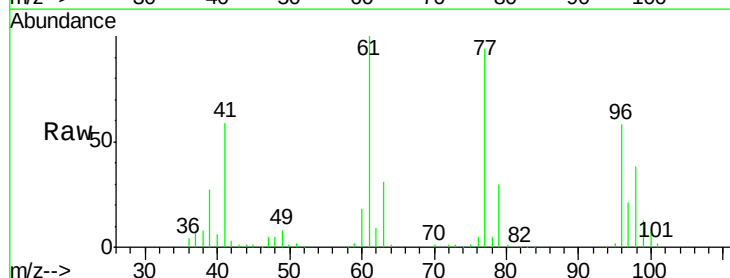
Acq: 07 May 2019 18:28

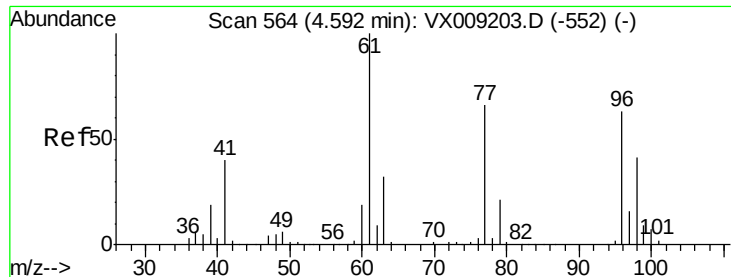
Tgt Ion: 77 Resp: 112160

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

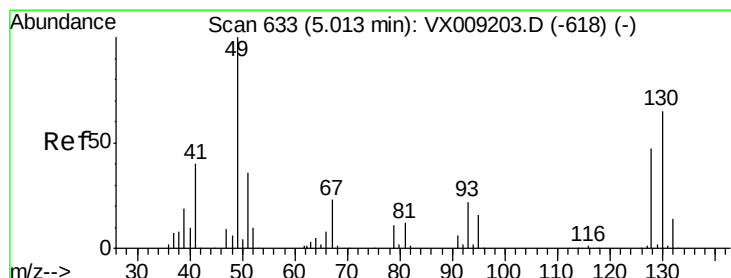
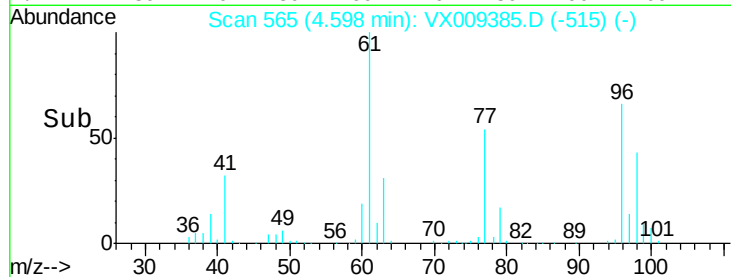
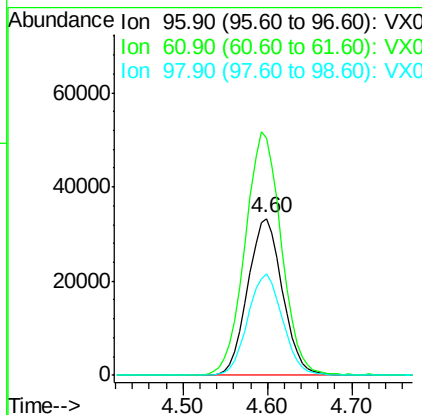
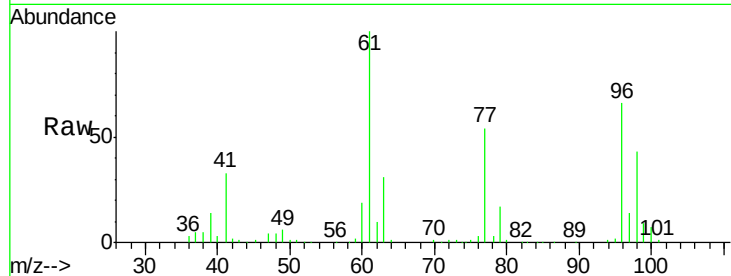
cis-1,2-Dichloroethene
Concen: 47.331 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	161.8	0.0	324.0	
98	64.8	0.0	130.4	

Manual Integrations
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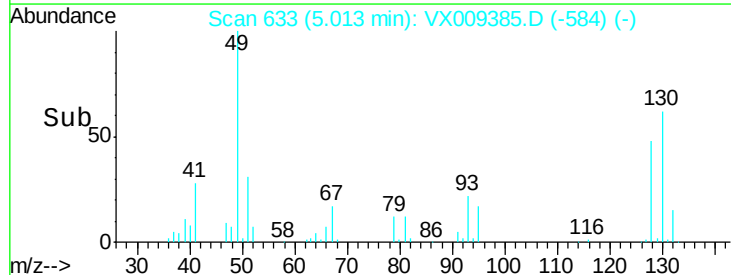
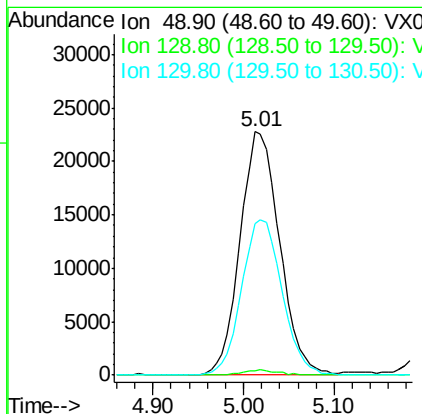
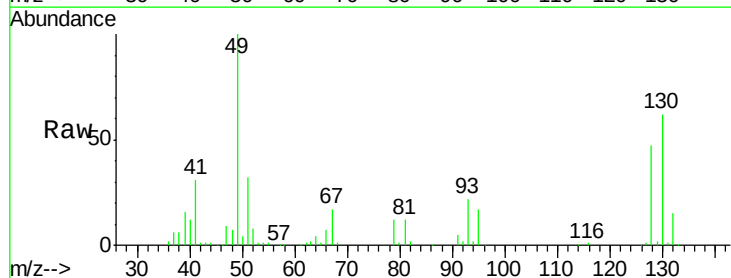
MMDadoda
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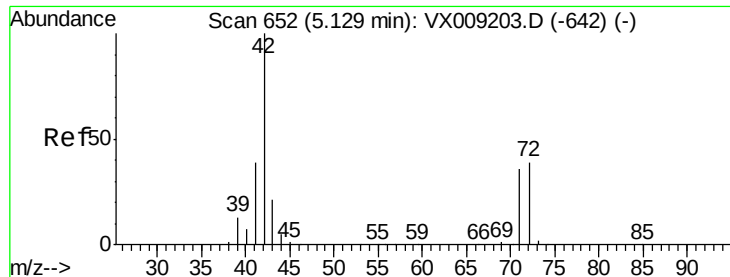


#28

Bromochloromethane
Concen: 48.608 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	64.9	51.2	76.8	





#29

Tetrahydrofuran

Concen: 267.803 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

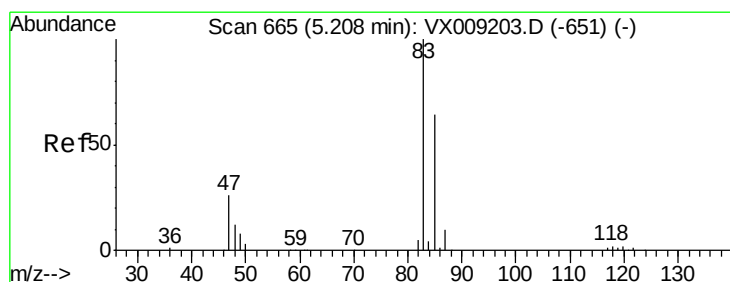
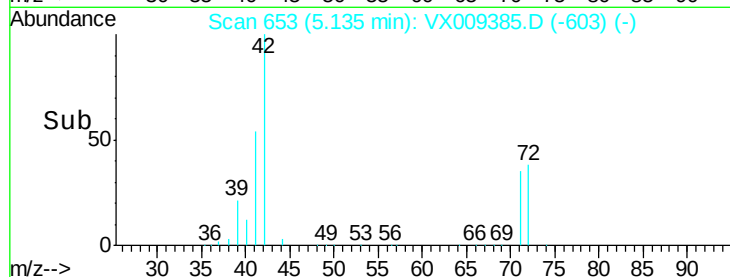
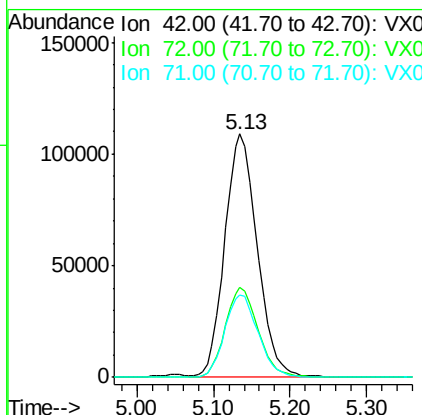
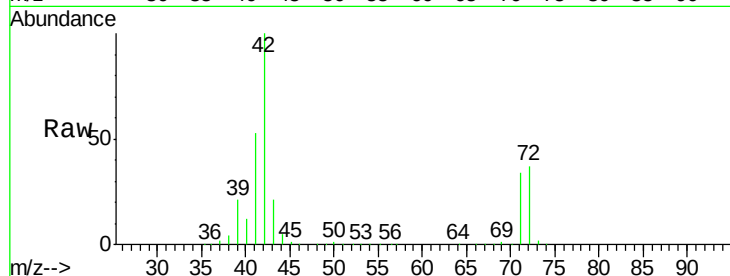
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	42	Resp:	319067
Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.1	28.6	43.0

Manual Integrations
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#30

Chloroform

Concen: 48.793 ug/l

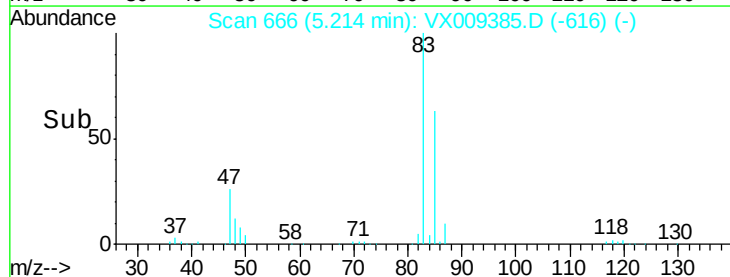
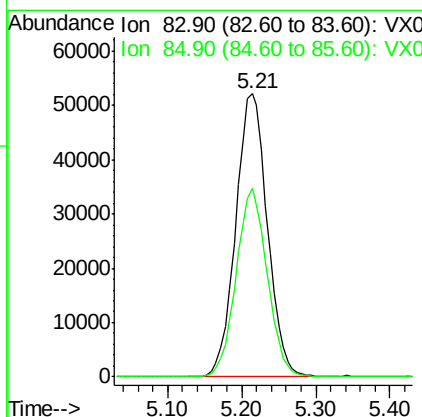
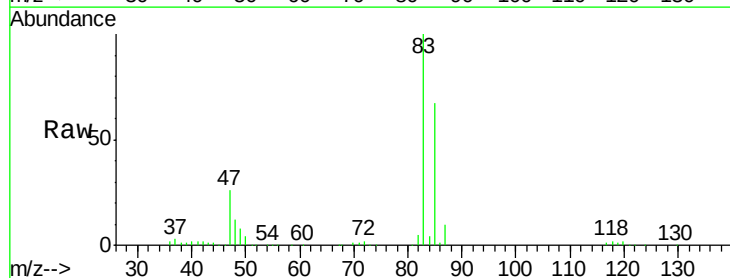
RT: 5.21 min Scan# 666

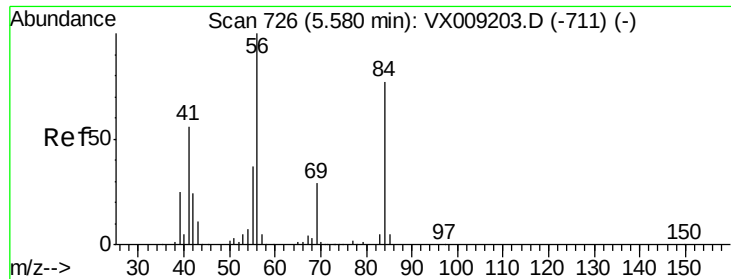
Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	83	Resp:	155604
Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.5	77.3





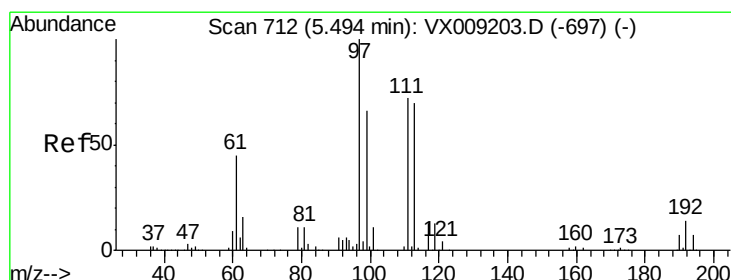
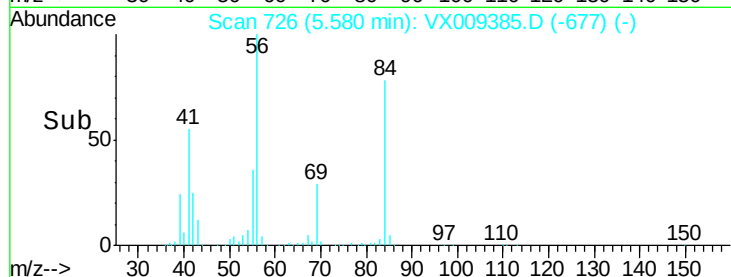
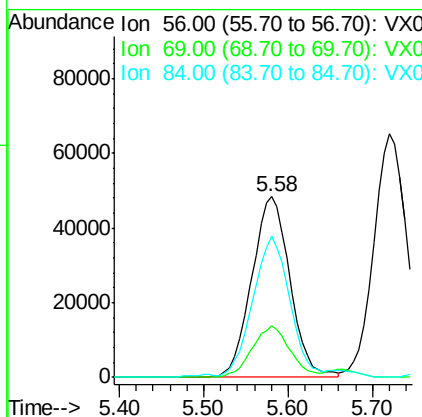
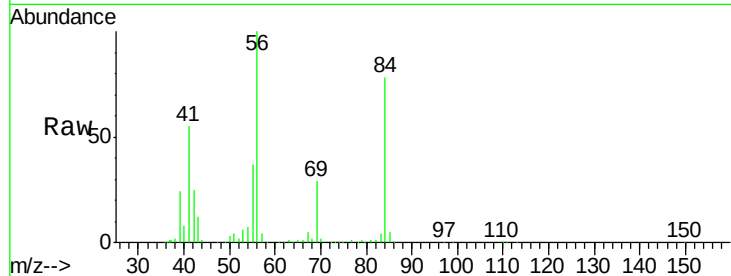
#31
Cyclohexane
Concen: 45.688 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.4	35.0
84	76.9	61.9	92.9

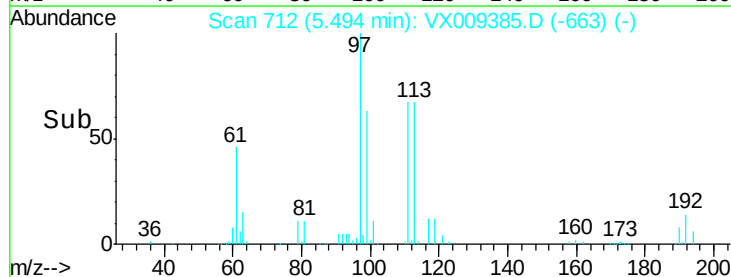
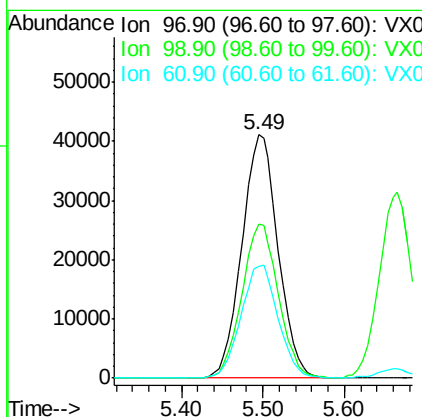
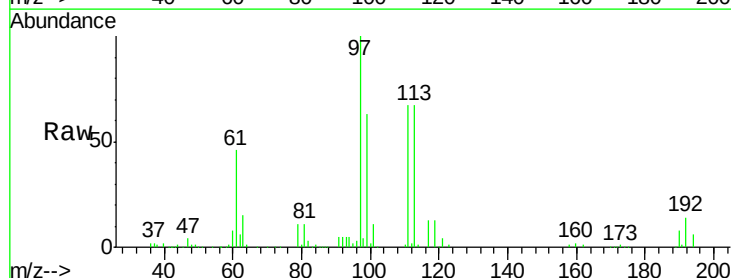
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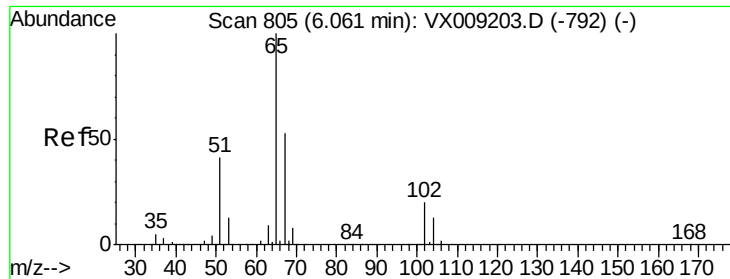
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#32
1,1,1-Trichloroethane
Concen: 47.684 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	47.8	37.8	56.8





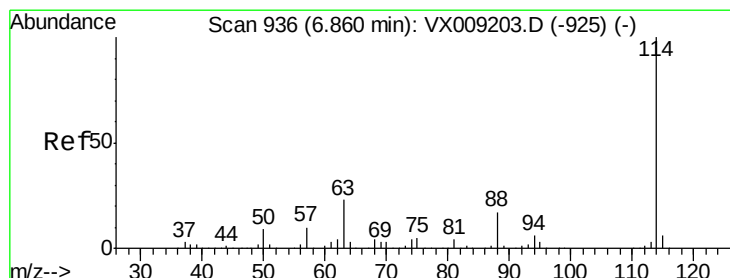
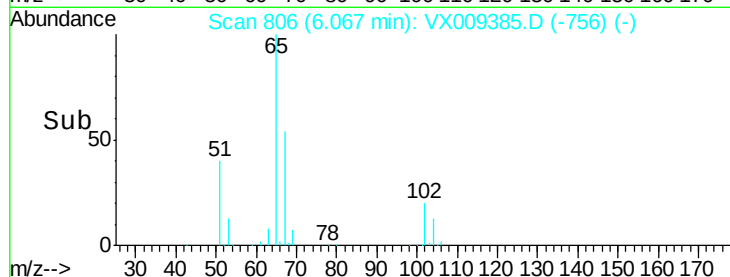
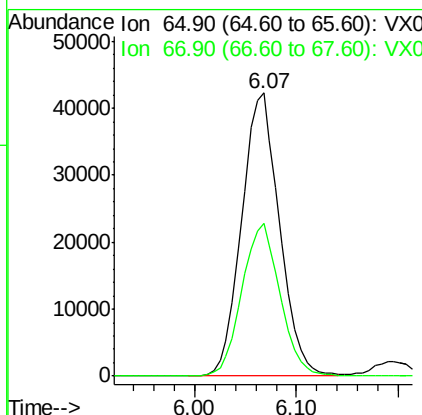
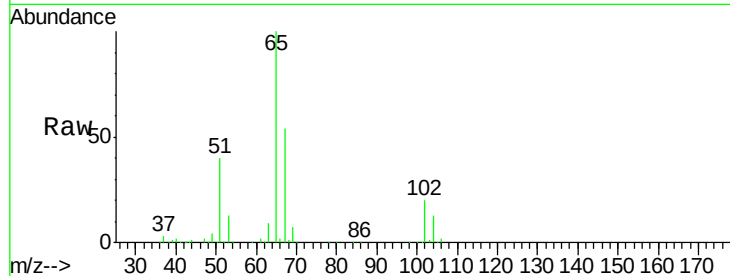
#33
 1,2-Dichloroethane-d4
 Concen: 49.163 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6

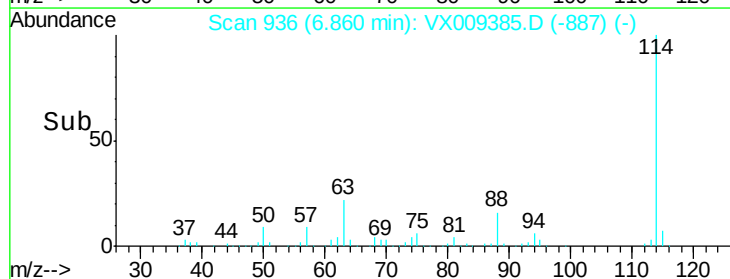
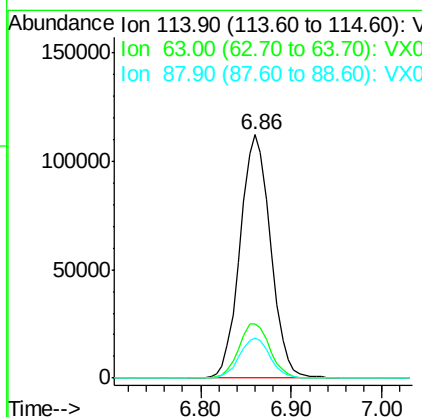
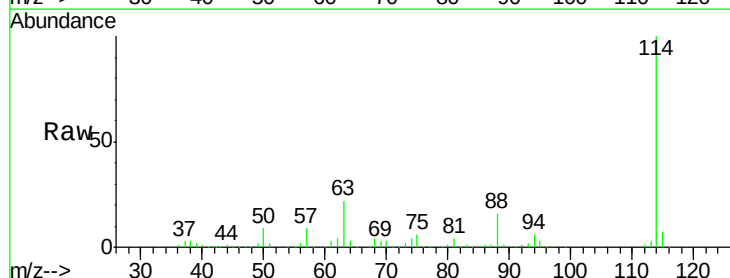
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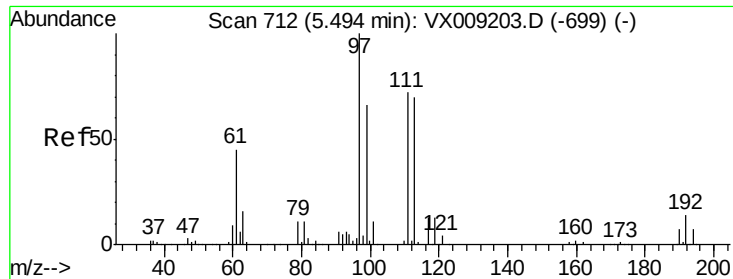
MMDadoda
 5/8/2019 10:40:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.6
88	16.3	0.0	33.2





#35

Dibromofluoromethane

Concen: 50.162 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

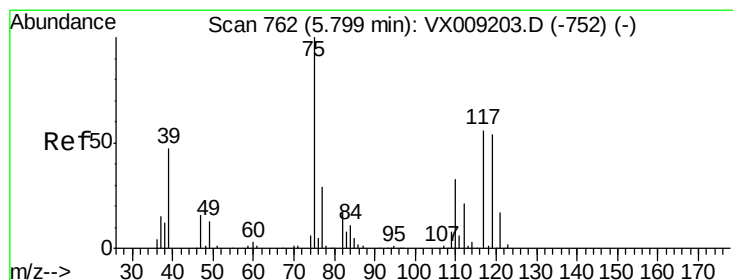
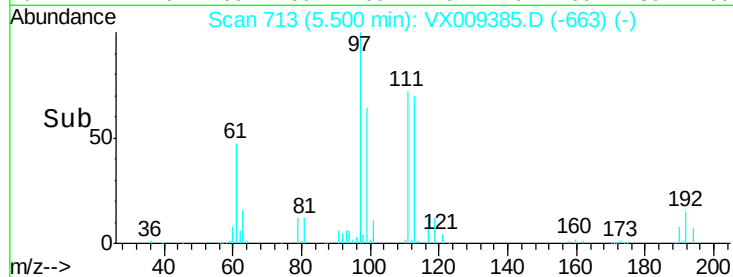
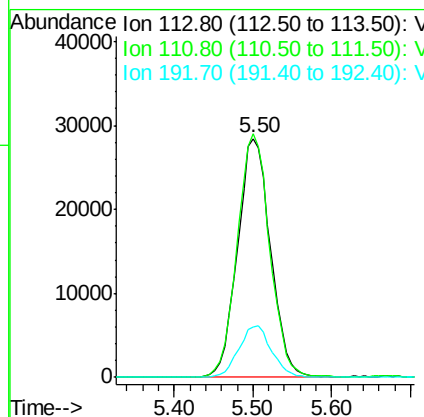
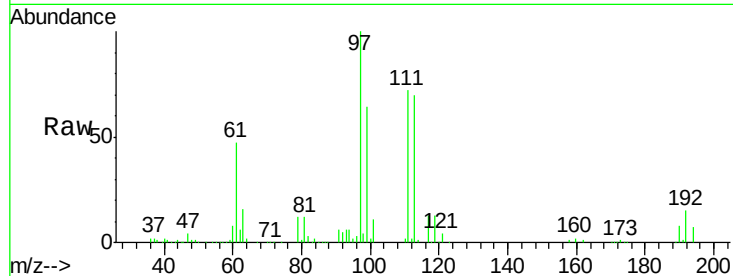
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	113	Resp:	82642
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.8	124.2
192	21.2	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 45.743 ug/l

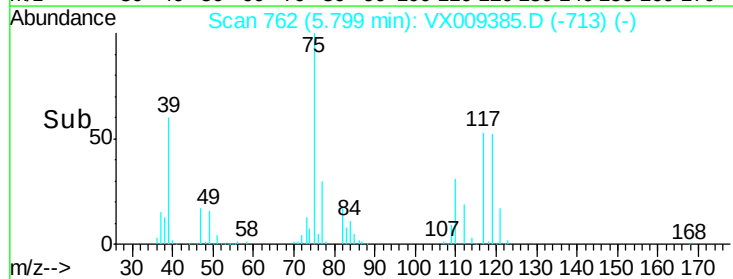
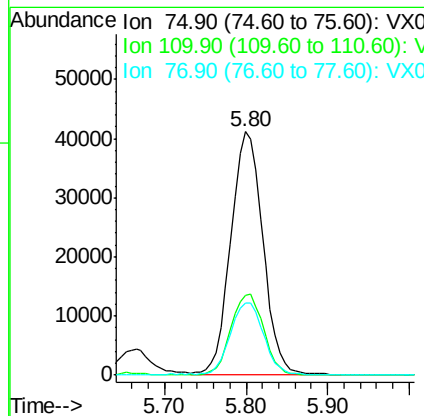
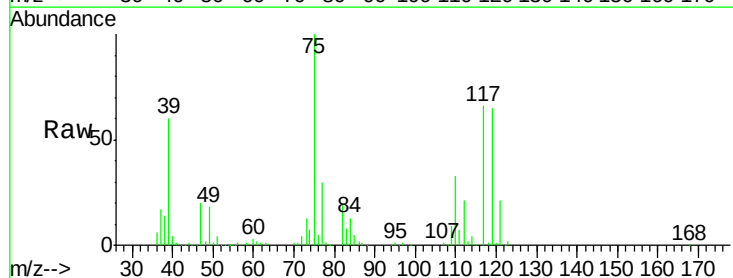
RT: 5.80 min Scan# 762

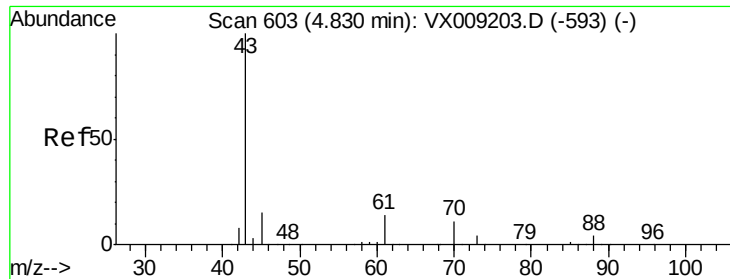
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	75	Resp:	111408
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.9	50.6
77	30.6	24.8	37.2





#37

Ethyl Acetate

Concen: 51.730 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

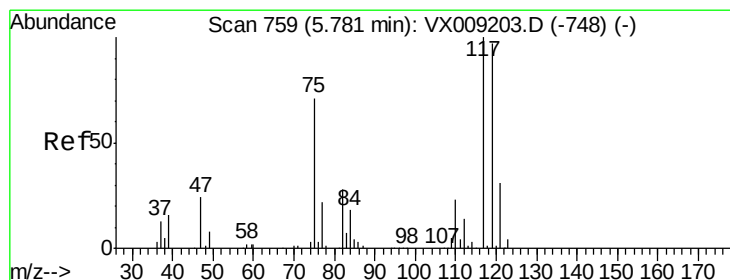
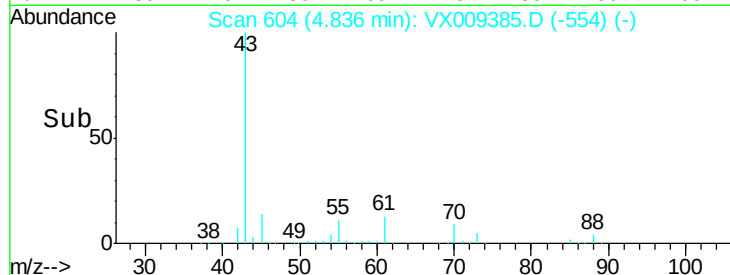
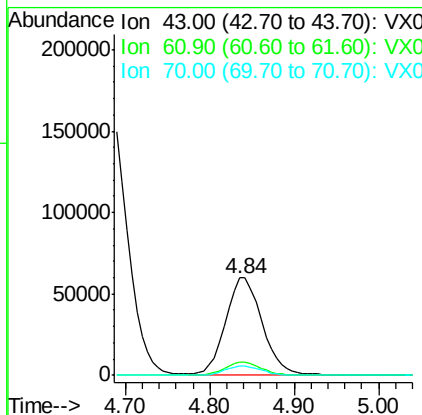
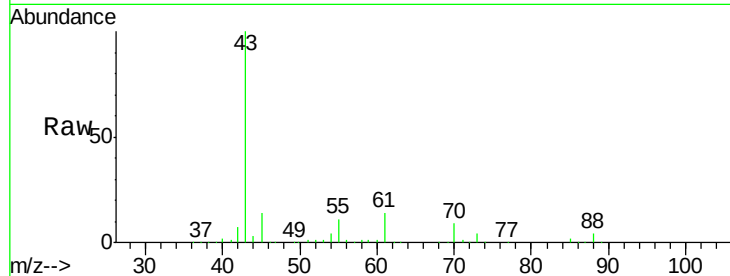
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	43	Resp:	175540
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	9.7	7.9	11.9

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.423 ug/l

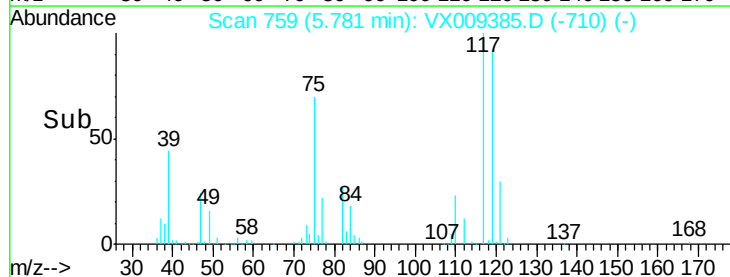
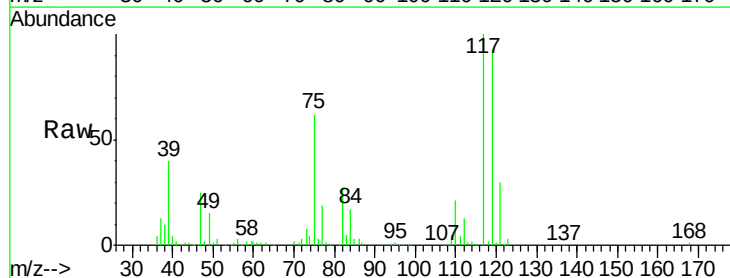
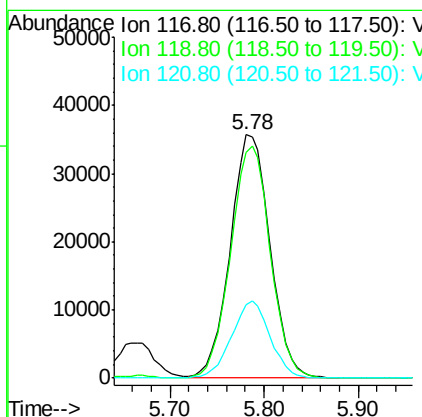
RT: 5.78 min Scan# 759

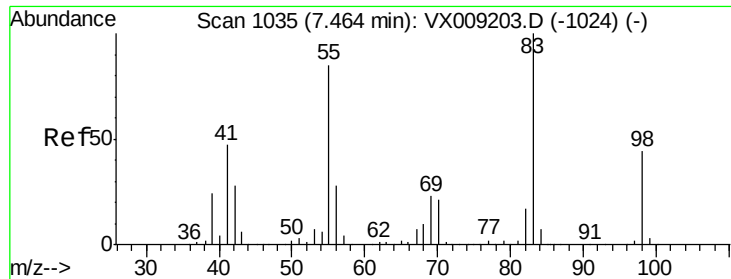
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	117	Resp:	104938
Ion	Ratio	Lower	Upper
117	100		
119	92.4	77.5	116.3
121	30.4	24.7	37.1





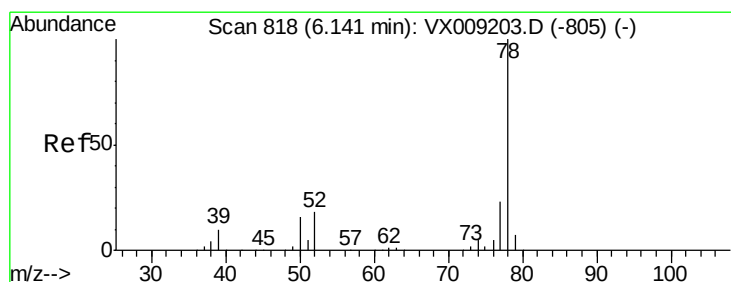
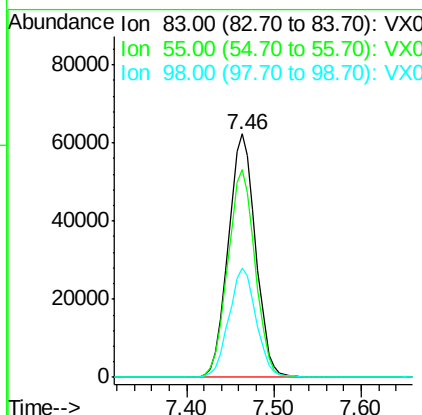
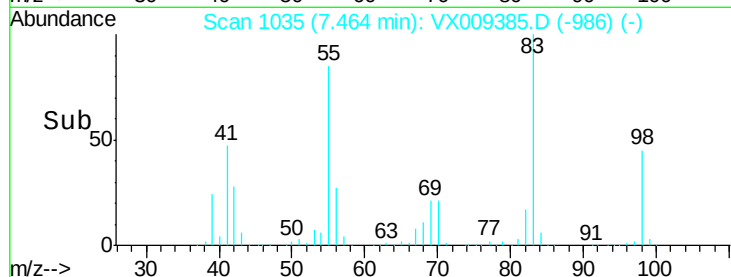
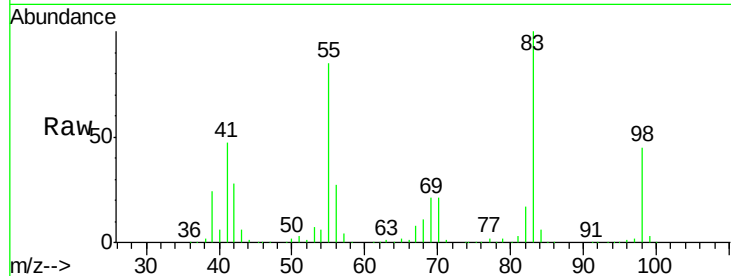
#39
Methylvlcyclohexane
Concen: 45.308 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	83	Resp	135517
Ion Ratio	Lower	Upper	
83	100		
55	85.3	67.7	101.5
98	44.8	35.5	53.3

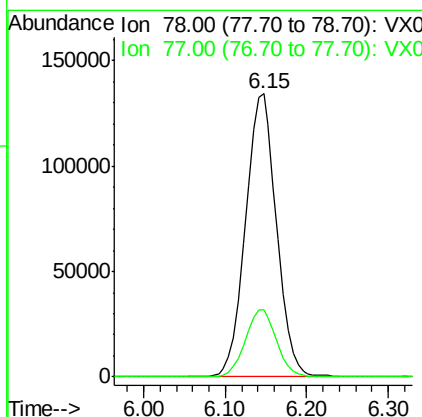
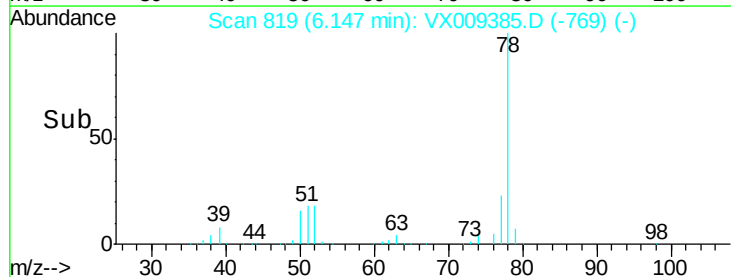
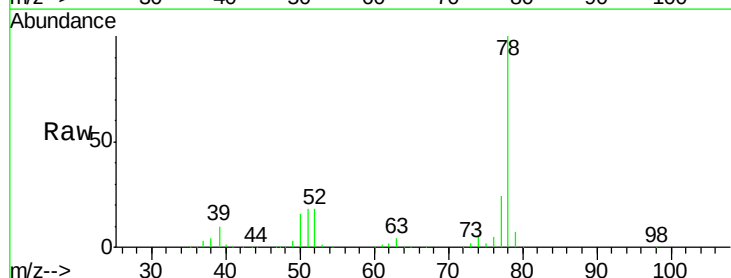
Manual Integrations
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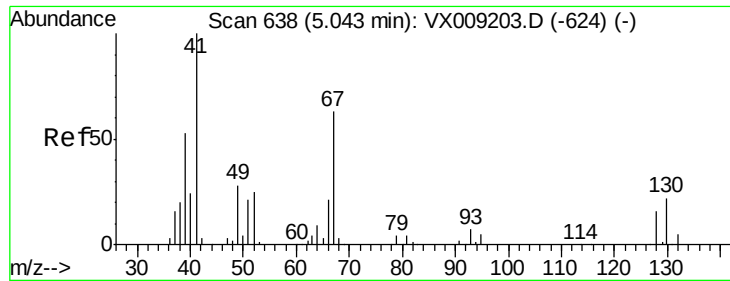
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#40
Benzene
Concen: 47.101 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	78	Resp	355024
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2





#41

Methacrylonitrile

Concen: 50.672 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

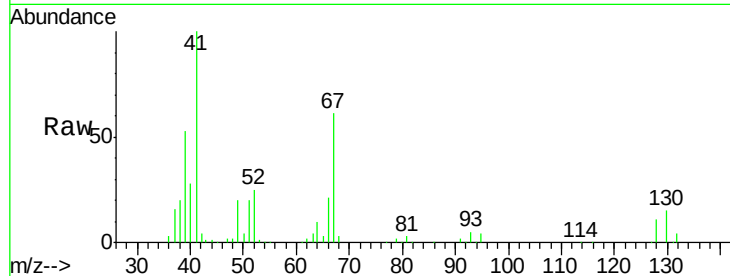
ClientSampleId :

SS003RW114R-190506MS

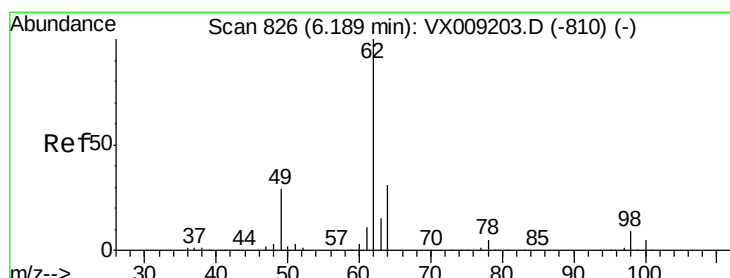
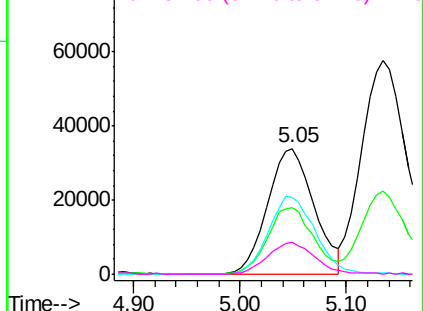
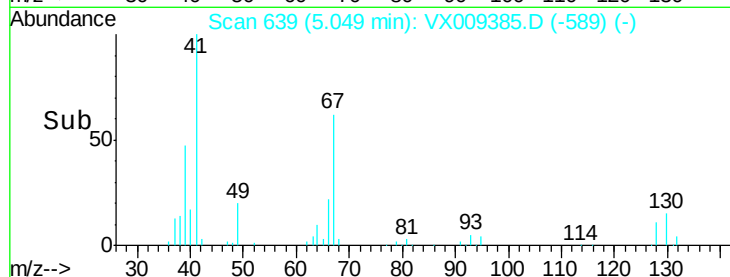
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.5	42.0	63.0		
67	62.6	49.8	74.8		
52	26.3	20.3	30.5		

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VX009385.D (-589) (-)



#42

1,2-Dichloroethane

Concen: 48.490 ug/l

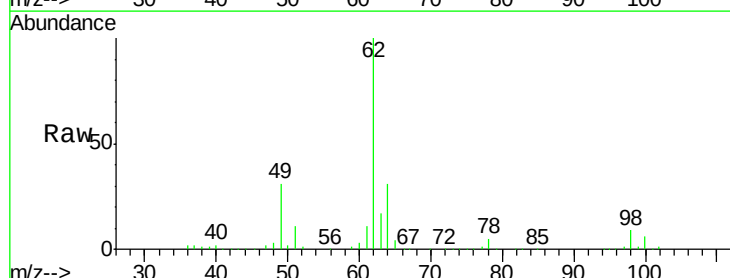
RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

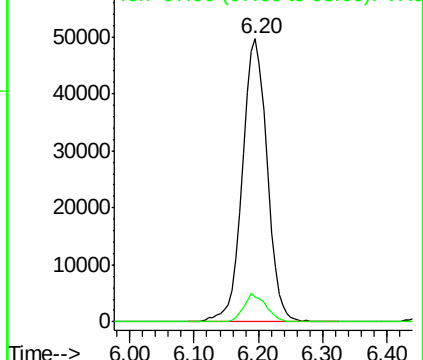
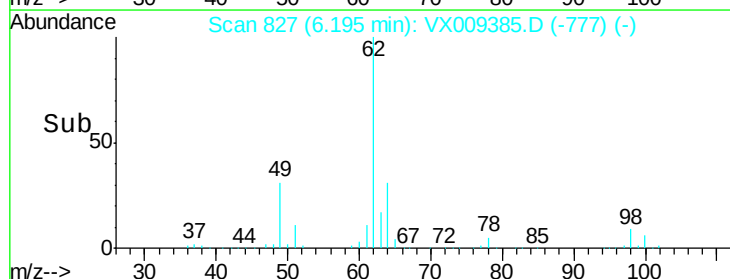
Lab File: VX009385.D

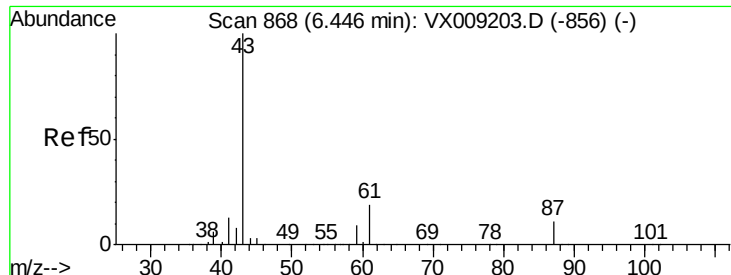
Acq: 07 May 2019 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.0	0.0	18.2		



Abundance Ion 61.90 (61.60 to 62.60): VX009385.D (-777) (-)





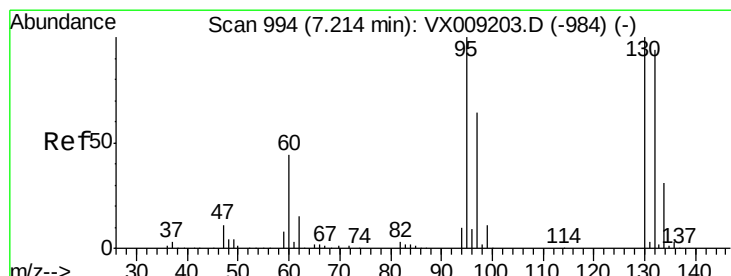
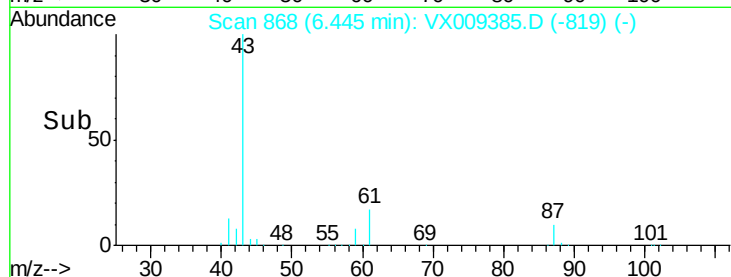
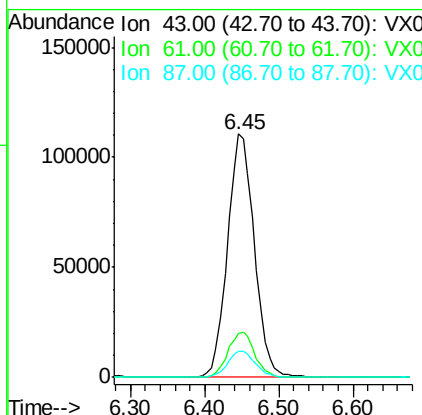
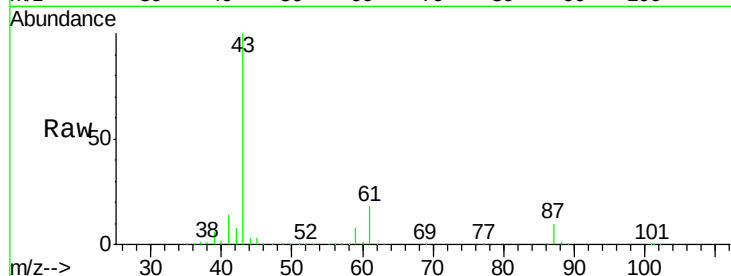
#43
Isopropyl Acetate
Concen: 51.135 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.2	9.0	13.6

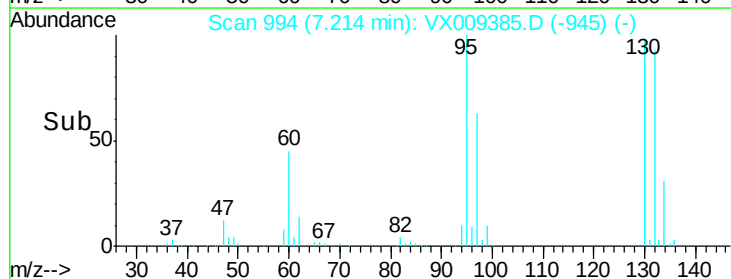
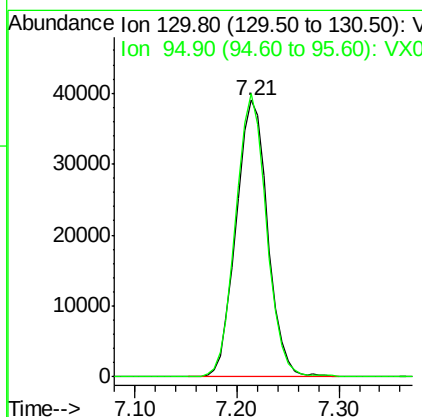
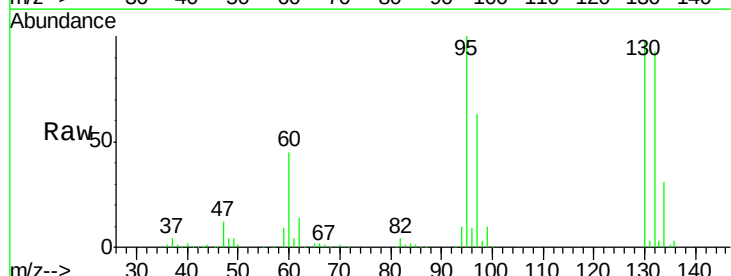
Manual Integrations
APPROVED

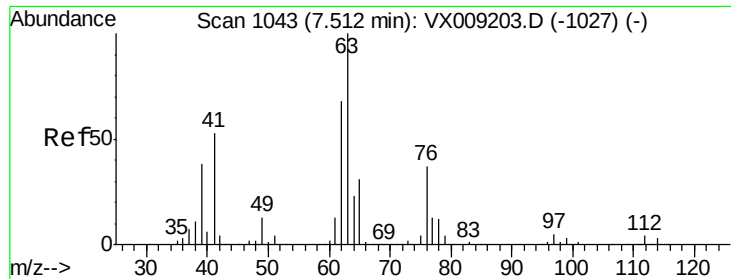
MMDadoda
5/8/2019 10:40:34 AM



#44
Trichloroethene
Concen: 45.895 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	199.2





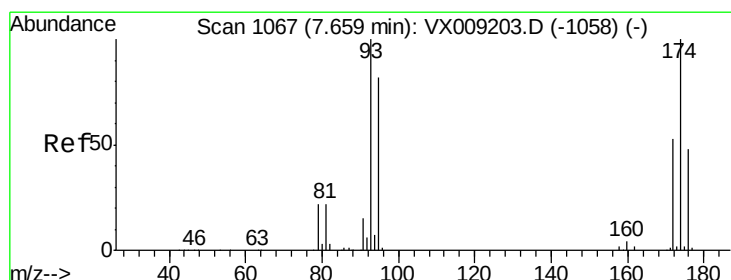
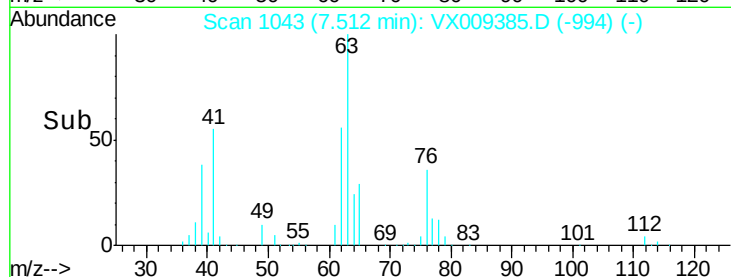
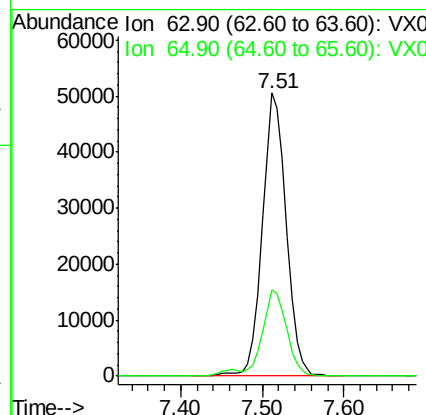
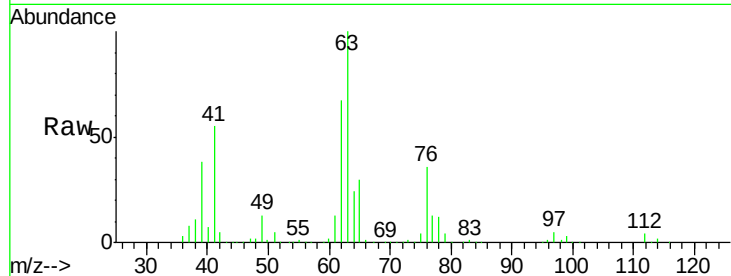
#45
 1,2-Dichloropropane
 Concen: 48.593 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion: 63 Resp: 103712
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6

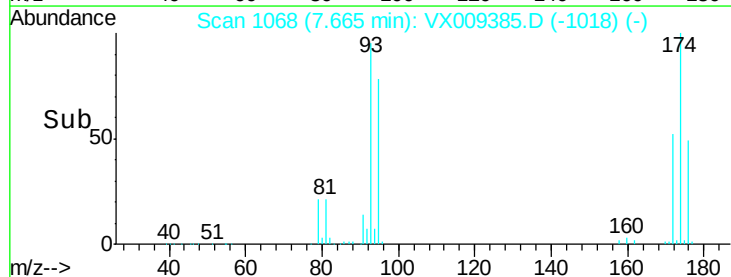
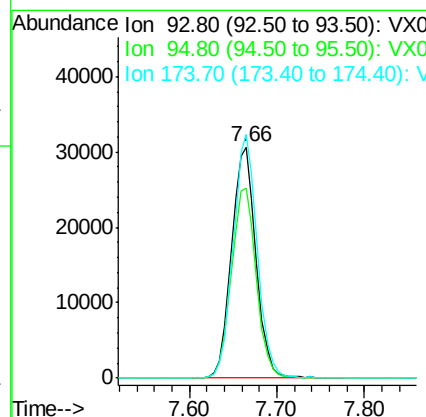
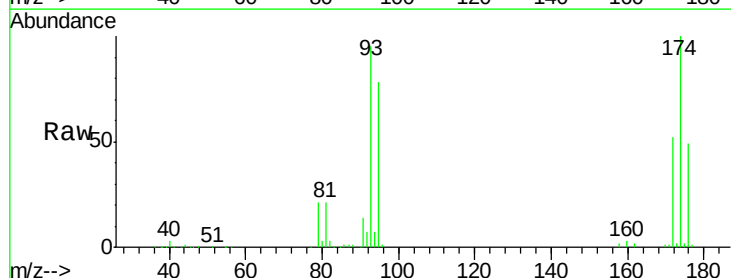
Manual Integrations
 APPROVED

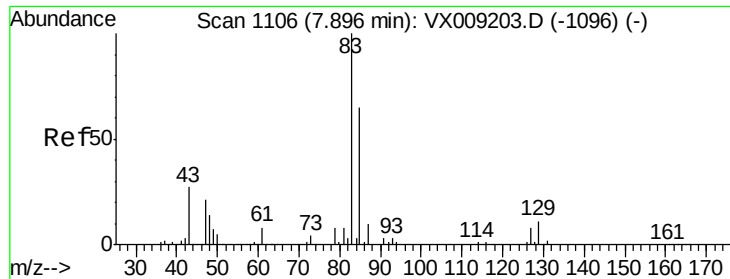
MMDadoda
 5/8/2019 10:40:34 AM



#46
 Dibromomethane
 Concen: 48.052 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 93 Resp: 59556
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.5 99.7
 174 103.9 82.1 123.1





#47

Bromodichloromethane

Concen: 48.946 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

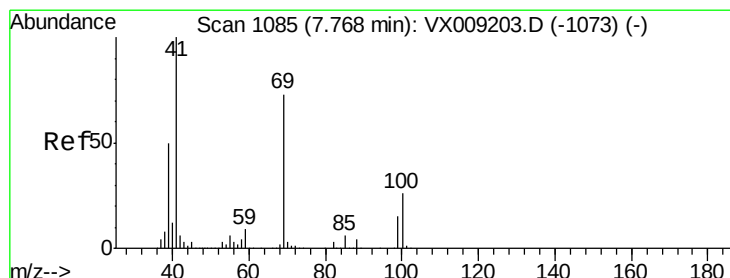
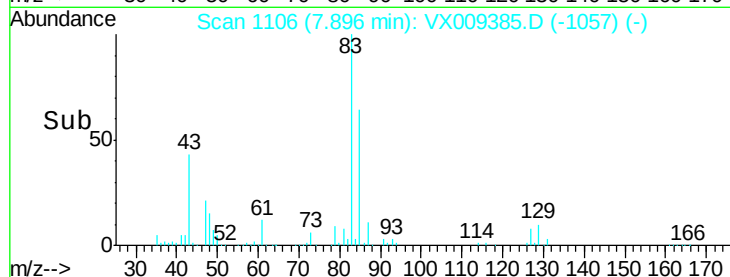
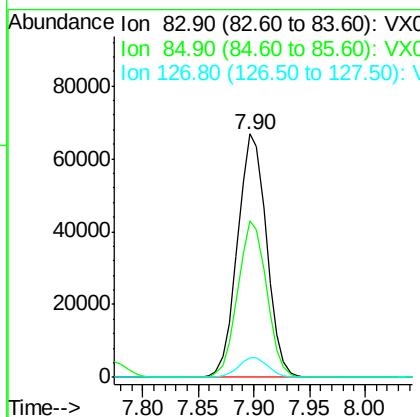
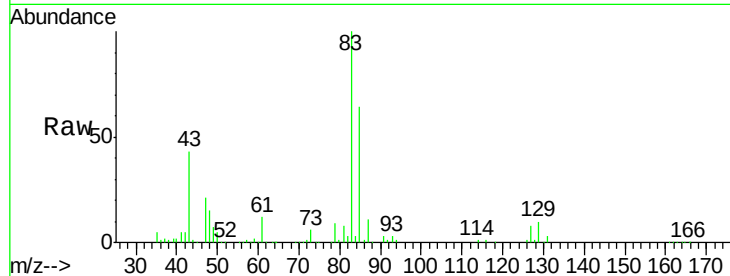
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	83	Resp:	121008
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6
127	8.2	6.6	10.0

Manual Integrations
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MMDadoda
5/8/2019 10:40:34 AM



#48

Methyl methacrylate

Concen: 51.263 ug/l

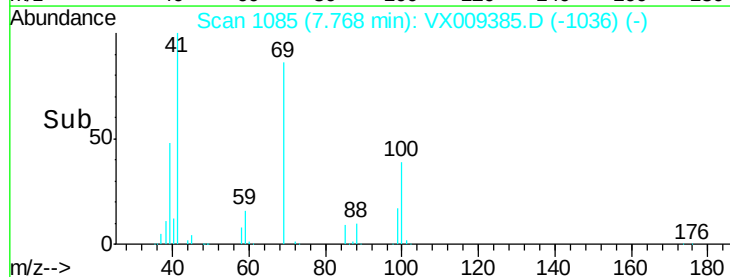
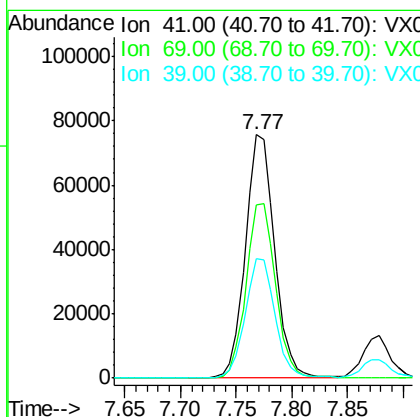
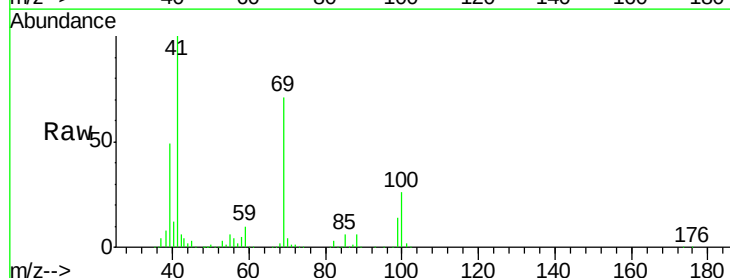
RT: 7.77 min Scan# 1085

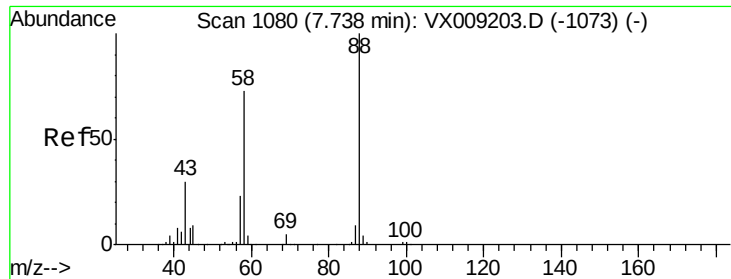
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	41	Resp:	138046
Ion	Ratio	Lower	Upper
41	100		
69	73.2	59.1	88.7
39	50.3	40.4	60.6





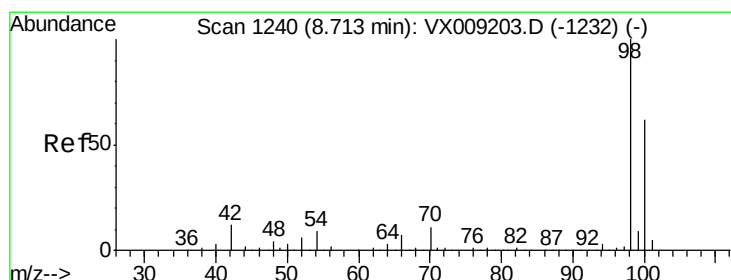
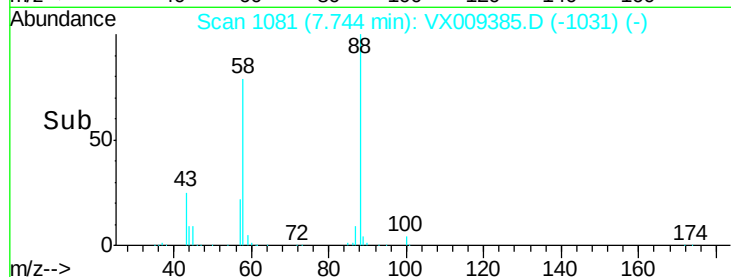
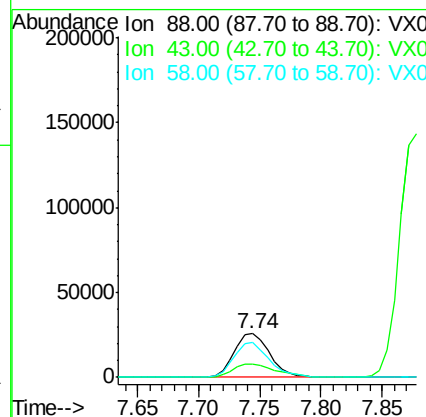
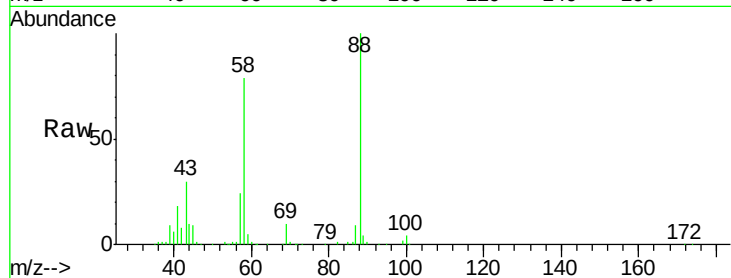
#49
1,4-Dioxane
Concen: 949.225 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	28.6	42.8
58	80.1	61.7	92.5

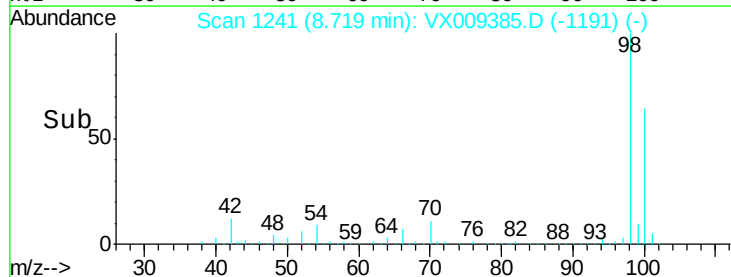
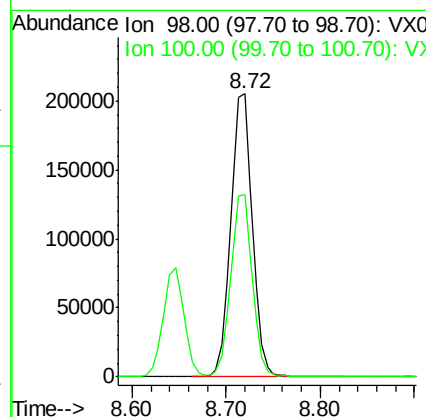
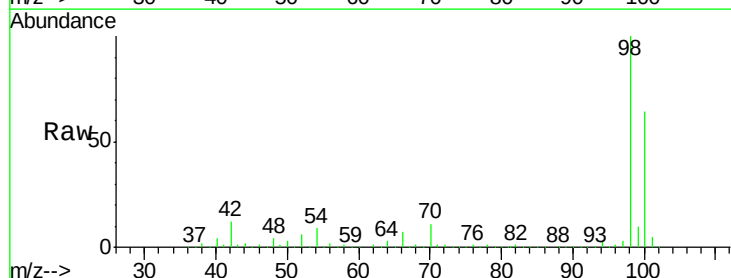
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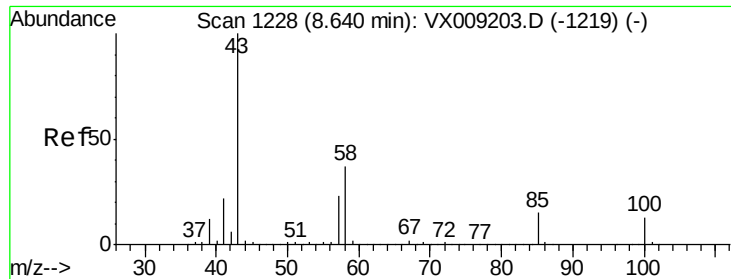
MMDadoda
5/8/2019 10:40:34 AM



#50
Toluene-d8
Concen: 48.952 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 271.554 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 43 Resp: 963415

Ion Ratio Lower Upper

43 100

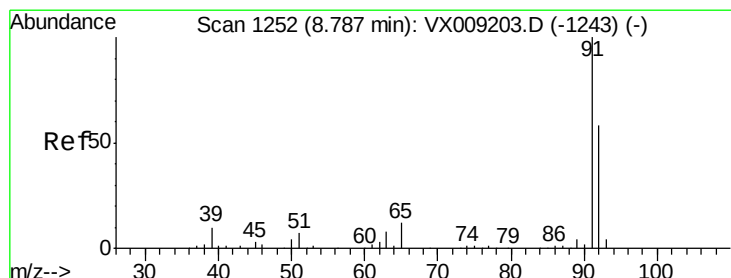
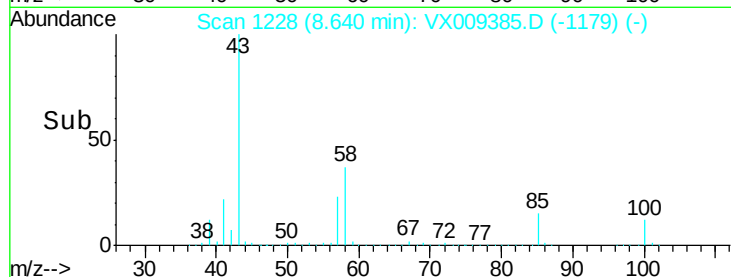
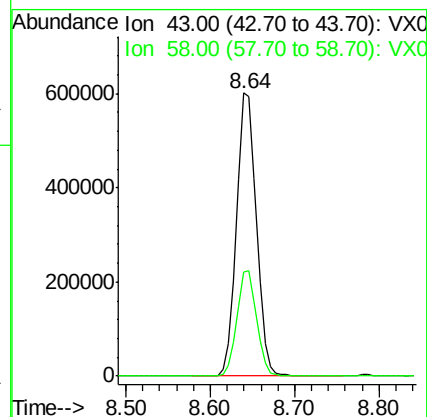
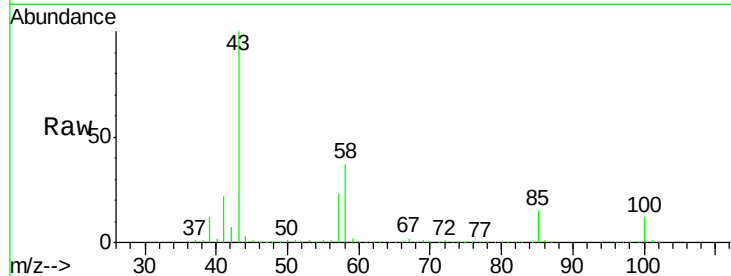
58 36.8 29.5 44.3

Manual Integrations

APPROVED

MMDadoda

5/8/2019 10:40:34 AM



#52

Toluene

Concen: 47.591 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009385.D

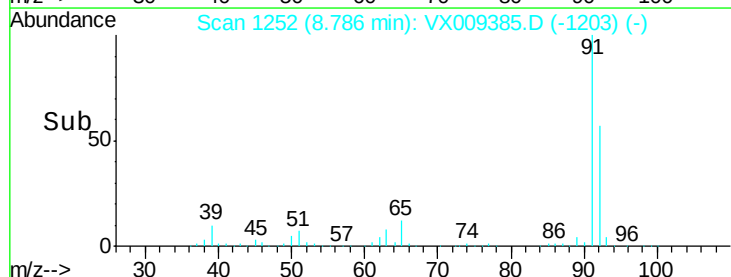
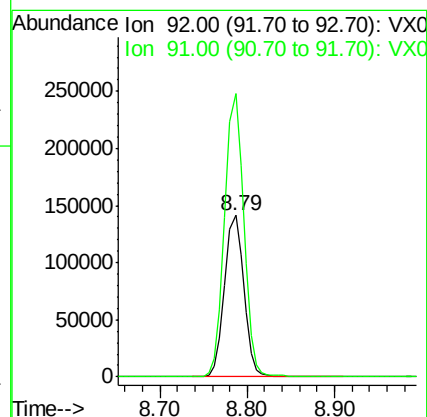
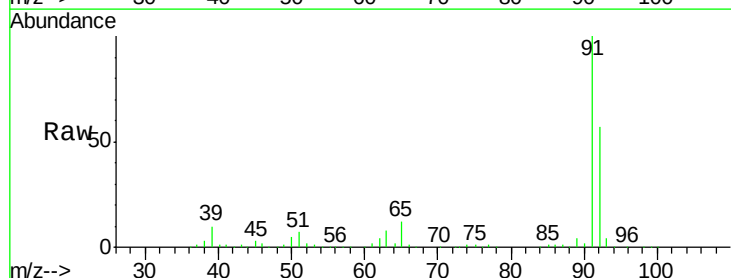
Acq: 07 May 2019 18:28

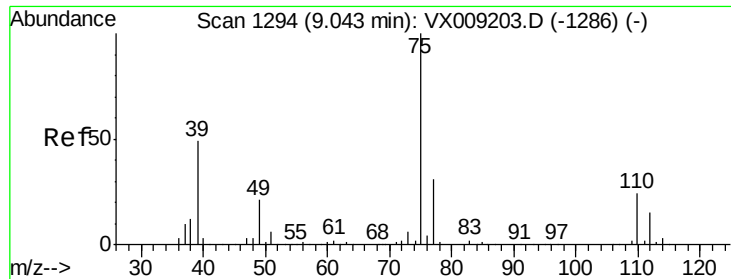
Tgt Ion: 92 Resp: 218053

Ion Ratio Lower Upper

92 100

91 173.6 138.8 208.2





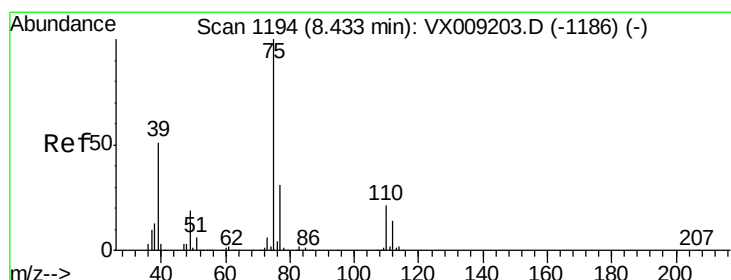
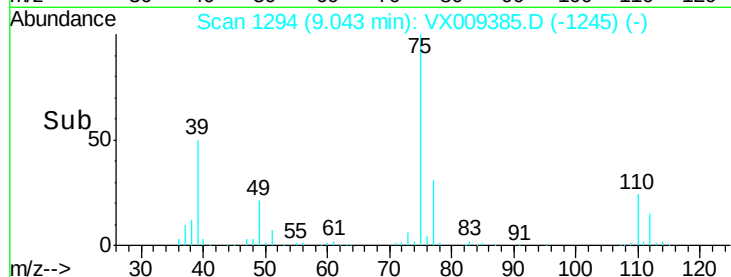
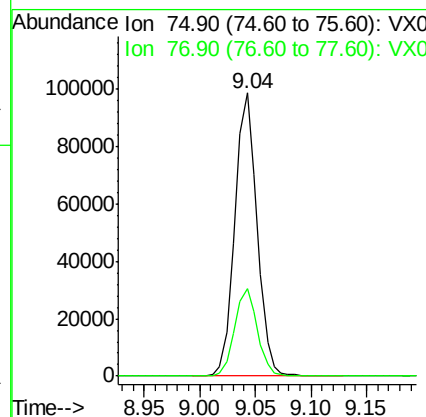
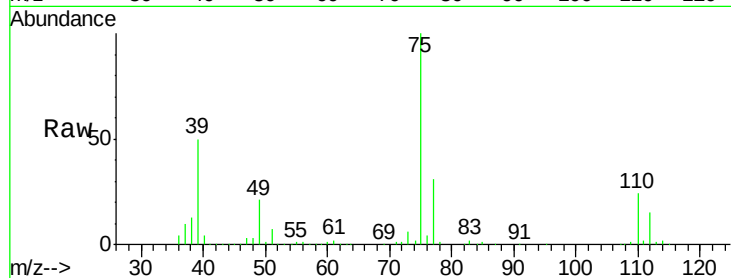
#53
t-1,3-Dichloropropene
Concen: 48.942 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion: 75 Resp: 136609
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6

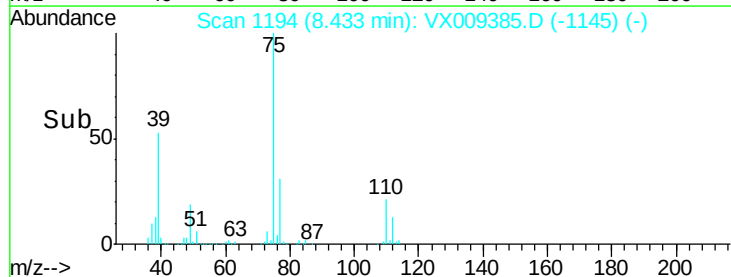
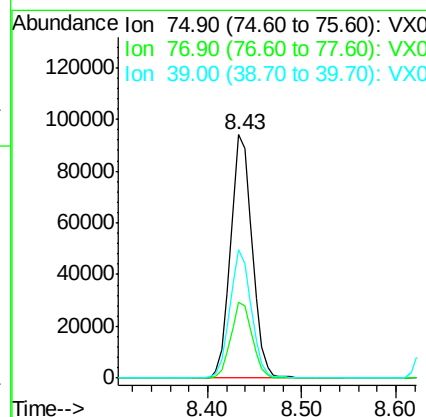
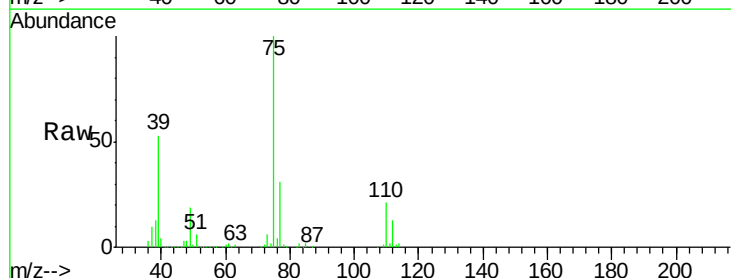
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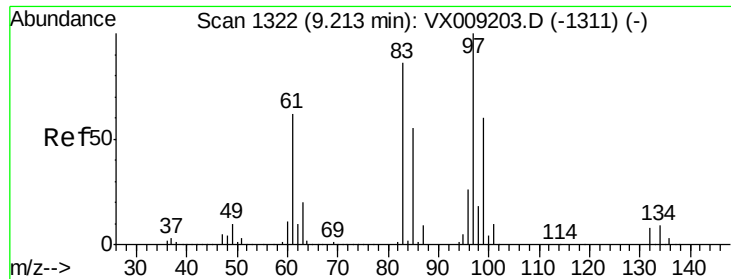
MMDadoda
5/8/2019 10:40:34 AM



#54
cis-1,3-Dichloropropene
Concen: 48.459 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion: 75 Resp: 149714
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8
39 52.5 40.6 60.8





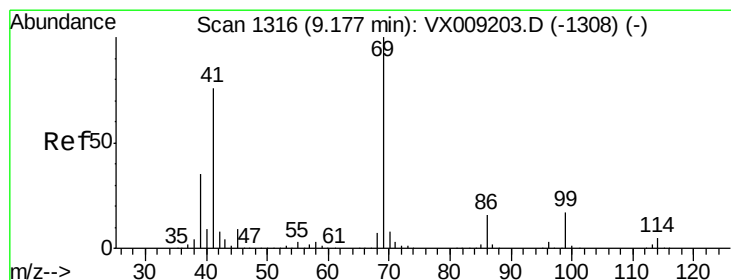
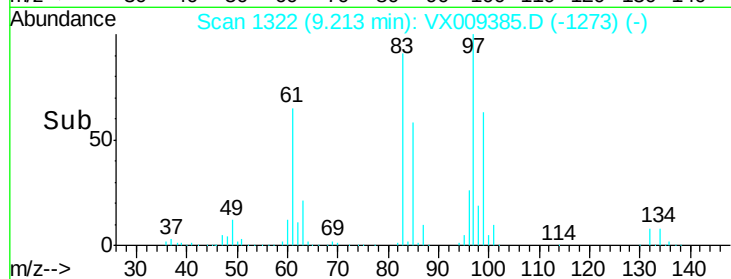
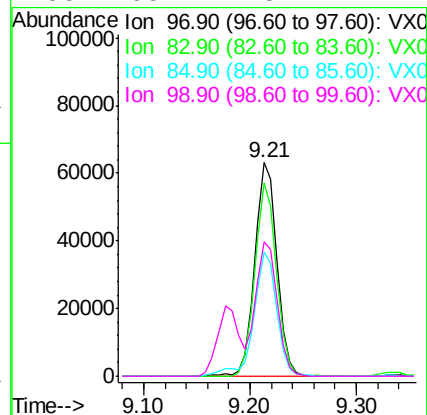
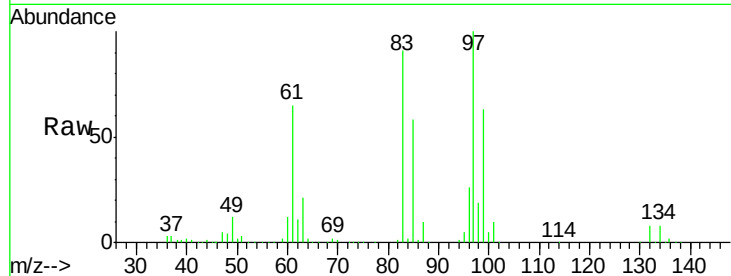
#55
 1,1,2-Trichloroethane
 Concen: 49.345 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion:	97	Resp:	92238
Ion	Ratio	Lower	Upper
97	100		
83	90.8	68.9	103.3
85	57.9	43.8	65.6
99	63.2	48.2	72.2

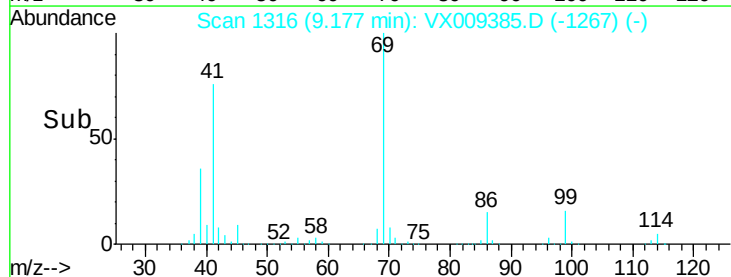
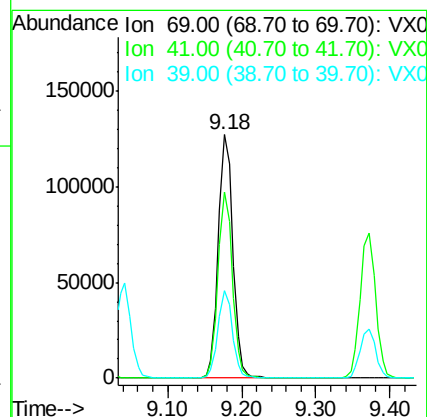
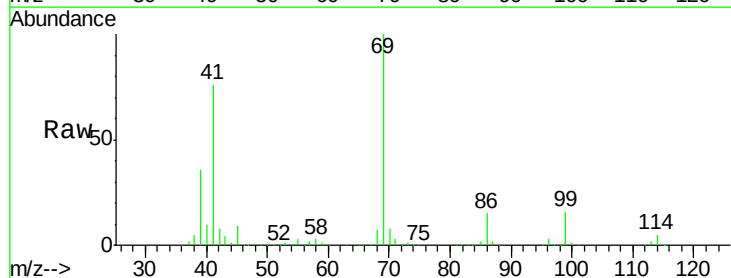
Manual Integrations
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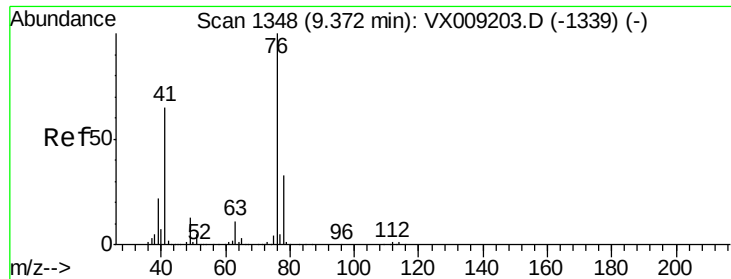
MMDadoda
 5/8/2019 10:40:34 AM



#56
 Ethyl methacrylate
 Concen: 51.416 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion:	69	Resp:	171561
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.6	90.8
39	35.3	28.2	42.4





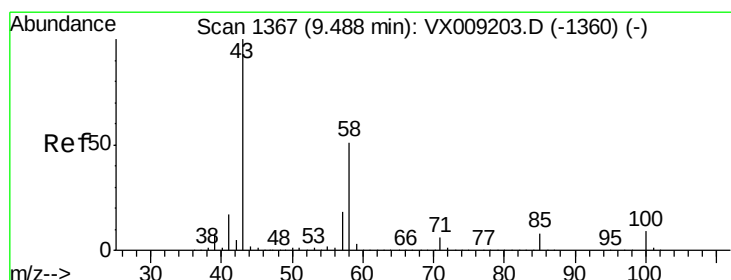
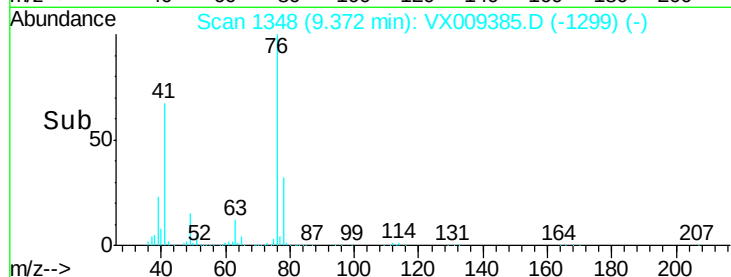
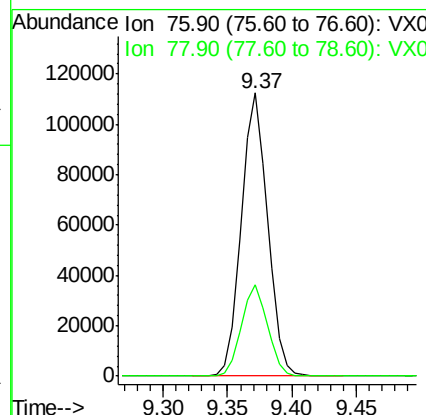
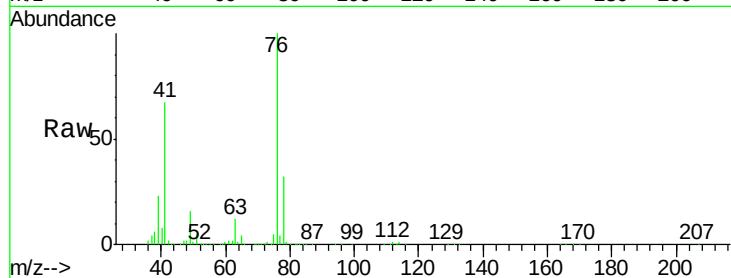
#57
 1,3-Dichloropropane
 Concen: 48.443 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

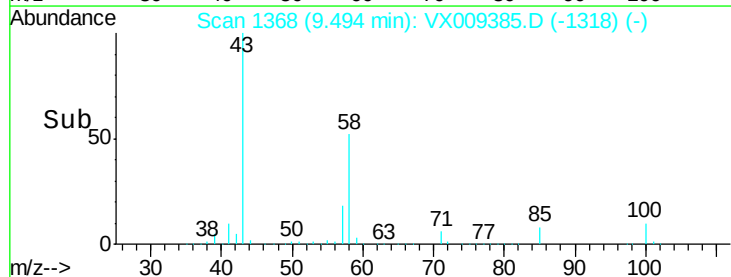
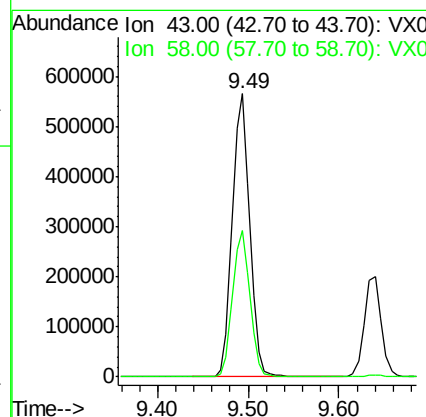
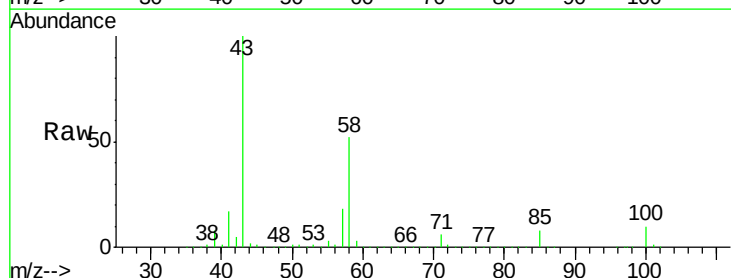
Manual Integrations
 APPROVED

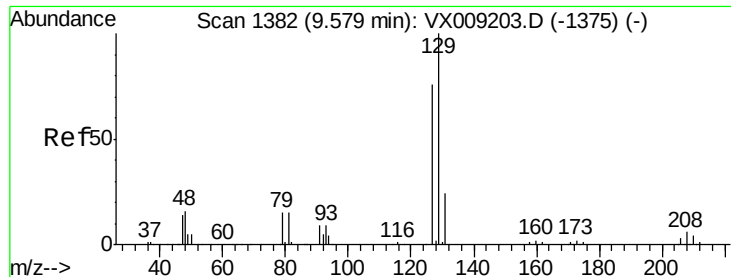
MMDadoda
 5/8/2019 10:40:34 AM



#59
 2-Hexanone
 Concen: 270.945 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.6	25.9	77.7





#60

Dibromochloromethane

Concen: 50.564 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion:129 Resp: 92313

Ion Ratio Lower Upper

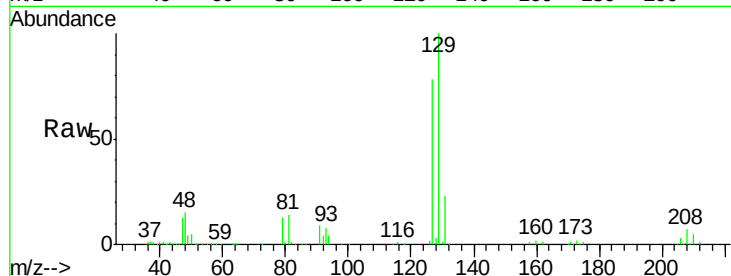
129 100

127 77.9 38.4 115.1

Manual Integrations
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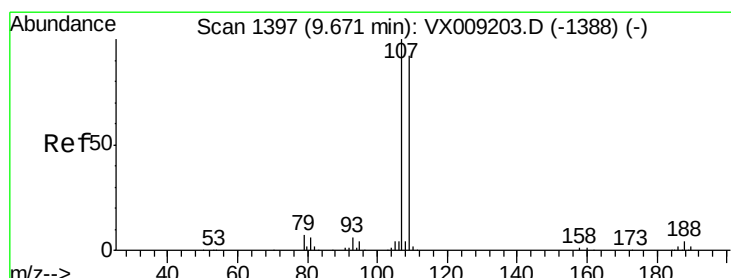
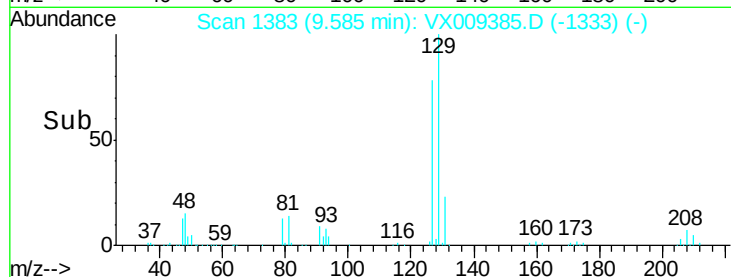
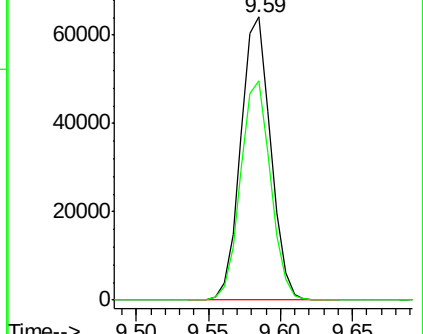
MMDadoda

5/8/2019 10:40:34 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.223 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009385.D

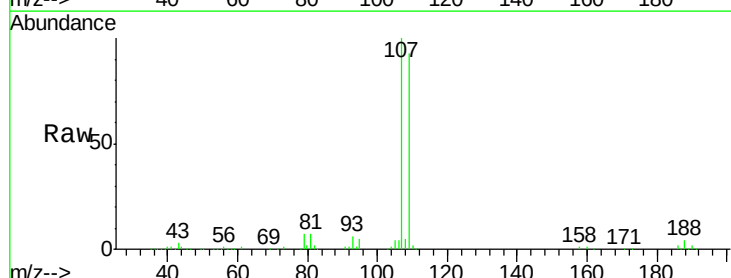
Acq: 07 May 2019 18:28

Tgt Ion:107 Resp: 92879

Ion Ratio Lower Upper

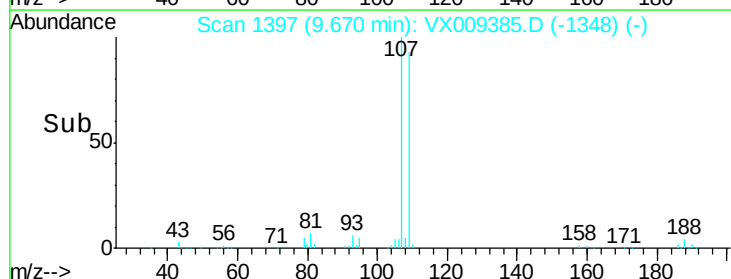
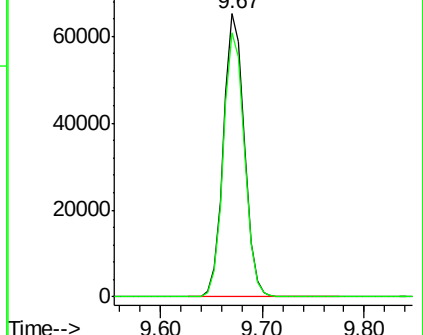
107 100

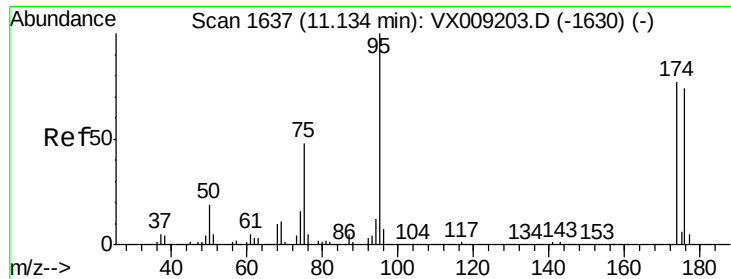
109 94.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





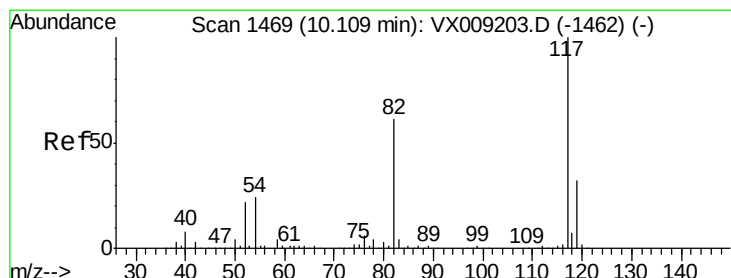
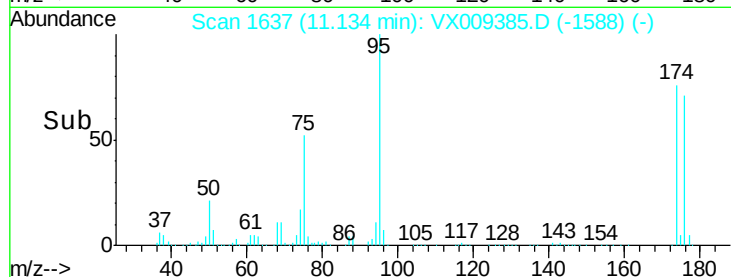
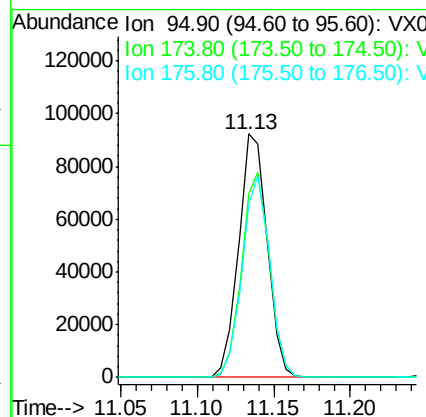
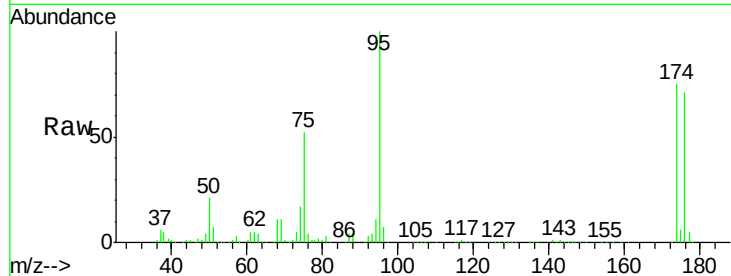
#62
4-Bromofluorobenzene
Concen: 49.355 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	119285		
174	82.1	0.0	161.6	
176	80.0	0.0	159.2	

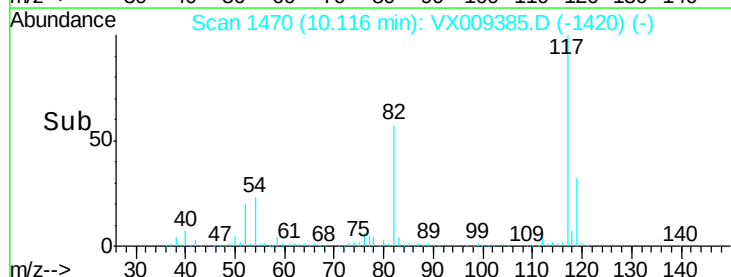
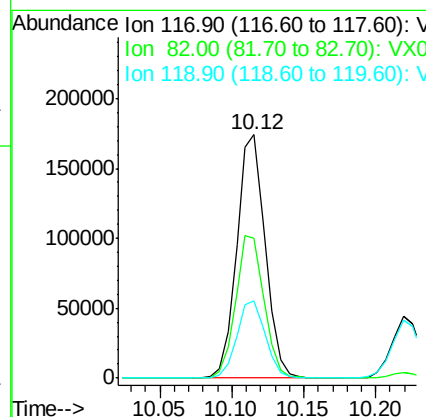
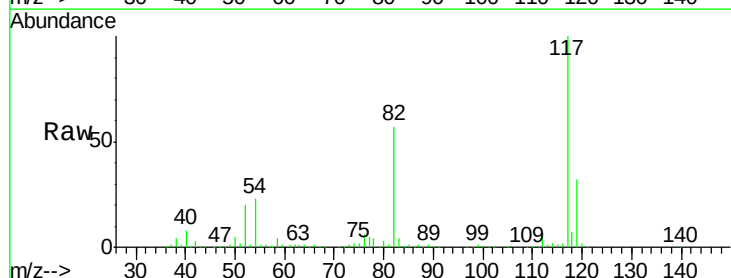
Manual Integrations
APPROVED

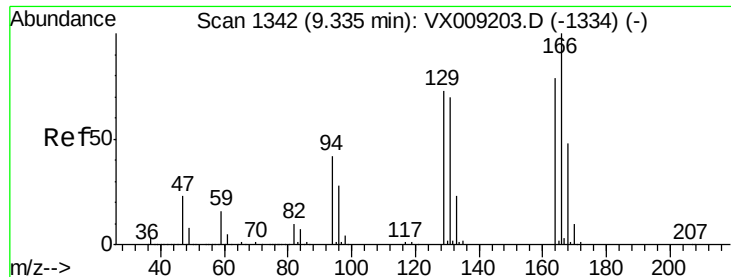
MMDadoda
5/8/2019 10:40:34 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	240363		
82	57.4	48.8	73.2	
119	31.9	25.8	38.6	





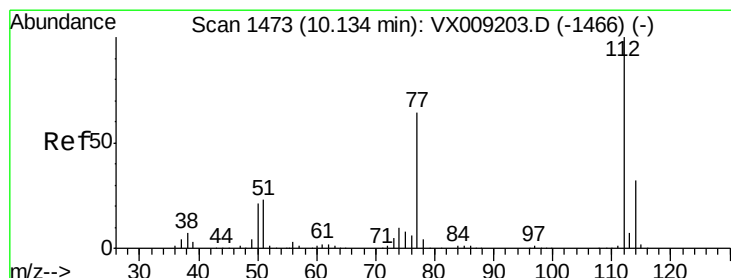
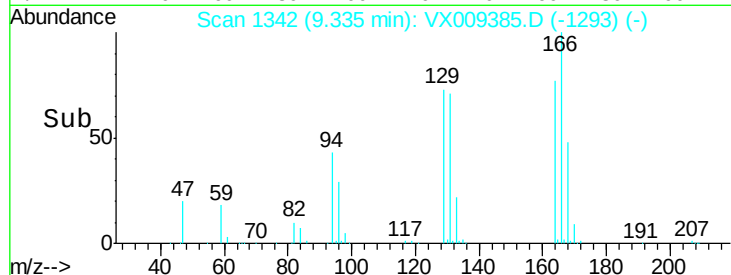
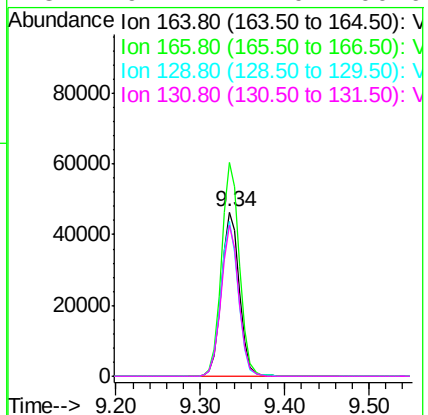
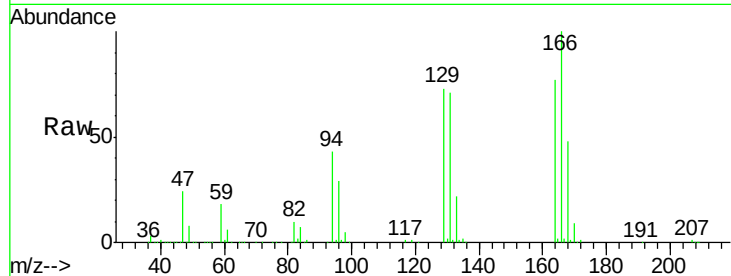
#64
Tetrachloroethene
Concen: 41.437 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.2	151.8
129	94.7	74.3	111.5
131	92.4	71.0	106.6

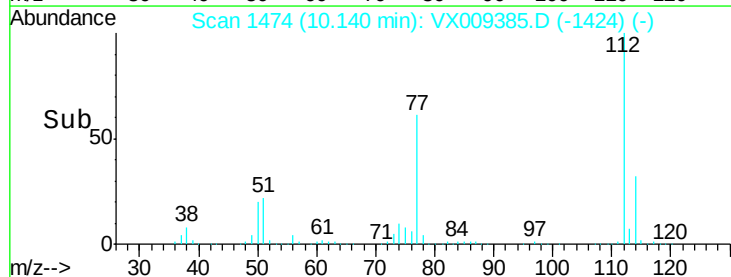
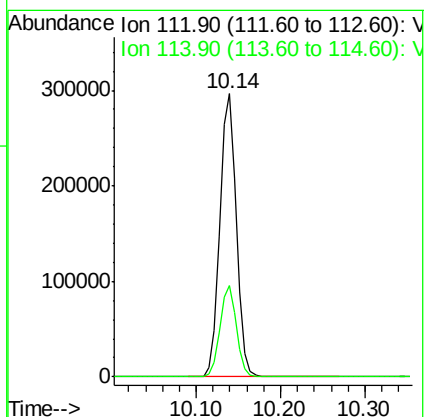
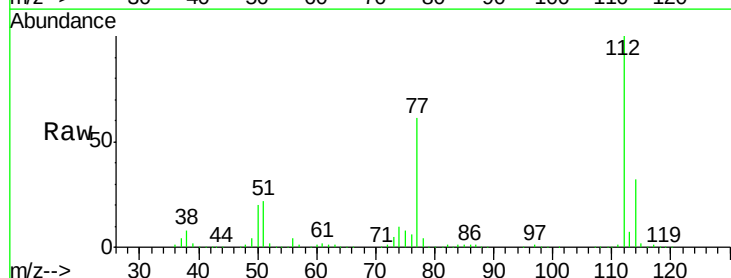
Manual Integrations
APPROVED

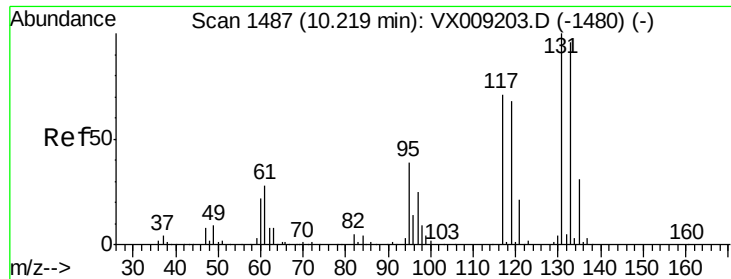
MMDadoda
5/8/2019 10:40:34 AM



#65
Chlorobenzene
Concen: 83.890 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.5	38.3





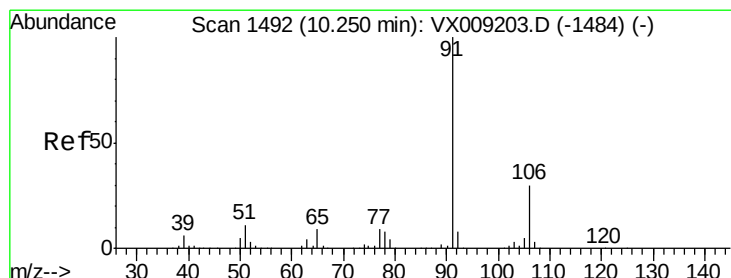
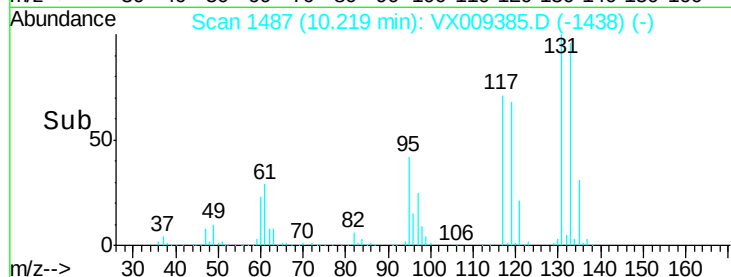
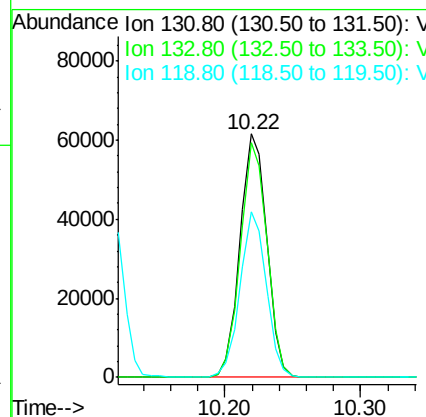
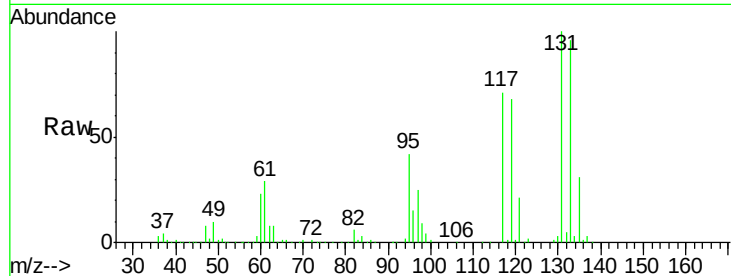
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.589 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion:131 Resp: 84702
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 66.5 33.5 100.4

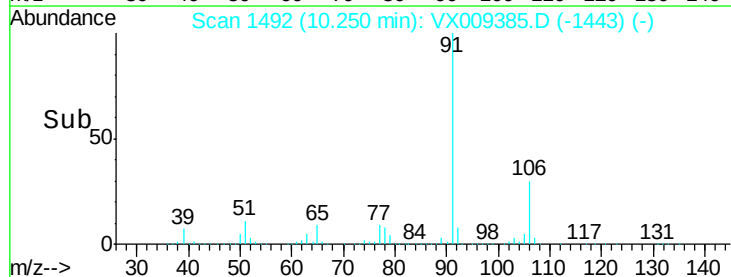
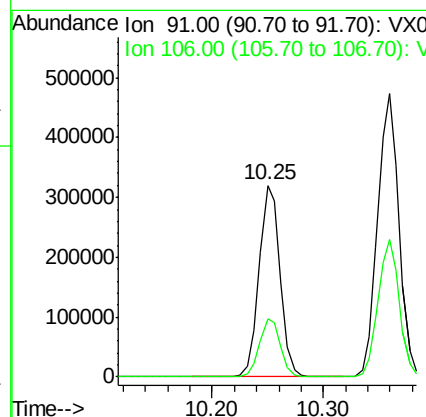
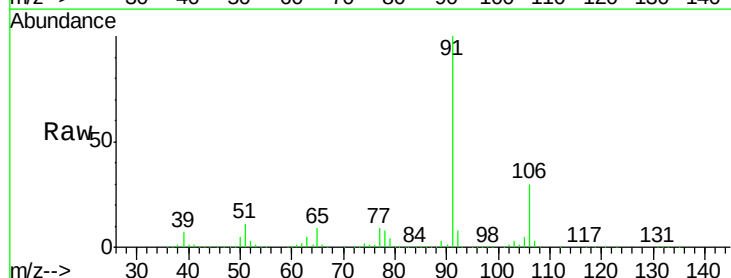
Manual Integrations
 APPROVED

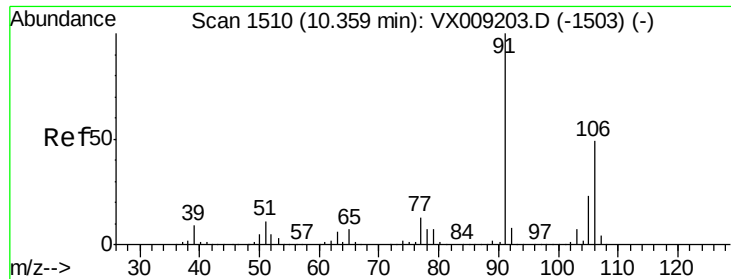
MMDadoda
 5/8/2019 10:40:34 AM



#67
 Ethyl Benzene
 Concen: 47.365 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 91 Resp: 419140
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.0 36.0





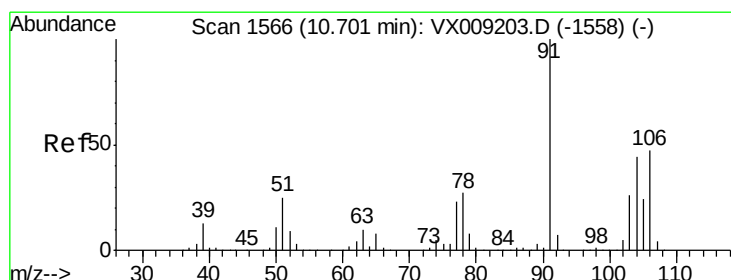
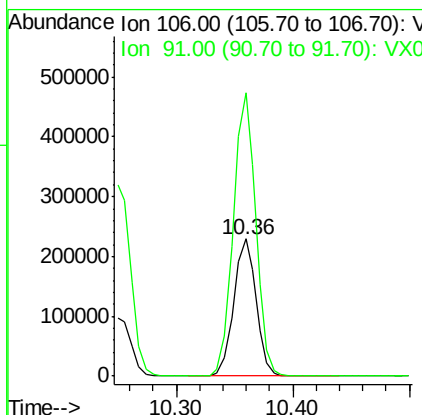
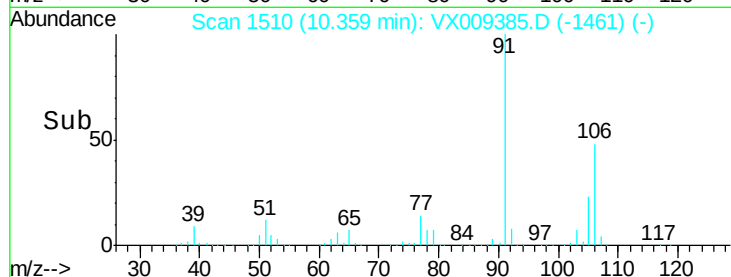
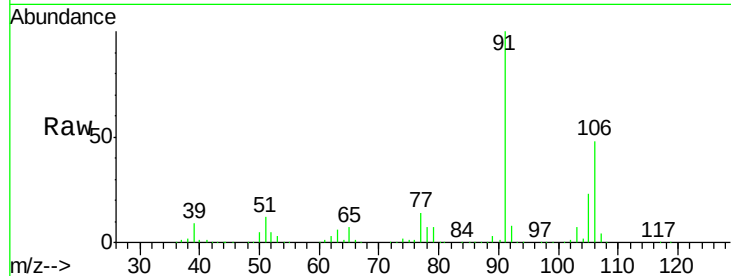
#68
m/p-Xylenes
Concen: 94.849 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-190506MS

Tot Ion:106 Resp: 306719
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0

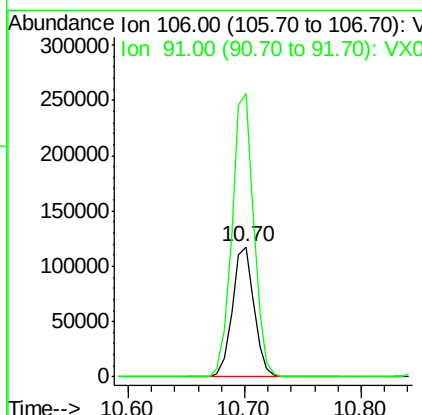
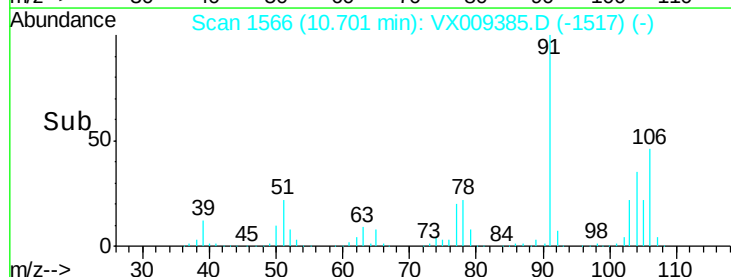
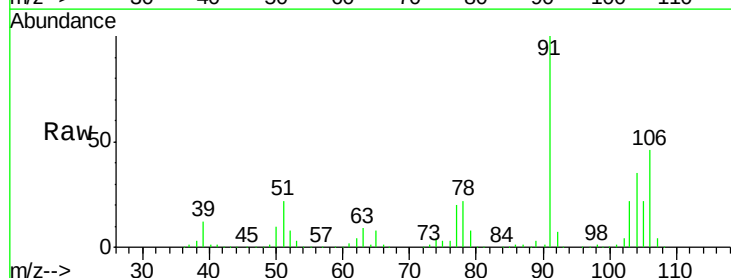
Manual Integrations
APPROVED

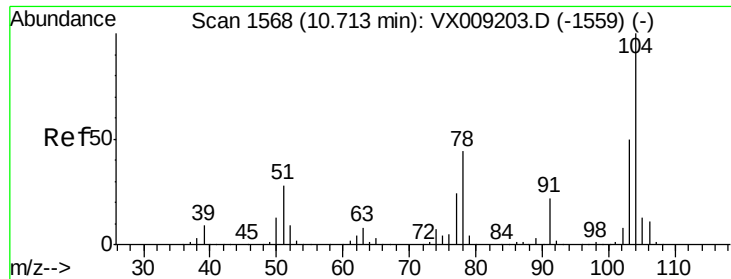
MMDadoda
5/8/2019 10:40:34 AM



#69
o-Xylene
Concen: 47.708 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009385.D
Acq: 07 May 2019 18:28

Tgt Ion:106 Resp: 152218
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4





#70

Stvrene

Concen: 48.632 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

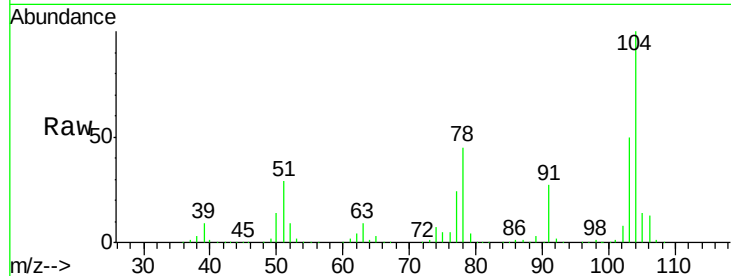
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	104	Resp:	269690
Ion Ratio	Lower	Upper	
104	100		
78	51.1	41.0	61.4
103	55.0	43.8	65.6

Manual Integrations
APPROVED

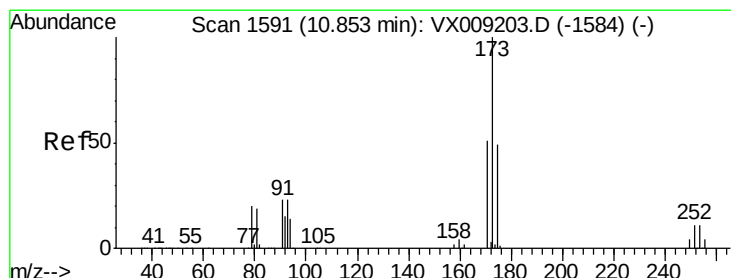
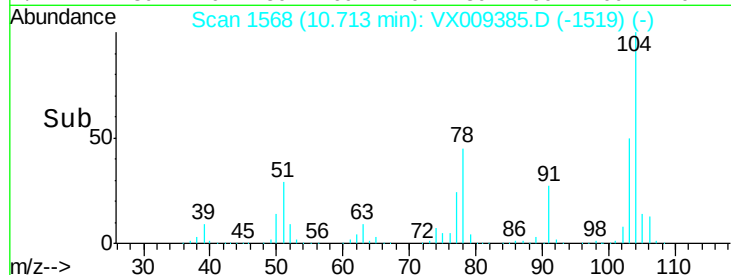
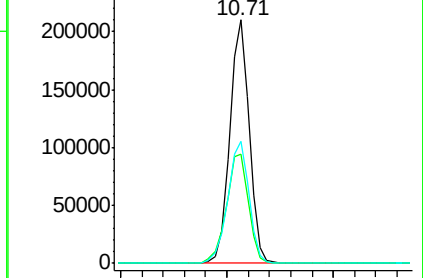
MMDadoda
5/8/2019 10:40:34 AM



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 50.996 ug/l

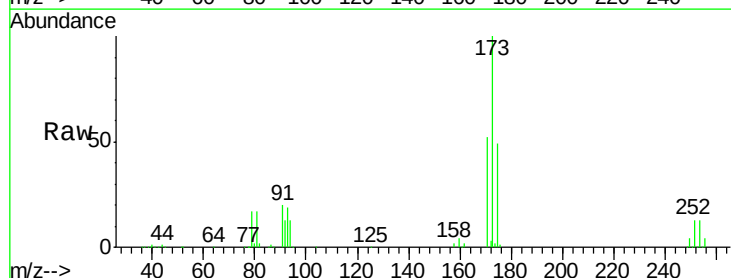
RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

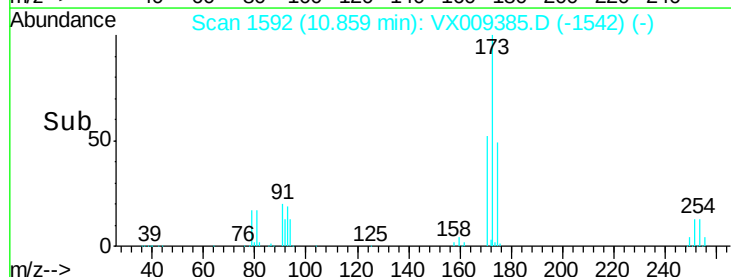
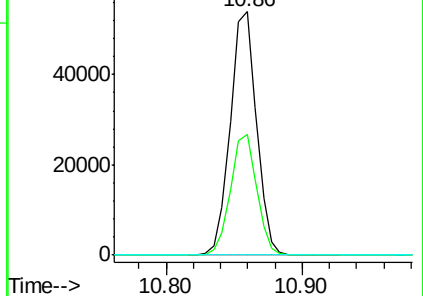
Tgt Ion:	173	Resp:	72243
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.5	73.5
254	0.2	0.1	0.1#

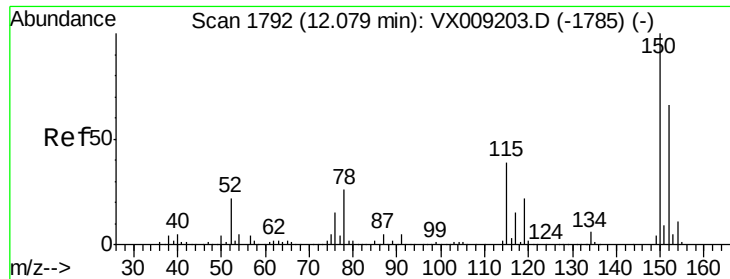


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion:152 Resp: 118688

Ion Ratio Lower Upper

152 100

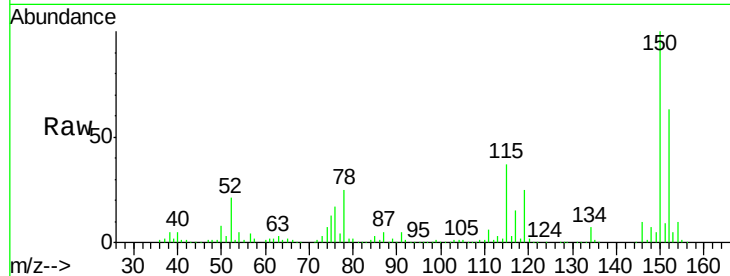
115 79.8 41.2 123.6

150 179.6 0.0 346.4

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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

200000

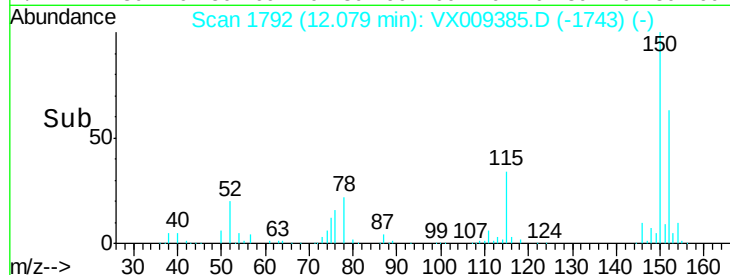
150000

100000

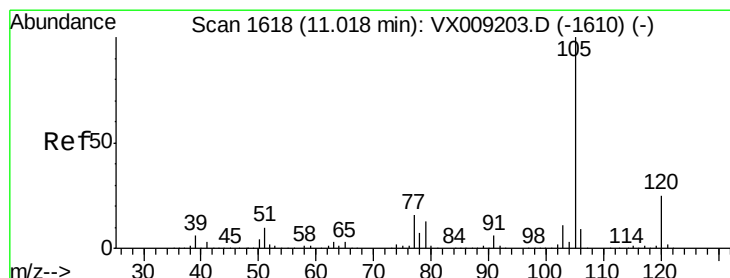
50000

0

12.00 12.10



Time-->



#73

Isopropylbenzene

Concen: 46.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009385.D

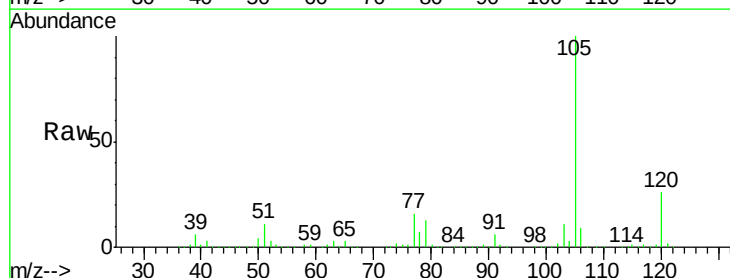
Acq: 07 May 2019 18:28

Tgt Ion:105 Resp: 404120

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

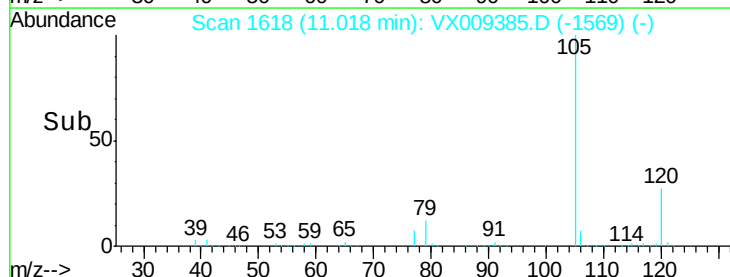
300000

200000

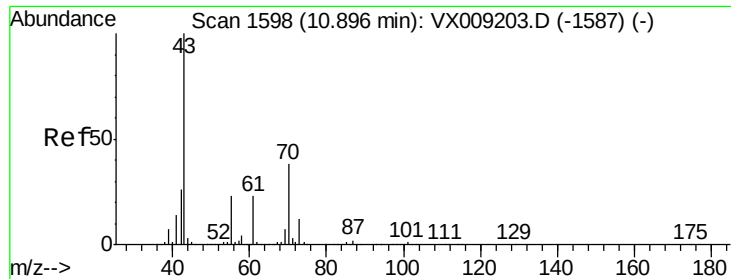
100000

0

11.00 11.10



Time-->



#74

N-amvl acetate

Concen: 51.209 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

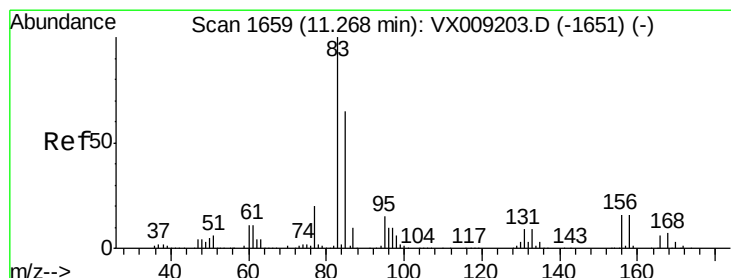
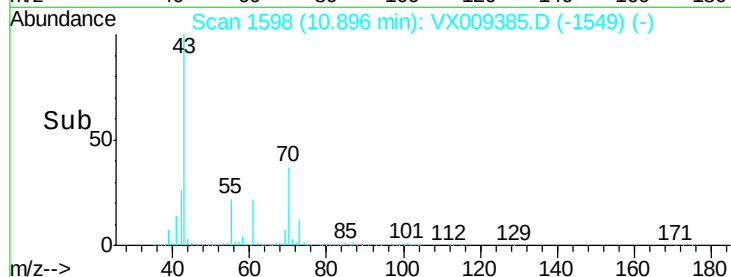
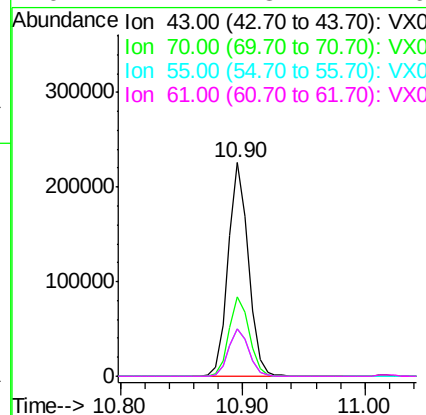
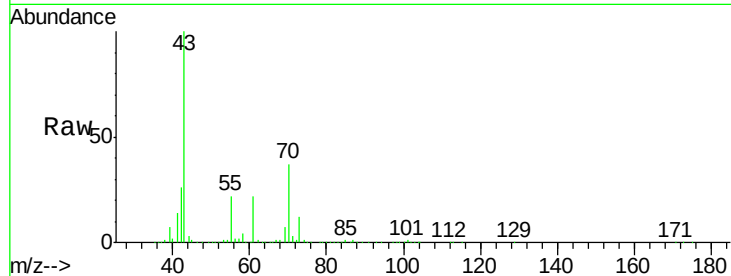
ClientSampleId :

SS003RW114R-190506MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		257679		
70	37.5	30.0	45.0		
55	22.6	17.9	26.9		
61	22.4	18.4	27.6		

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 50.546 ug/l

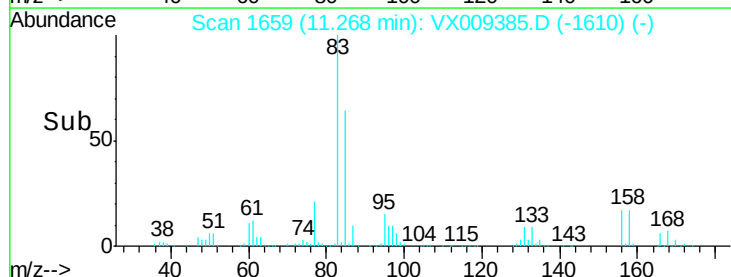
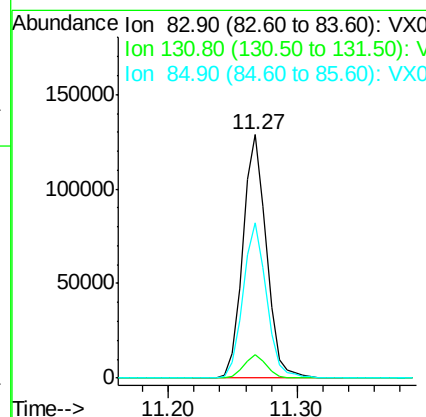
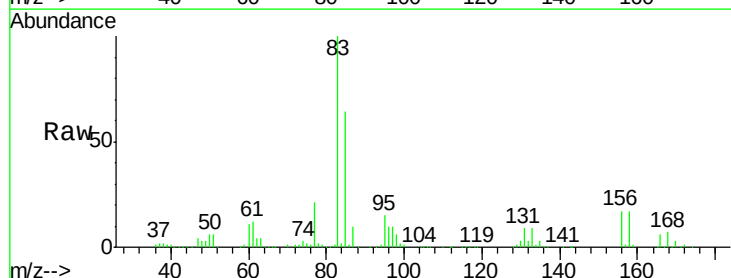
RT: 11.27 min Scan# 1659

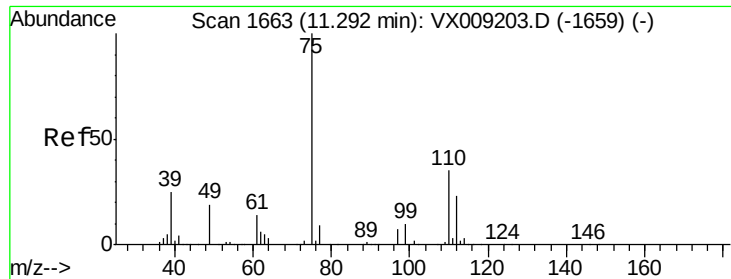
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		162629		
131	9.3	4.6	13.8		
85	63.8	32.0	96.2		





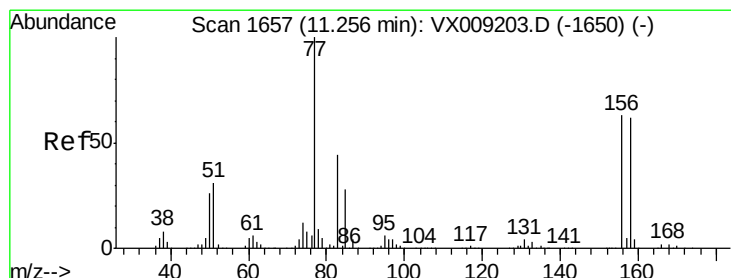
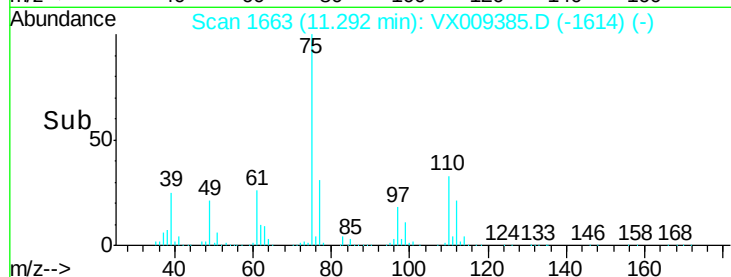
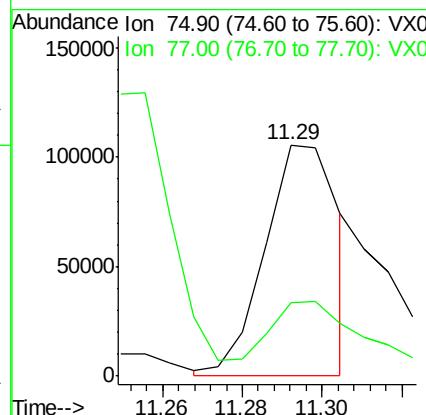
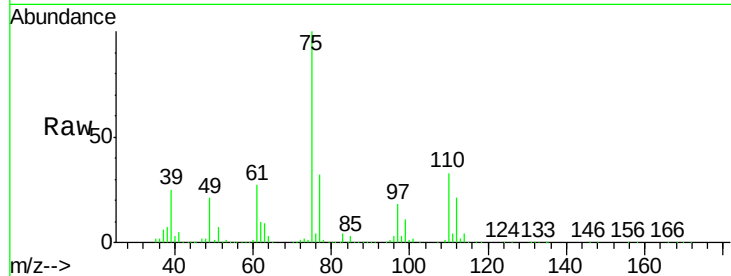
#76
 1,2,3-Trichloropropane
 Concen: 49.153 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion: 75 Resp: 135324
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.1 66.1

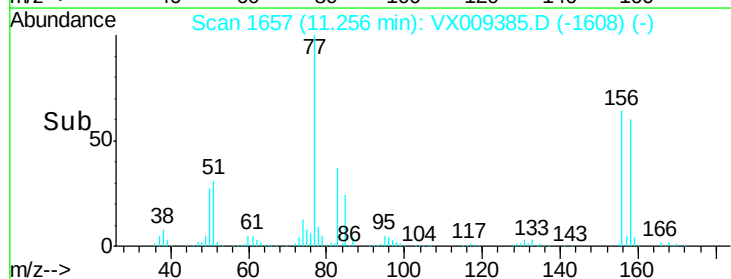
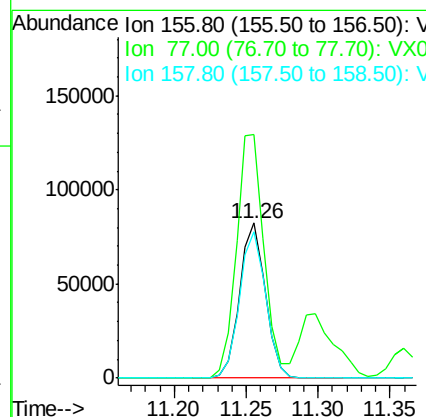
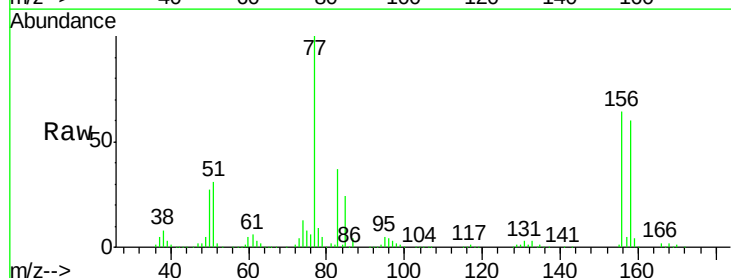
Manual Integrations
 APPROVED

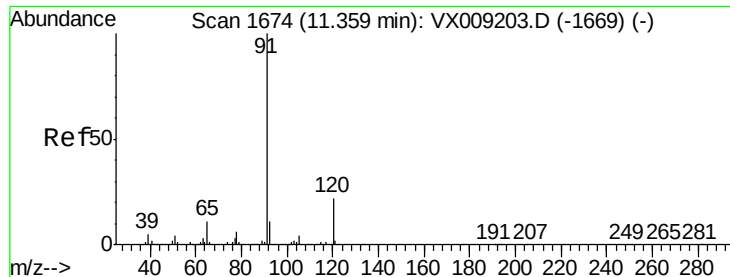
MMDadoda
 5/8/2019 10:40:34 AM



#77
 Bromobenzene
 Concen: 48.054 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 156 Resp: 102942
 Ion Ratio Lower Upper
 156 100
 77 166.9 84.8 254.3
 158 96.3 49.1 147.3





#78

n-propylbenzene

Concen: 46.704 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 91 Resp: 460357

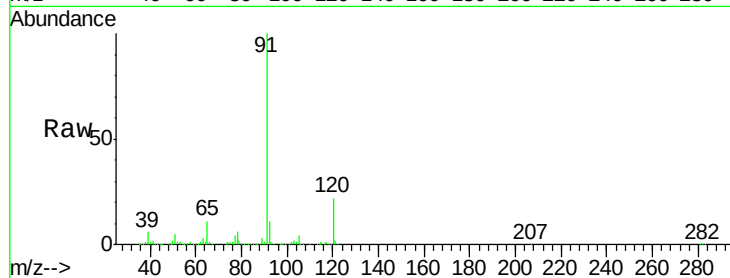
Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0

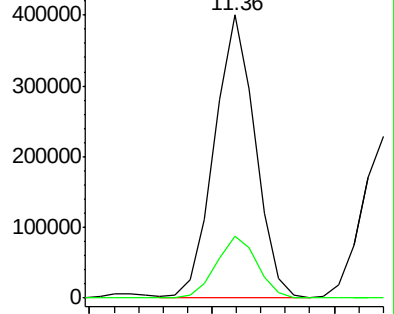
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5/8/2019 10:40:34 AM

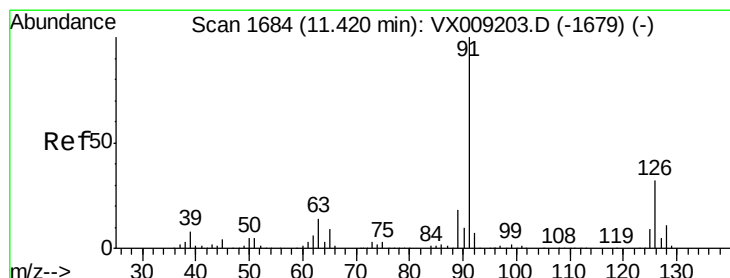
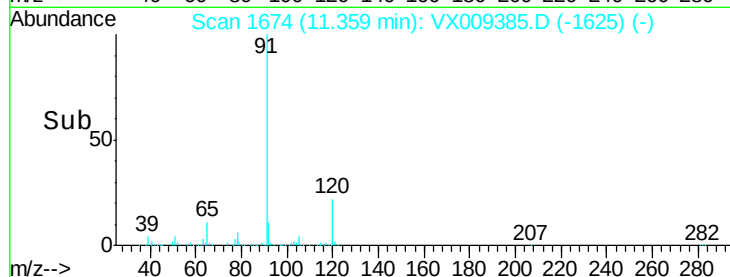


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 46.007 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009385.D

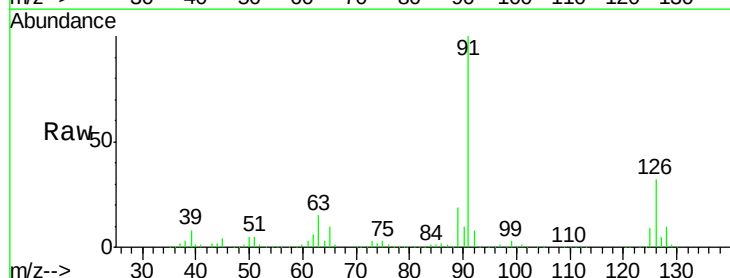
Acq: 07 May 2019 18:28

Tgt Ion: 91 Resp: 279777

Ion Ratio Lower Upper

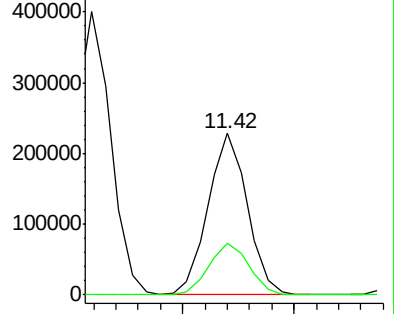
91 100

126 32.8 16.3 48.9

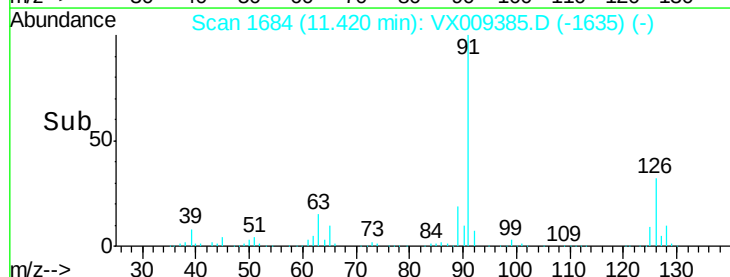


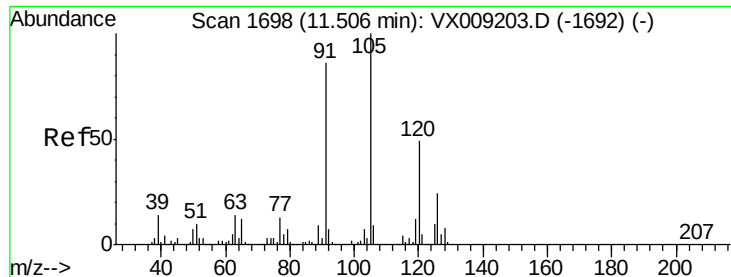
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time--> 11.40 11.45





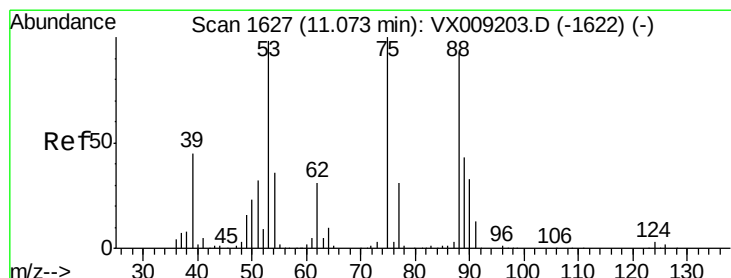
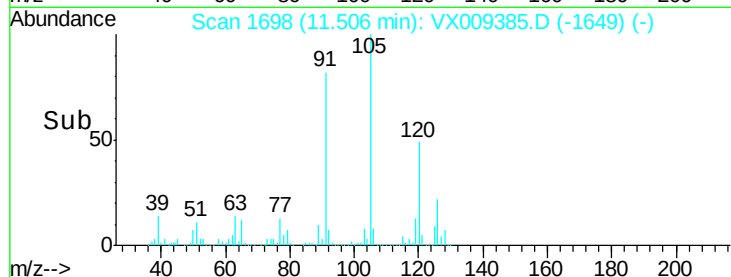
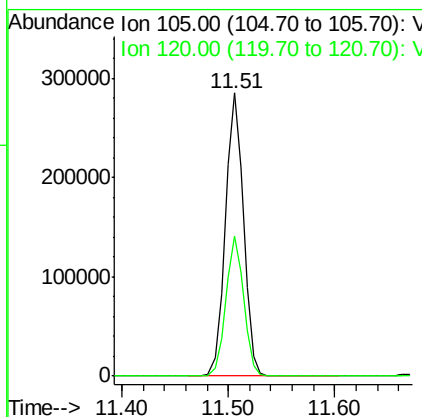
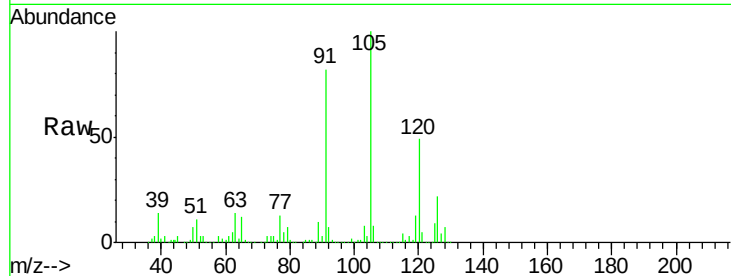
#80
 1,3,5-Trimethylbenzene
 Concen: 46.691 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion:105 Resp: 339317
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9

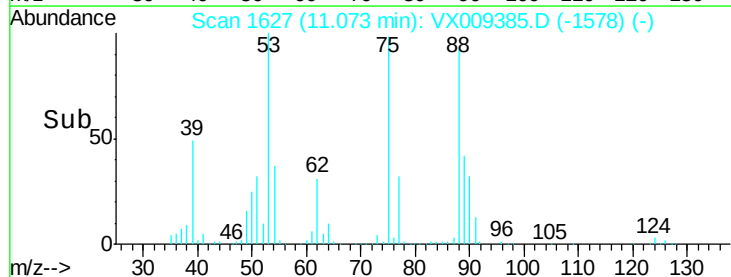
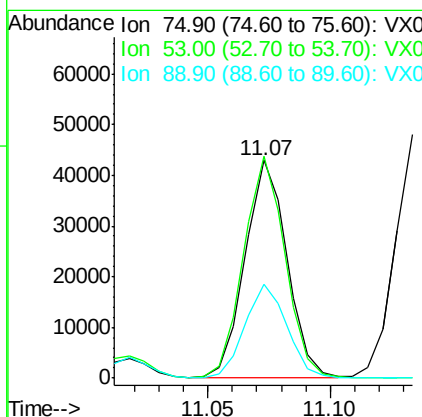
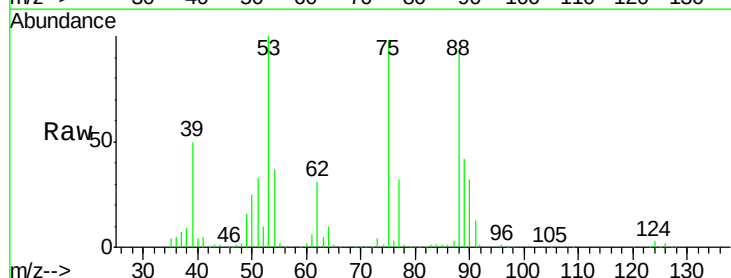
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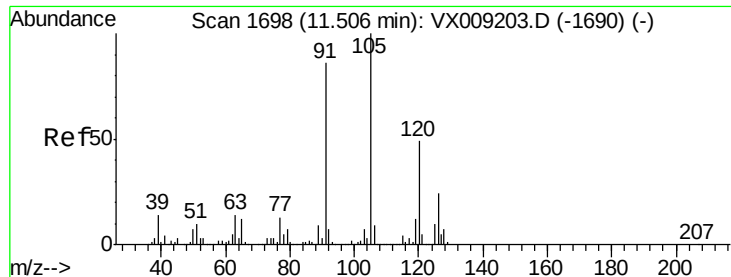
MMDadoda
 5/8/2019 10:40:34 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.917 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion: 75 Resp: 51559
 Ion Ratio Lower Upper
 75 100
 53 100.3 79.0 118.6
 89 43.5 34.7 52.1





#82

4-Chlorotoluene

Concen: 46.680 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion: 91 Resp: 320694

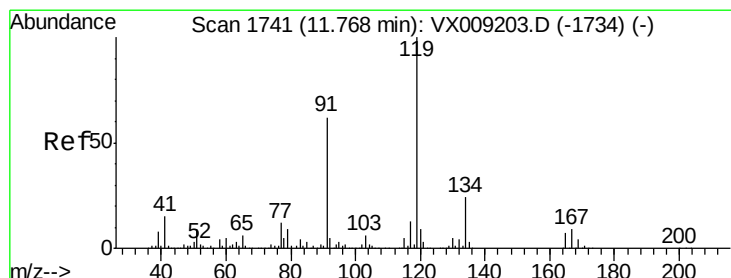
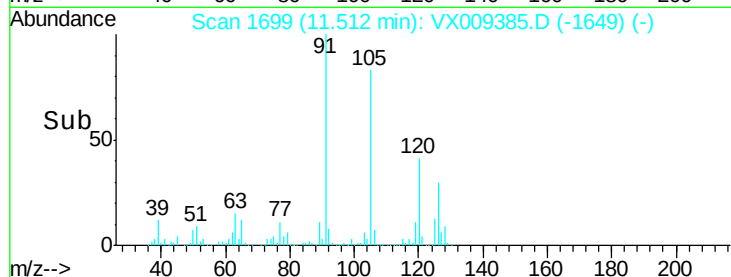
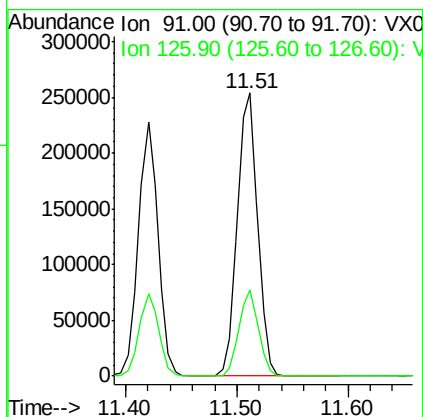
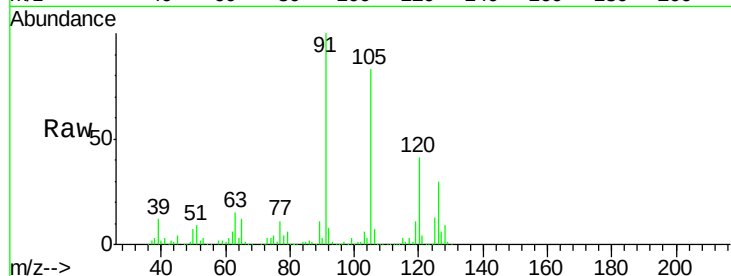
Ion Ratio Lower Upper

91 100

126 29.3 14.5 43.6

Manual Integrations
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5/8/2019 10:40:34 AM



#83

tert-Butylbenzene

Concen: 49.031 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

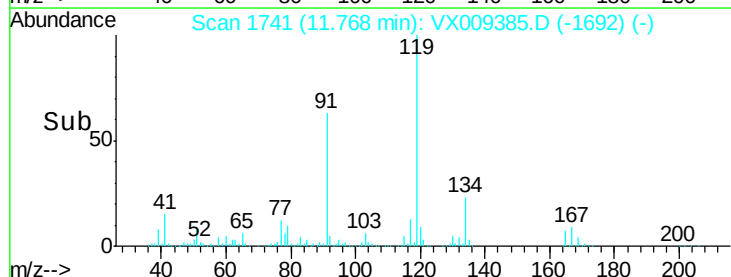
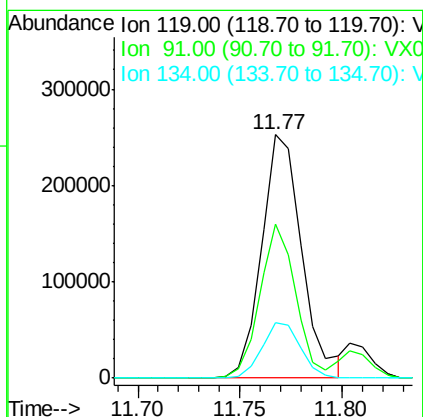
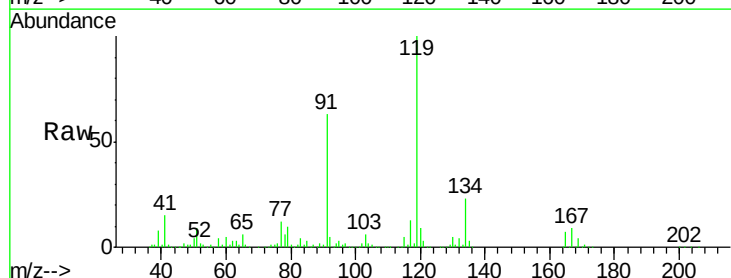
Tgt Ion: 119 Resp: 346625

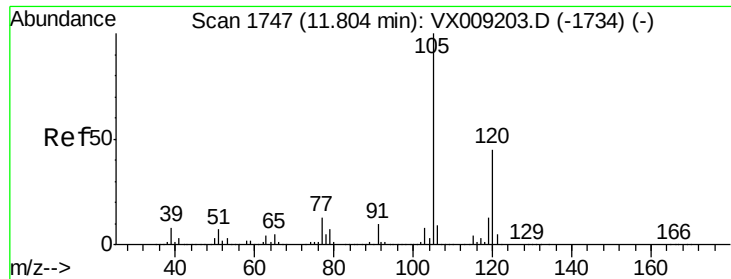
Ion Ratio Lower Upper

119 100

91 56.4 29.5 88.5

134 21.9 11.4 34.1





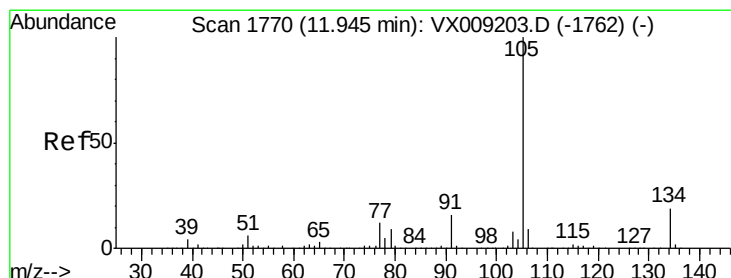
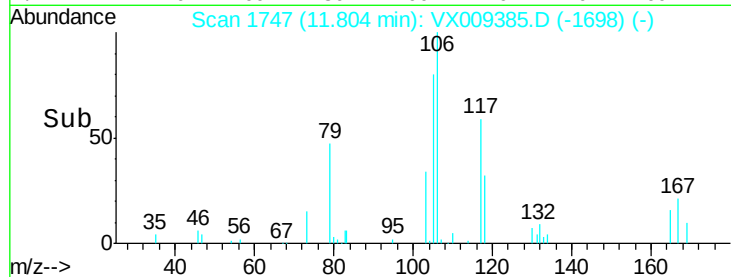
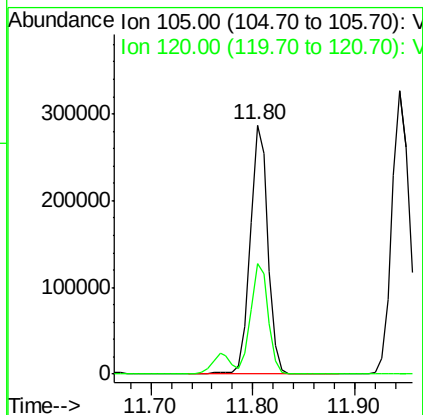
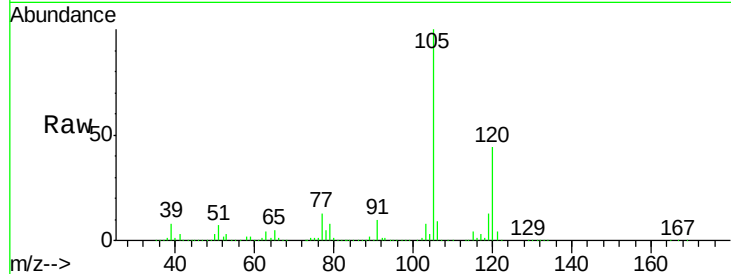
#84
 1,2,4-Trimethylbenzene
 Concen: 47.565 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0

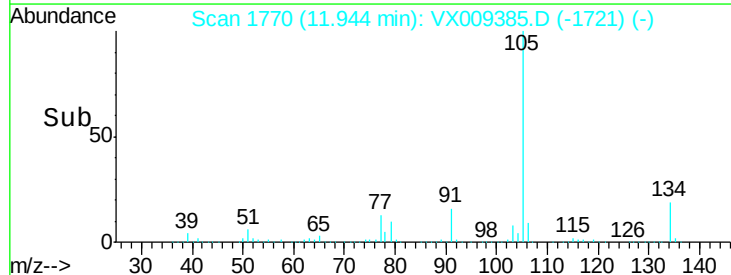
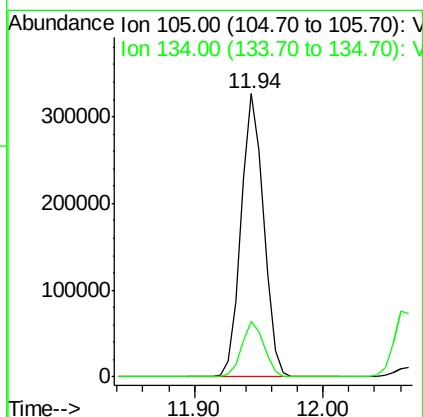
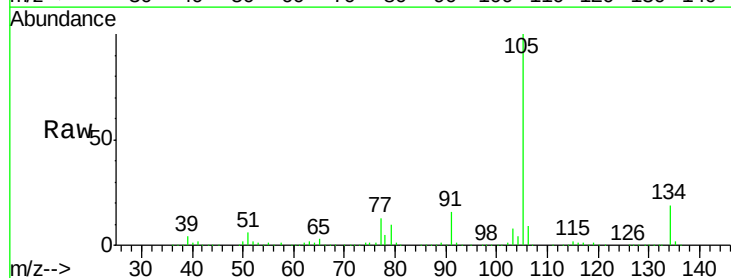
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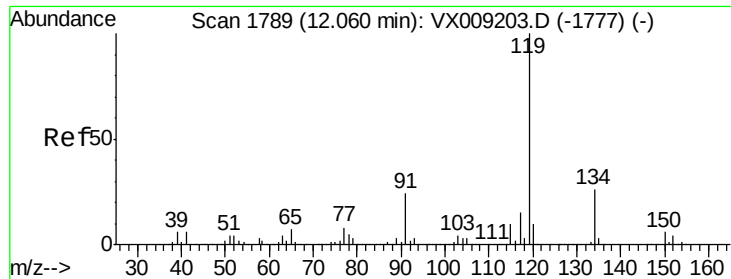
MMDadoda
 5/8/2019 10:40:34 AM



#85
 sec-Butylbenzene
 Concen: 47.086 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9





#86

p-Isopropyltoluene

Concen: 47.340 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

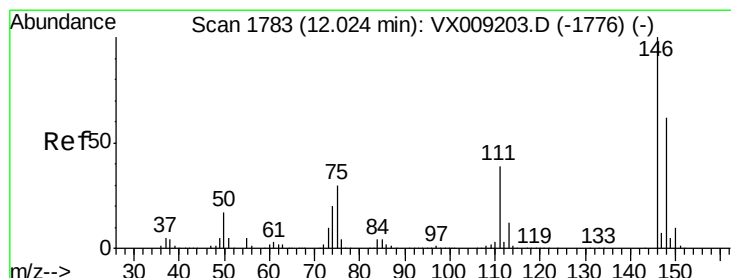
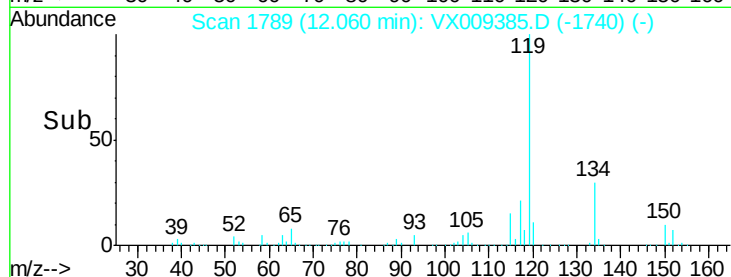
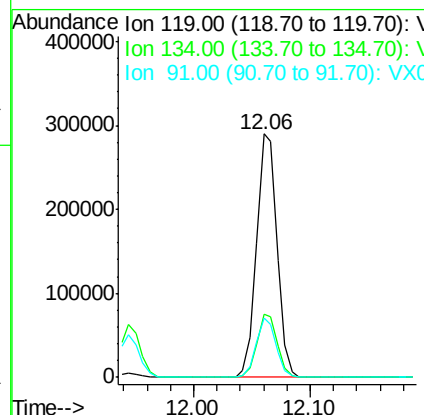
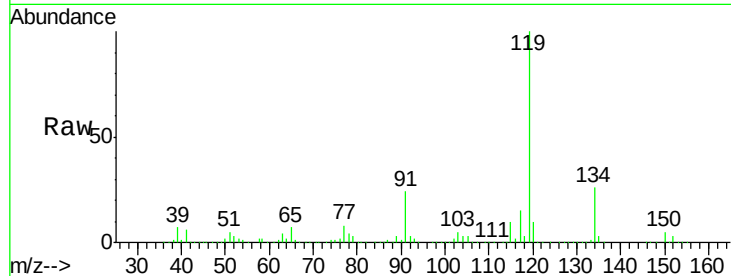
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	119	Resp:	356703
Ion Ratio	Lower	Upper	
119	100		
134	25.9	12.9	38.7
91	23.4	11.8	35.4

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 55.966 ug/l

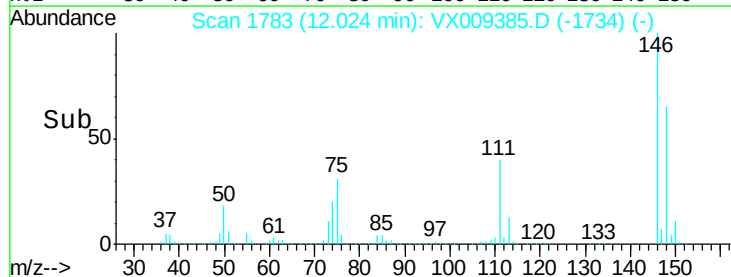
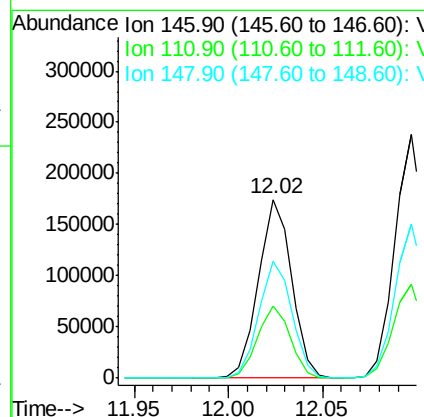
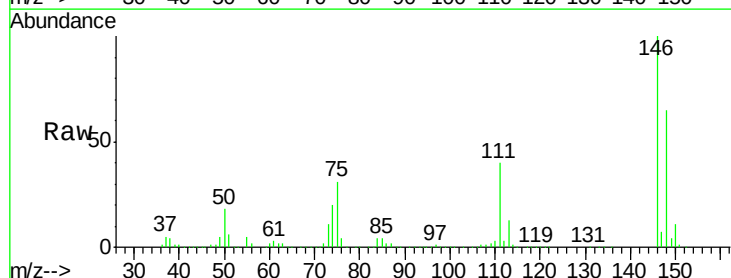
RT: 12.02 min Scan# 1783

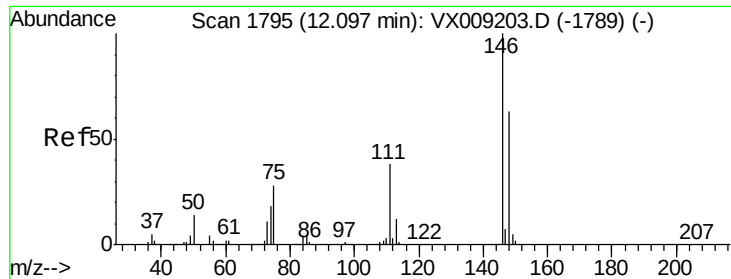
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	146	Resp:	213728
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.0	59.9
148	65.2	31.8	95.3





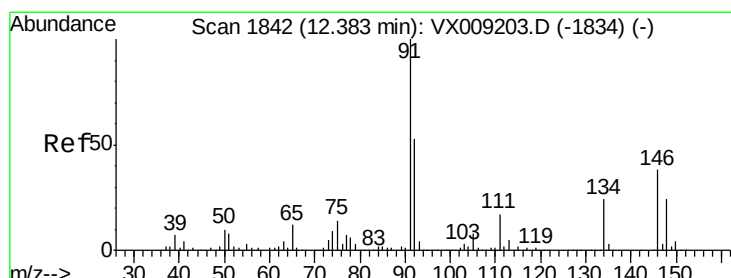
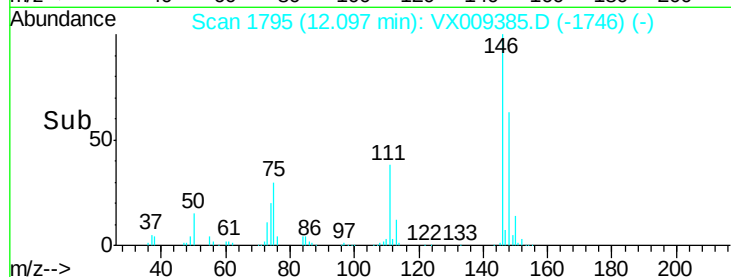
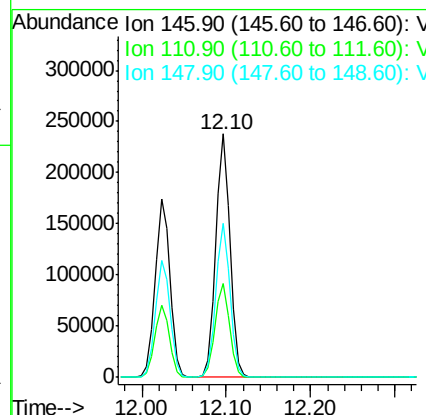
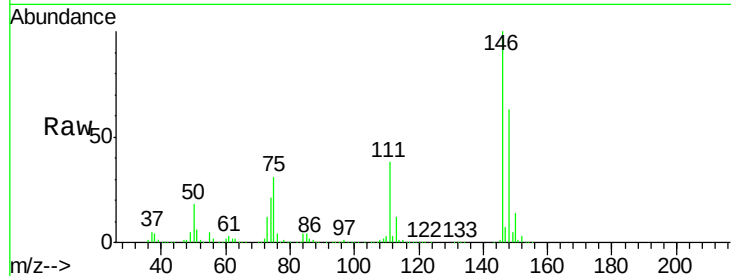
#88
 1,4-Dichlorobenzene
 Concen: 72.571 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.4	31.8	95.3

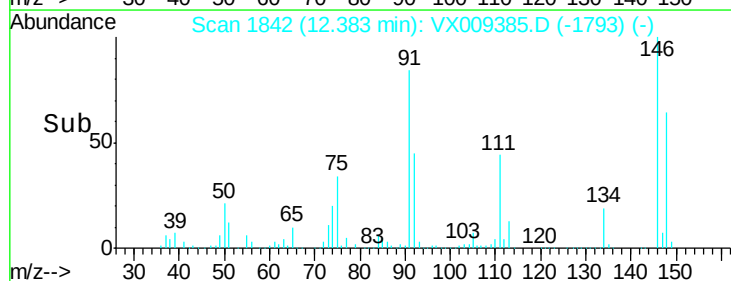
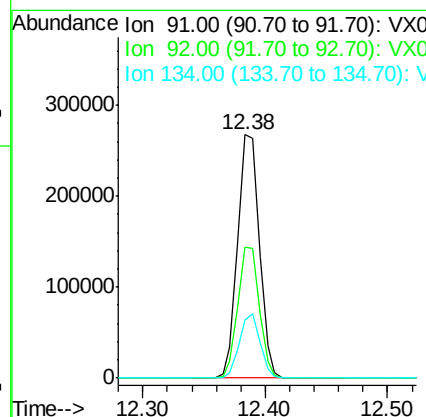
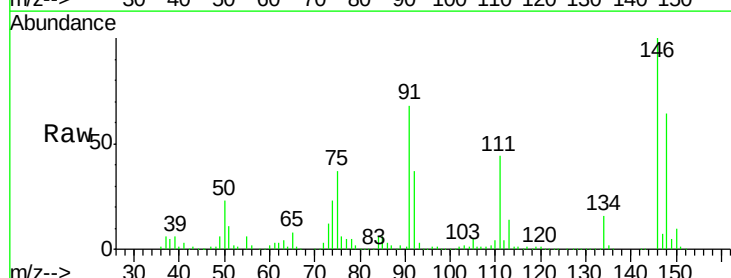
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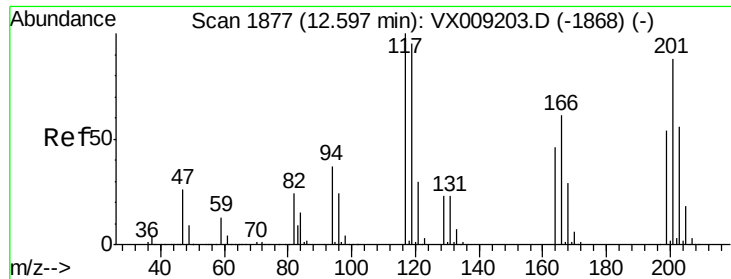
MMDadoda
 5/8/2019 10:40:34 AM



#89
 n-Butylbenzene
 Concen: 47.922 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.5
134	25.1	12.4	37.2





#90

Hexachloroethane

Concen: 47.122 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-190506MS

Tot Ion:117 Resp: 60490

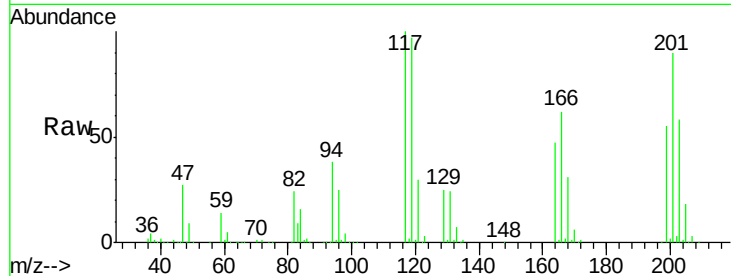
Ion Ratio Lower Upper

117 100

201 87.3 42.3 126.9

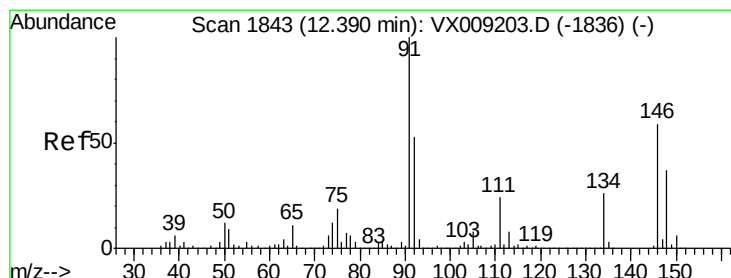
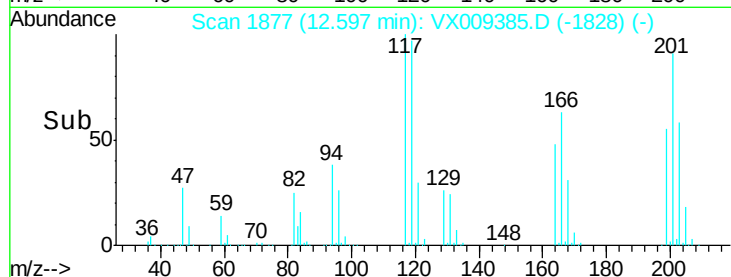
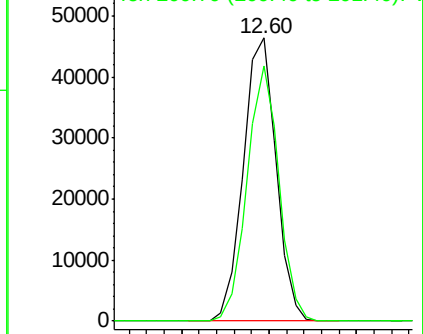
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 189.364 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

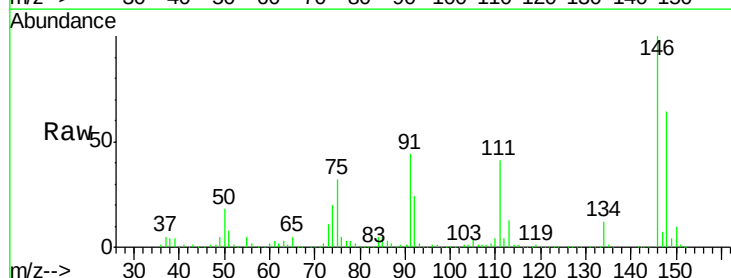
Tgt Ion:146 Resp: 736570

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.4

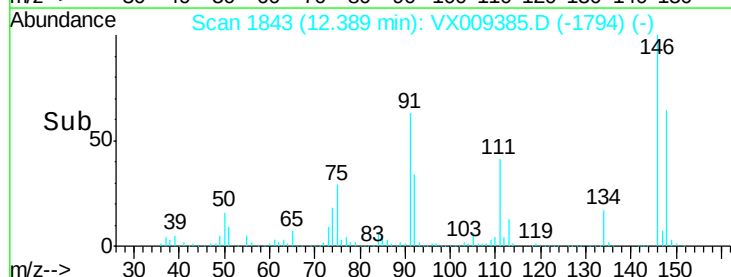
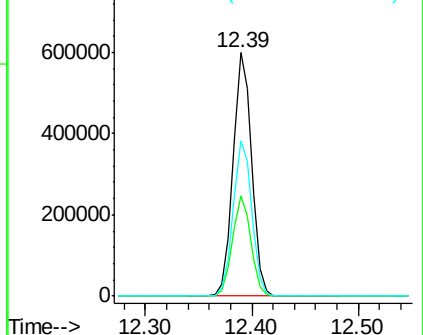
148 64.1 31.9 95.9

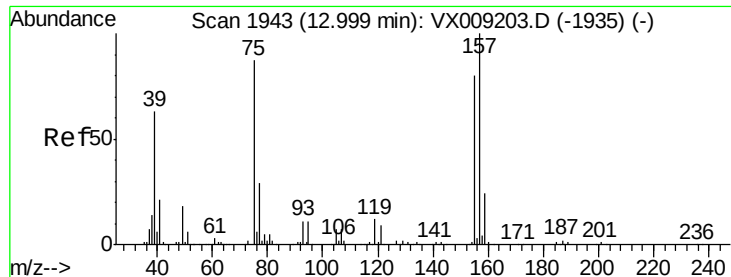


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.939 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

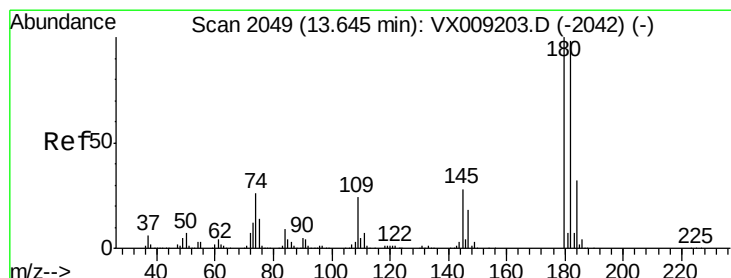
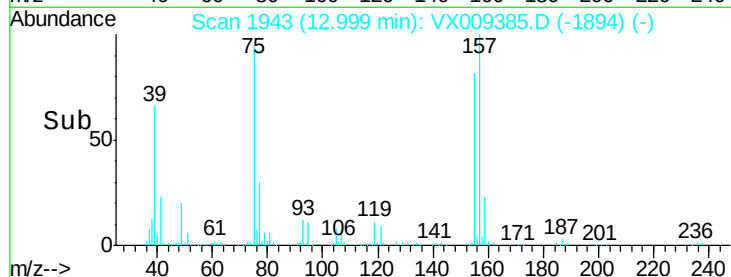
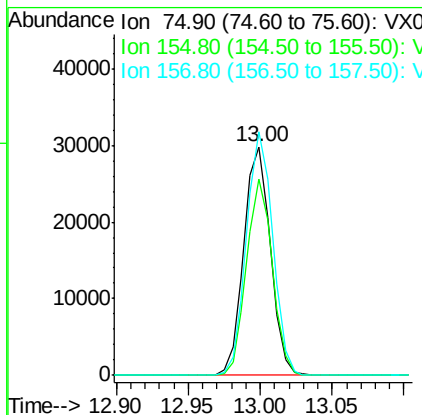
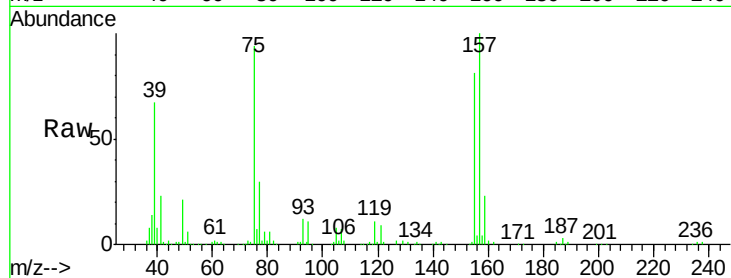
ClientSampleId :

SS003RW114R-190506MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.0	42.0	126.0
157	104.8	53.2	159.6

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#93

1,2,4-Trichlorobenzene

Concen: 49.839 ug/l

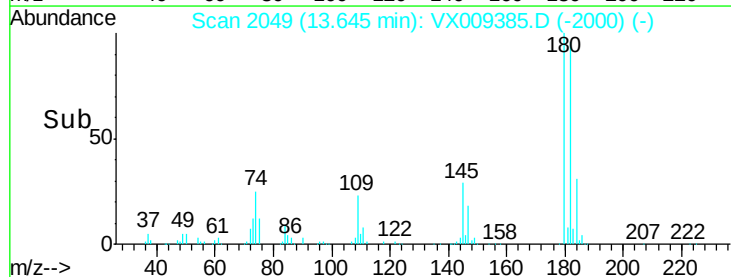
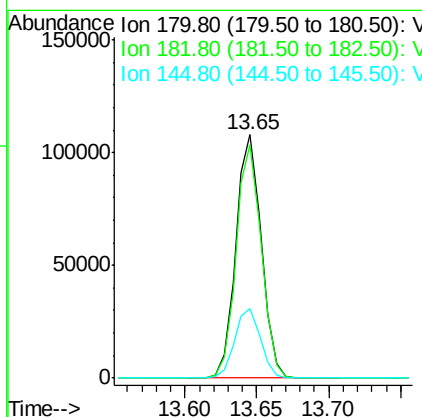
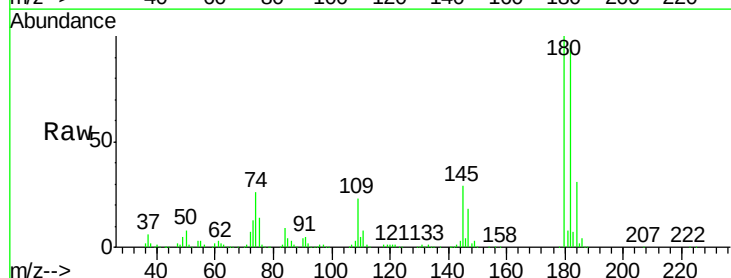
RT: 13.65 min Scan# 2049

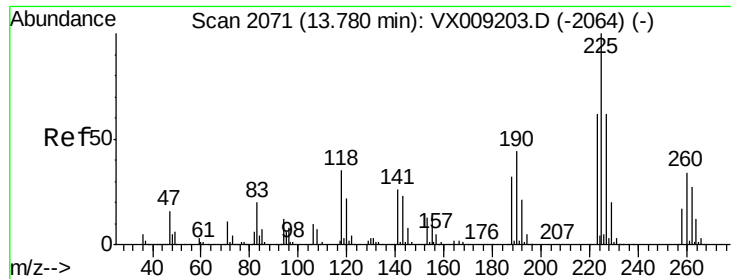
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.4	145.2
145	29.2	14.6	43.8





#94

Hexachlorobutadiene

Concen: 47.861 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Instrument :

MSVOA_X

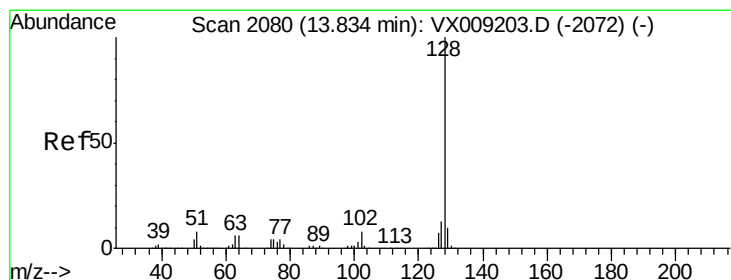
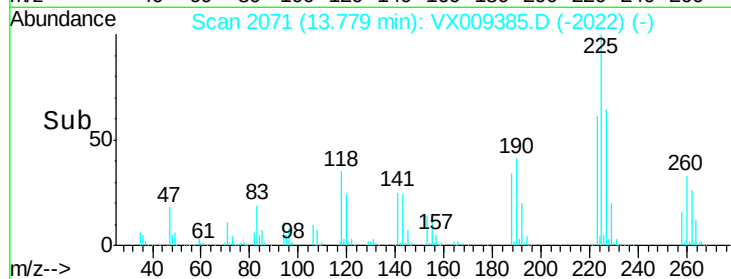
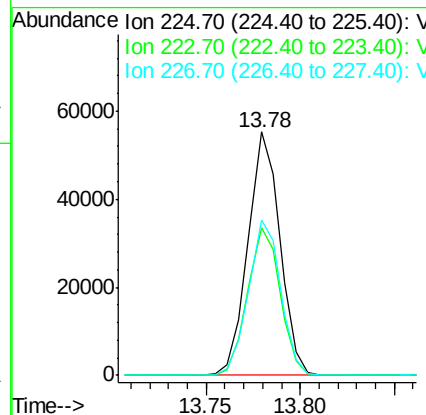
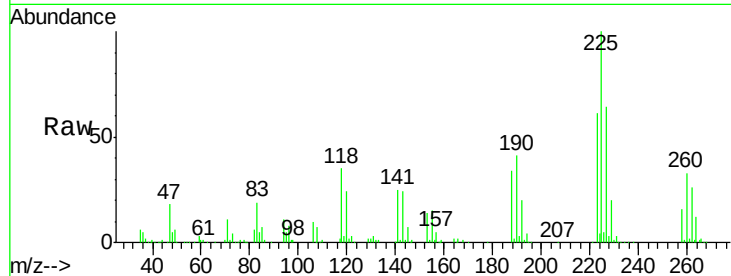
ClientSampleId :

SS003RW114R-190506MS

Tot Ion:	225	Resp:	65010
Ion Ratio		Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.4	31.8	95.3

Manual Integrations
APPROVED

MMDadoda
5/8/2019 10:40:34 AM



#95

Naphthalene

Concen: 50.786 ug/l

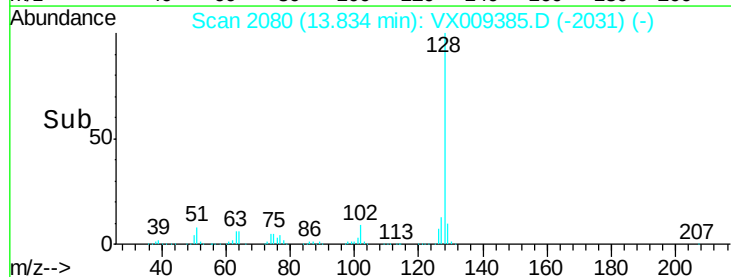
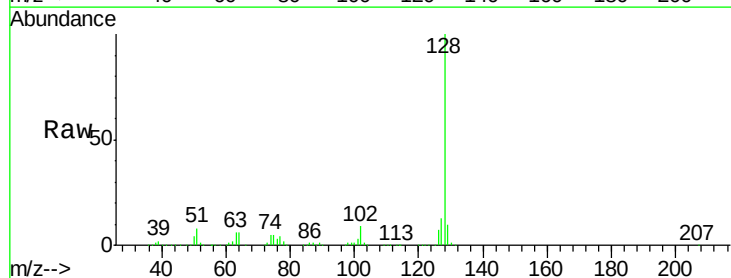
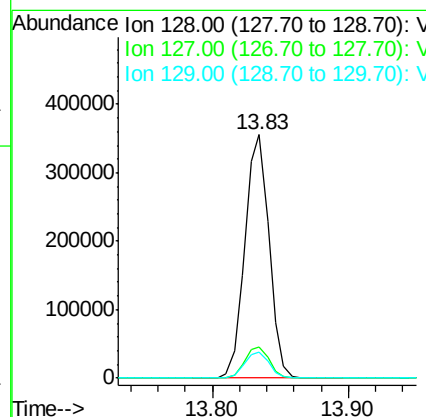
RT: 13.83 min Scan# 2080

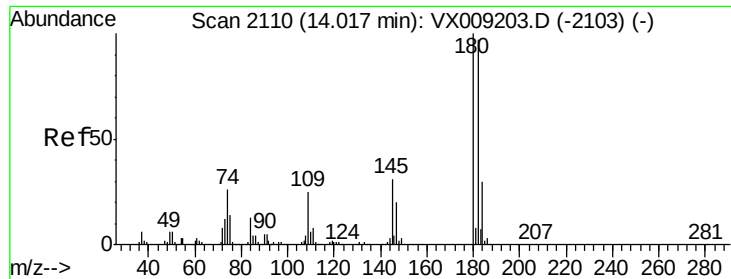
Delta R.T. -0.00 min

Lab File: VX009385.D

Acq: 07 May 2019 18:28

Tgt Ion:	128	Resp:	439496
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.7	8.6	13.0





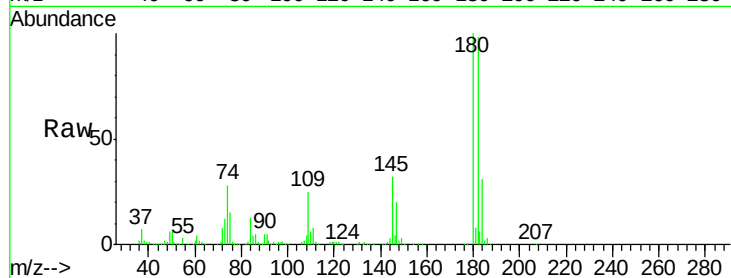
#96
 1,2,3-Trichlorobenzene
 Concen: 48.963 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009385.D
 Acq: 07 May 2019 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	47.8	143.4
145	31.6	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:40:34 AM



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

