

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008927.D
 Acq On : 13 Apr 2019 13:25
 Operator : JC/SP
 Sample : VX0413WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Manual Integrations
 APPROVED

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 4/15/2019 12:55:18 PM

Quant Time: Apr 15 02:17:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112304	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
35) Dibromofluoromethane	5.50	113	85072	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	8.71	98	335958	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.13	95	123081	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42954	21.113	ug/l	98
3) Chloromethane	1.33	50	50269	19.118	ug/l	99
4) Vinyl Chloride	1.41	62	49380	17.955	ug/l	98
5) Bromomethane	1.64	94	28173	21.896	ug/l	99
6) Chloroethane	1.72	64	29435	17.638	ug/l	96
7) Trichlorofluoromethane	1.93	101	58530	19.252	ug/l	100
8) Diethyl Ether	2.19	74	26040	18.062	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36474	18.634	ug/l	96
10) Methyl Iodide	2.51	142	32716	20.886	ug/l	99
11) Tert butyl alcohol	3.05	59	59079	97.890	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36744	17.982	ug/l	98
13) Acrolein	2.29	56	23349	78.023	ug/l	98
14) Allyl chloride	2.73	41	83152	17.776	ug/l	100
15) Acrylonitrile	3.14	53	141058	88.225	ug/l	99
16) Acetone	2.45	43	125129	84.273	ug/l	99
17) Carbon Disulfide	2.57	76	107147	17.681	ug/l	100
18) Methyl Acetate	2.78	43	63487	17.630	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	138632	18.998	ug/l	100
20) Methylene Chloride	2.85	84	43668	17.570	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39150	17.713	ug/l	94
22) Diisopropyl ether	3.85	45	164367	18.231	ug/l	91
23) Vinyl Acetate	3.81	43	734996	93.712	ug/l	100
24) 1,1-Dichloroethane	3.70	63	80344	17.999	ug/l	98
25) 2-Butanone	4.67	43	210361	89.638	ug/l	100
26) 2,2-Dichloropropane	4.58	77	58964	18.755	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45896	18.061	ug/l	97
28) Bromochloromethane	5.01	49	35225	16.887	ug/l	97
29) Tetrahydrofuran	5.13	42	139593	89.620	ug/l	99
30) Chloroform	5.21	83	73345	18.396	ug/l	97
31) Cyclohexane	5.58	56	81733	18.350	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	61120	18.971	ug/l	100
36) 1,1-Dichloropropene	5.80	75	56687	18.603	ug/l	98
37) Ethyl Acetate	4.84	43	80153	19.707	ug/l	98
38) Carbon Tetrachloride	5.78	117	50560	20.047	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73504	19.527	ug/l	99
40) Benzene	6.14	78	175117	19.291	ug/l	99
41) Methacrylonitrile	5.04	41	44714	19.125	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62360	19.162	ug/l	100
43) Isopropyl Acetate	6.45	43	124163	19.487	ug/l	99
44) Trichloroethene	7.21	130	41753	19.748	ug/l	96
45) 1,2-Dichloropropane	7.51	63	49728	19.192	ug/l	99
46) Dibromomethane	7.66	93	28159	18.738	ug/l	97
47) Bromodichloromethane	7.90	83	55328	19.527	ug/l	98
48) Methyl methacrylate	7.77	41	62262	19.318	ug/l	98
49) 1,4-Dioxane	7.74	88	23066	382.038	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	409651	99.877	ug/l	99
52) Toluene	8.78	92	106610	19.920	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63295	19.942	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	70040	19.312	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41747	19.433	ug/l	98
56) Ethyl methacrylate	9.18	69	79162	20.366	ug/l	97
57) 1,3-Dichloropropane	9.37	76	75044	19.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	178279	89.825	ug/l	98
59) 2-Hexanone	9.49	43	315082	98.849	ug/l	100
60) Dibromochloromethane	9.58	129	40583	20.047	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43497	19.449	ug/l	99
64) Tetrachloroethene	9.34	164	39685	21.697	ug/l	99
65) Chlorobenzene	10.13	112	108241	19.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39330	20.487	ug/l	99
67) Ethyl Benzene	10.25	91	200953	19.693	ug/l	98
68) m/p-Xylenes	10.36	106	145879	39.761	ug/l	98
69) o-Xylene	10.69	106	71041	19.980	ug/l	98
70) Styrene	10.71	104	123147	20.093	ug/l	100
71) Bromoform	10.85	173	30787	20.997	ug/l #	99
73) Isopropylbenzene	11.02	105	191108	19.691	ug/l	100
74) N-amyl acetate	10.90	43	108837	19.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68691	18.610	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60315m	18.748	ug/l	
77) Bromobenzene	11.26	156	46727	20.027	ug/l	95
78) n-propylbenzene	11.36	91	219183	19.395	ug/l	99
79) 2-Chlorotoluene	11.42	91	129392	18.920	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161650	19.842	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22553	19.324	ug/l	97
82) 4-Chlorotoluene	11.51	91	149084	18.833	ug/l	98
83) tert-Butylbenzene	11.77	119	152736	19.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	162359	19.682	ug/l	99
85) sec-Butylbenzene	11.94	105	185021	19.873	ug/l	98
86) p-Isopropyltoluene	12.06	119	170609	20.417	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81560	19.526	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	81359	19.235	ug/l	99
89) n-Butylbenzene	12.38	91	156219	19.935	ug/l	100
90) Hexachloroethane	12.60	117	27841	20.088	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	80730	19.466	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15017	18.494	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

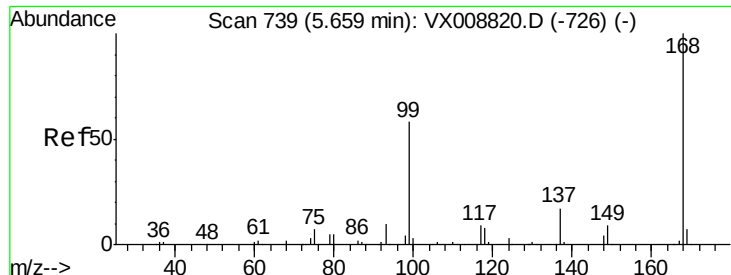
Manual Integrations
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QLast Update : Thu Apr 04 04:47:41 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57123	19.810	ug/l	98
94) Hexachlorobutadiene	13.78	225	29992	21.688	ug/l	100
95) Naphthalene	13.83	128	185957	19.295	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	56982	19.778	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:168 Resp: 176745

Ion Ratio Lower Upper

168 100

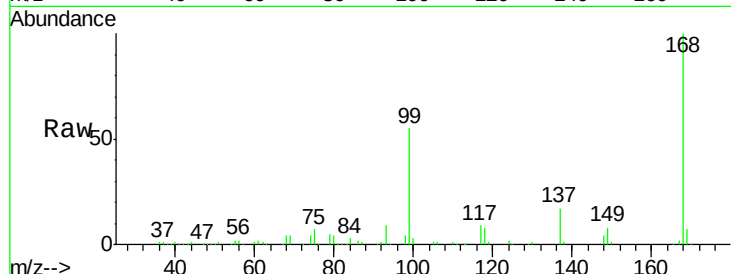
99 54.7 46.7 70.1

Manual Integrations

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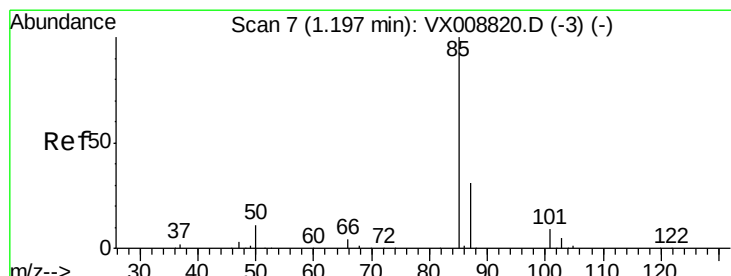
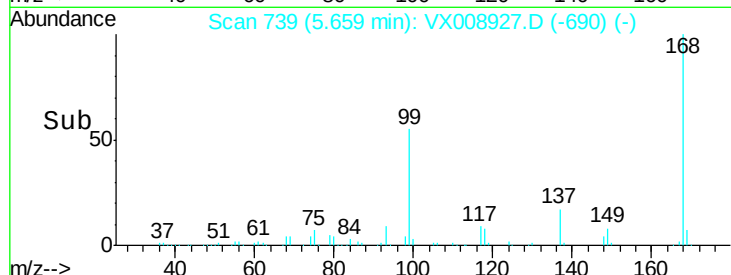
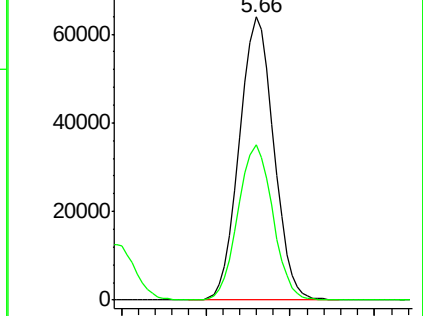
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.113 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008927.D

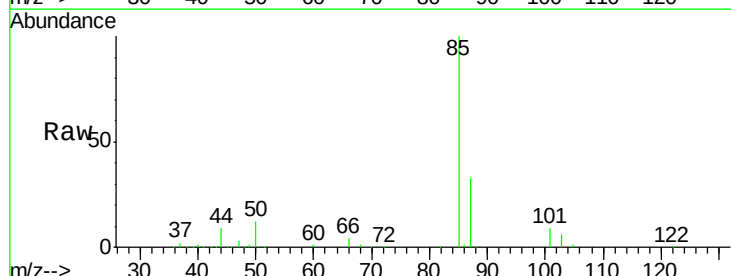
Acq: 13 Apr 2019 13:25

Tgt Ion: 85 Resp: 42954

Ion Ratio Lower Upper

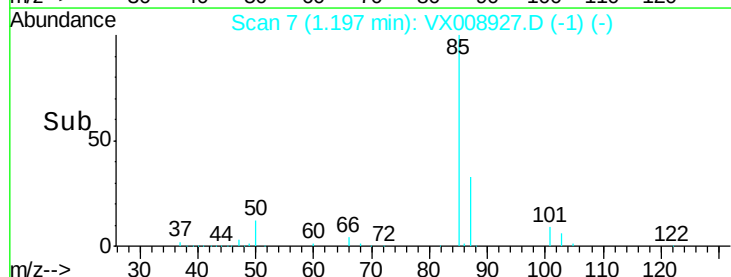
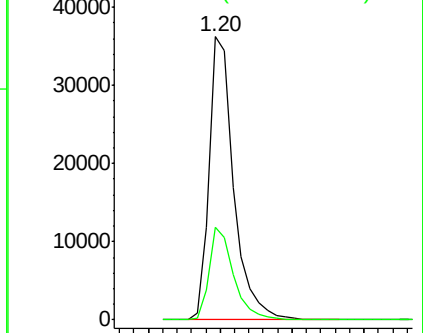
85 100

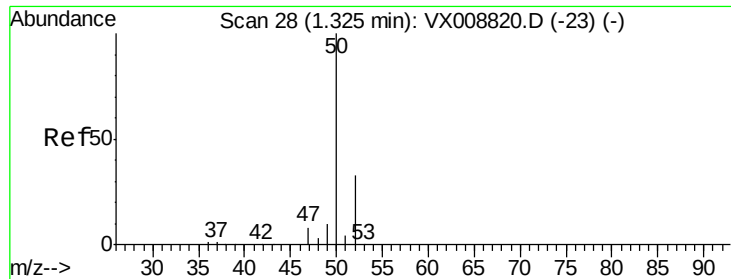
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.118 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 50 Resp: 50269

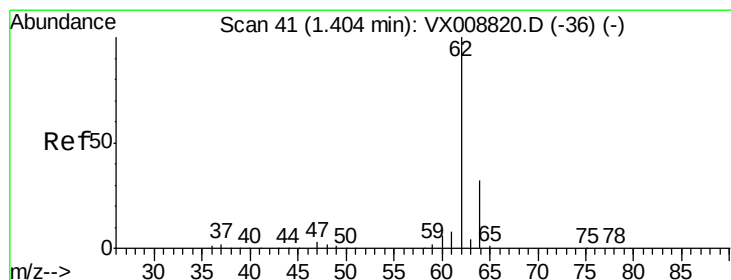
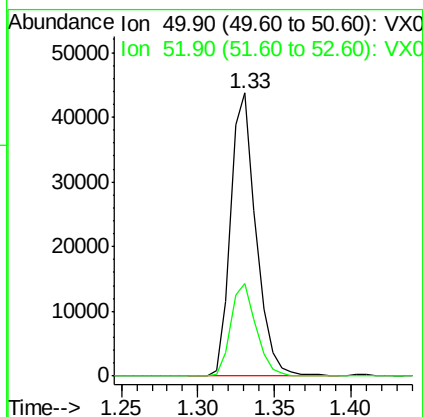
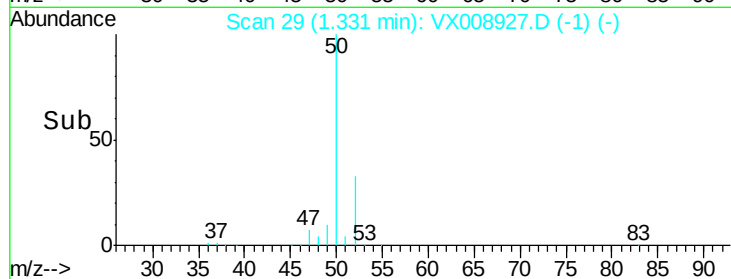
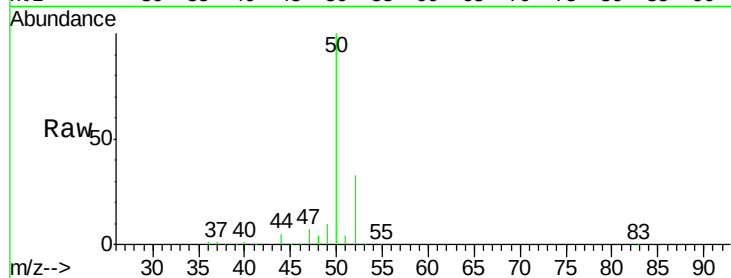
Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8

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#4

Vinyl Chloride

Concen: 17.955 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008927.D

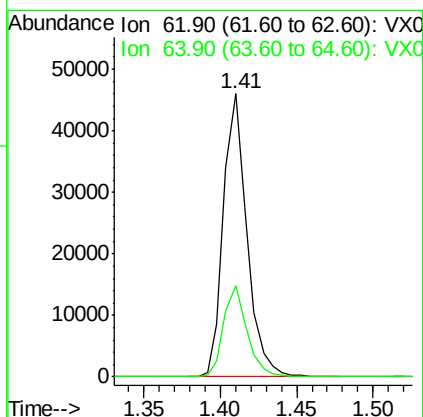
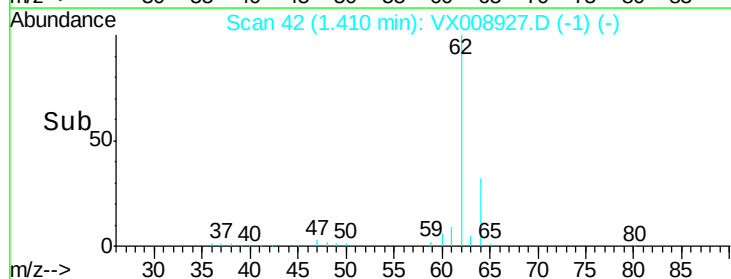
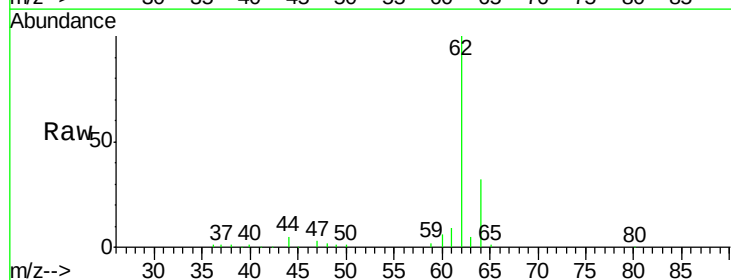
Acq: 13 Apr 2019 13:25

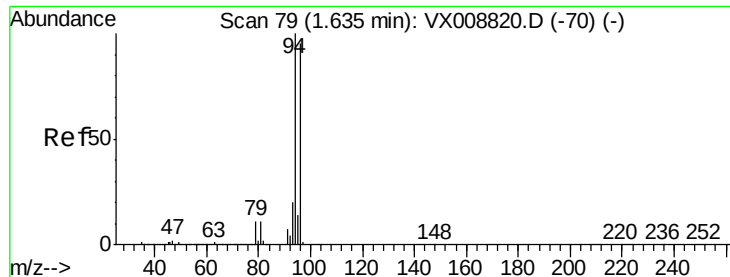
Tgt Ion: 62 Resp: 49380

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1





#5

Bromomethane

Concen: 21.896 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 94 Resp: 28173

Ion Ratio Lower Upper

94 100

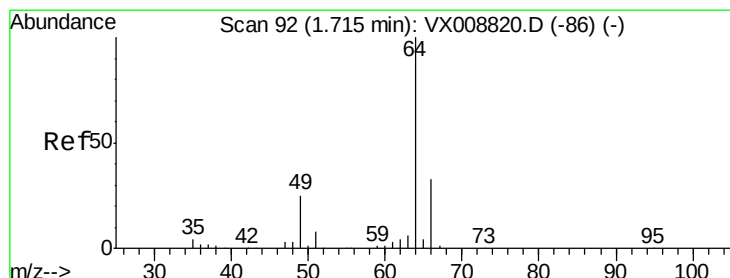
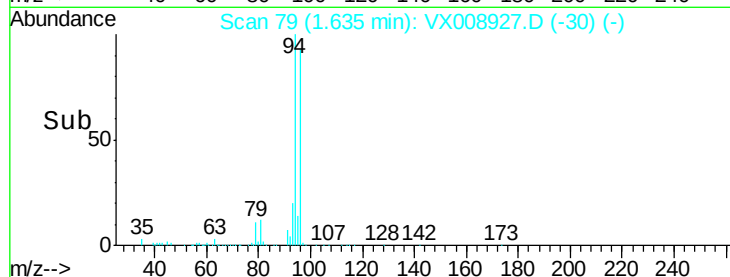
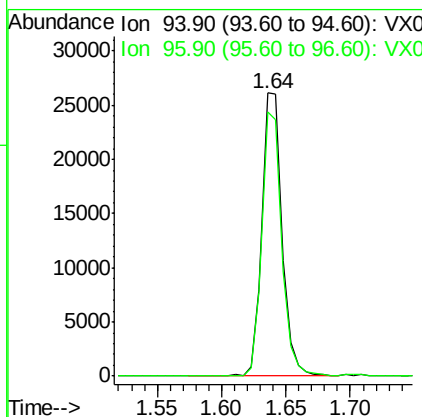
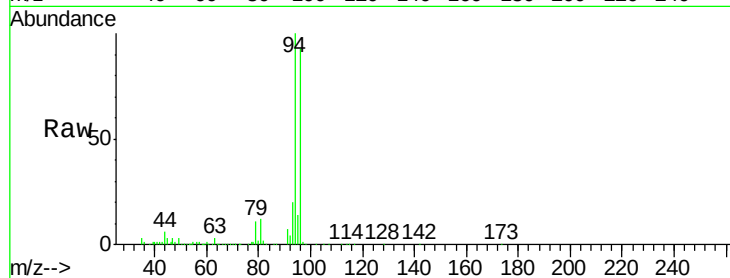
96 93.1 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 17.638 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008927.D

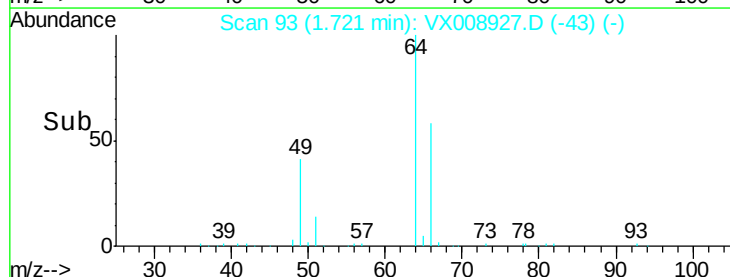
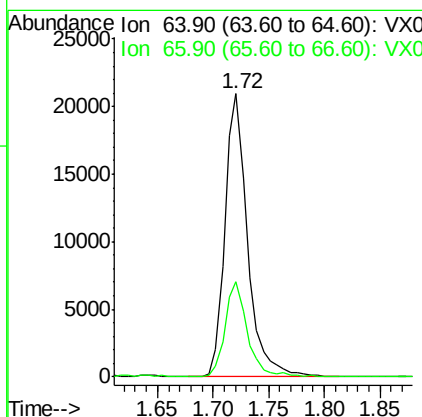
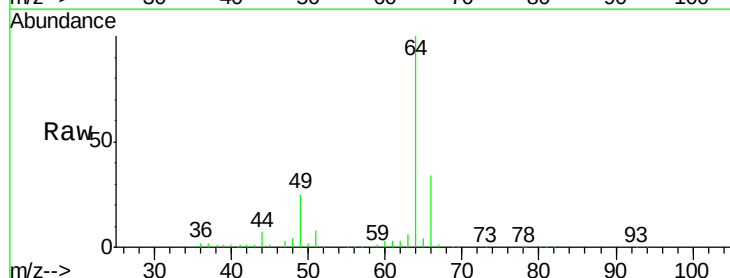
Acq: 13 Apr 2019 13:25

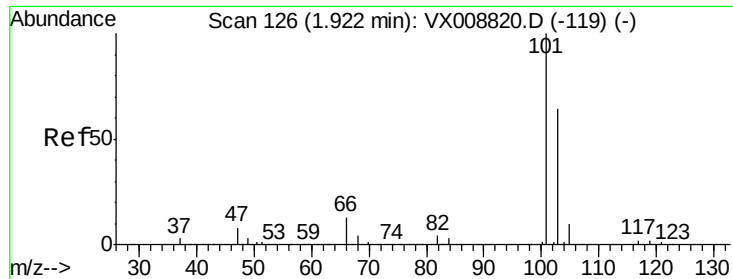
Tgt Ion: 64 Resp: 29435

Ion Ratio Lower Upper

64 100

66 33.8 25.4 38.0





#7

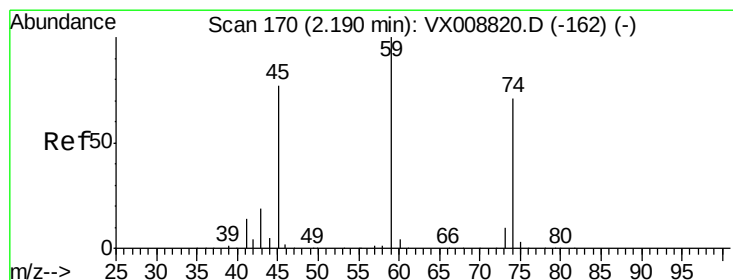
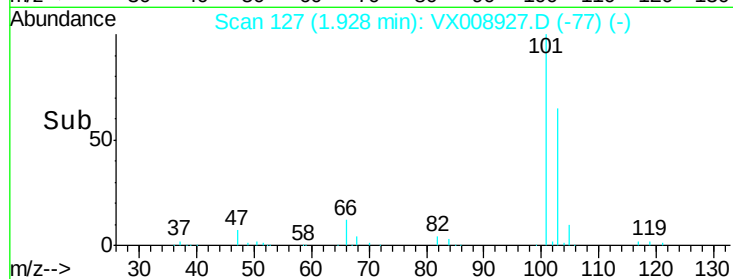
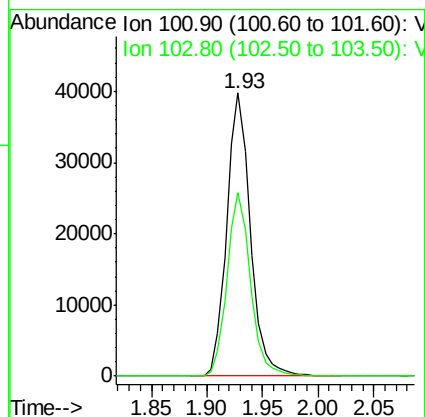
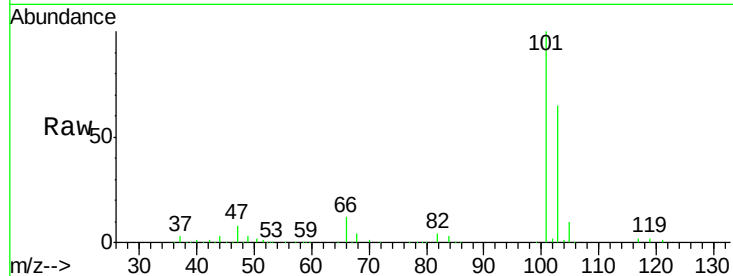
Trichlorofluoromethane
Concen: 19.252 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

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ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.3	78.5

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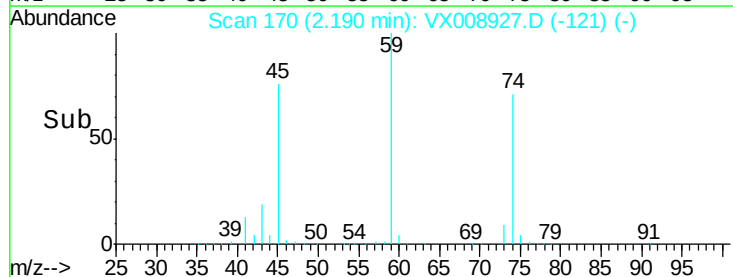
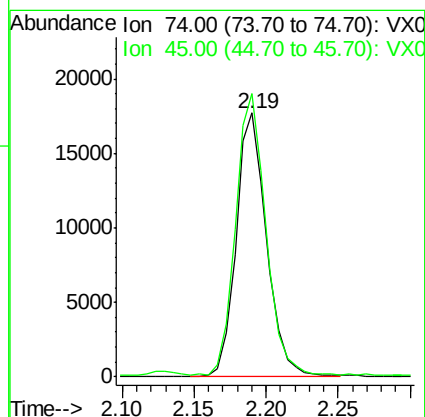
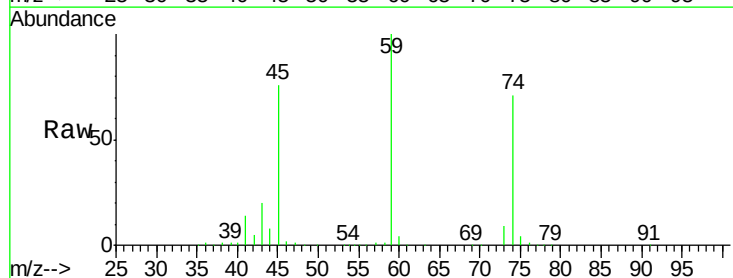
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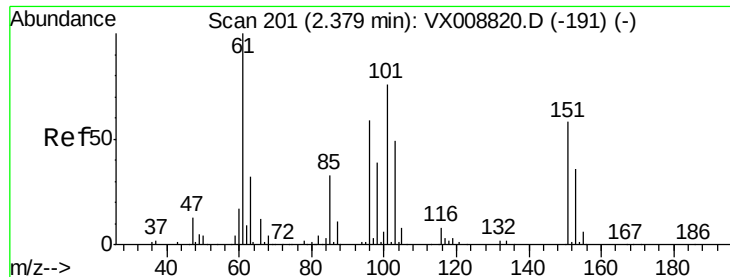


#8

Diethyl Ether
Concen: 18.062 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.0	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.634 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

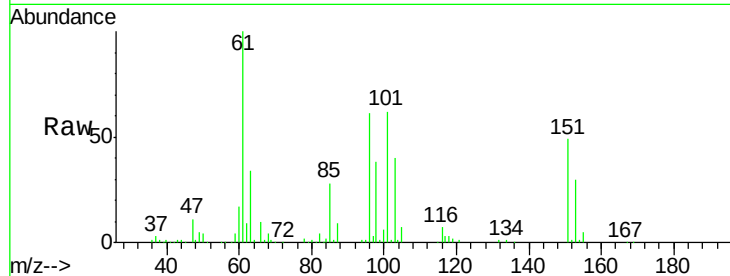
ClientSampleID :

VX0413WBS01

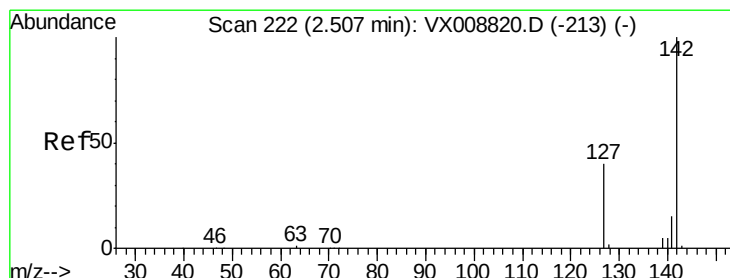
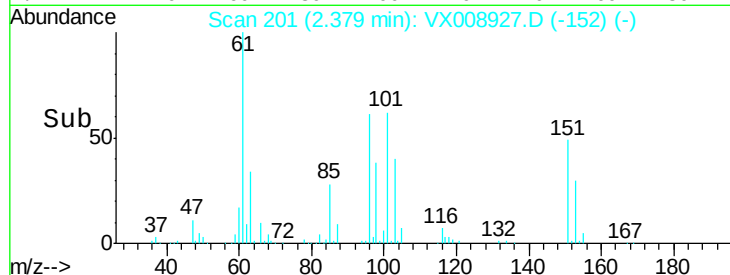
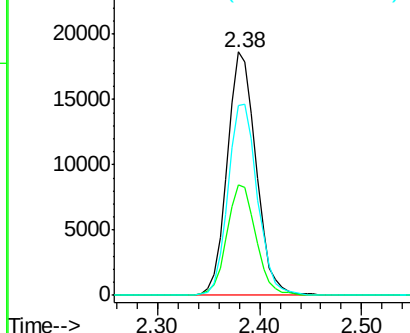
Tot Ion:	101	Resp:	36474
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.0	54.0
151	79.9	59.9	89.9

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.886 ug/l

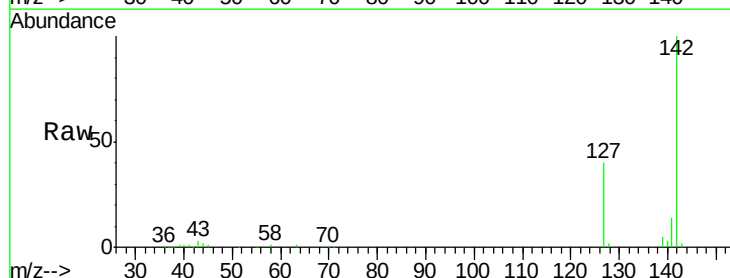
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

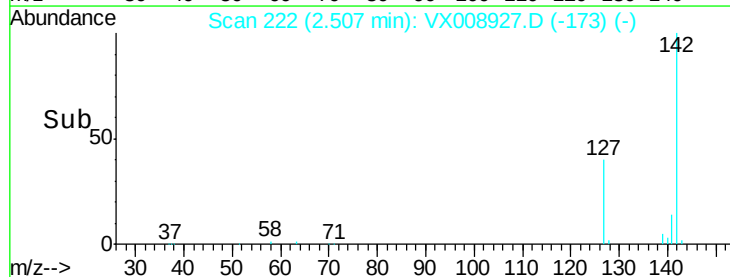
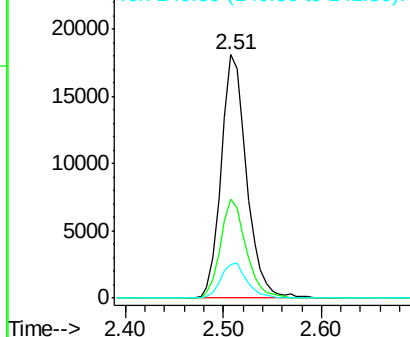
Lab File: VX008927.D

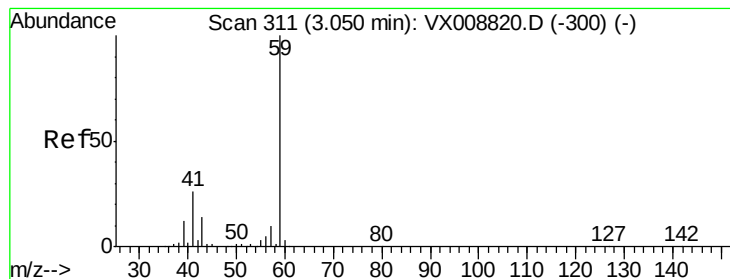
Acq: 13 Apr 2019 13:25

Tgt Ion:	142	Resp:	32716
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.0	49.6
141	14.8	11.4	17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

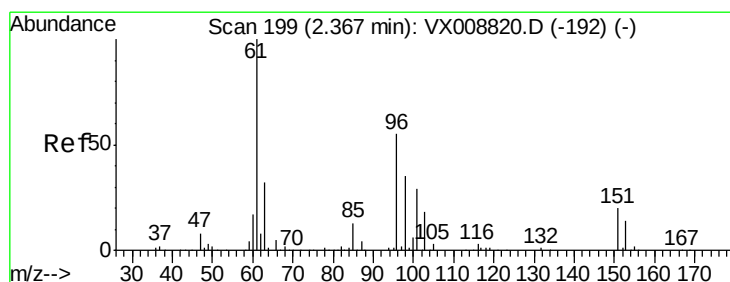
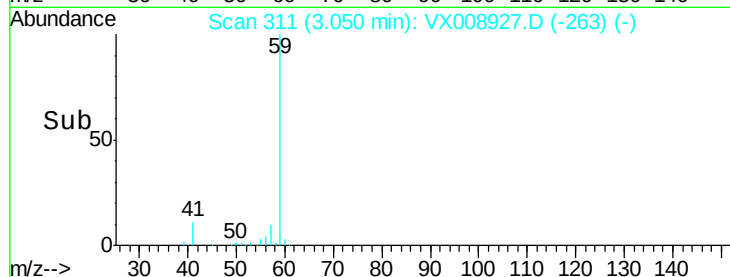
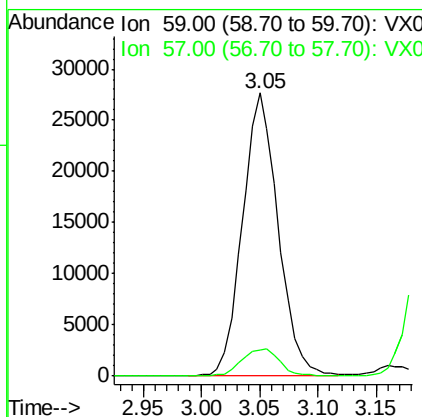
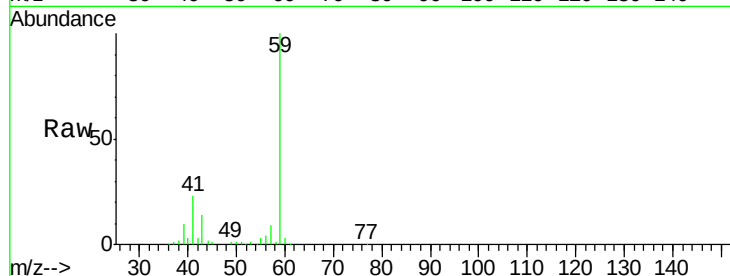
Tert butyl alcohol
 Concen: 97.890 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

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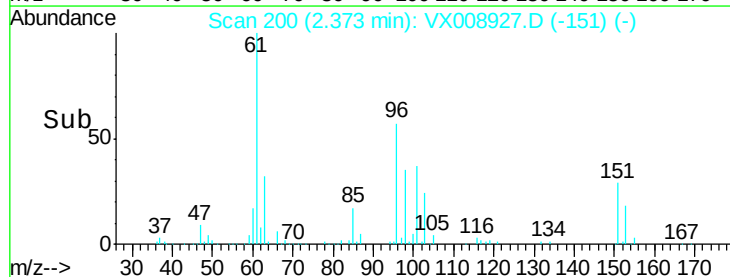
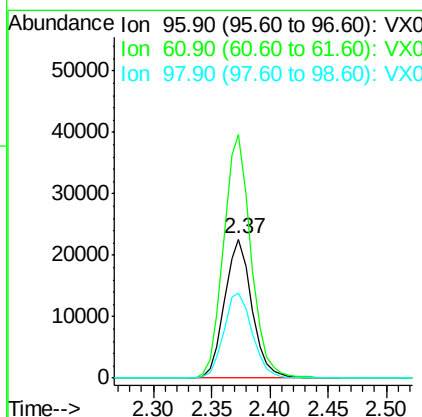
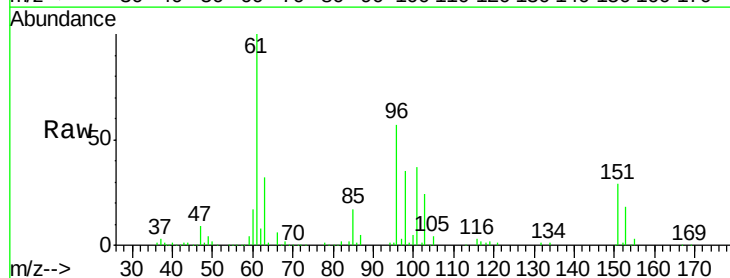
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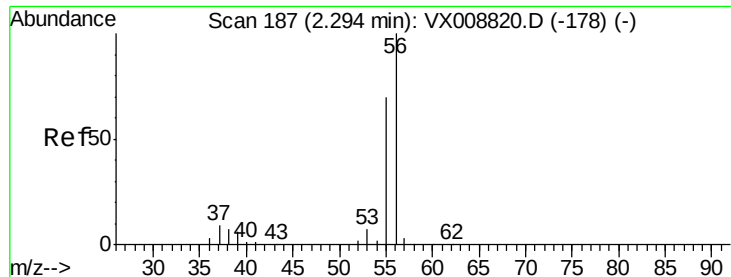


#12

1,1-Dichloroethene
 Concen: 17.982 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	140.9	211.3
98	61.0	52.1	78.1





#13

Acrolein

Concen: 78.023 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 56 Resp: 23349

Ion Ratio Lower Upper

56 100

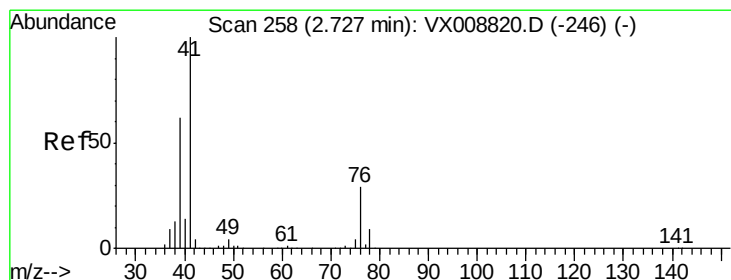
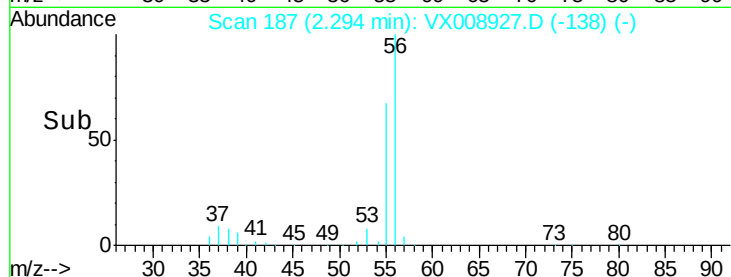
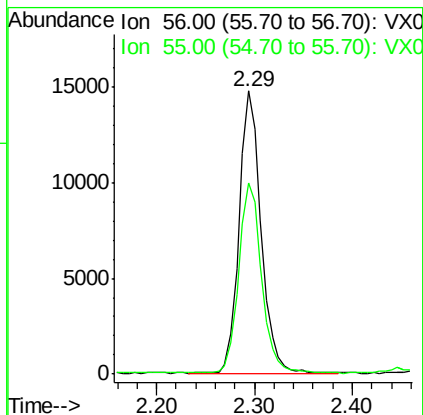
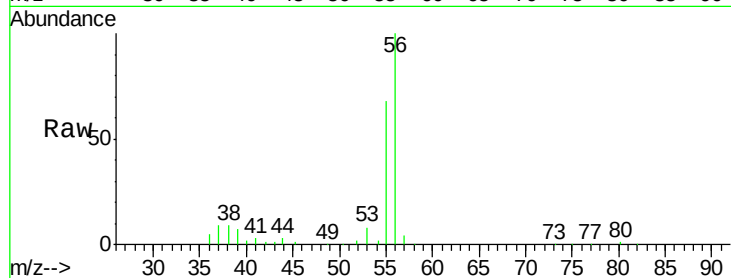
55 71.2 58.0 87.0

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#14

Allyl chloride

Concen: 17.776 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

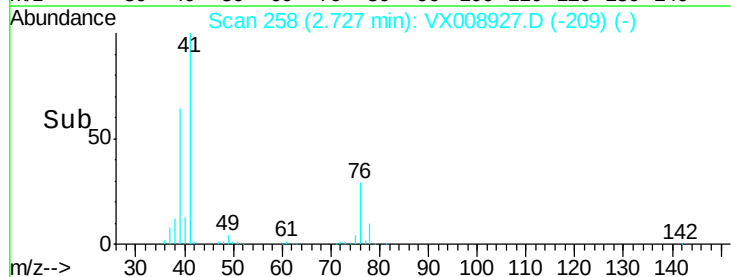
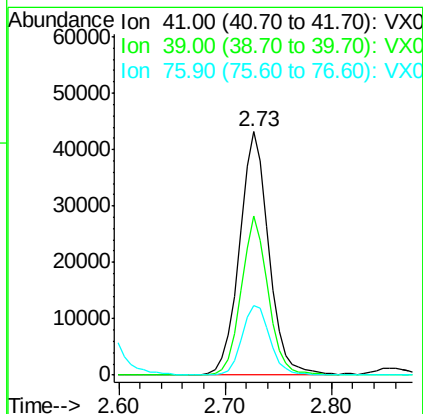
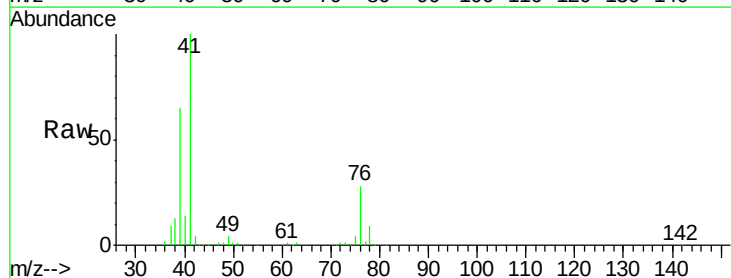
Tgt Ion: 41 Resp: 83152

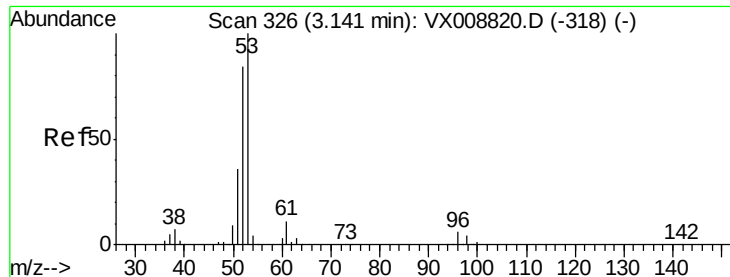
Ion Ratio Lower Upper

41 100

39 60.3 48.0 72.0

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 88.225 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

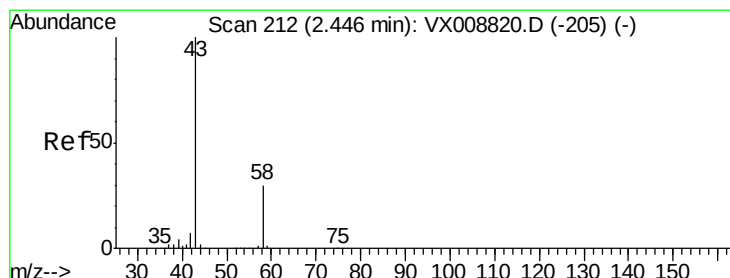
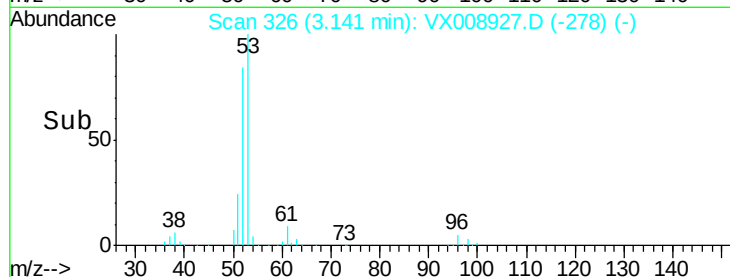
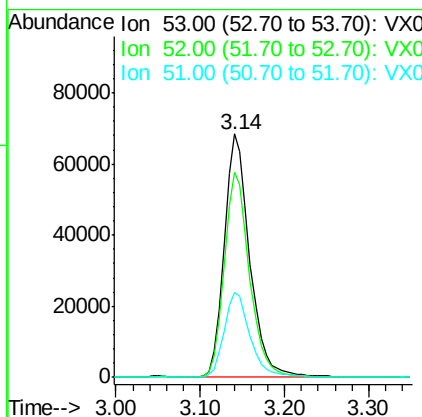
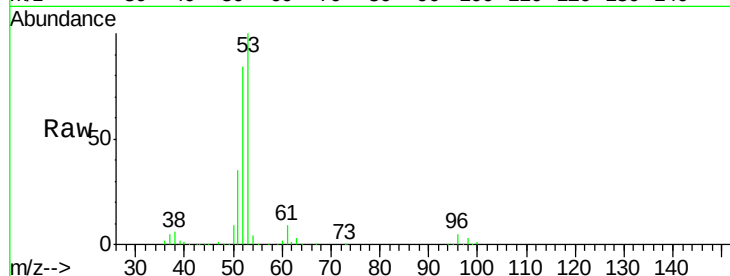
ClientSampleId :

VX0413WBS01

Tot Ion:	53	Resp:	141058
Ion Ratio		Lower	Upper
53	100		
52	84.3	66.5	99.7
51	35.9	28.6	42.8

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#16

Acetone

Concen: 84.273 ug/l

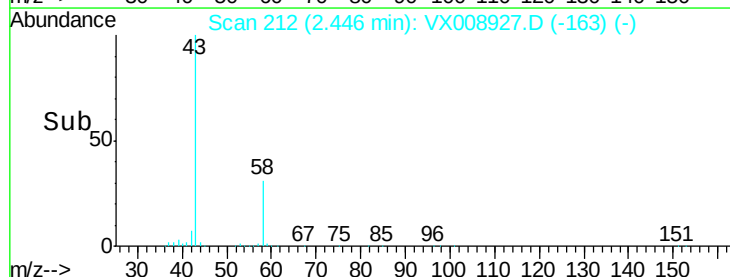
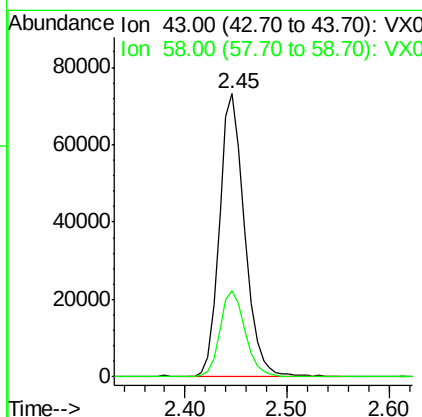
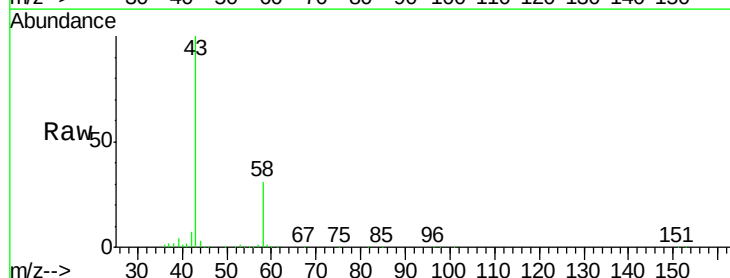
RT: 2.45 min Scan# 212

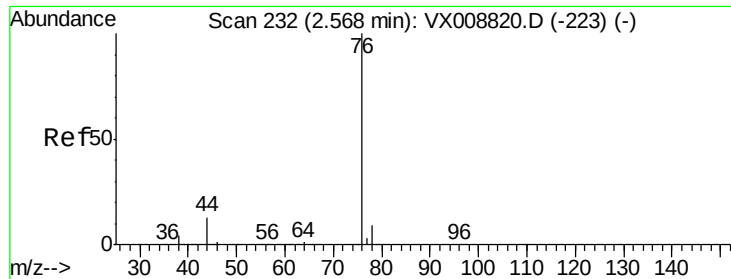
Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	43	Resp:	125129
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.8	37.2





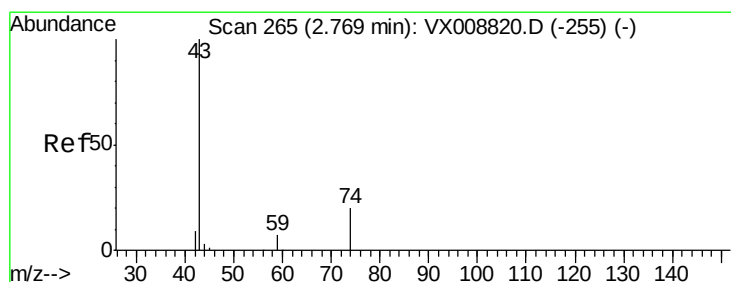
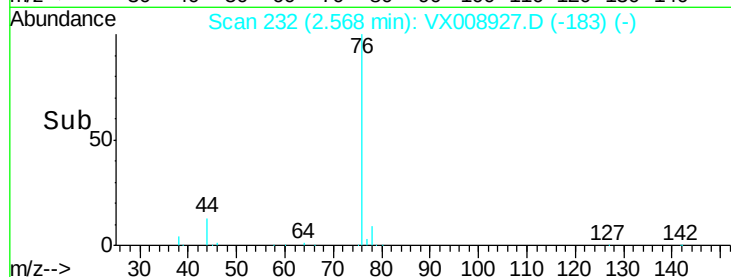
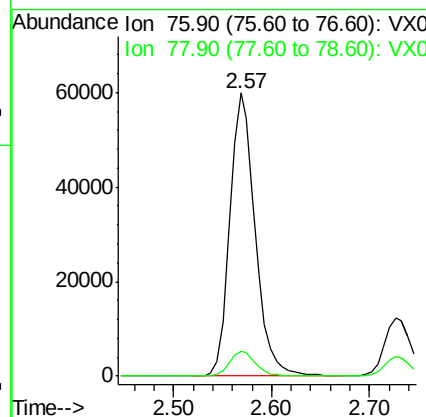
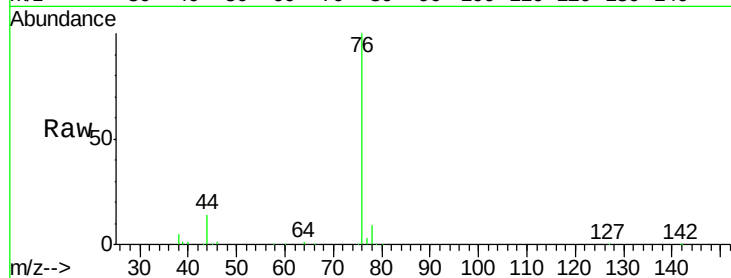
#17
Carbon Disulfide
Concen: 17.681 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

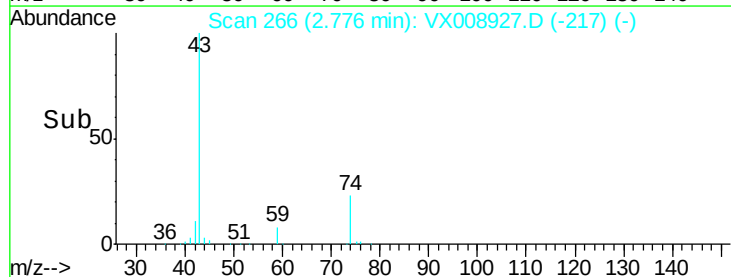
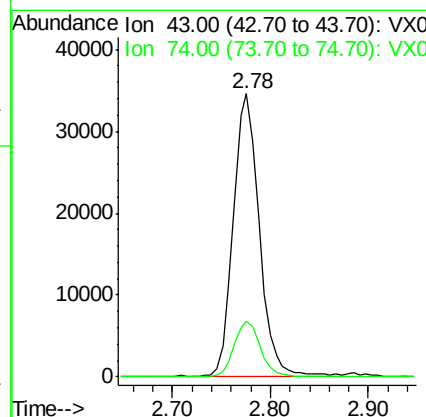
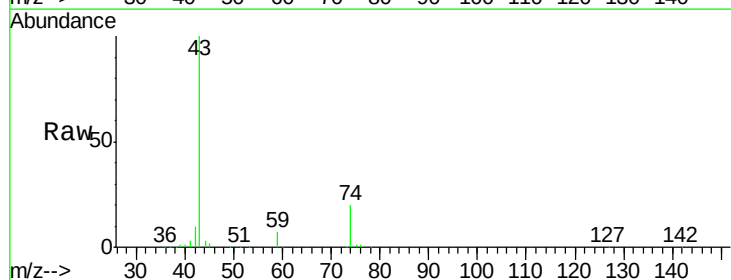
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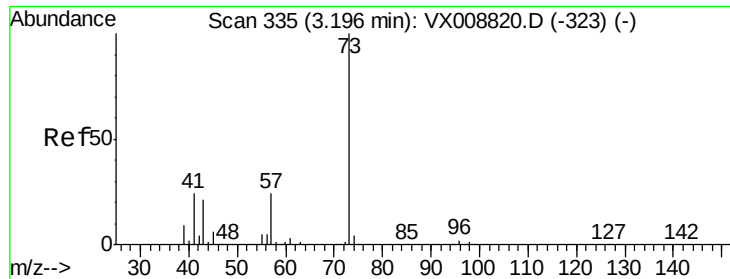
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#18
Methyl Acetate
Concen: 17.630 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.5	24.7





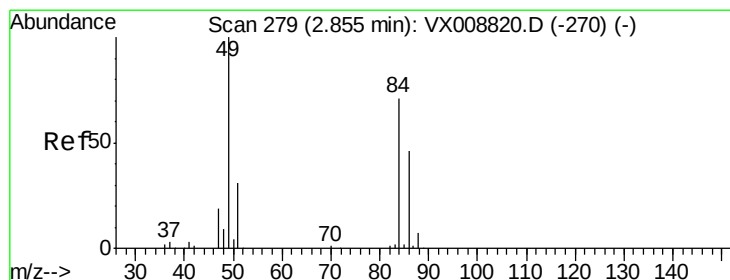
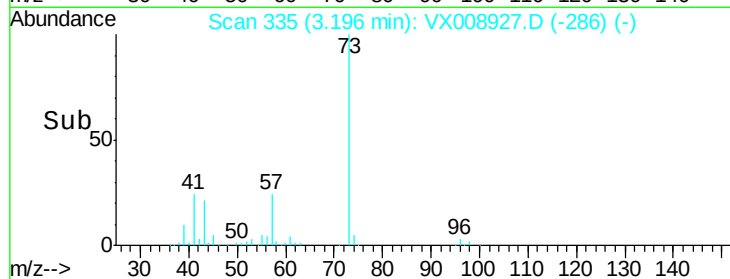
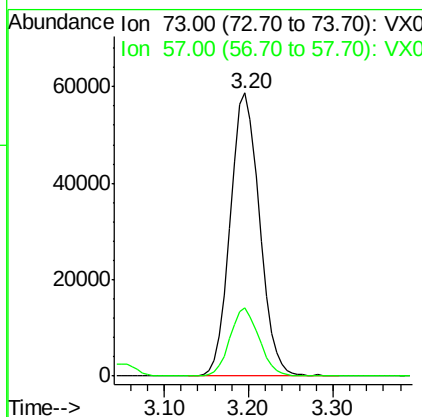
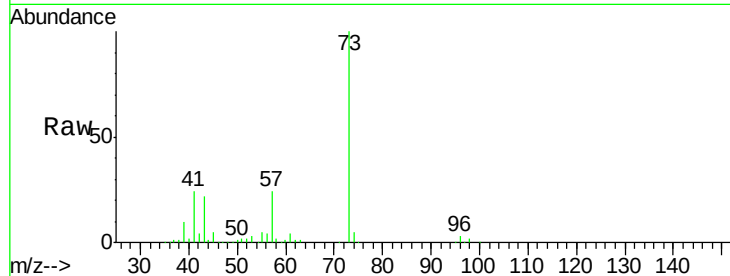
#19
Methyl tert-butyl Ether
Concen: 18.998 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	19.5	29.3

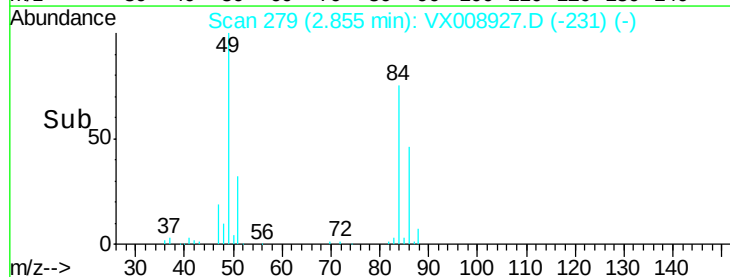
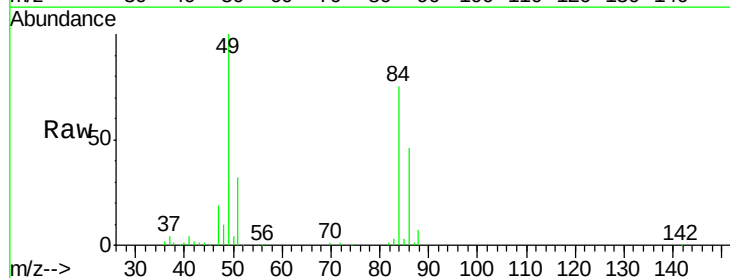
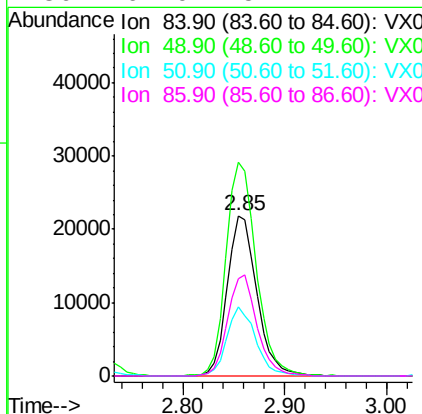
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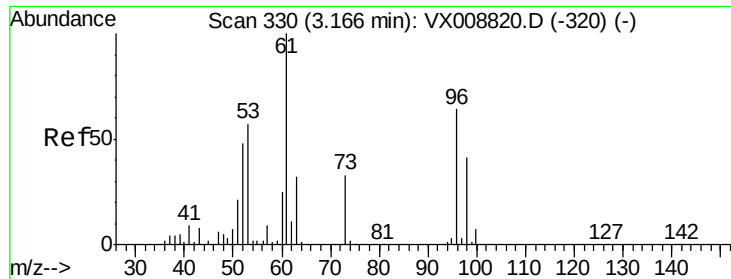
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#20
Methylene Chloride
Concen: 17.570 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.9	109.7	164.5
51	42.7	33.6	50.4
86	61.0	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 17.713 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

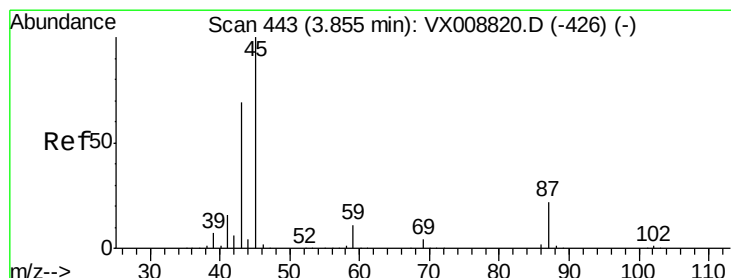
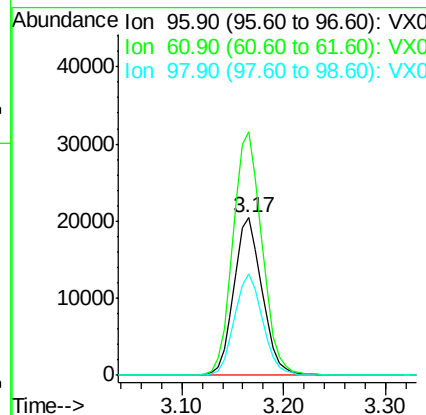
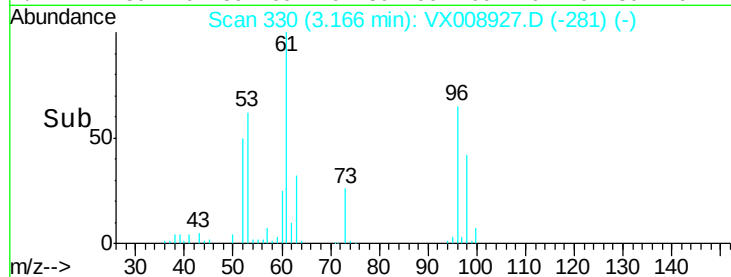
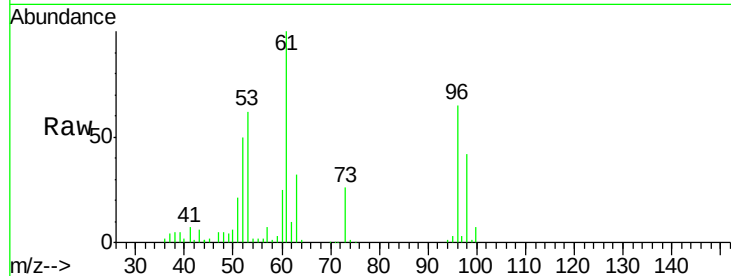
ClientSampleId :

VX0413WBS01

Tot Ion:	96	Resp:	39150
Ion	Ratio	Lower	Upper
96	100		
61	154.5	132.1	198.1
98	64.6	52.2	78.2

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#22

Diisopropyl ether

Concen: 18.231 ug/l

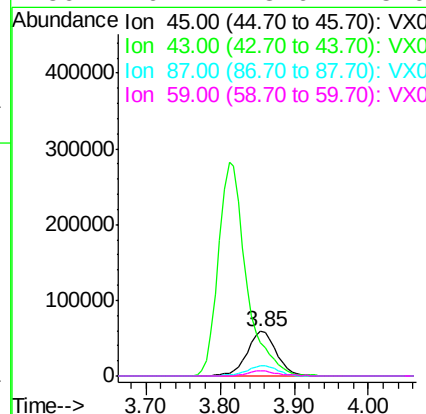
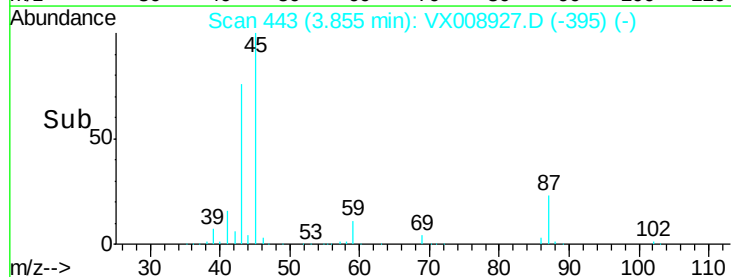
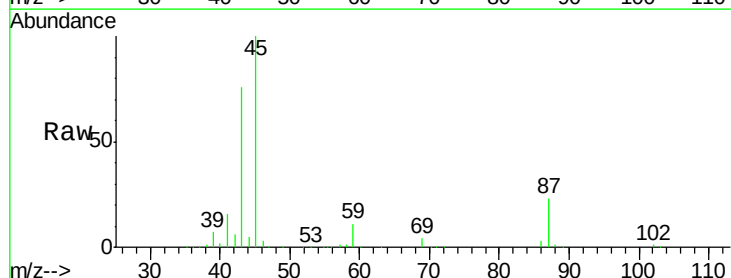
RT: 3.85 min Scan# 443

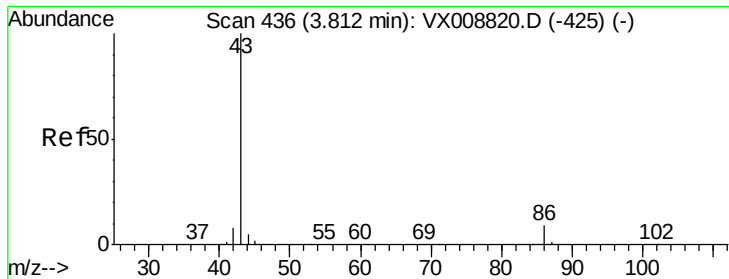
Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	45	Resp:	164367
Ion	Ratio	Lower	Upper
45	100		
43	75.0	51.3	76.9
87	22.6	18.1	27.1
59	10.7	8.6	13.0





#23

Vinyl Acetate

Concen: 93.712 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 43 Resp: 734996

Ion Ratio Lower Upper

43 100

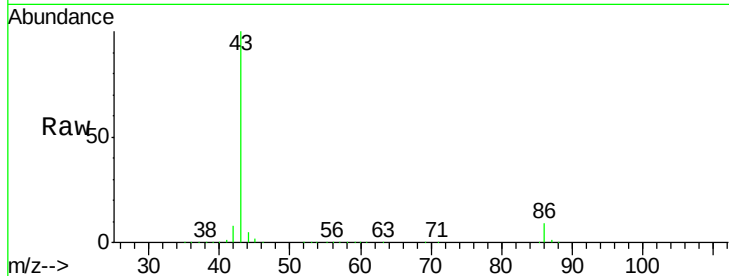
86 8.6 7.0 10.6

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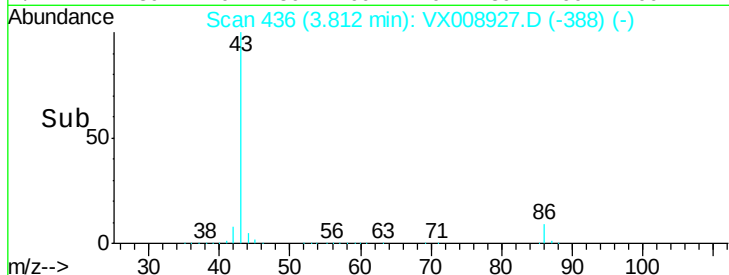
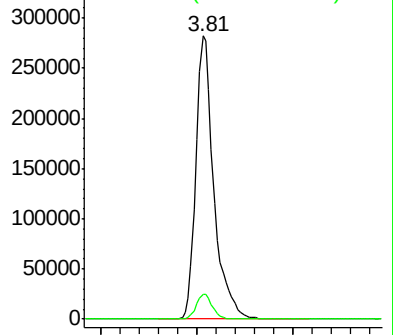
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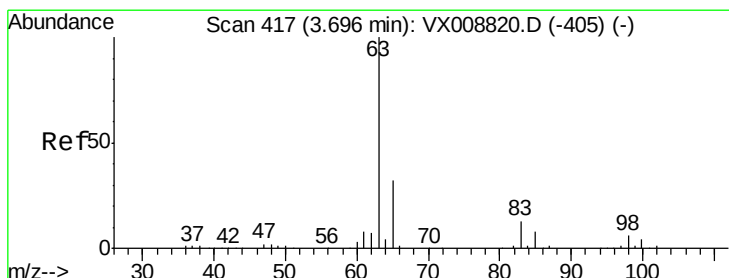


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 17.999 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

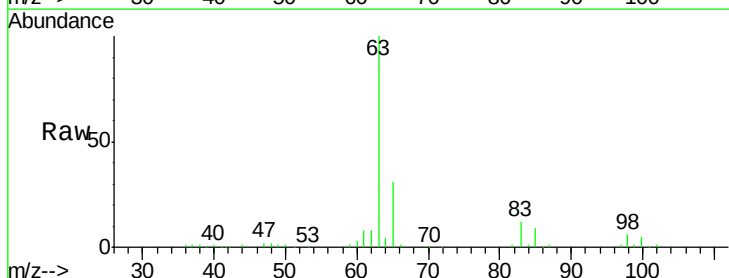
Tgt Ion: 63 Resp: 80344

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

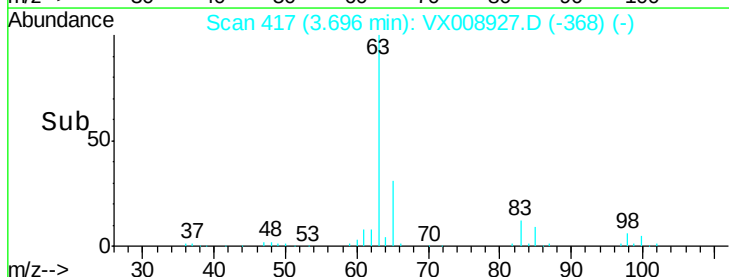
100 4.5 1.8 5.5



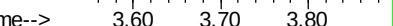
Abundance Ion 62.90 (62.60 to 63.60): VX0

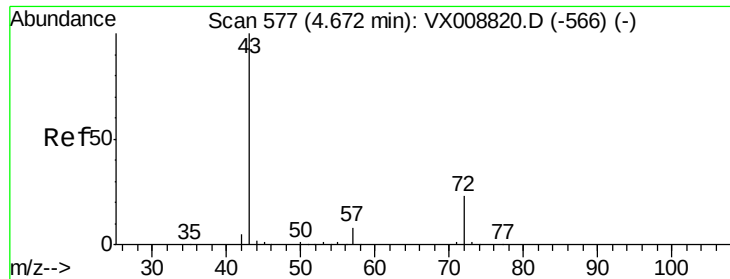
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 89.638 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 43 Resp: 210361

Ion Ratio Lower Upper

43 100

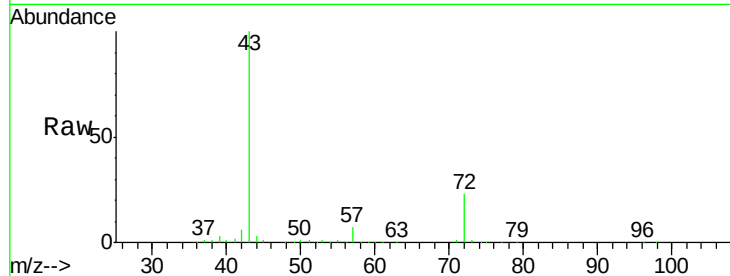
72 22.6 18.2 27.4

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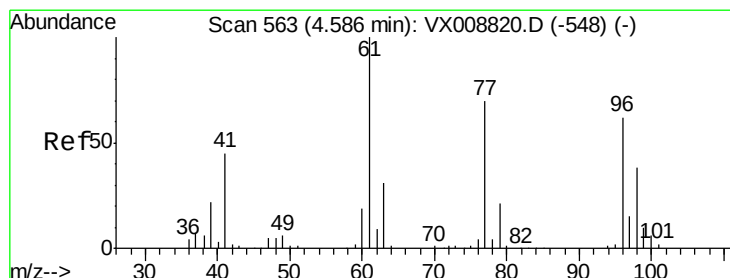
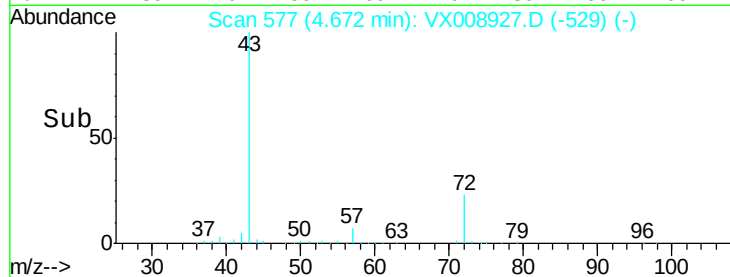
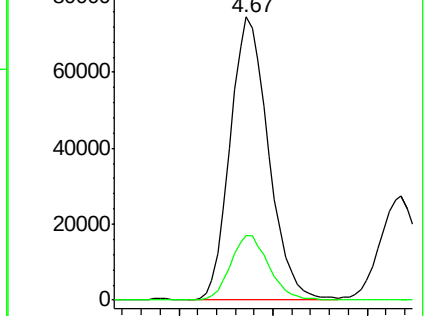
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.755 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008927.D

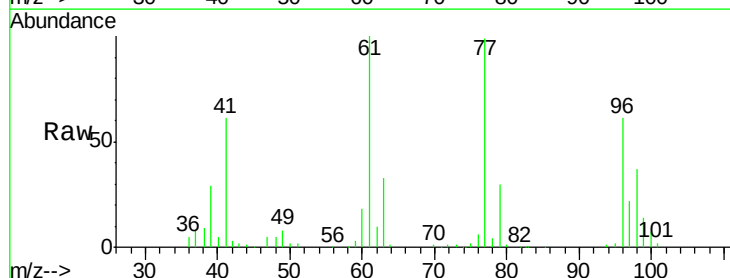
Acq: 13 Apr 2019 13:25

Tgt Ion: 77 Resp: 58964

Ion Ratio Lower Upper

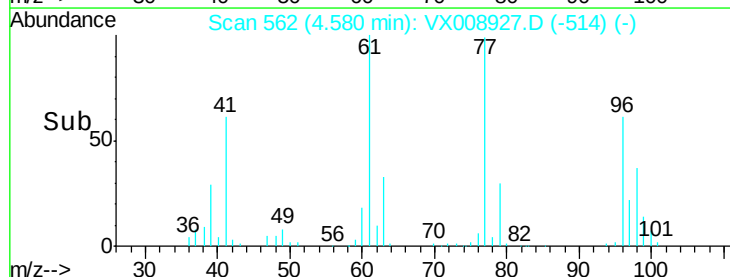
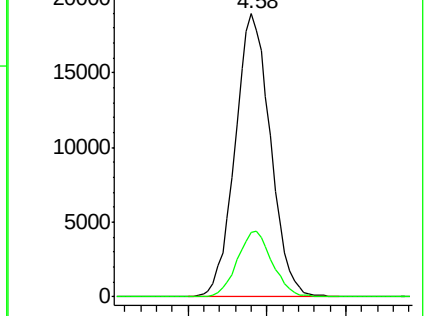
77 100

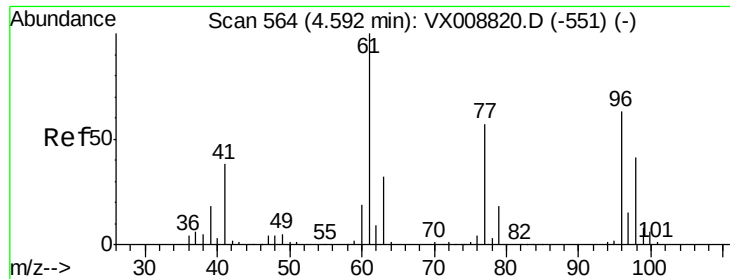
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

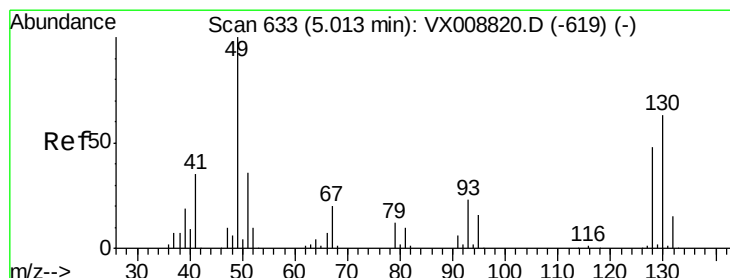
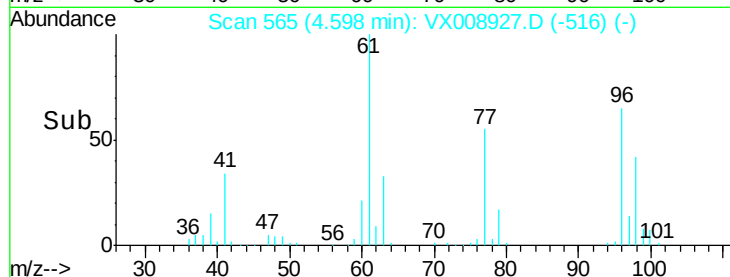
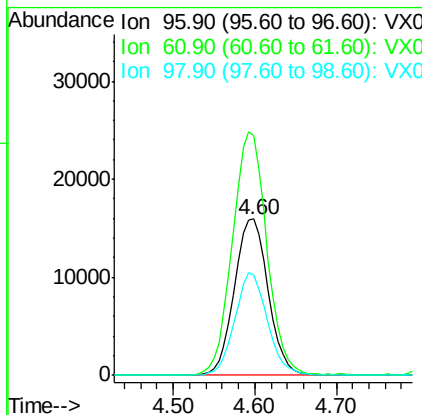
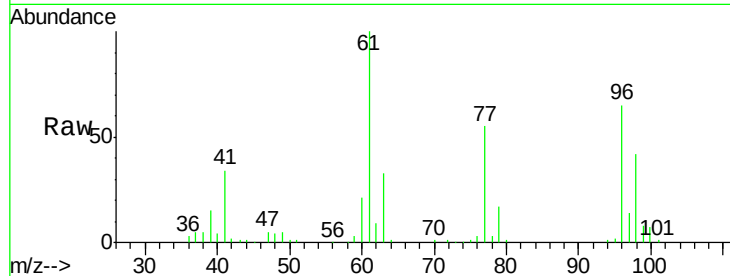
cis-1,2-Dichloroethene
Concen: 18.061 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.4	0.0	327.6	
98	63.2	0.0	128.6	

Manual Integrations
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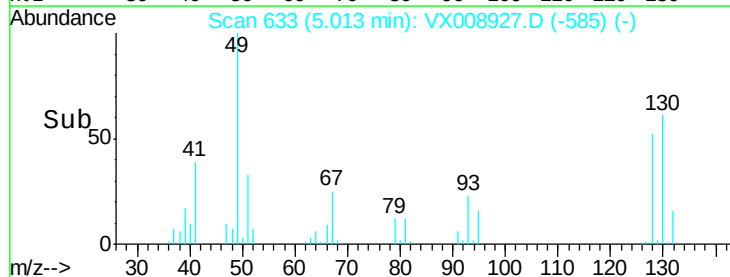
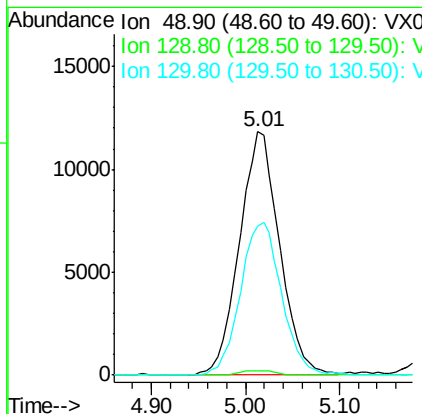
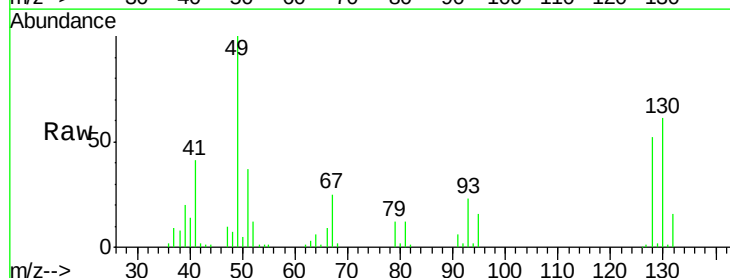
MMDadoda
4/15/2019 12:55:18 PM

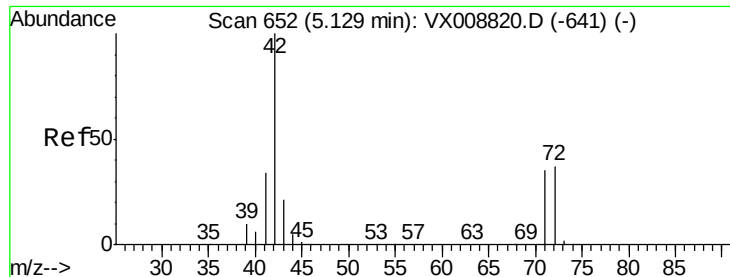


#28

Bromochloromethane
Concen: 16.887 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.6	
130	64.2	49.3	73.9	





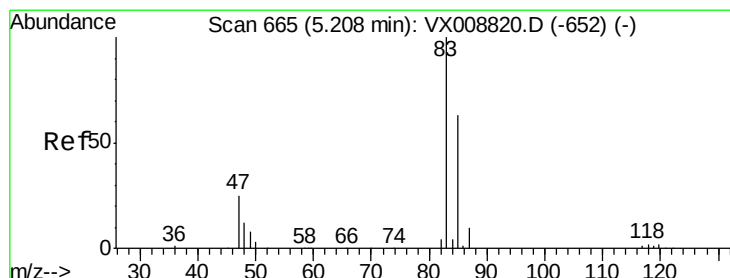
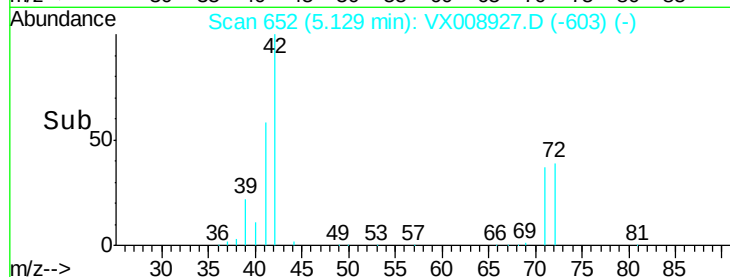
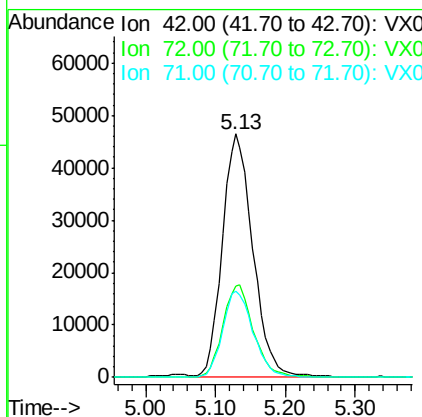
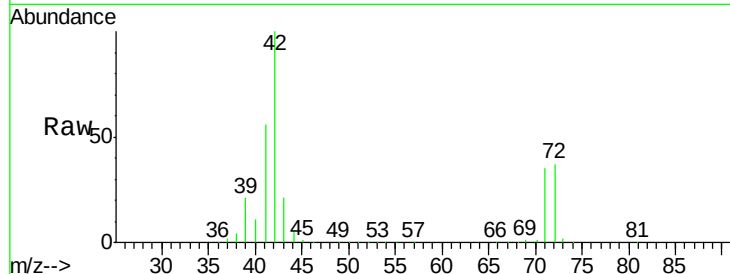
#29
Tetrahydrofuran
Concen: 89.620 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.5	45.7
71	36.0	28.6	43.0

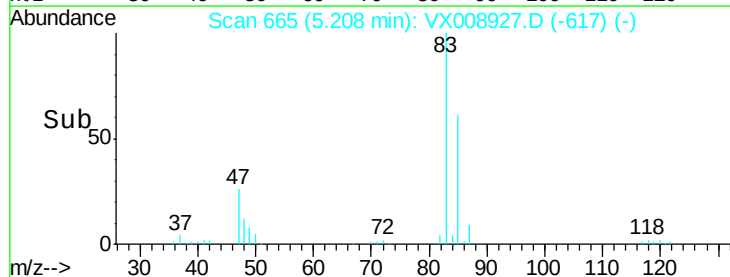
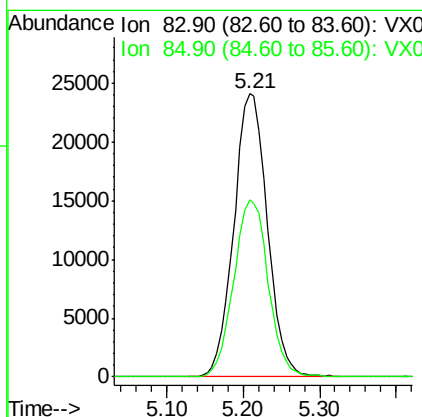
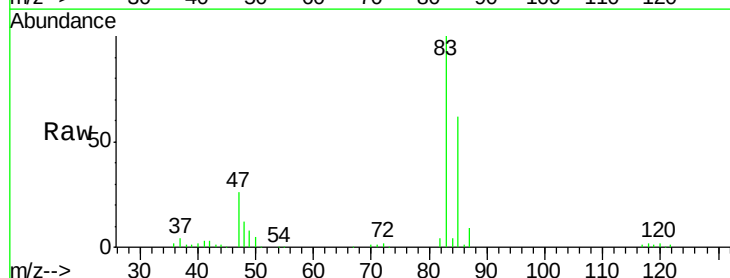
Manual Integrations
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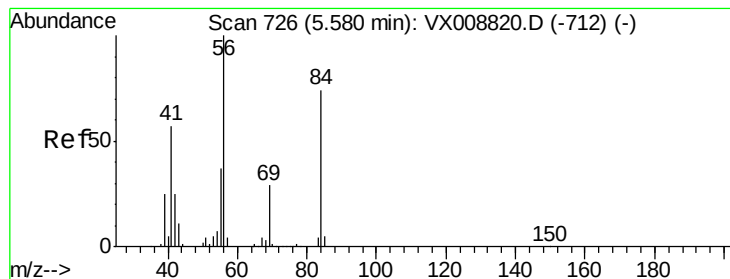
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#30
Chloroform
Concen: 18.396 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.1	78.1





#31

Cyclohexane

Concen: 18.350 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

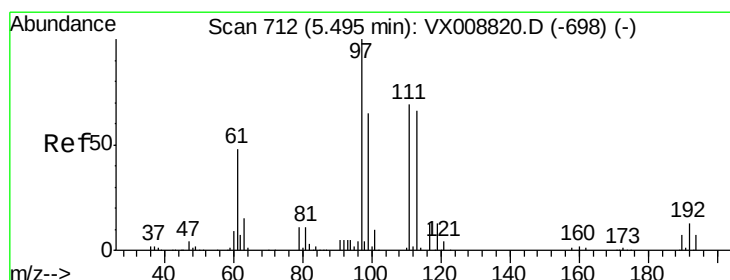
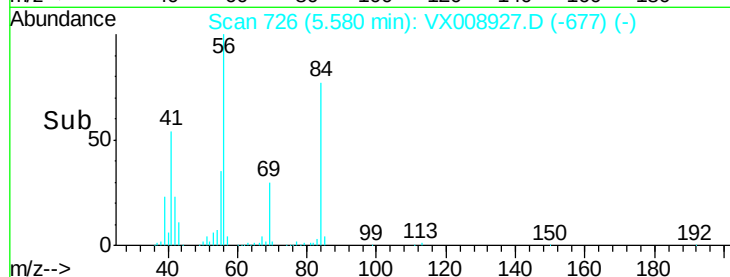
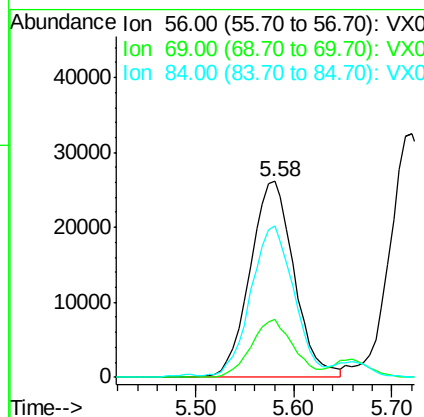
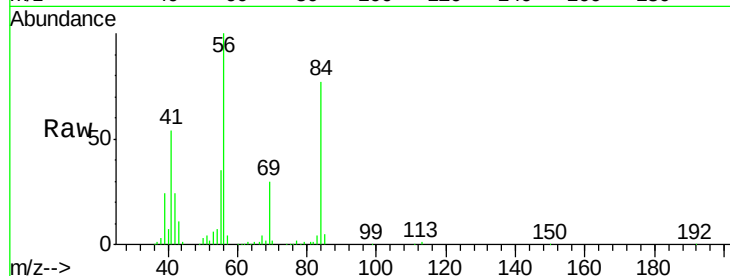
ClientSampleId :

VX0413WBS01

Tot Ion:	56	Resp:	81733
Ion	Ratio	Lower	Upper
56	100		
69	29.5	22.6	33.8
84	75.3	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.971 ug/l

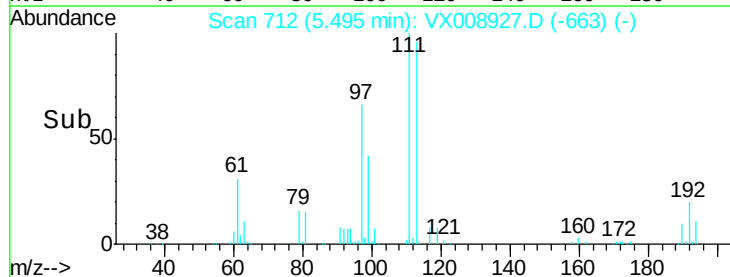
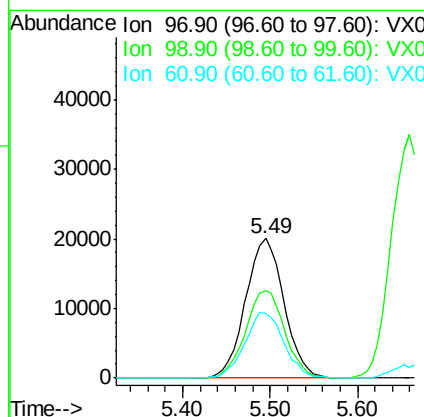
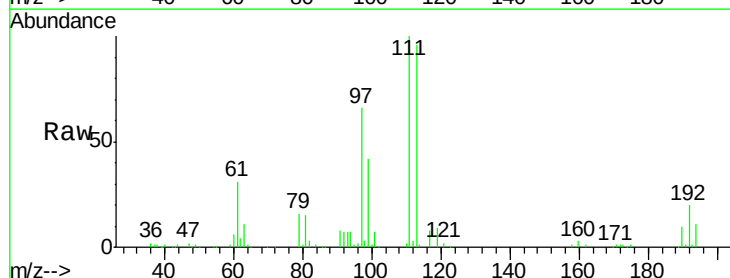
RT: 5.49 min Scan# 712

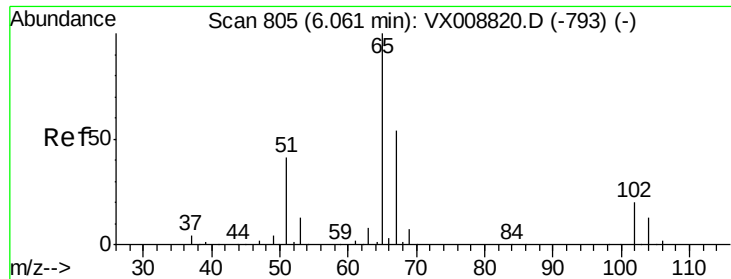
Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	97	Resp:	61120
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	48.0	38.9	58.3





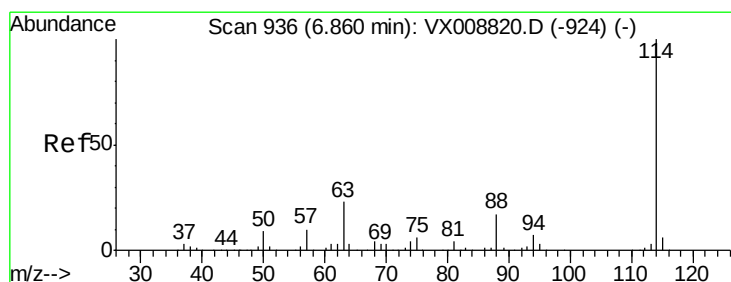
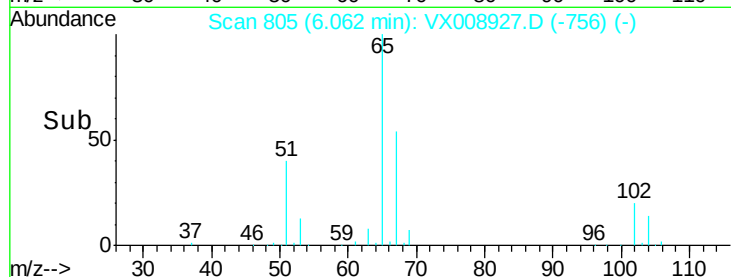
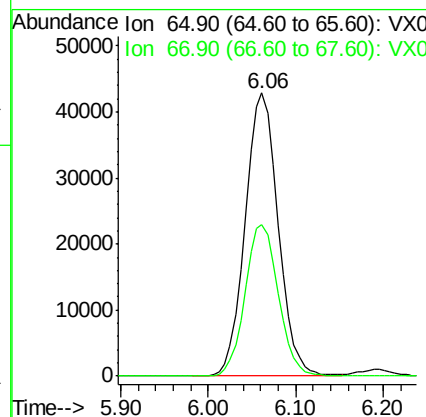
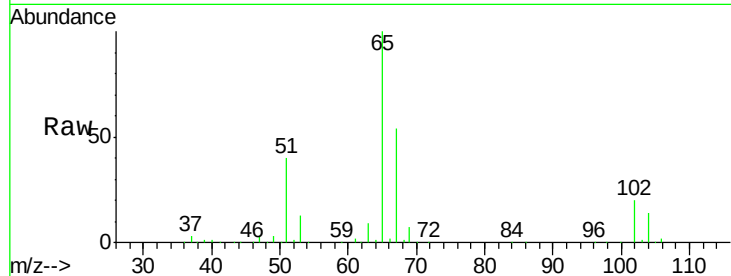
#33
 1,2-Dichloroethane-d4
 Concen: 43.564 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampled :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	112304		
67	54.1	0.0	107.2	

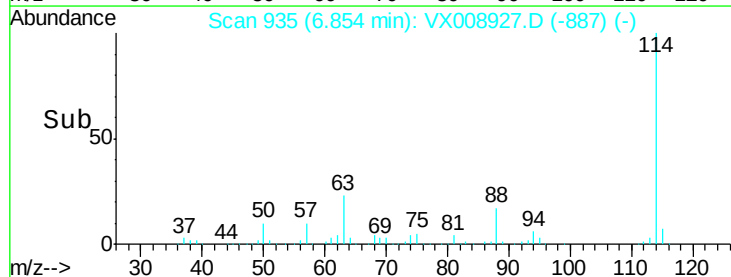
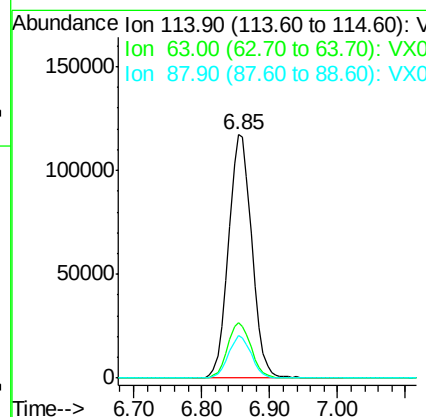
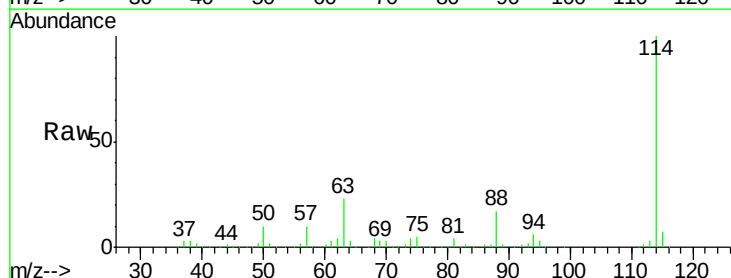
Manual Integrations
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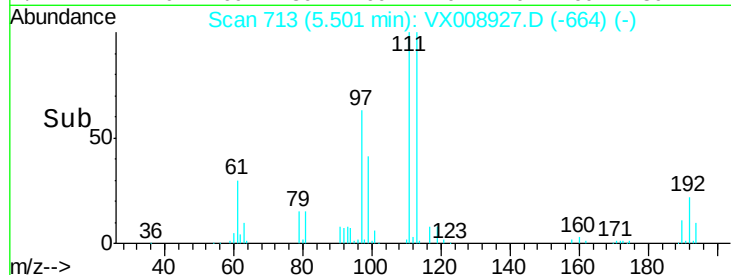
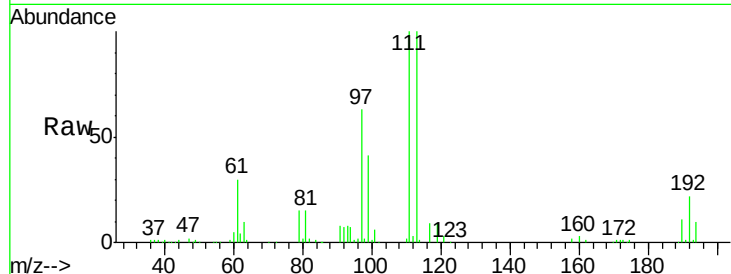
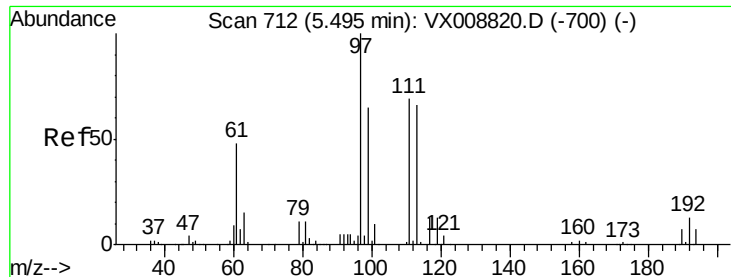
MMDadoda
 4/15/2019 12:55:18 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	278764		
63	22.8	0.0	47.2	
88	17.3	0.0	34.0	





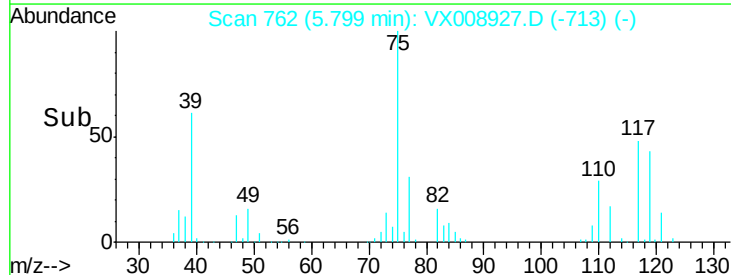
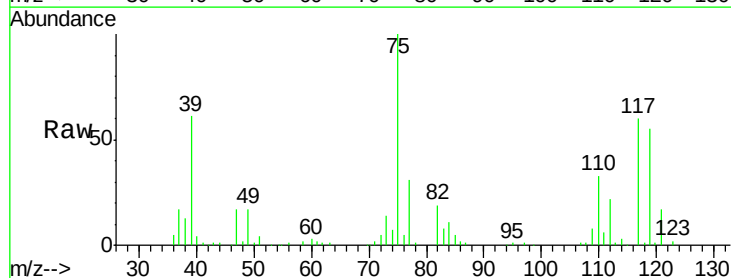
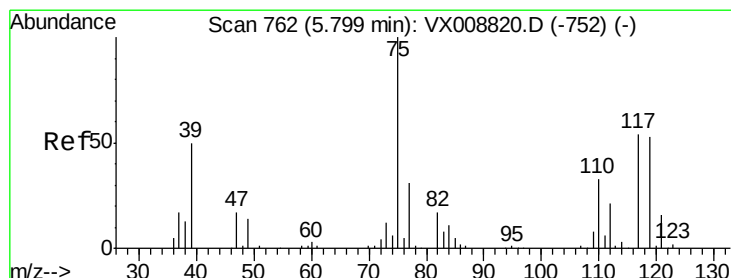
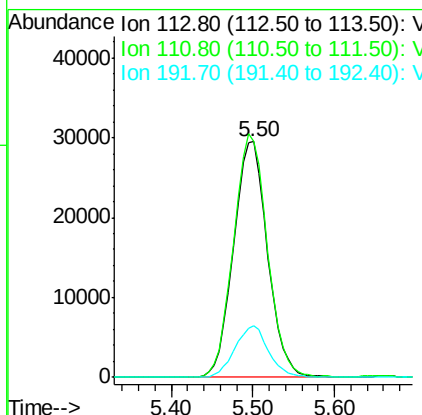
#35
Dibromofluoromethane
Concen: 47.731 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tot Ion	Ratio	Resp	Lower	Upper
113	100	85072		
111	102.9	83.4	125.2	
192	21.6	16.1	24.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

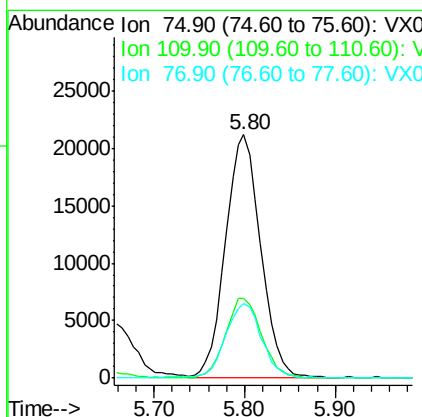
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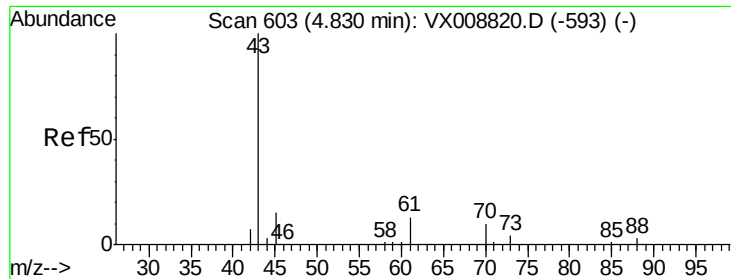
MMDadoda
4/15/2019 12:55:18 PM



#36
1,1-Dichloropropene
Concen: 18.603 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56687		
110	34.0	16.4	49.2	
77	31.5	24.7	37.1	





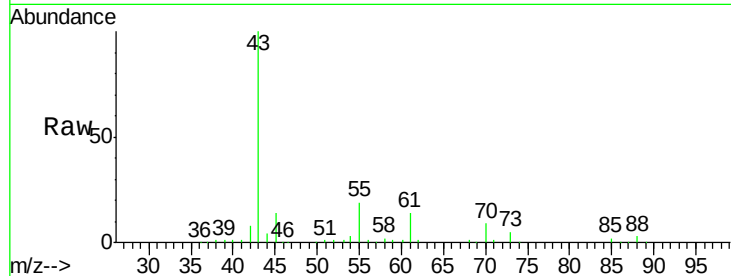
#37
Ethyl Acetate
Concen: 19.707 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampled :
VX0413WBS01

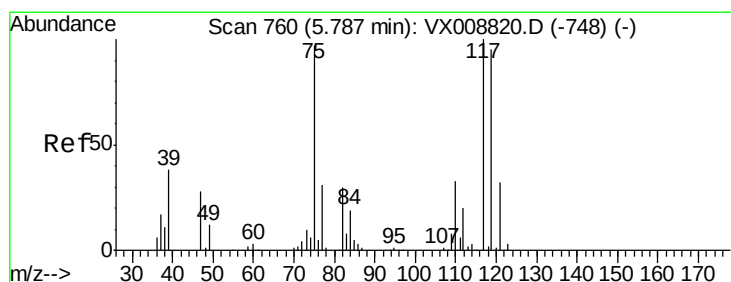
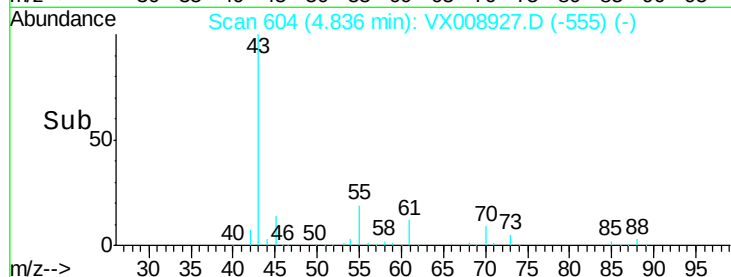
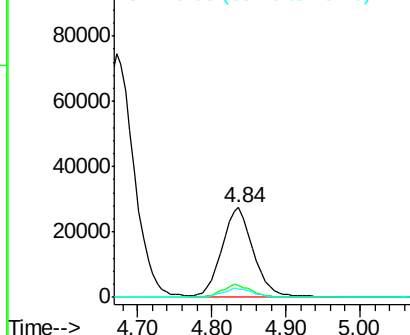
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.3	15.5
70	9.7	7.6	11.4

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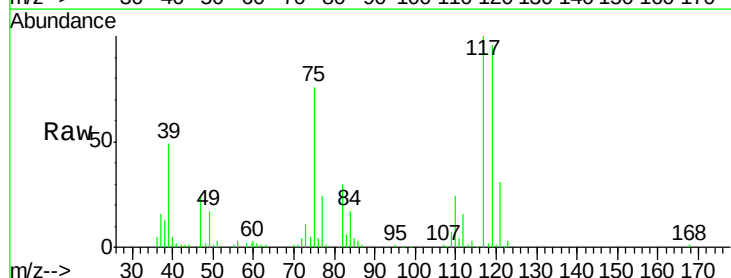


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

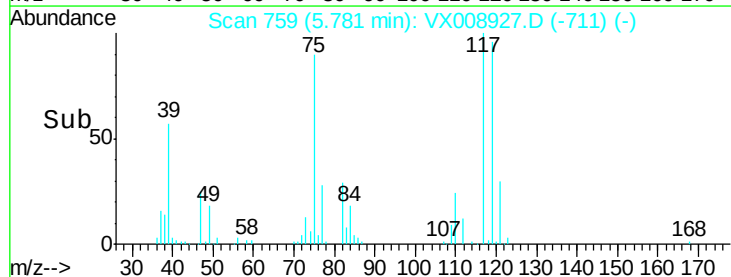
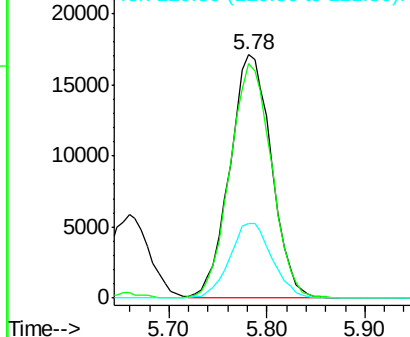


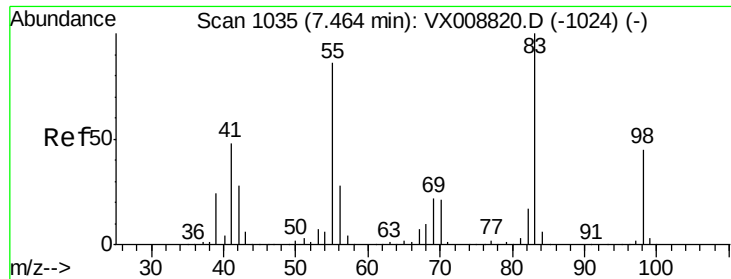
#38
Carbon Tetrachloride
Concen: 20.047 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
121	30.5	24.3	36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





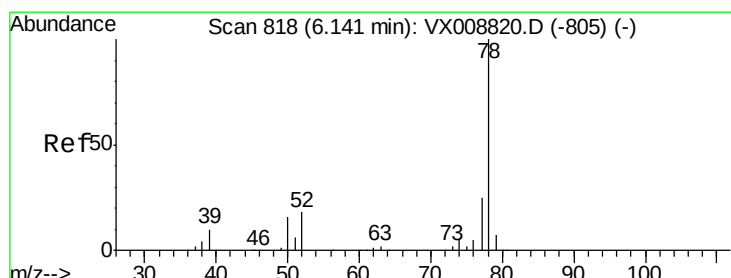
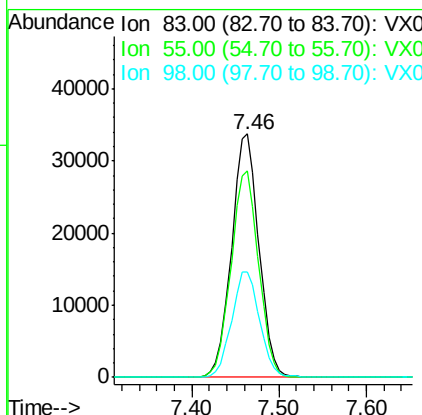
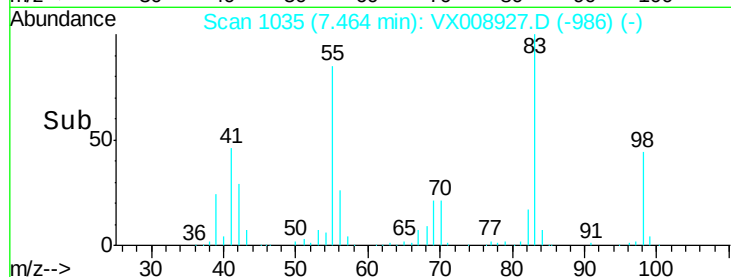
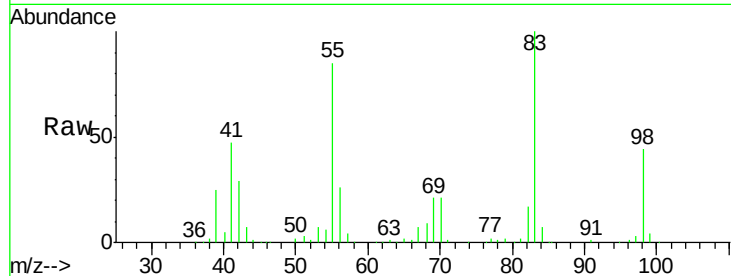
#39
Methylvlcyclohexane
Concen: 19.527 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	83	Resp	73504
Ion Ratio	Lower	Upper	
83	100		
55	85.0	69.0	103.6
98	43.5	34.4	51.6

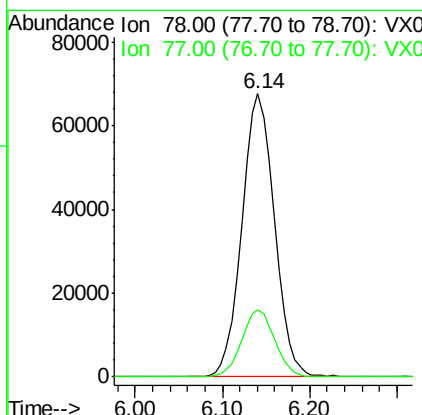
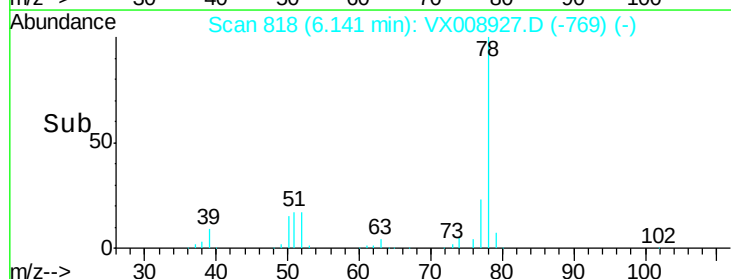
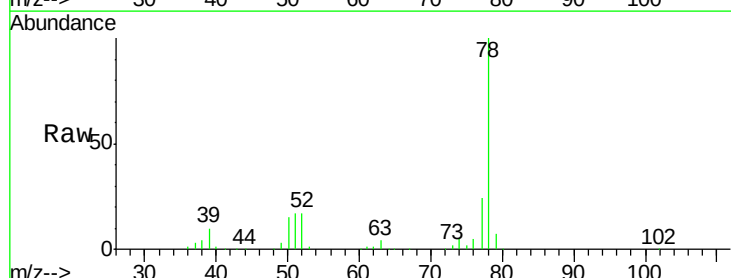
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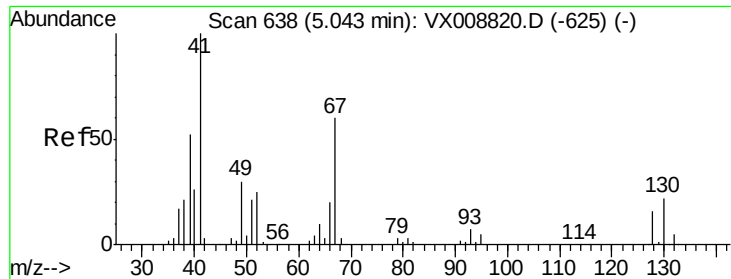
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#40
Benzene
Concen: 19.291 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	78	Resp	175117
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 19.125 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

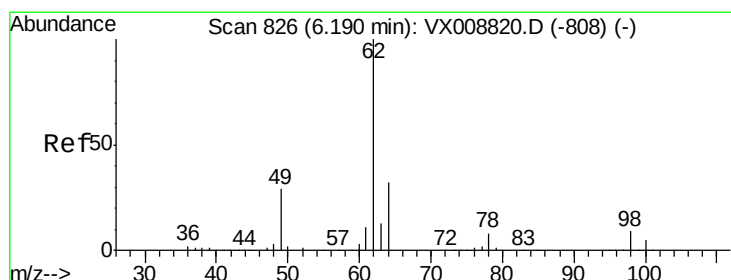
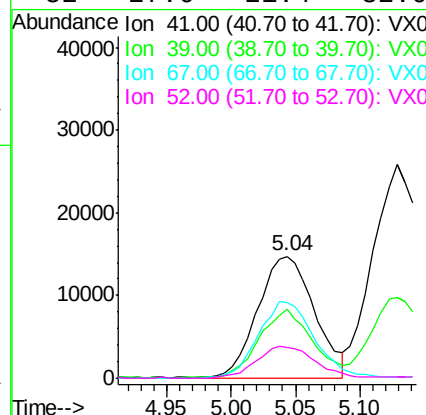
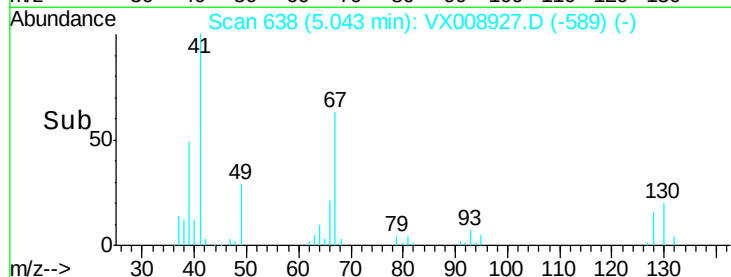
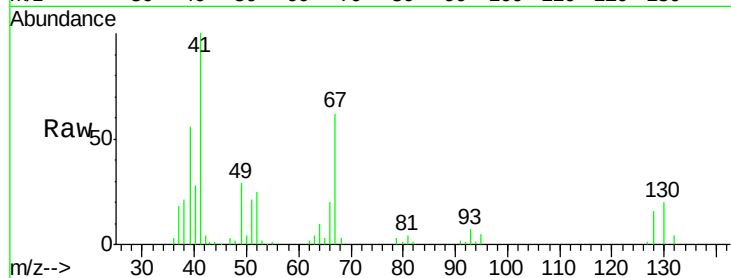
ClientSampleId :

VX0413WBS01

Tot Ion:	41	Resp:	44714
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.1	63.1
67	63.5	51.0	76.6
52	27.6	21.4	32.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.162 ug/l

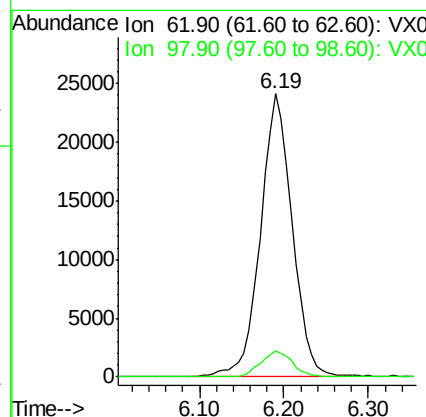
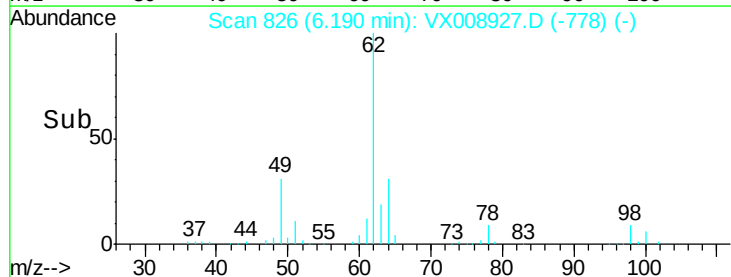
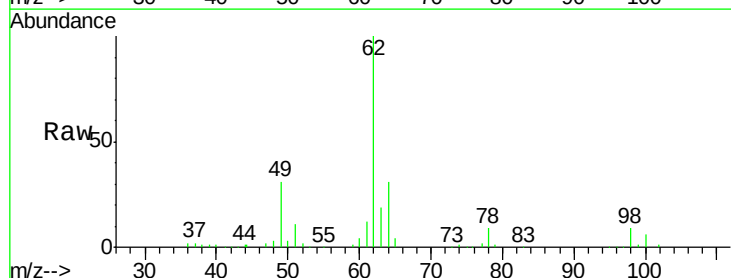
RT: 6.19 min Scan# 826

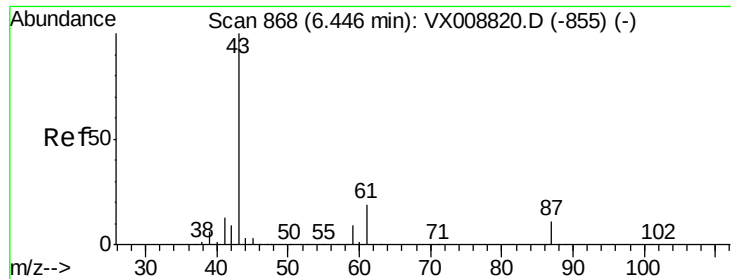
Delta R.T. -0.01 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	62	Resp:	62360
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43

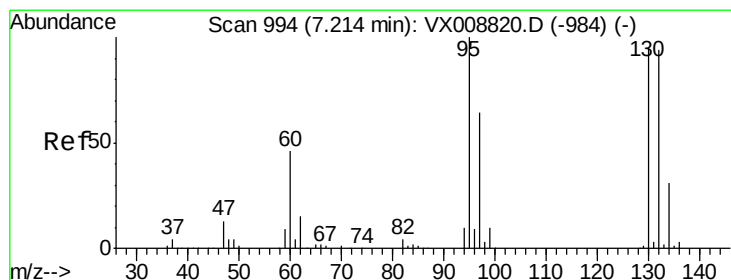
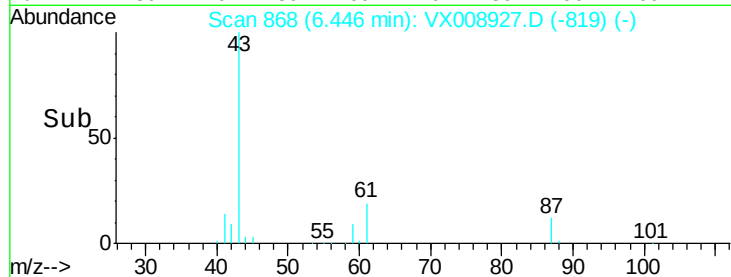
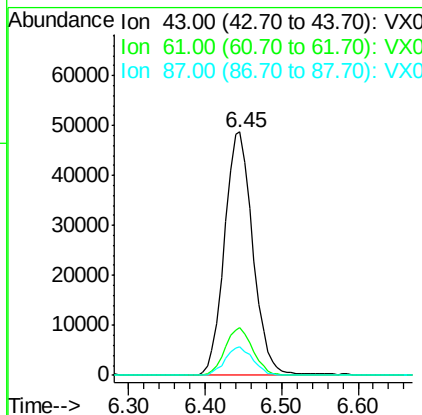
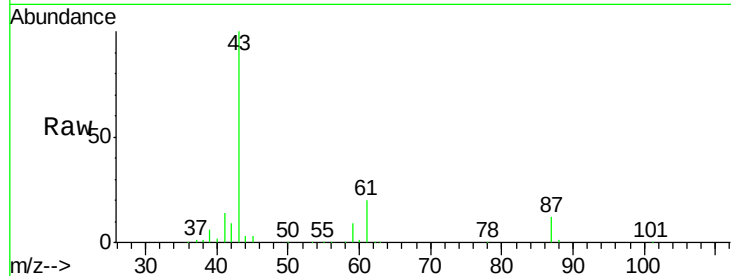
Isopropyl Acetate
 Concen: 19.487 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	11.5	9.0	13.6

Manual Integrations
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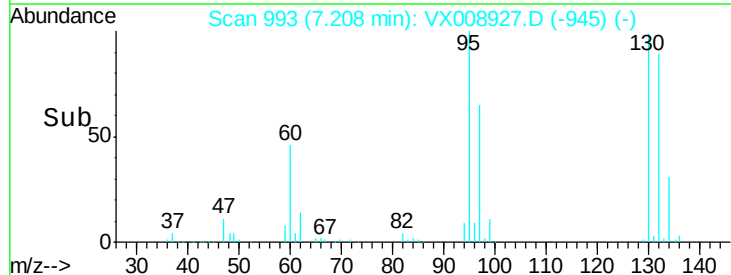
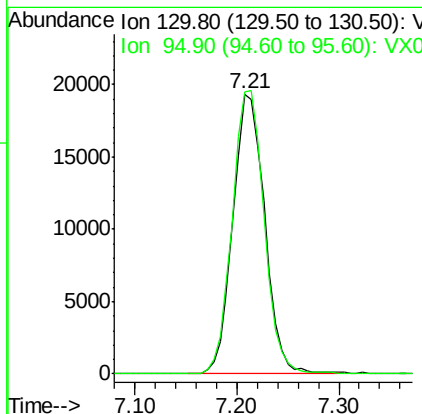
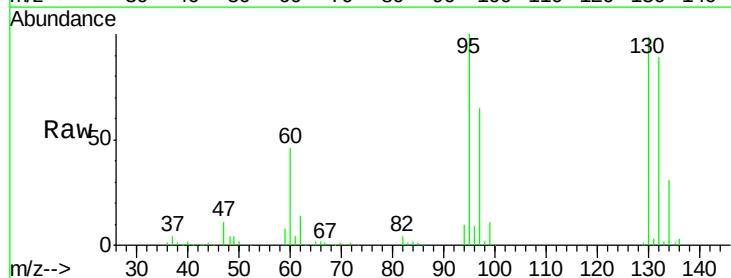
MMDadoda
 4/15/2019 12:55:18 PM

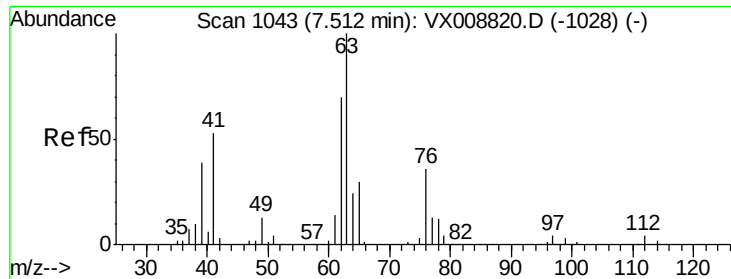


#44

Trichloroethene
 Concen: 19.748 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	209.8





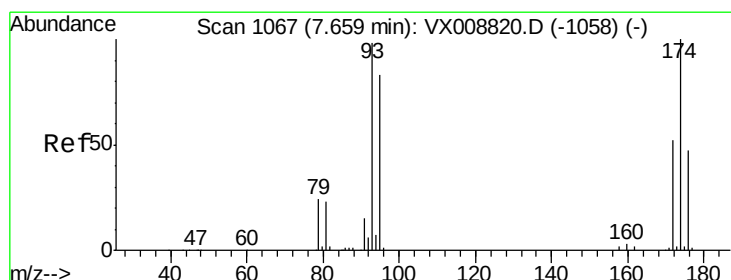
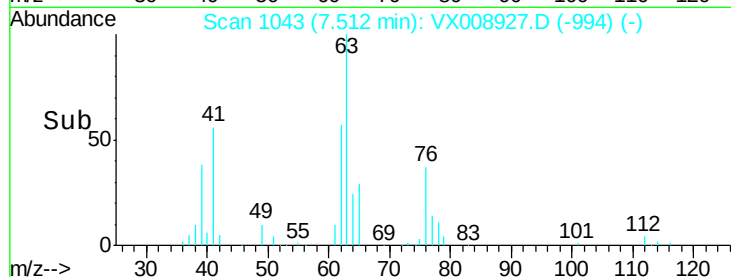
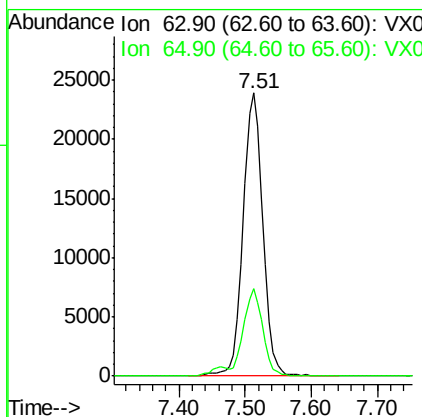
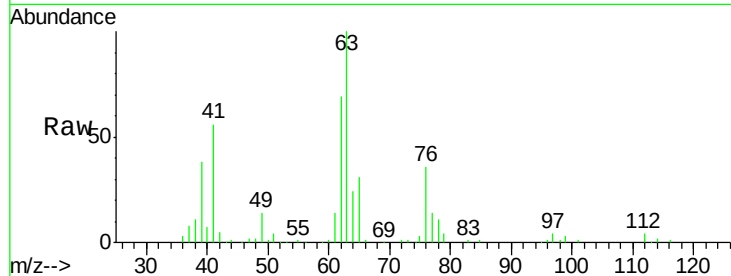
#45
 1,2-Dichloropropane
 Concen: 19.192 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion: 63 Resp: 49728
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4

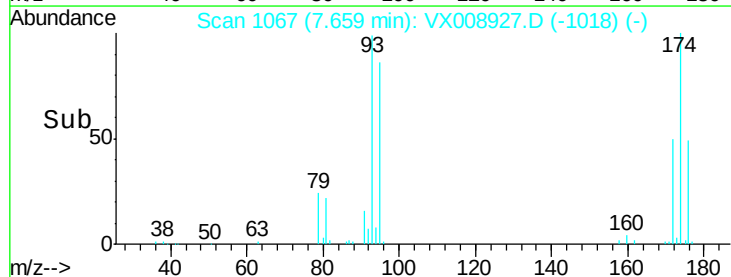
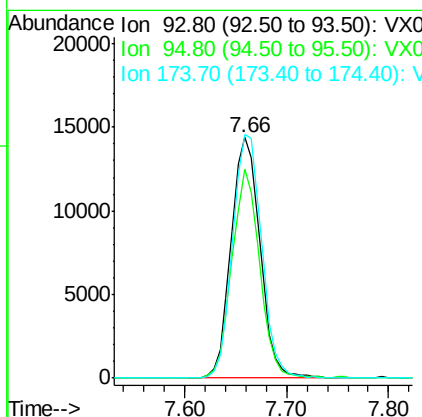
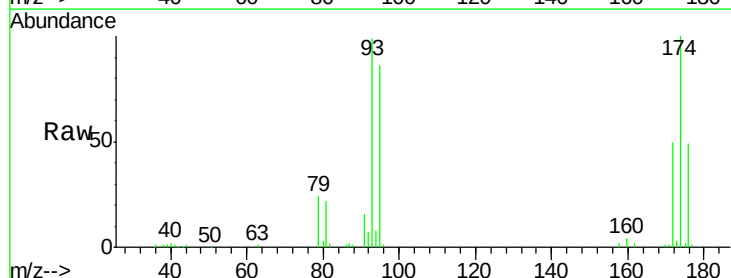
Manual Integrations
 APPROVED

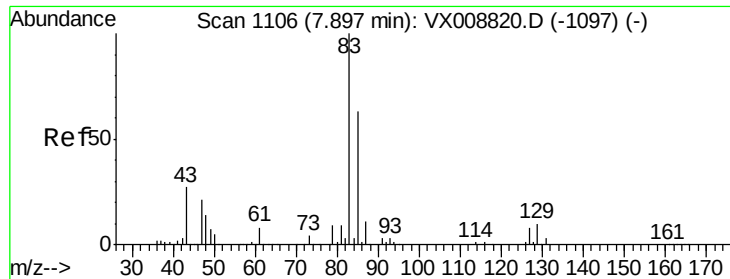
MMDadoda
 4/15/2019 12:55:18 PM



#46
 Dibromomethane
 Concen: 18.738 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 93 Resp: 28159
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 101.6 77.7 116.5





#47

Bromodichloromethane

Concen: 19.527 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

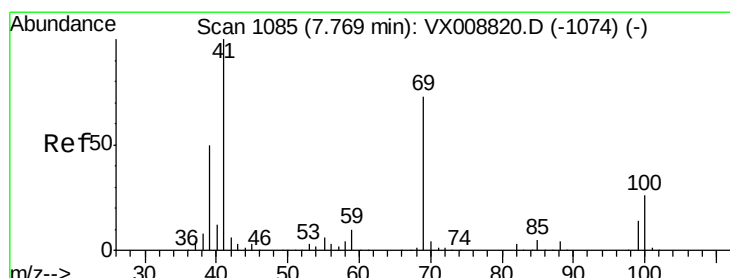
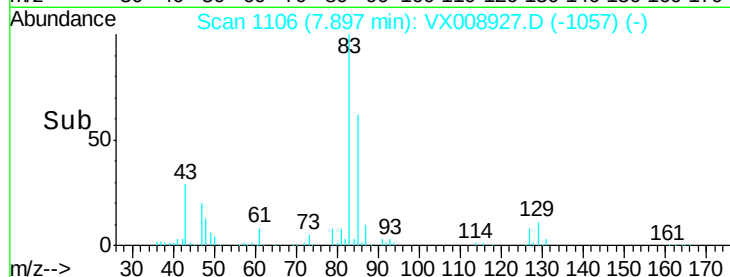
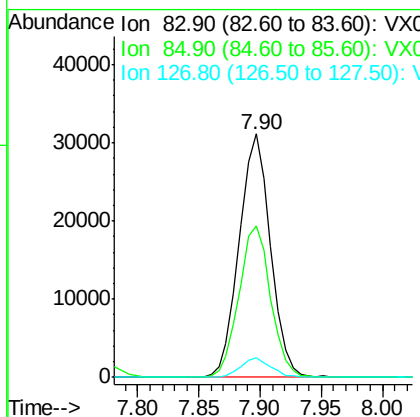
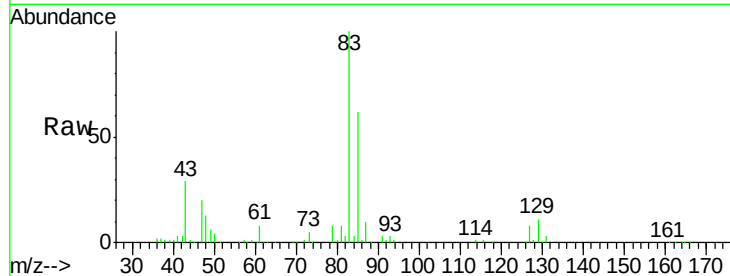
ClientSampleId :

VX0413WBS01

Tot Ion:	83	Resp:	55328
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.2	76.8
127	7.8	6.6	10.0

Manual Integrations
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MMDadoda
4/15/2019 12:55:18 PM



#48

Methyl methacrylate

Concen: 19.318 ug/l

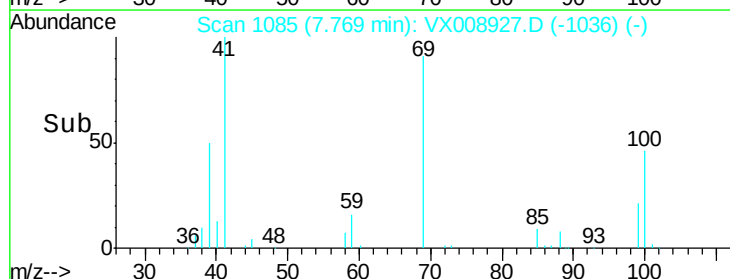
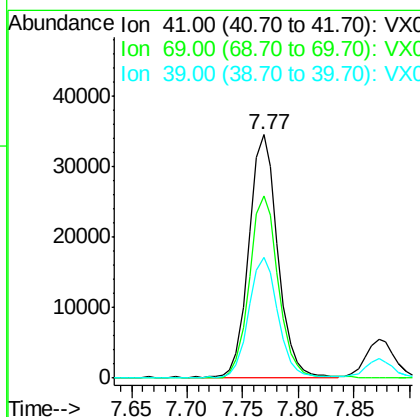
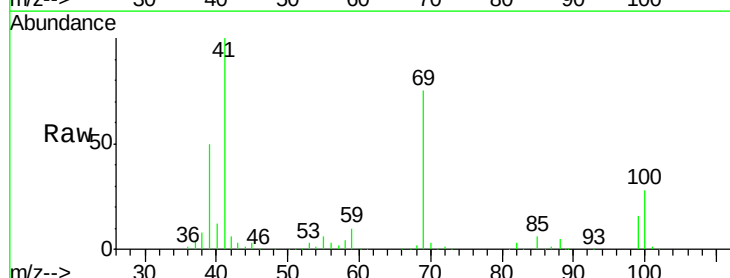
RT: 7.77 min Scan# 1085

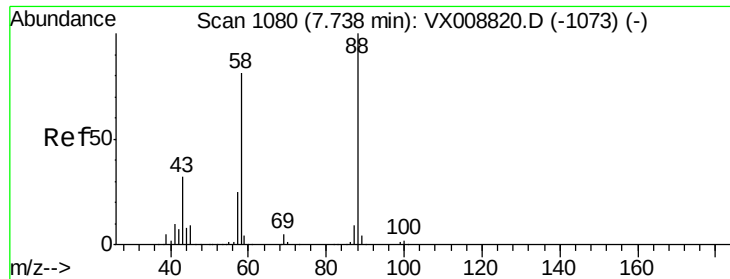
Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	41	Resp:	62262
Ion	Ratio	Lower	Upper
41	100		
69	75.7	59.0	88.4
39	50.9	41.0	61.4





#49

1,4-Dioxane

Concen: 382.038 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

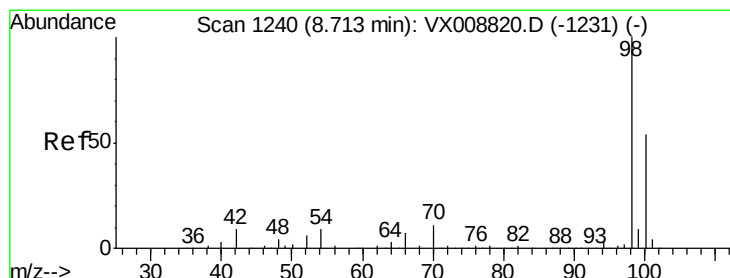
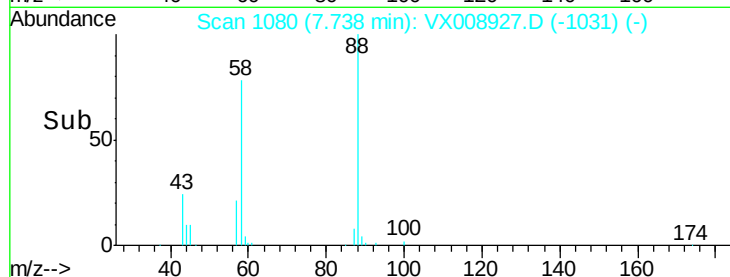
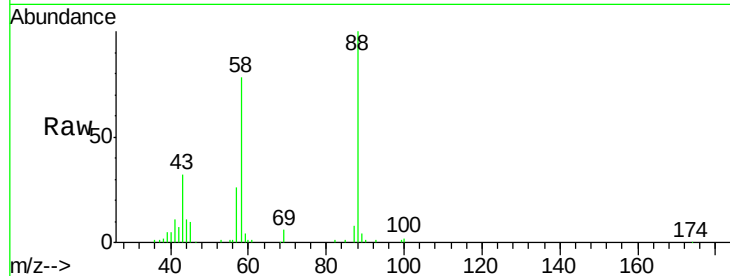
ClientSampleId :

VX0413WBS01

Tot Ion:	88	Resp:	23066
Ion	Ratio	Lower	Upper
88	100		
43	38.1	28.6	43.0
58	78.2	62.2	93.2

Manual Integrations
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#50

Toluene-d8

Concen: 47.340 ug/l

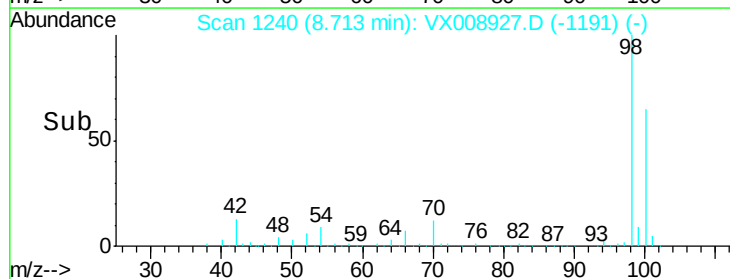
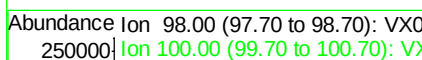
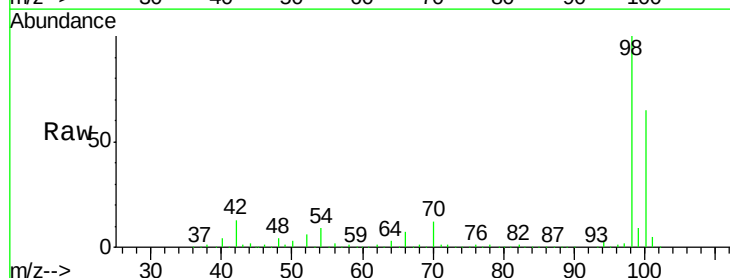
RT: 8.71 min Scan# 1240

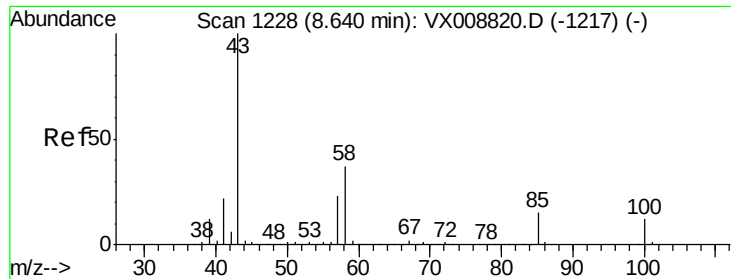
Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	98	Resp:	335958
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 99.877 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 43 Resp: 409651

Ion Ratio Lower Upper

43 100

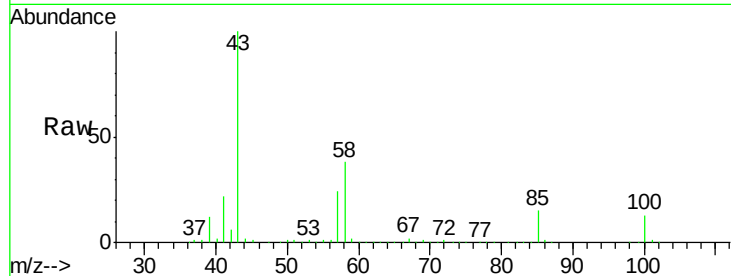
58 37.2 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

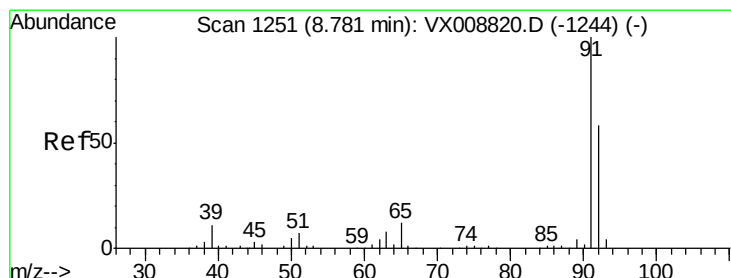
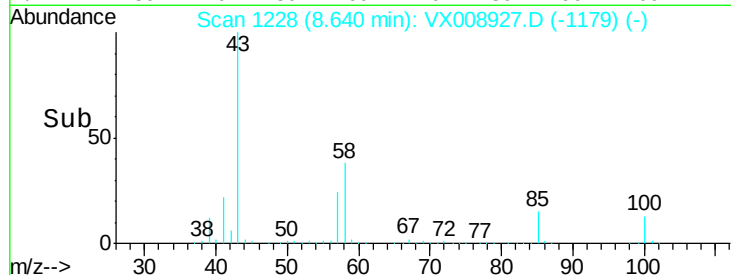
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 19.920 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008927.D

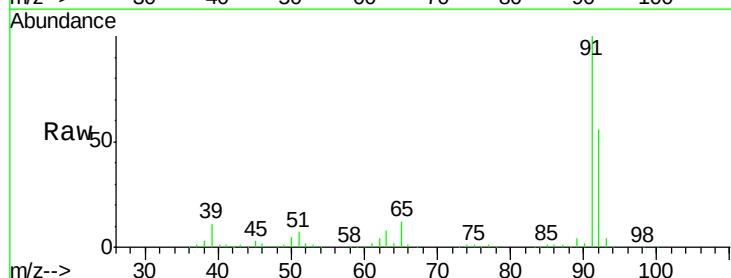
Acq: 13 Apr 2019 13:25

Tgt Ion: 92 Resp: 106610

Ion Ratio Lower Upper

92 100

91 174.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

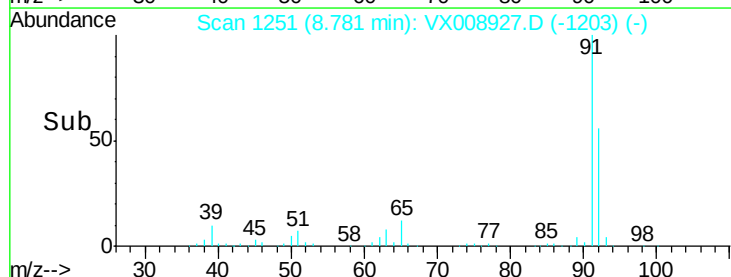
8.78

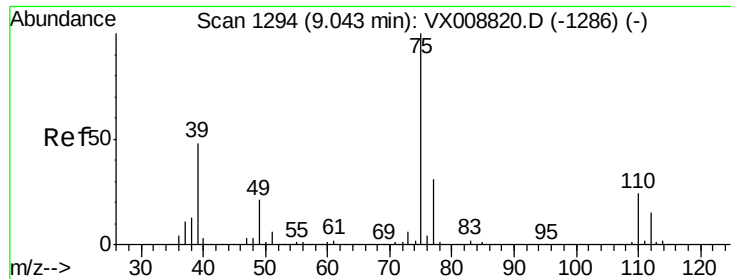
100000

50000

0

Time--> 8.70 8.80 8.90





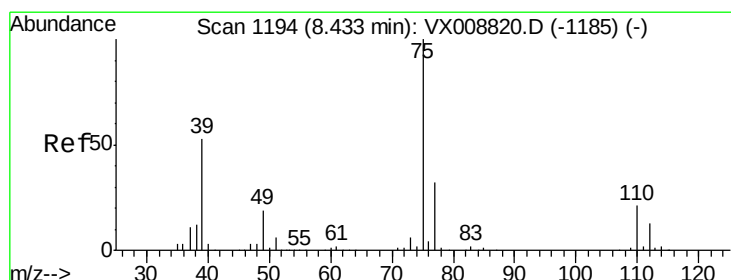
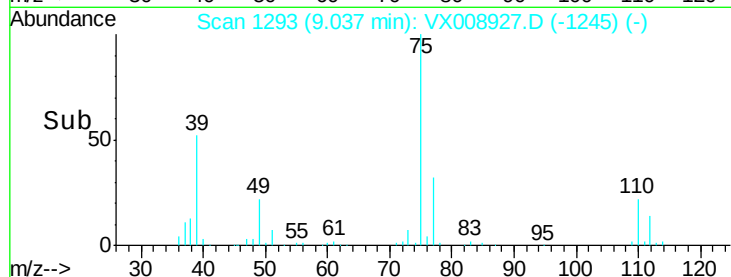
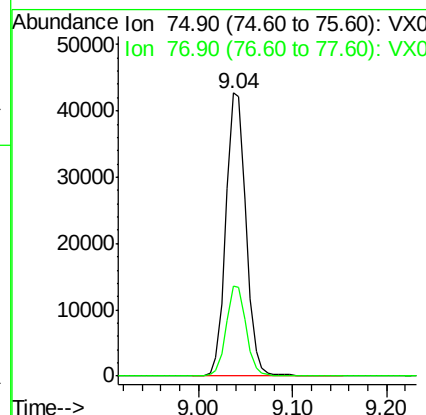
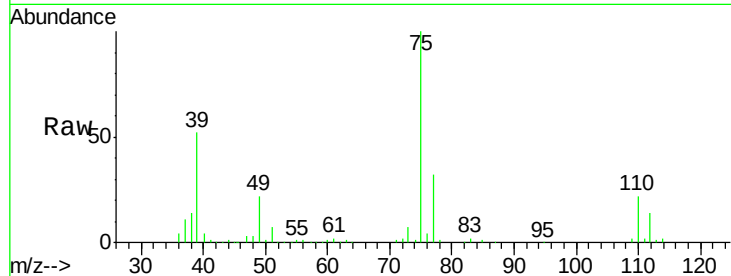
#53
t-1,3-Dichloropropene
Concen: 19.942 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion: 75 Resp: 63295
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8

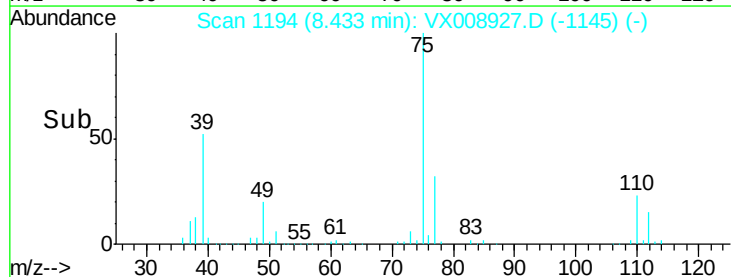
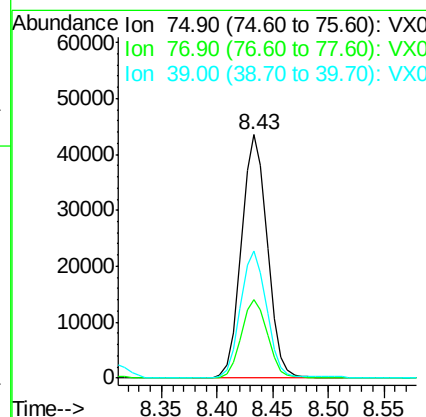
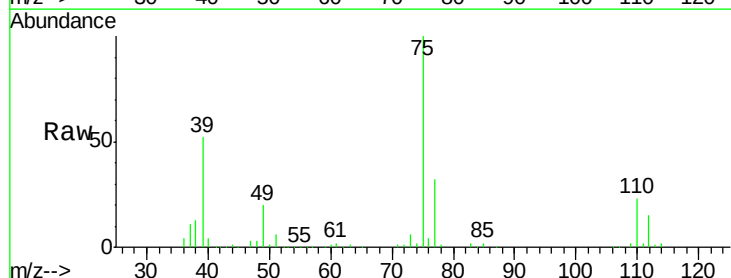
Manual Integrations
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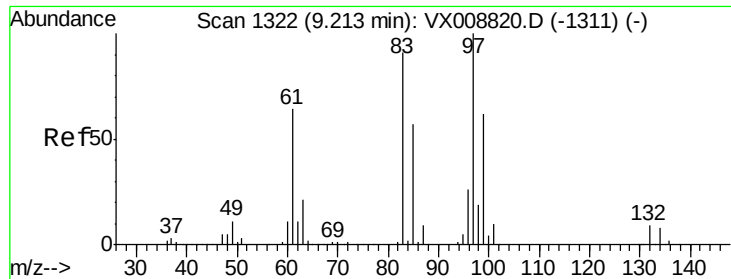
MMDadoda
4/15/2019 12:55:18 PM



#54
cis-1,3-Dichloropropene
Concen: 19.312 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 75 Resp: 70040
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
39 52.0 42.6 63.8





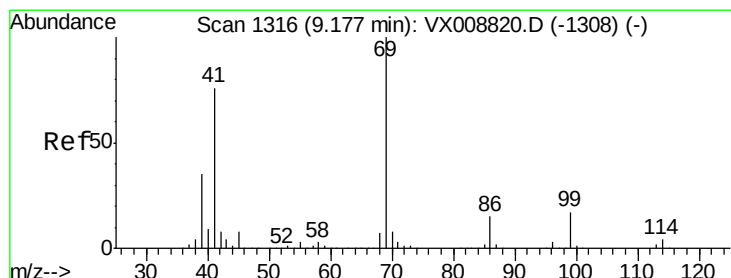
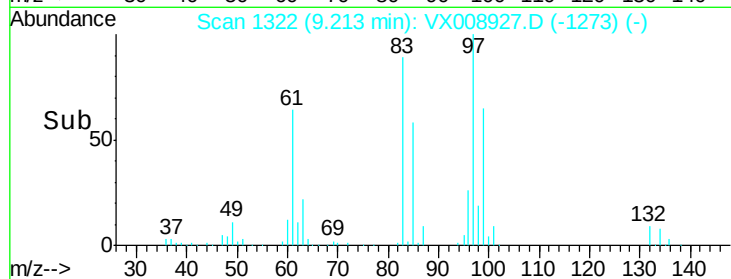
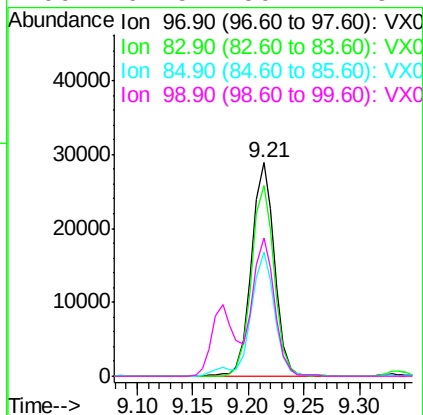
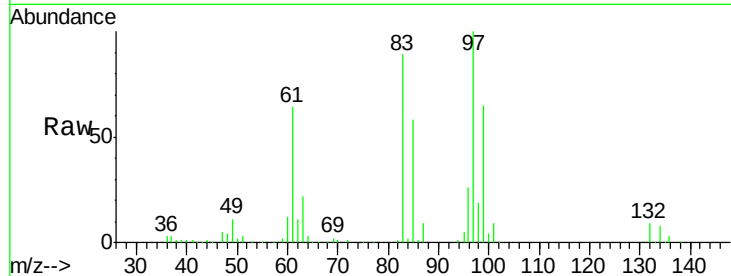
#55
 1,1,2-Trichloroethane
 Concen: 19.433 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion:	97	Resp:	41747
Ion	Ratio	Lower	Upper
97	100		
83	89.0	73.2	109.8
85	58.3	46.6	69.8
99	64.5	50.1	75.1

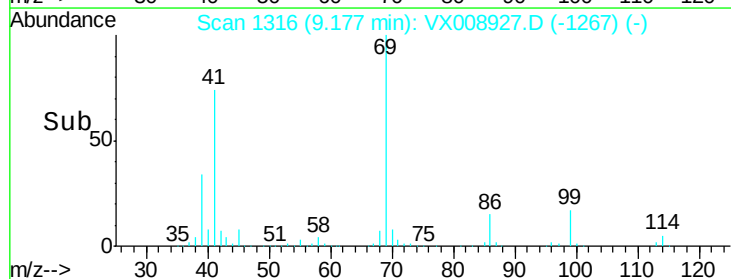
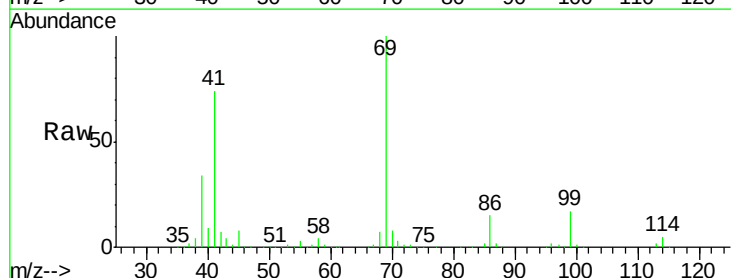
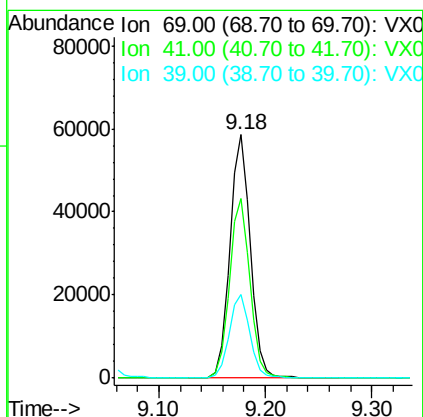
Manual Integrations
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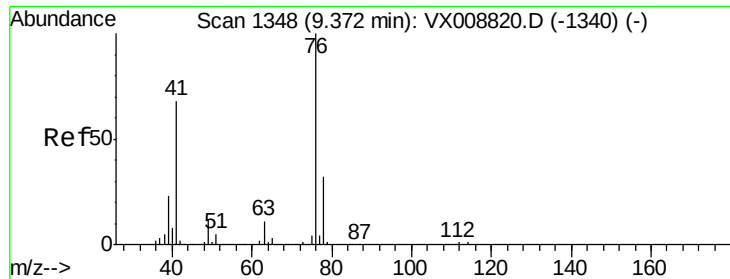
MMDadoda
 4/15/2019 12:55:18 PM



#56
 Ethyl methacrylate
 Concen: 20.366 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion:	69	Resp:	79162
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.1	90.1
39	34.1	28.9	43.3





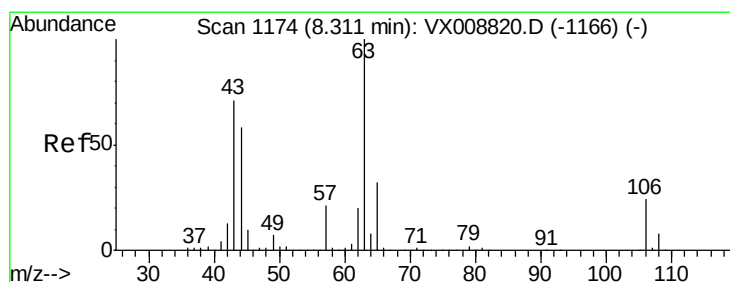
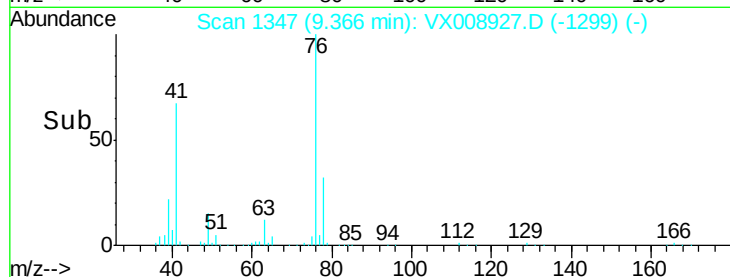
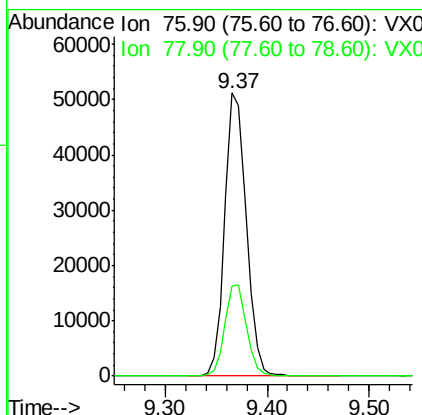
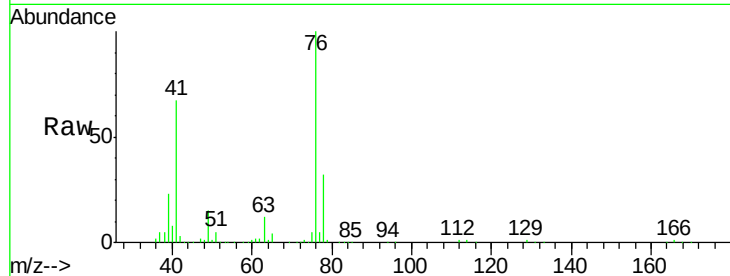
#57
 1,3-Dichloropropane
 Concen: 19.454 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion: 76 Resp: 75044
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

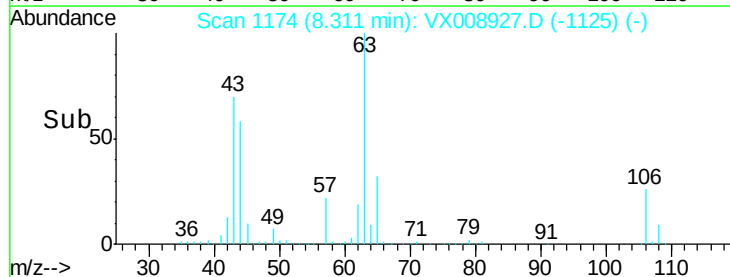
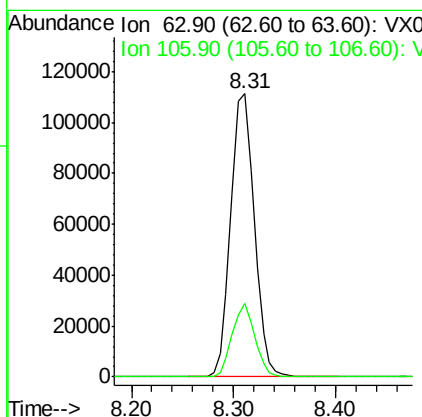
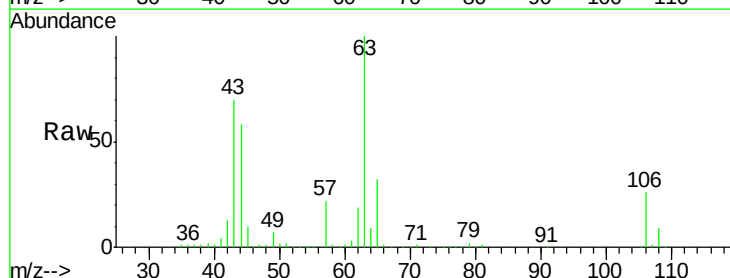
Manual Integrations
 APPROVED

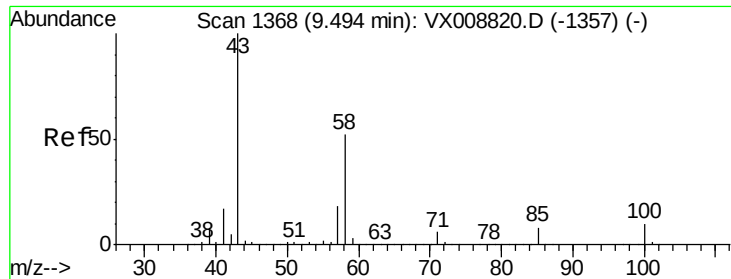
MMDadoda
 4/15/2019 12:55:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.825 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion: 63 Resp: 178279
 Ion Ratio Lower Upper
 63 100
 106 24.7 19.0 28.6





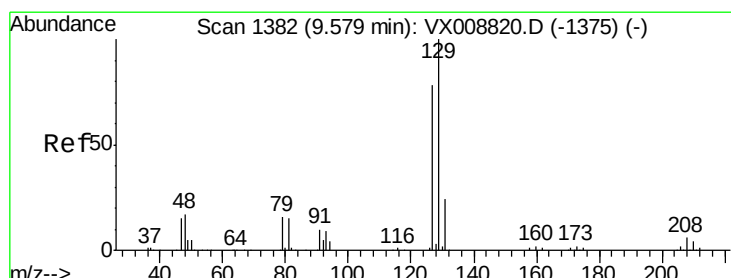
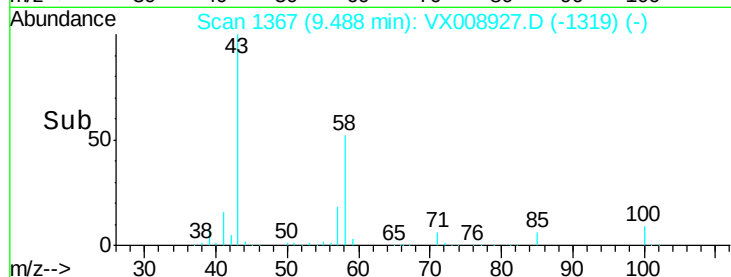
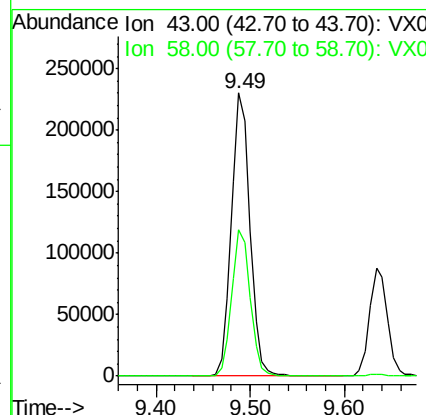
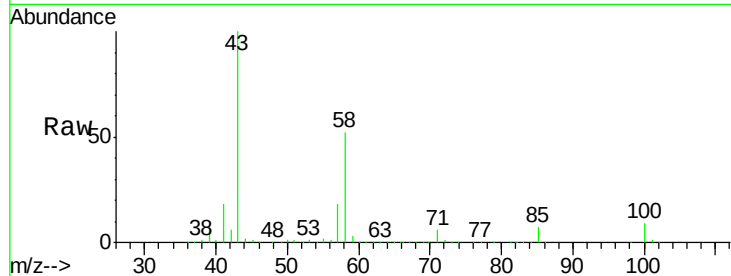
#59
2-Hexanone
Concen: 98.849 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion: 43 Resp: 315082
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7

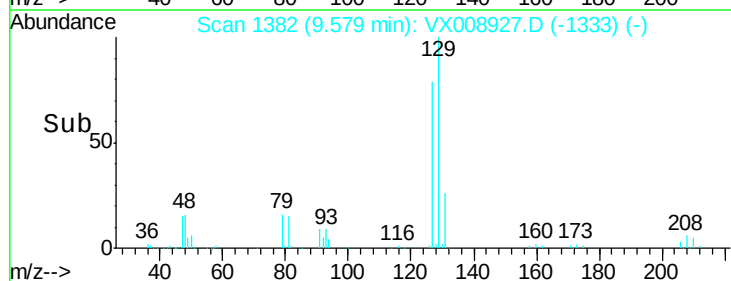
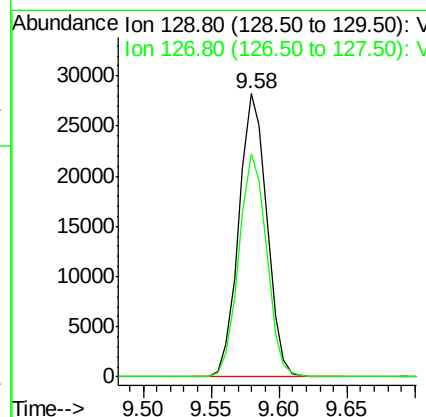
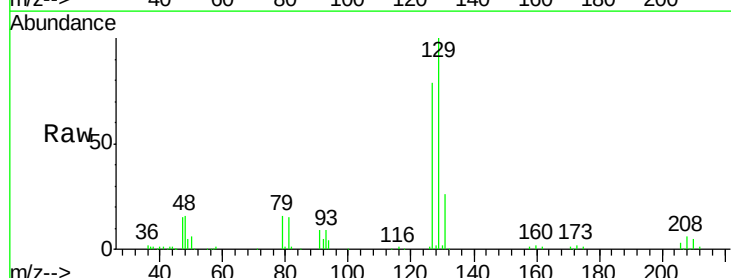
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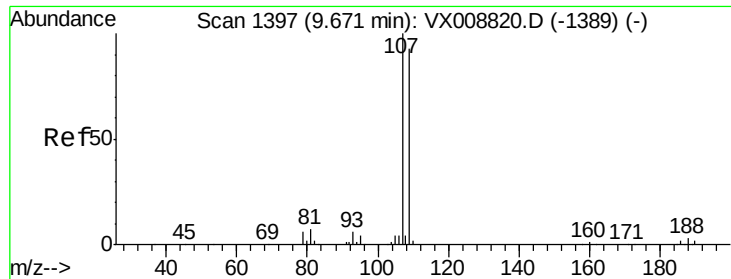
MMDadoda
4/15/2019 12:55:18 PM



#60
Dibromochloromethane
Concen: 20.047 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 129 Resp: 40583
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.449 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:107 Resp: 43497

Ion Ratio Lower Upper

107 100

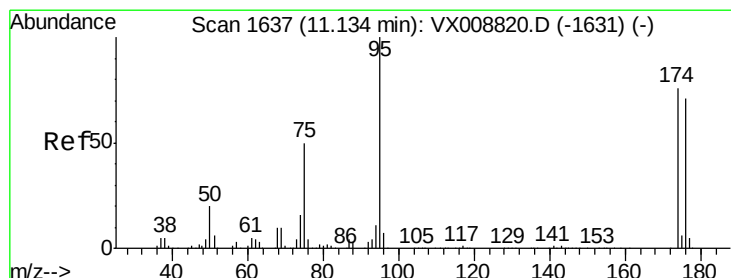
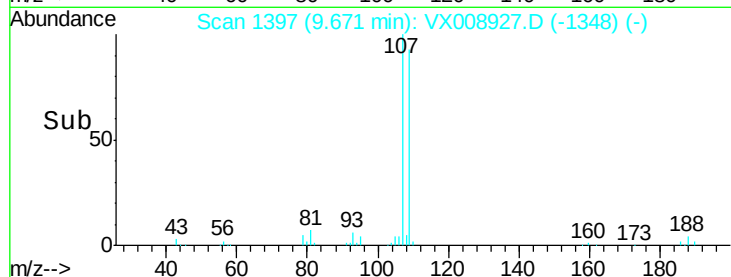
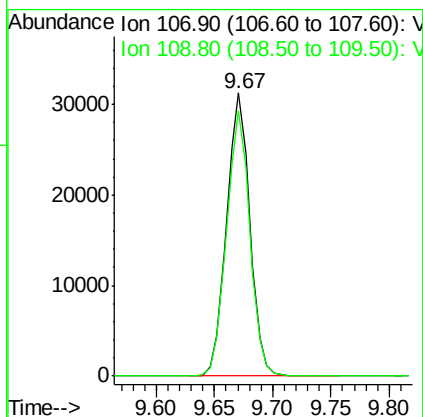
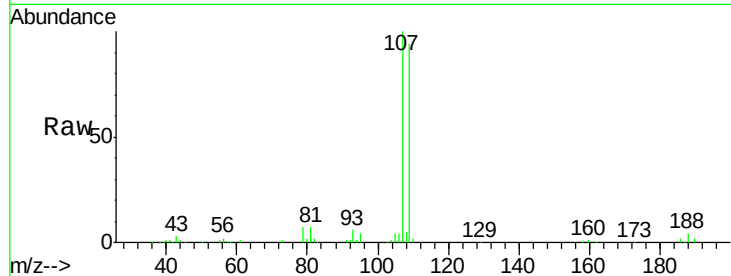
109 93.5 74.1 111.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.908 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

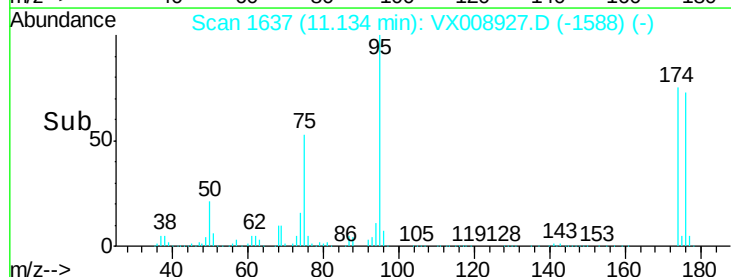
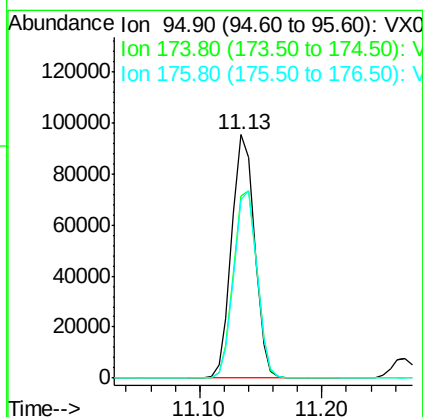
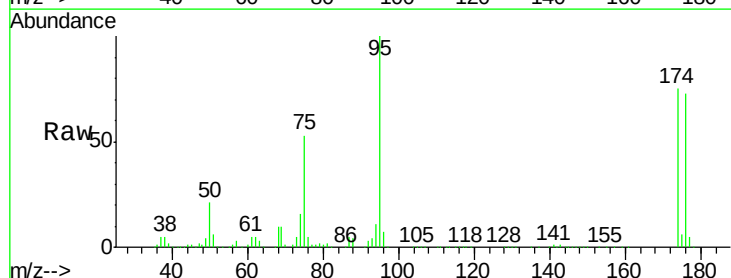
Tgt Ion: 95 Resp: 123081

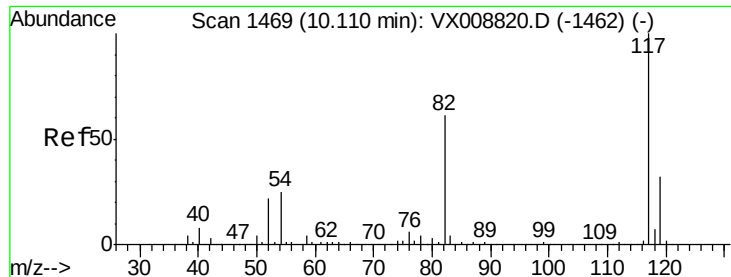
Ion Ratio Lower Upper

95 100

174 79.2 0.0 151.8

176 77.6 0.0 145.8





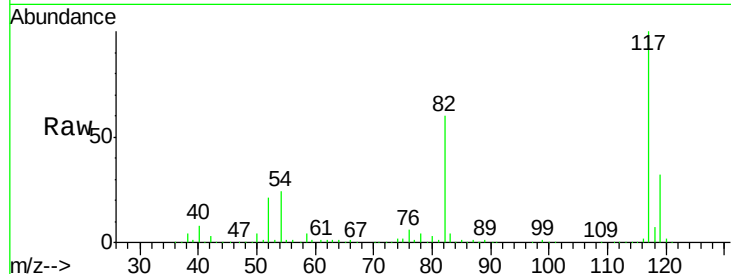
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.6	74.4
119	31.5	25.0	37.4

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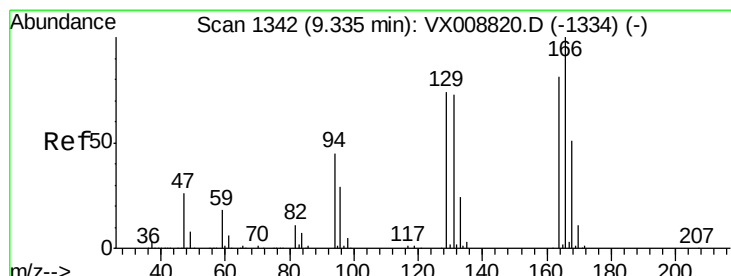
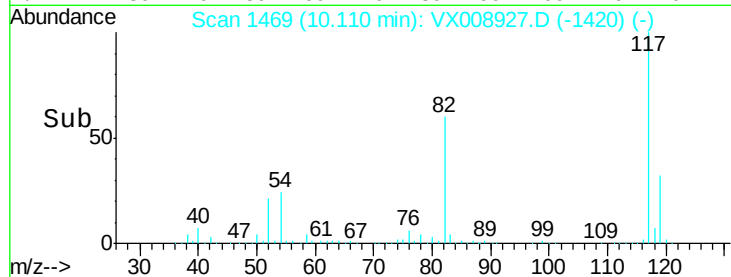
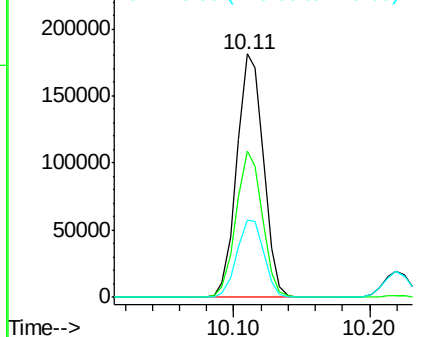


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.697 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	101.0	151.6
129	93.4	75.8	113.8
131	90.9	71.8	107.8

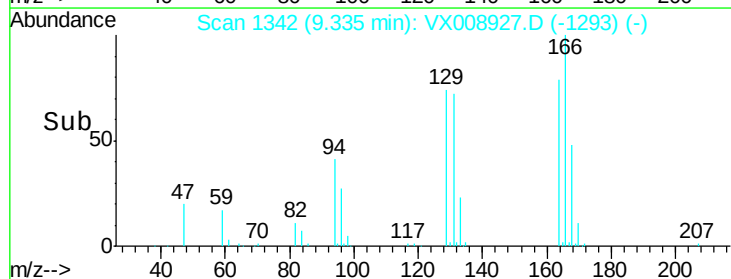
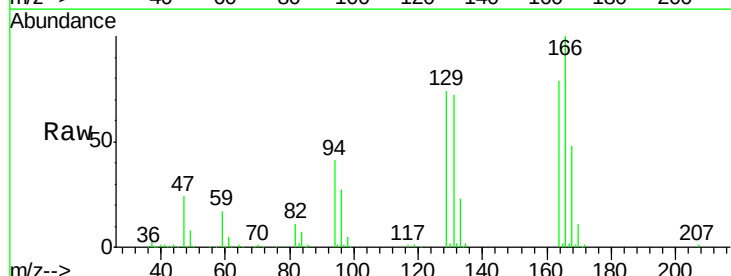
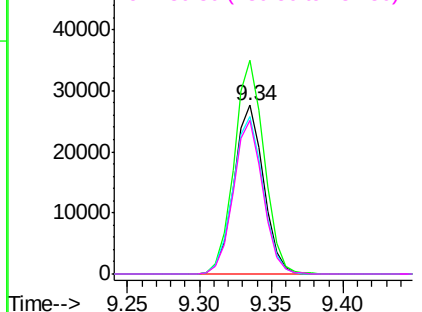
Abundance

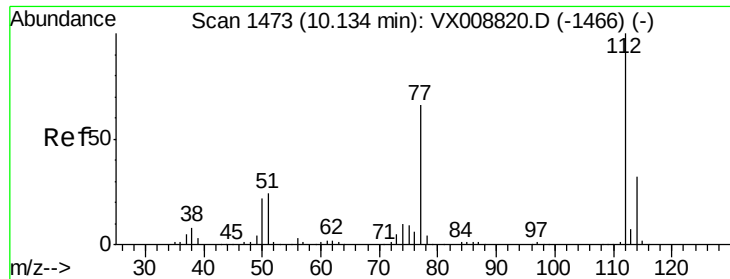
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





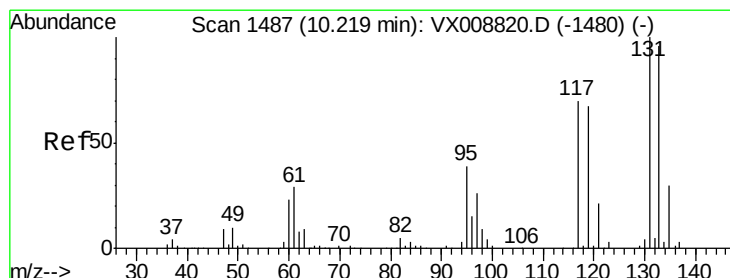
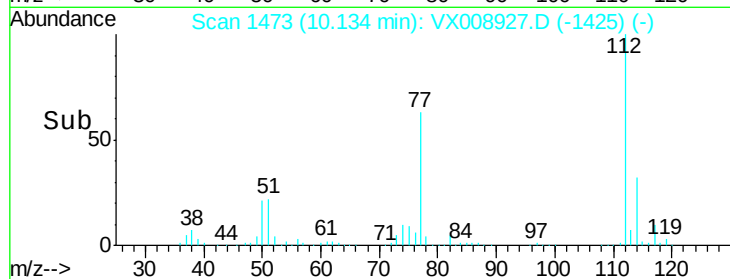
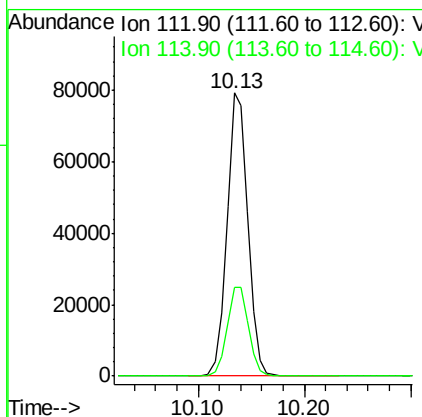
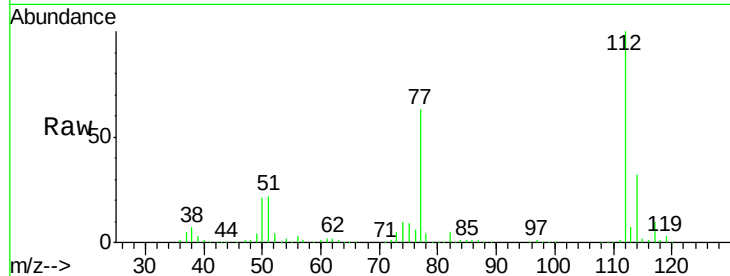
#65
Chlorobenzene
Concen: 19.780 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion:112 Resp: 108241
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8

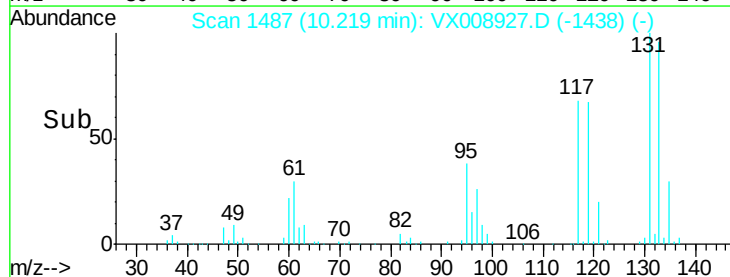
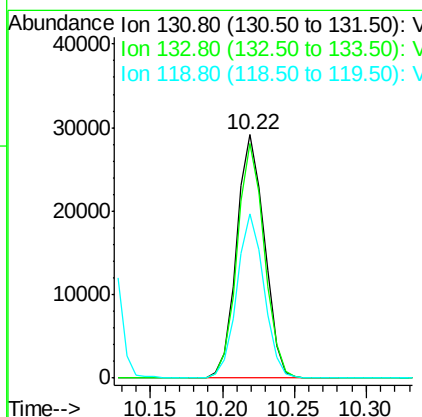
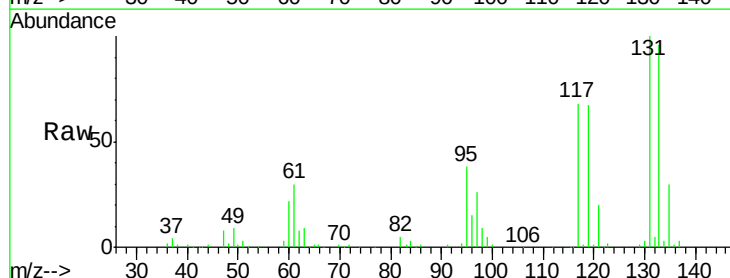
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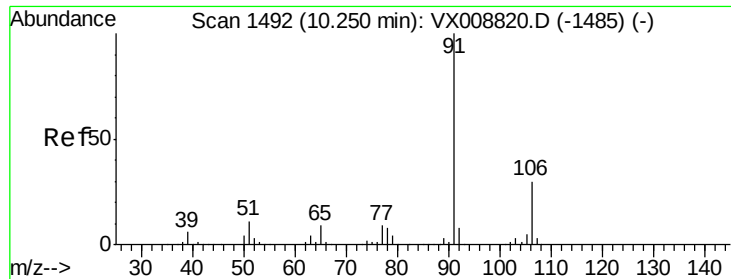
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.487 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion:131 Resp: 39330
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.2
119 65.6 33.7 101.0





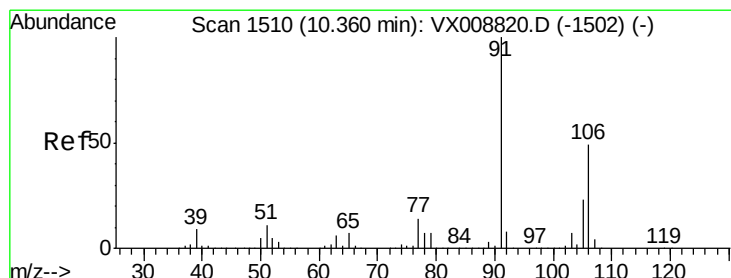
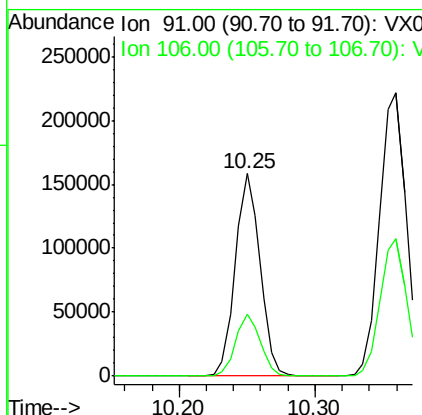
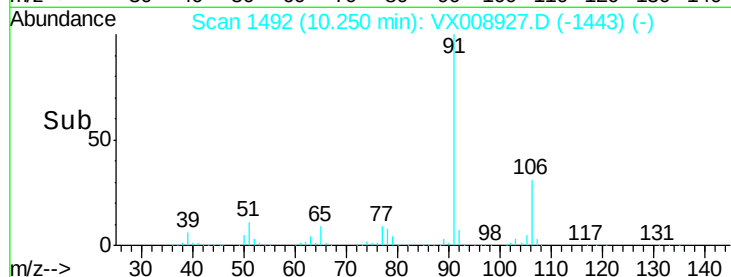
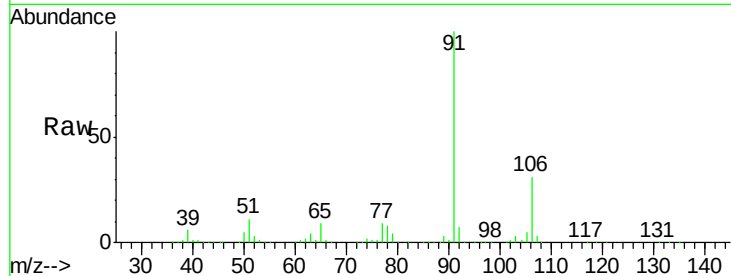
#67
Ethyl Benzene
Concen: 19.693 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion: 91 Resp: 200953
Ion Ratio Lower Upper
91 100
106 30.9 23.7 35.5

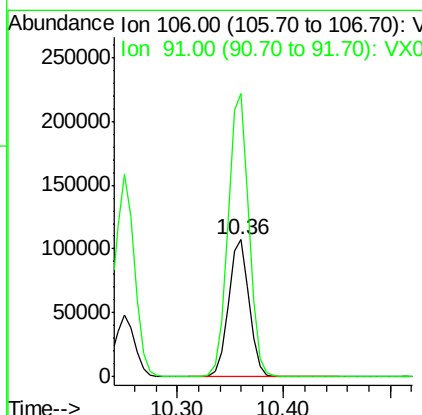
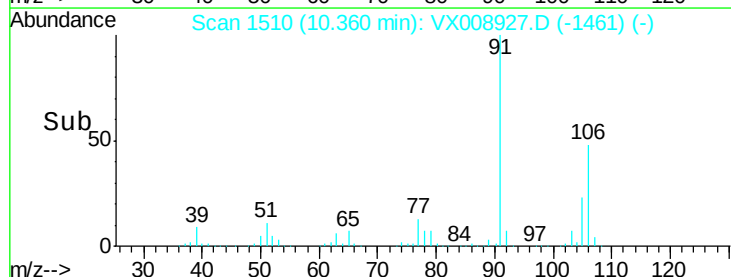
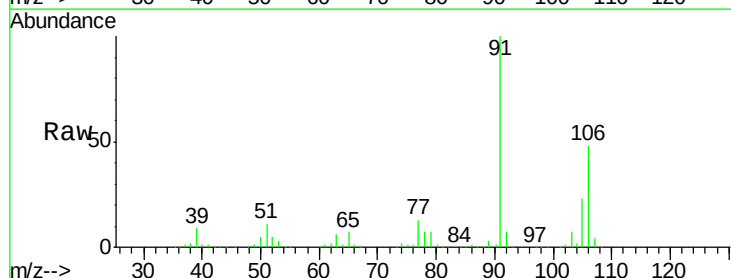
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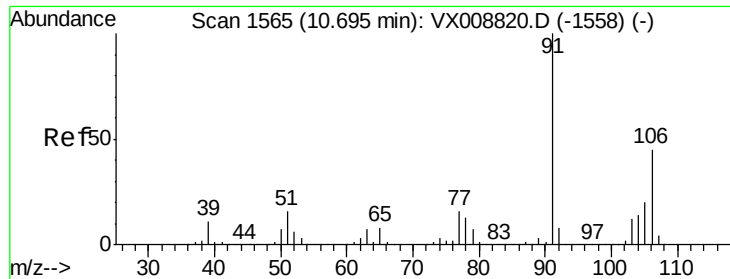
MMDadoda
4/15/2019 12:55:18 PM



#68
m/p-Xylenes
Concen: 39.761 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion: 106 Resp: 145879
Ion Ratio Lower Upper
106 100
91 207.6 168.5 252.7





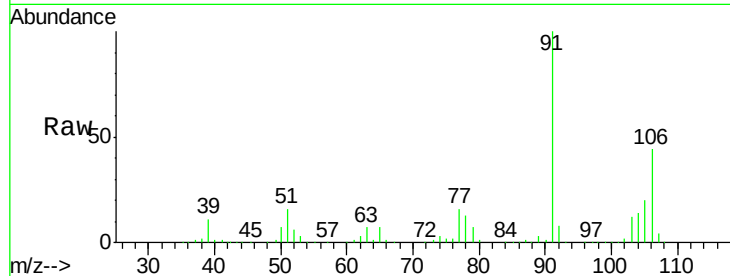
#69
o-Xylene
Concen: 19.980 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

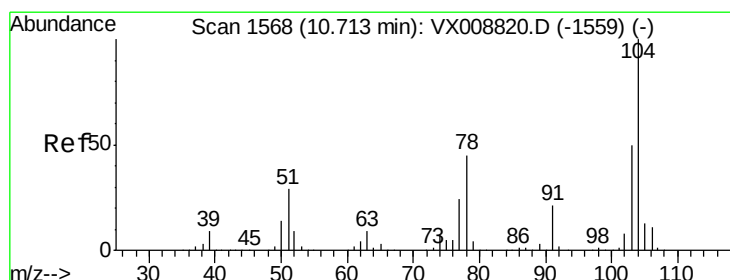
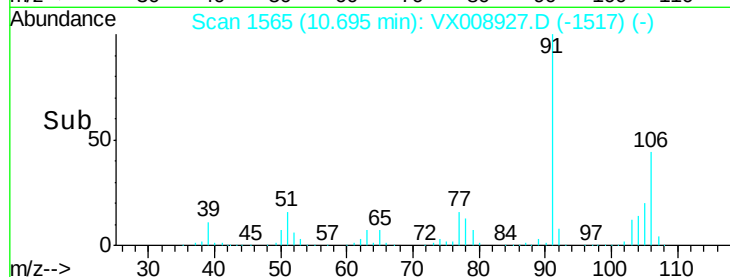
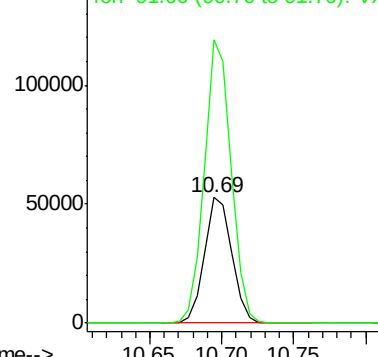
Tot Ion:106 Resp: 71041
Ion Ratio Lower Upper
106 100
91 219.4 111.5 334.4

Manual Integrations
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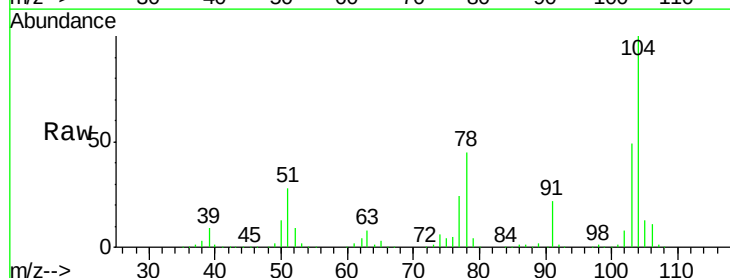


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

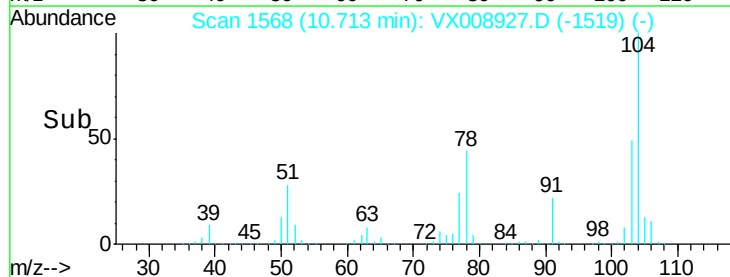
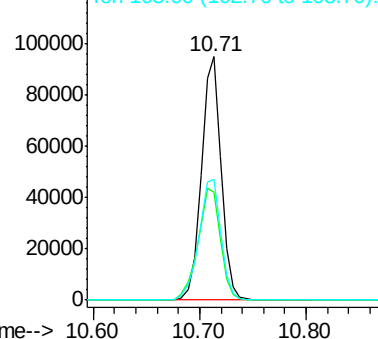


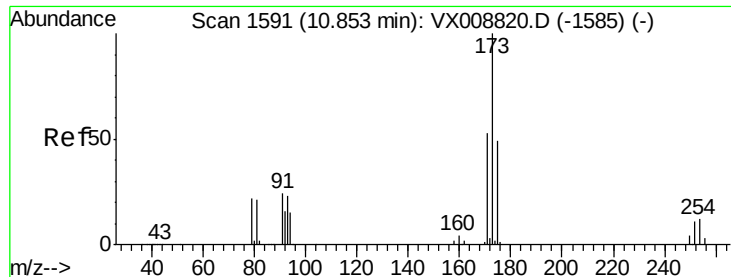
#70
Styrene
Concen: 20.093 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion:104 Resp: 123147
Ion Ratio Lower Upper
104 100
78 52.6 42.3 63.5
103 55.3 44.4 66.6



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: 20.997 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:173 Resp: 30787

Ion Ratio Lower Upper

173 100

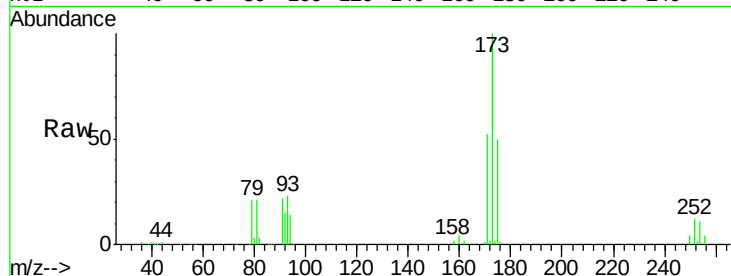
175 48.7 24.9 74.6

254 0.0 0.1 0.1#

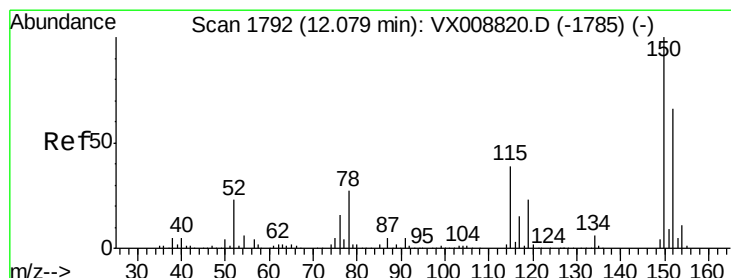
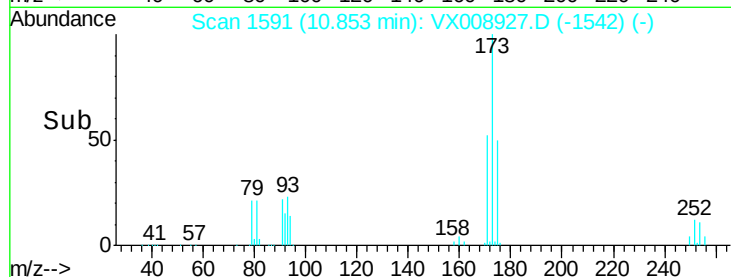
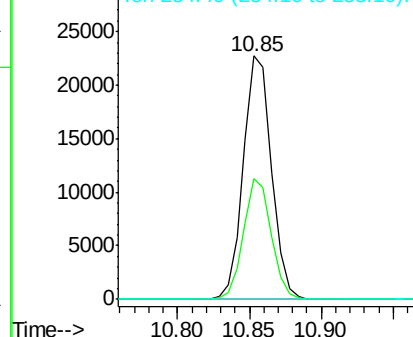
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

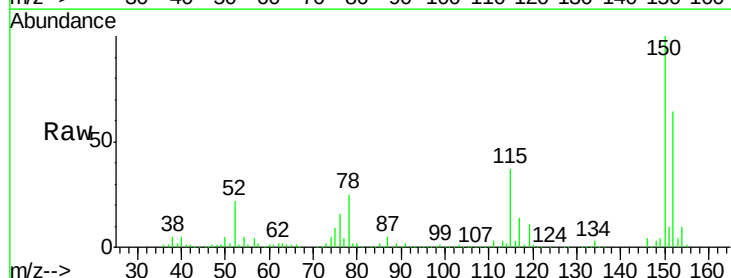
Tgt Ion:152 Resp: 117113

Ion Ratio Lower Upper

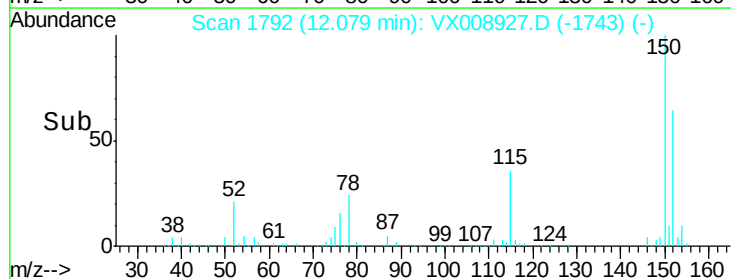
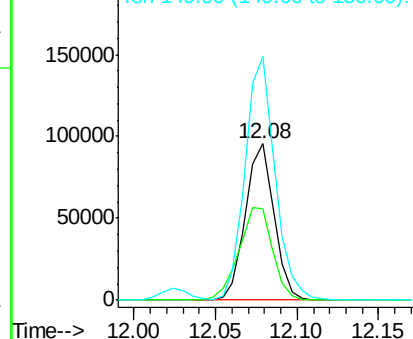
152 100

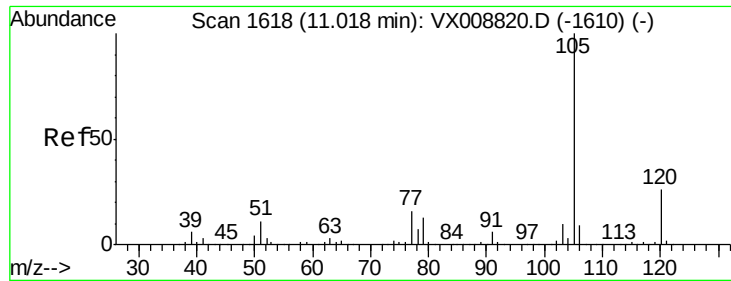
115 69.7 43.5 130.5

150 163.2 0.0 348.8



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





#73

Isopropylbenzene

Concen: 19.691 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 105 Resp: 191108

Ion Ratio Lower Upper

105 100

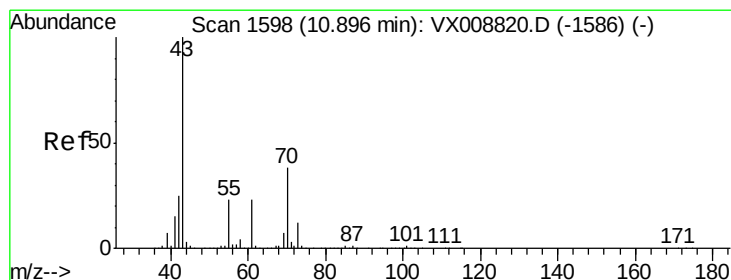
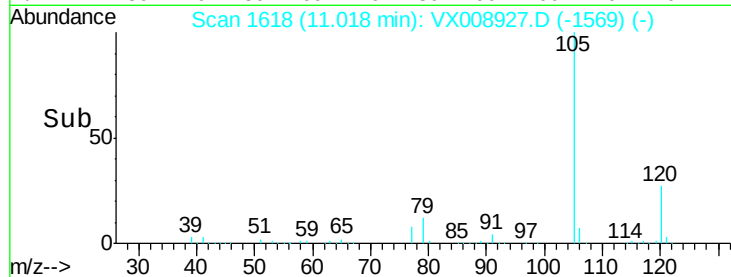
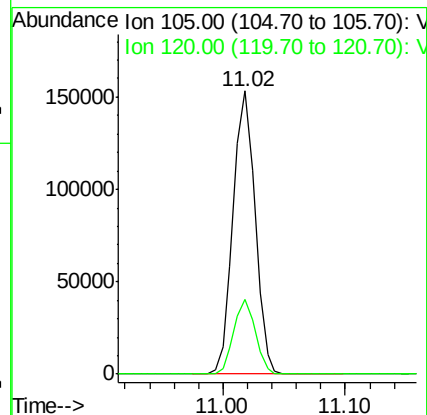
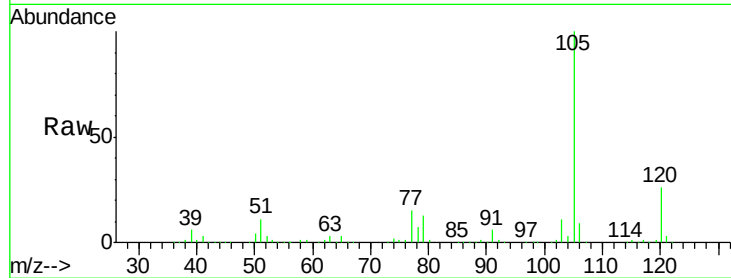
120 25.7 12.9 38.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.060 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion: 43 Resp: 108837

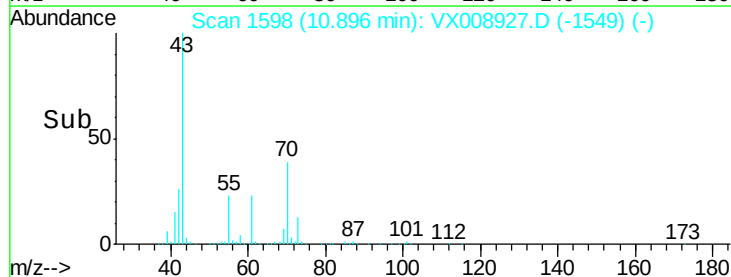
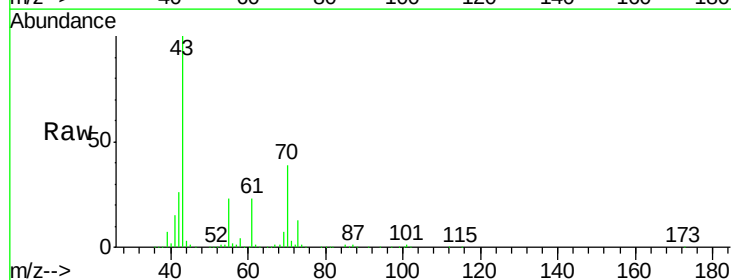
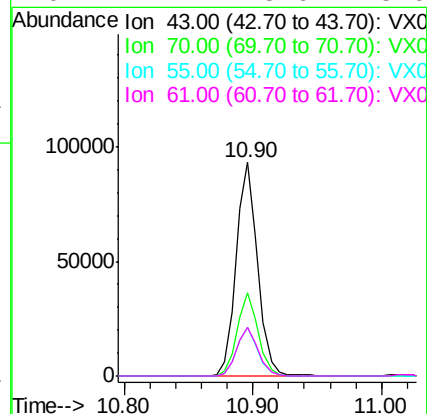
Ion Ratio Lower Upper

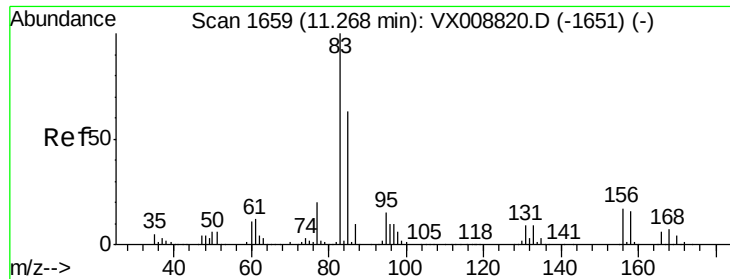
43 100

70 38.1 30.2 45.4

55 22.8 18.2 27.4

61 22.7 18.6 28.0





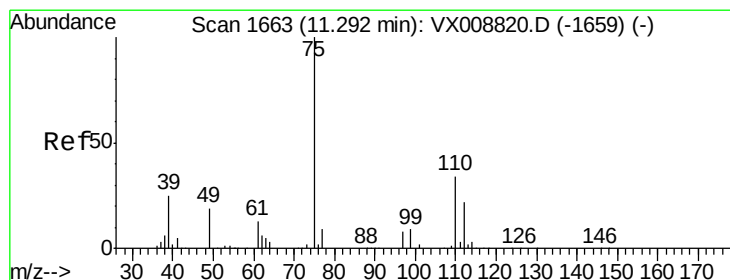
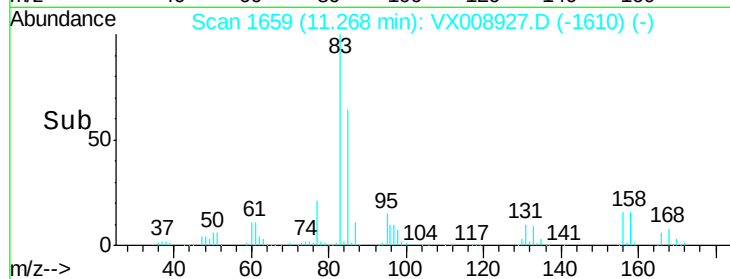
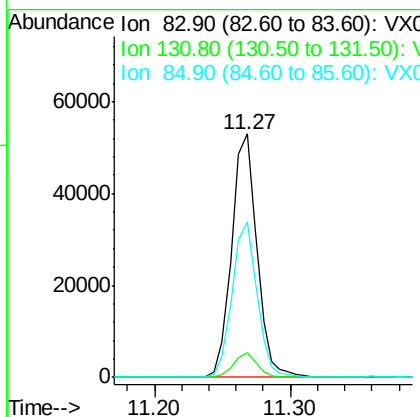
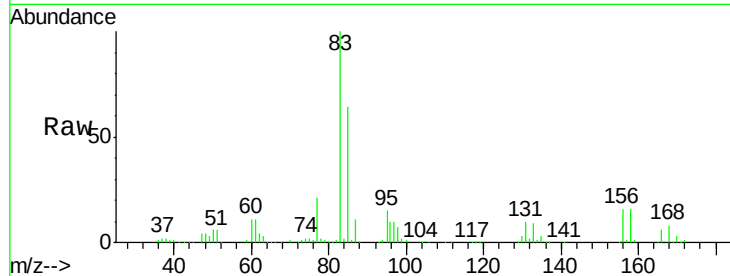
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.610 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	68691		
131	9.2	4.5	13.7	
85	63.3	32.0	96.2	

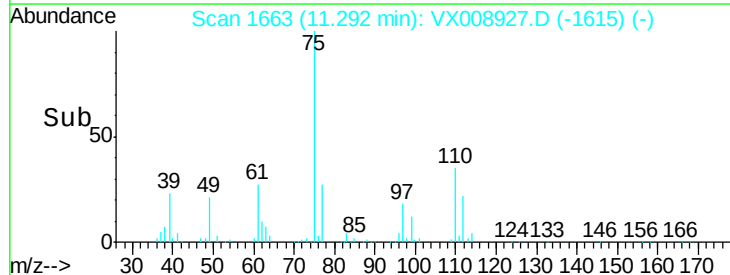
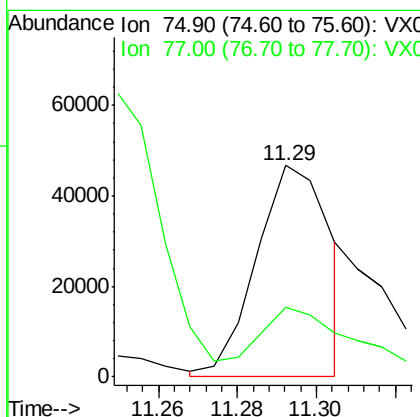
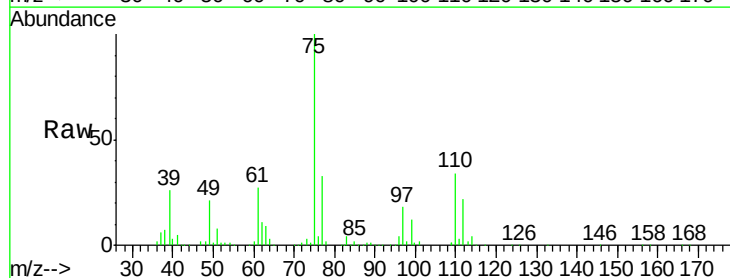
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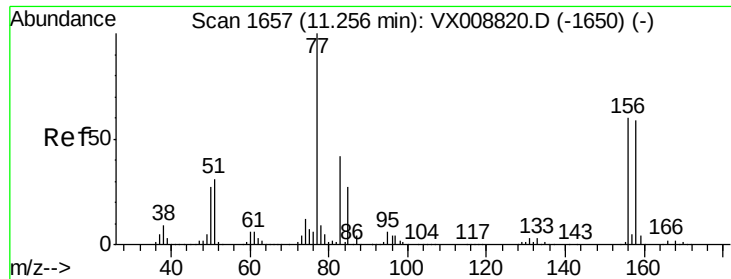
MMDadoda
 4/15/2019 12:55:18 PM



#76
 1,2,3-Trichloropropane
 Concen: 18.748 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60315		
77	43.8	22.3	66.8	





#77

Bromobenzene

Concen: 20.027 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:156 Resp: 46727

Ion Ratio Lower Upper

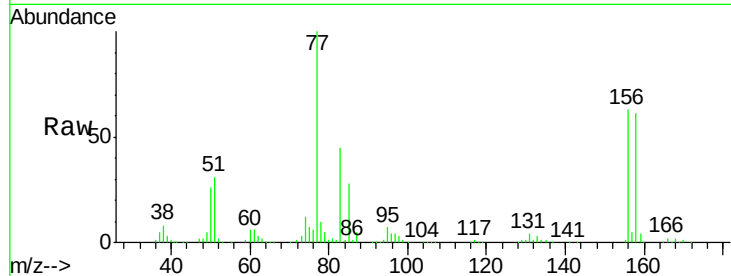
156 100

77 170.2 89.8 269.6

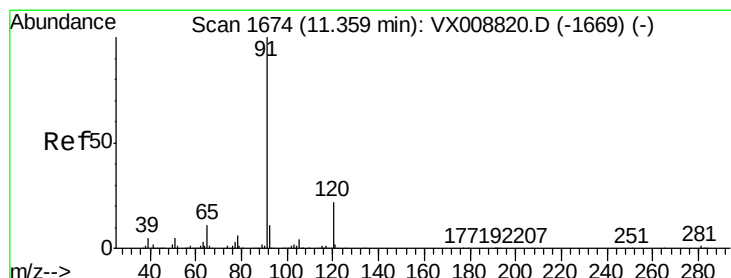
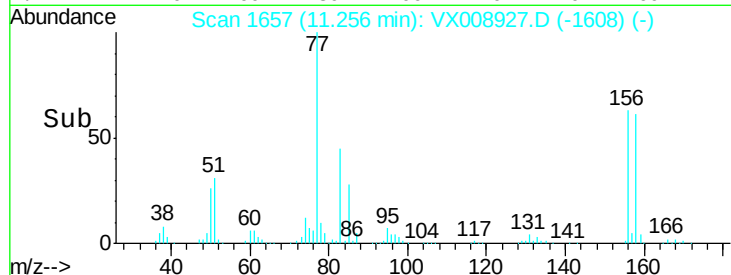
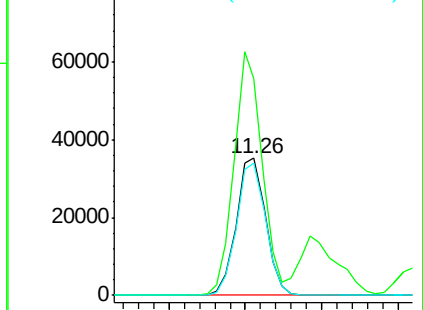
158 96.3 48.6 145.9

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.395 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008927.D

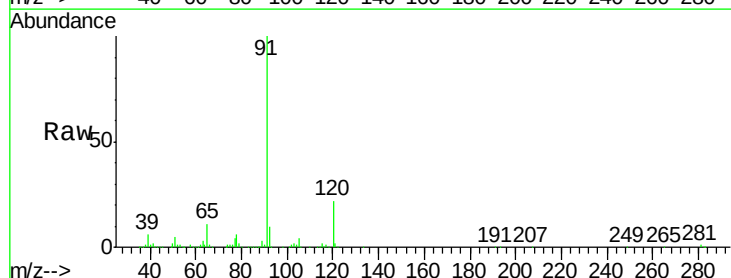
Acq: 13 Apr 2019 13:25

Tgt Ion: 91 Resp: 219183

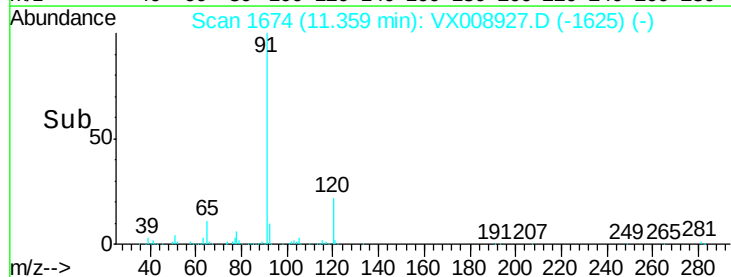
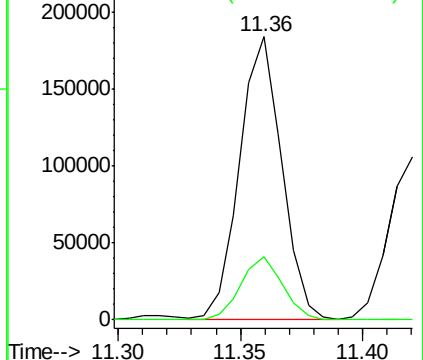
Ion Ratio Lower Upper

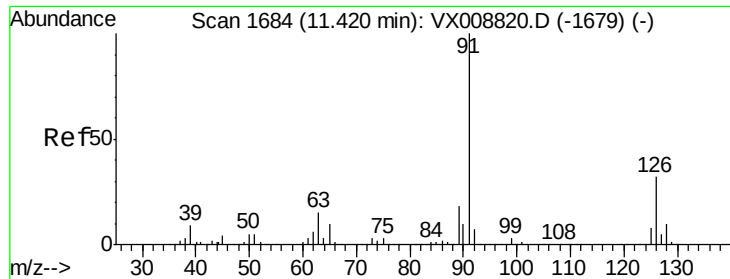
91 100

120 22.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.920 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion: 91 Resp: 129392

Ion Ratio Lower Upper

91 100

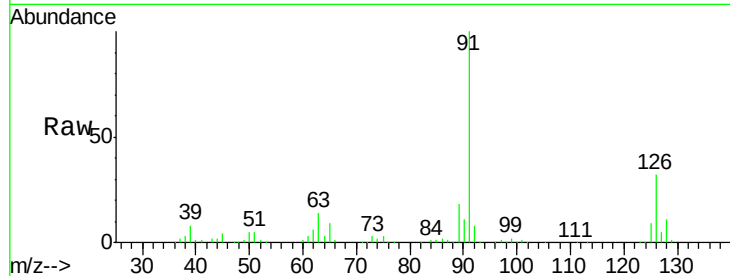
126 32.8 16.1 48.3

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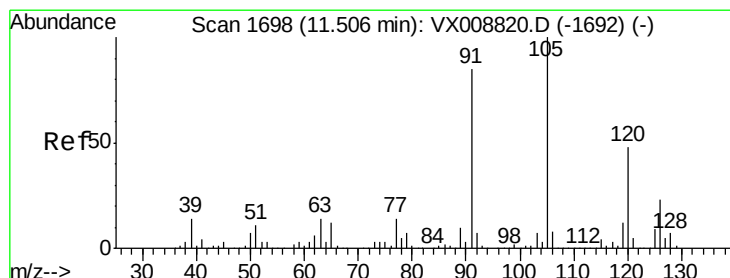
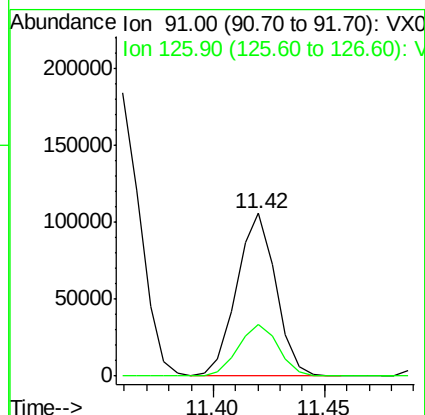
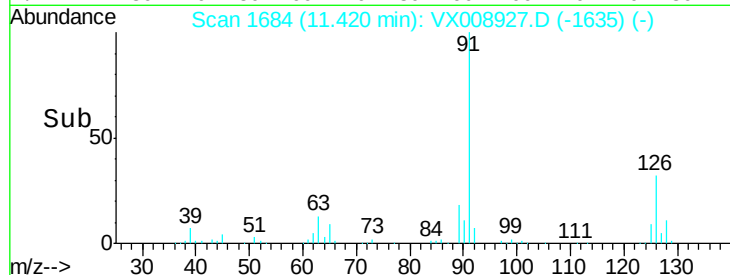
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008820.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.842 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008927.D

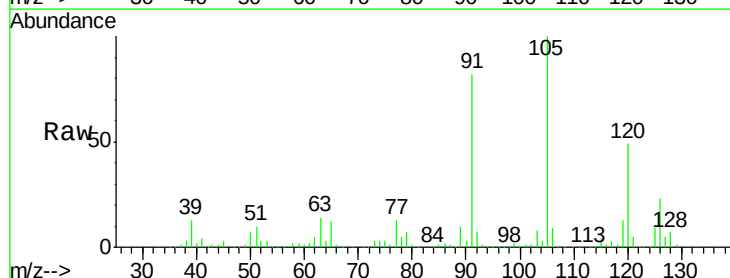
Acq: 13 Apr 2019 13:25

Tgt Ion:105 Resp: 161650

Ion Ratio Lower Upper

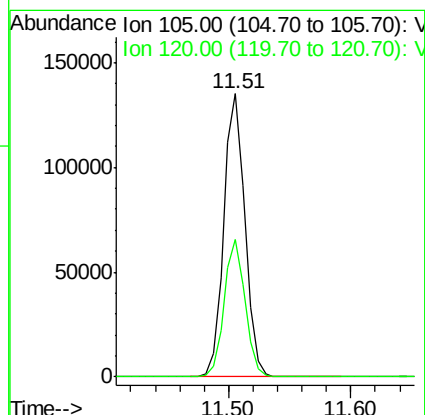
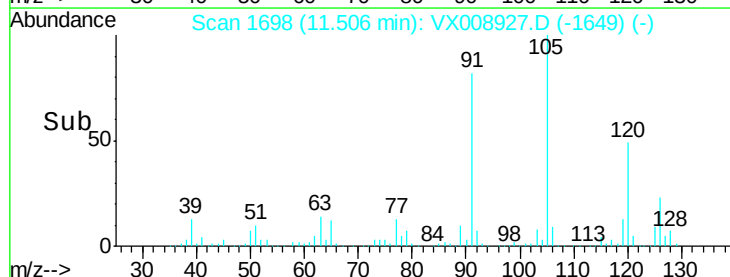
105 100

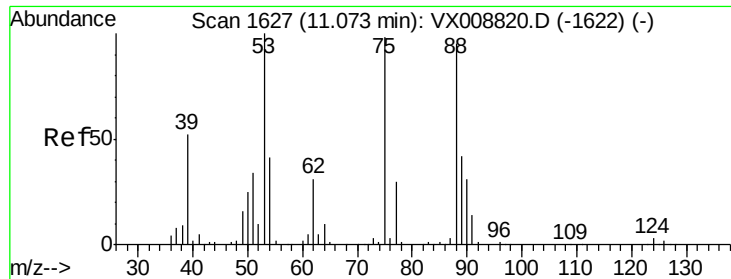
120 47.9 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008820.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008820.D (-1692) (-)





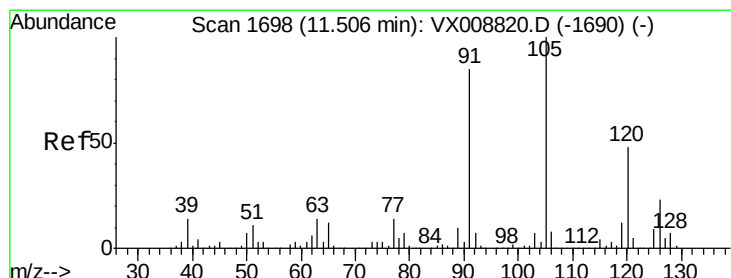
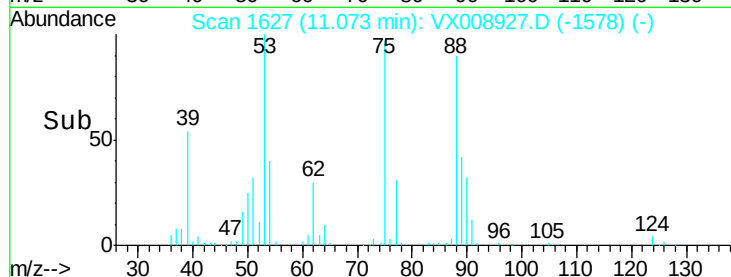
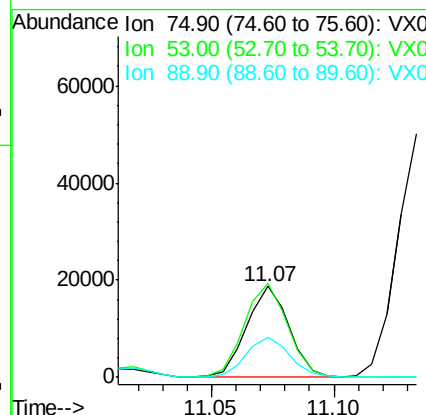
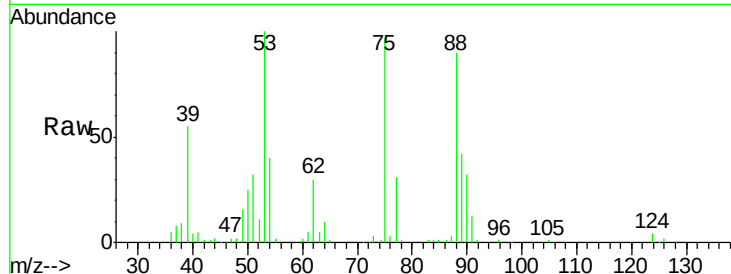
#81
trans-1,4-Dichloro-2-butene
Concen: 19.324 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	81.3	121.9
89	46.2	35.6	53.4

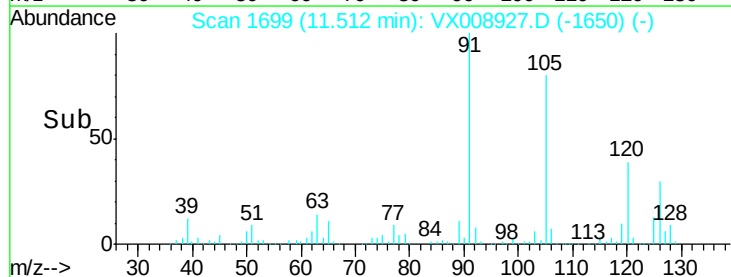
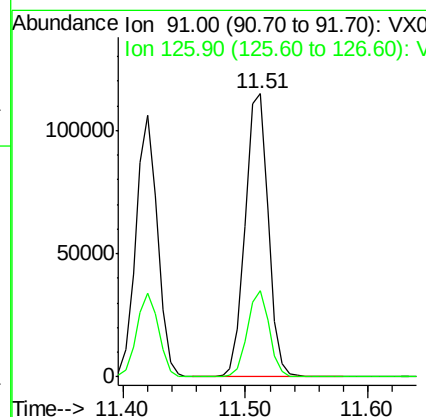
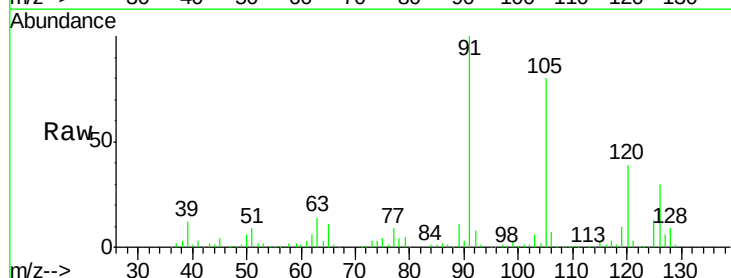
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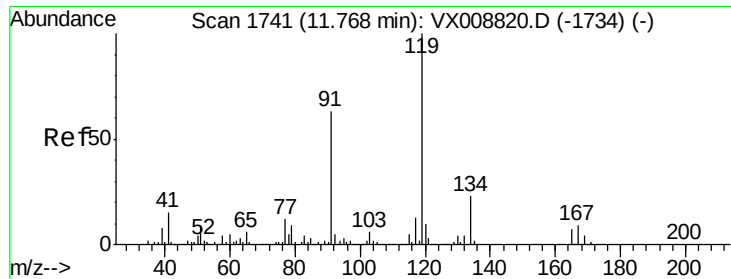
MMDadoda
4/15/2019 12:55:18 PM



#82
4-Chlorotoluene
Concen: 18.833 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	13.9	41.6





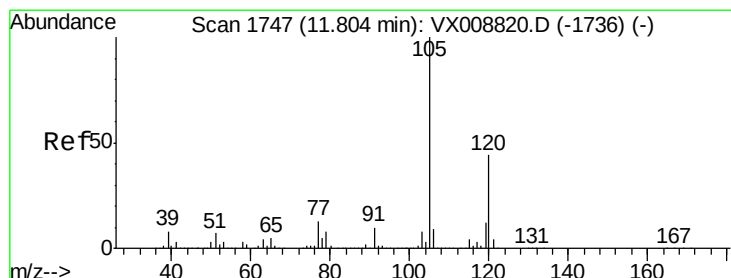
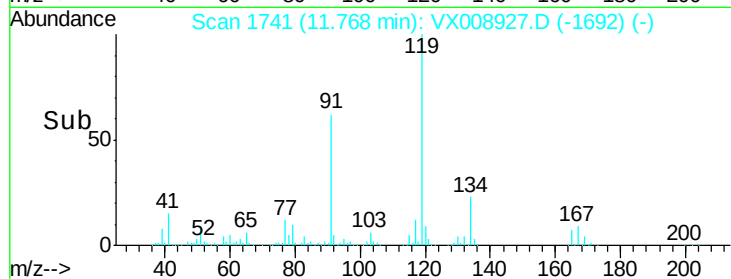
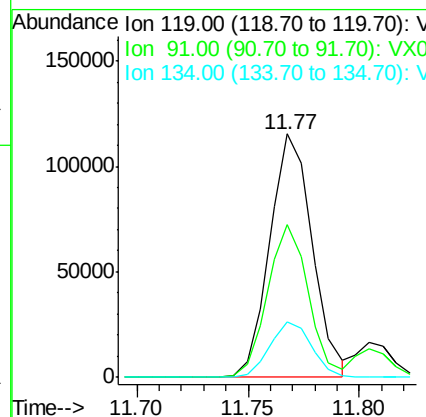
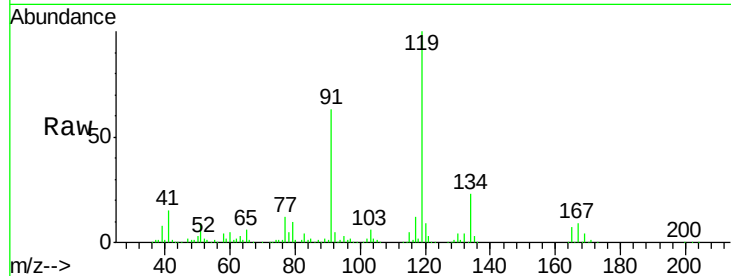
#83
 tert-Butylbenzene
 Concen: 19.487 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	152736		
91	60.5	30.0	90.1	
134	22.4	11.1	33.3	

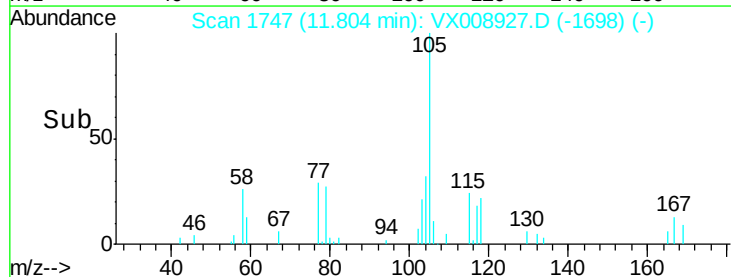
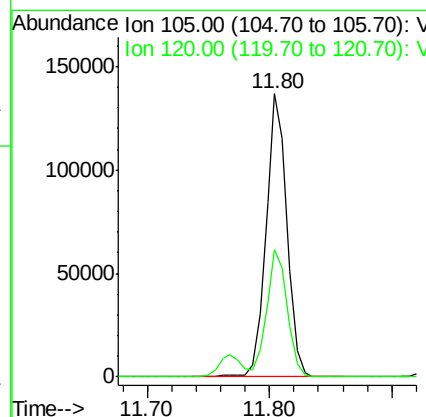
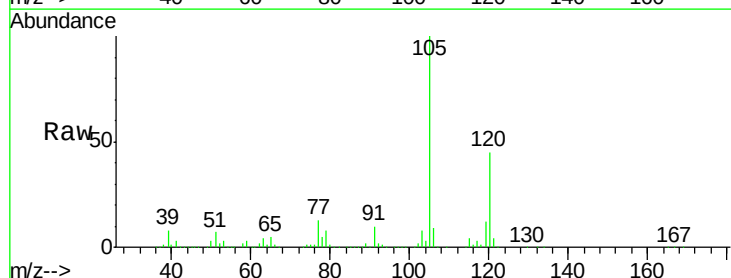
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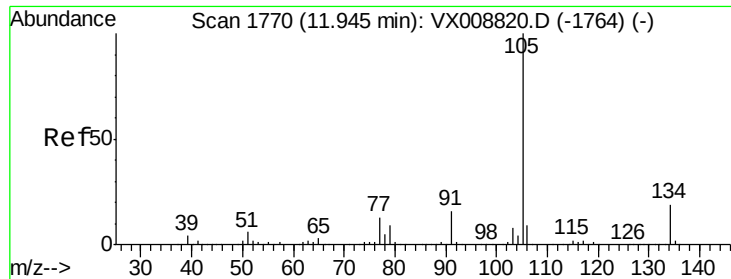
MMDadoda
 4/15/2019 12:55:18 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.682 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162359		
120	44.1	21.8	65.3	





#85

sec-Butylbenzene

Concen: 19.873 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBS01

Tot Ion:105 Resp: 185021

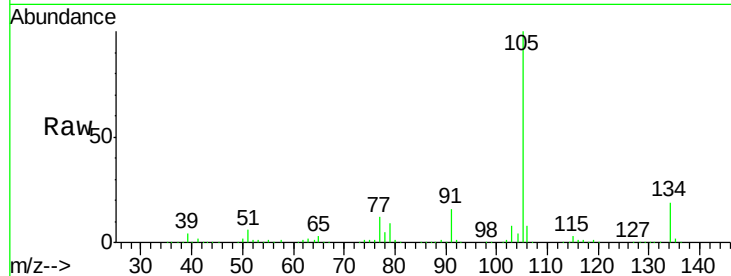
Ion Ratio Lower Upper

105 100

134 19.6 9.4 28.2

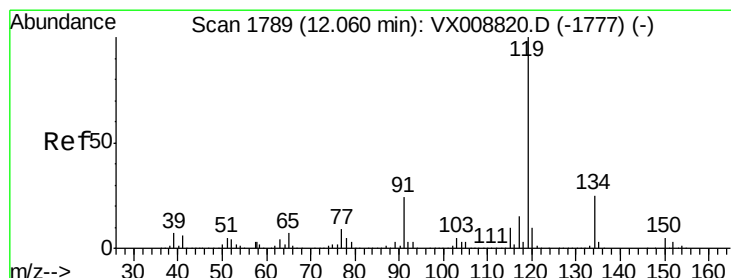
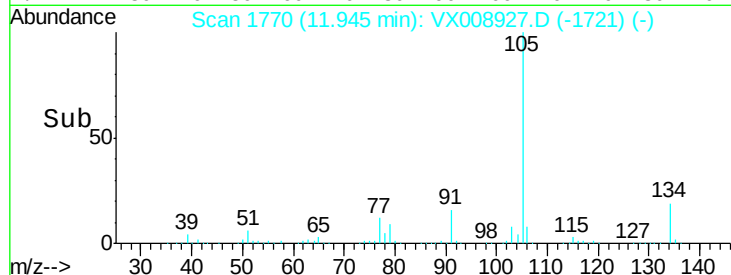
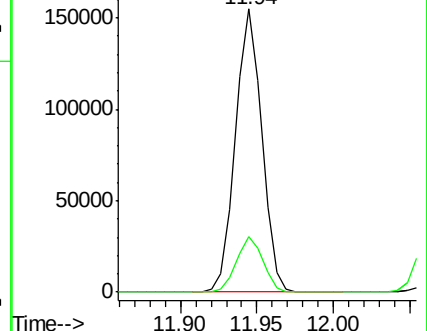
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4/15/2019 12:55:18 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.417 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

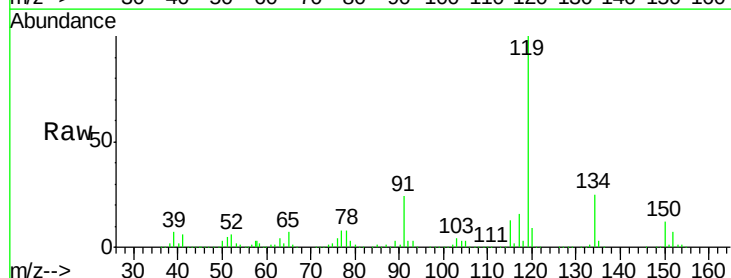
Tgt Ion:119 Resp: 170609

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

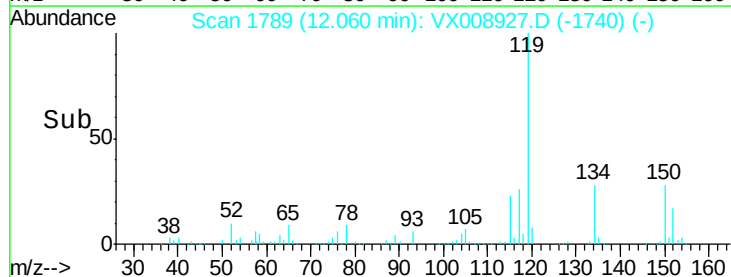
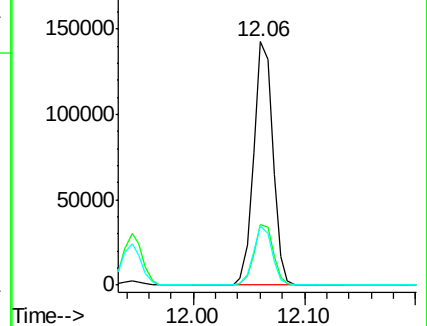
91 23.7 12.2 36.6

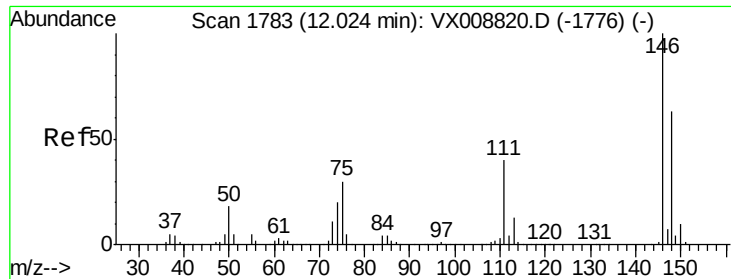


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





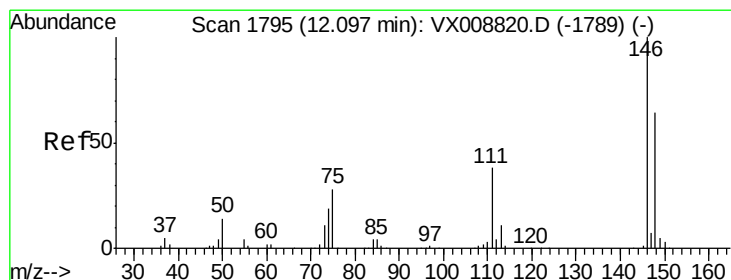
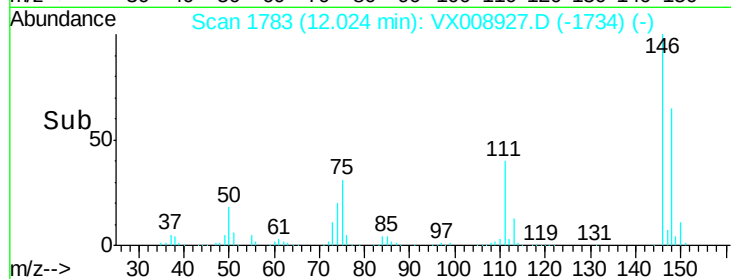
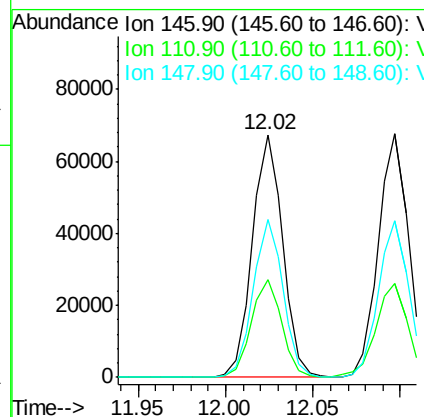
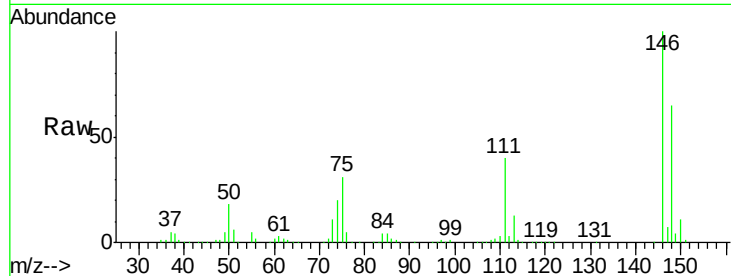
#87
 1,3-Dichlorobenzene
 Concen: 19.526 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.0	31.6	94.7

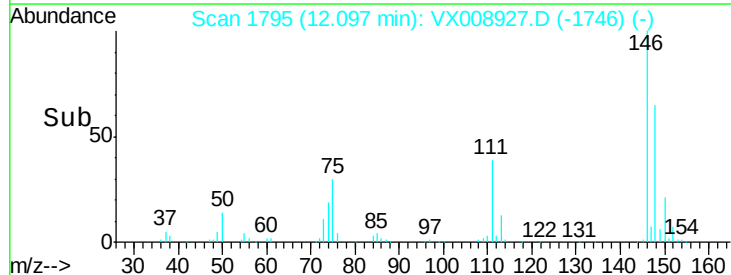
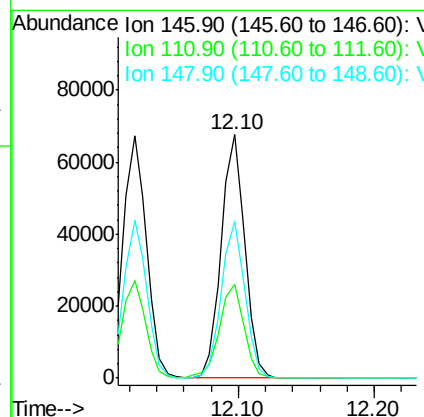
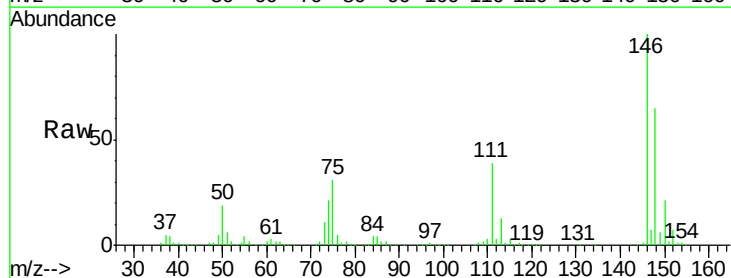
Manual Integrations
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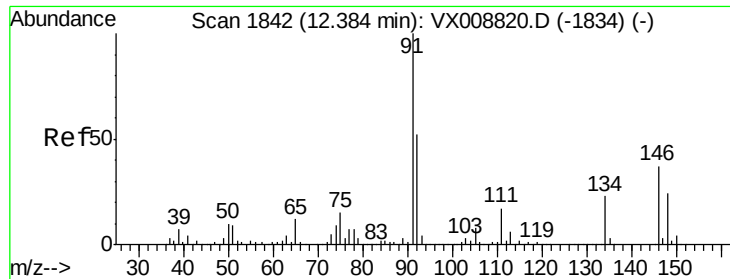
MMDadoda
 4/15/2019 12:55:18 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.235 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	64.7	32.0	96.0





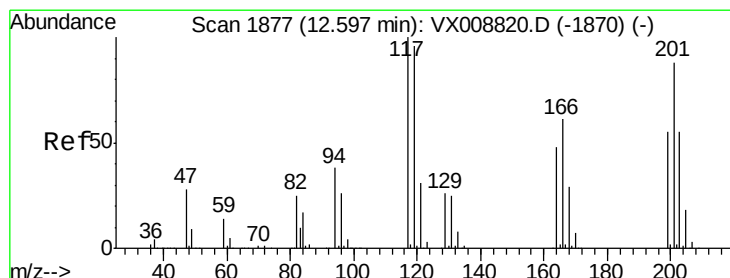
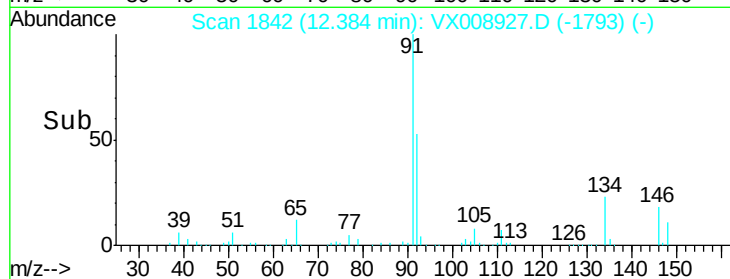
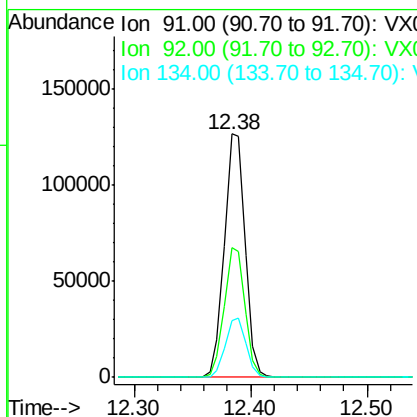
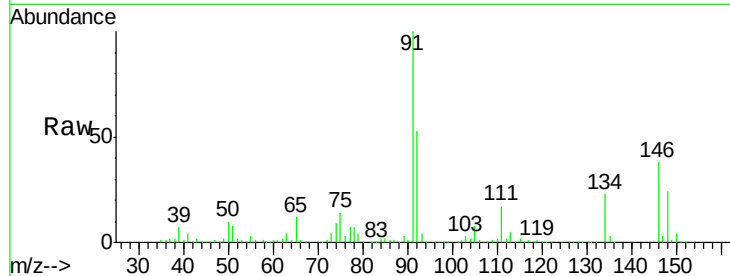
#89
n-Butylbenzene
Concen: 19.935 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0413WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.2
134	24.2	12.0	36.0

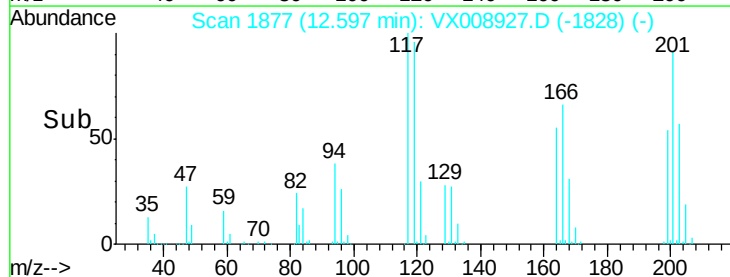
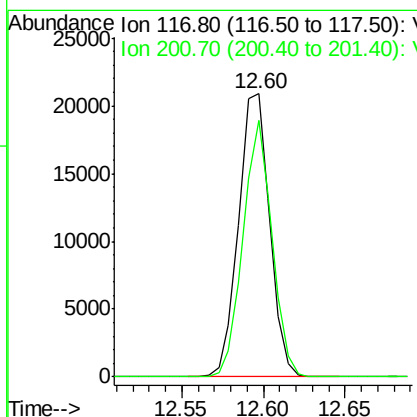
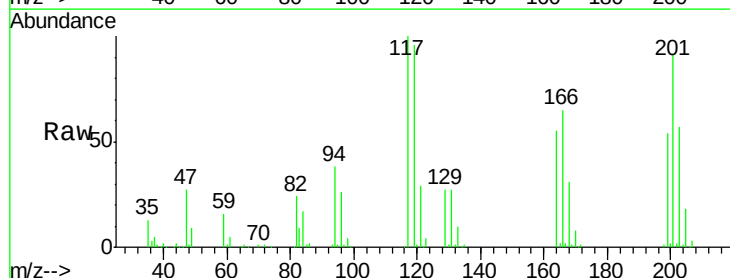
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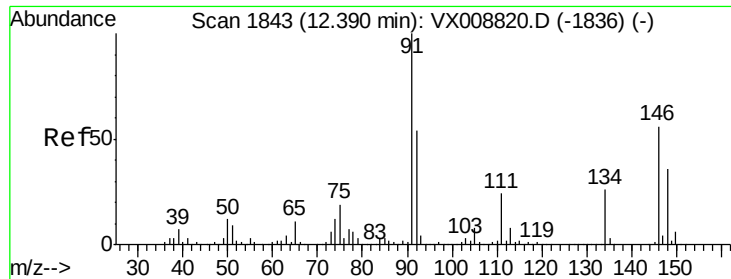
MMDadoda
4/15/2019 12:55:18 PM



#90
Hexachloroethane
Concen: 20.088 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008927.D
Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	40.6	122.0





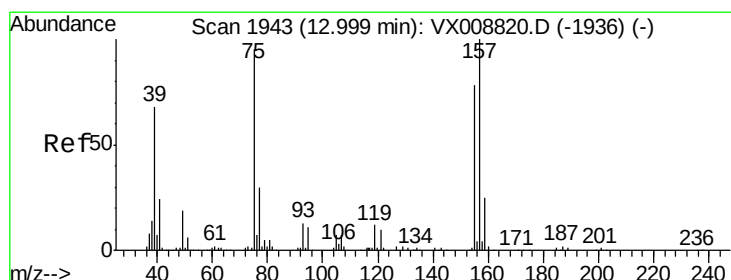
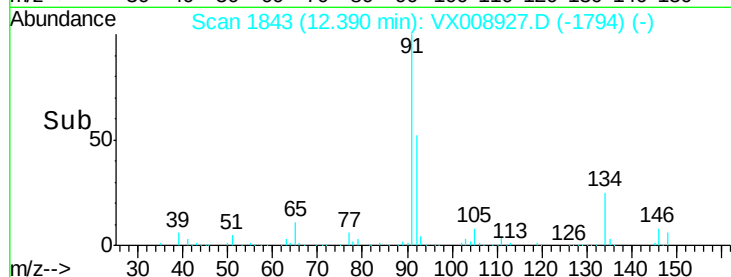
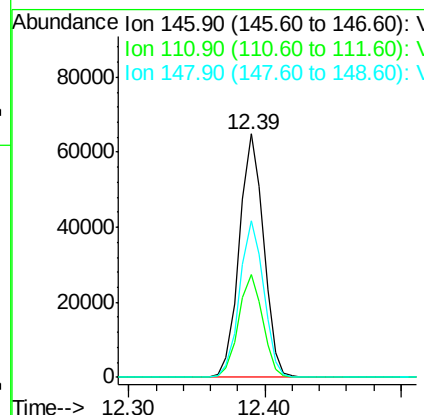
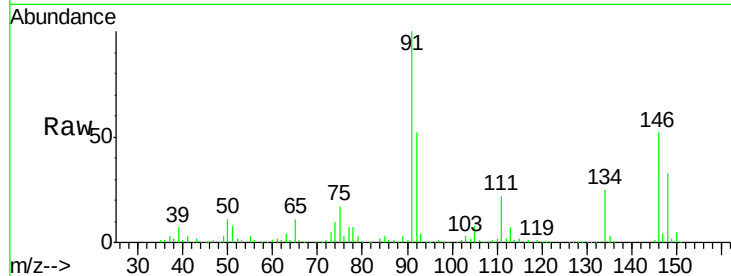
#91
 1,2-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	63.9	31.7	95.1

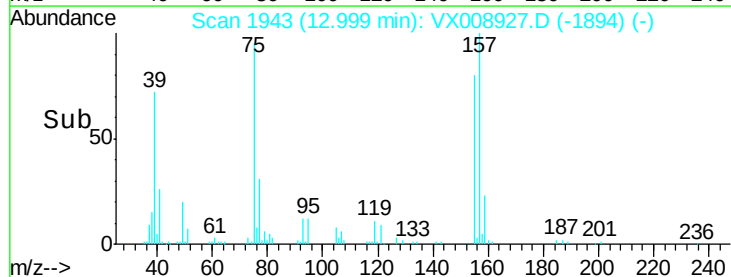
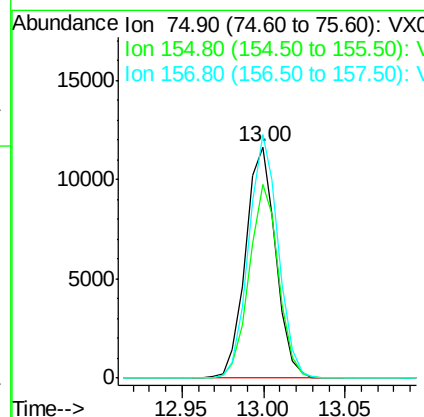
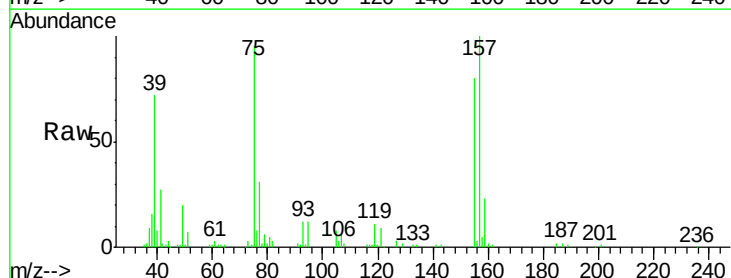
Manual Integrations
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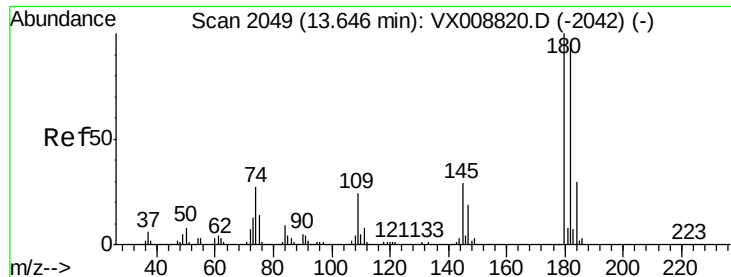
MMDadoda
 4/15/2019 12:55:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.494 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	39.9	119.6
157	102.9	51.5	154.7





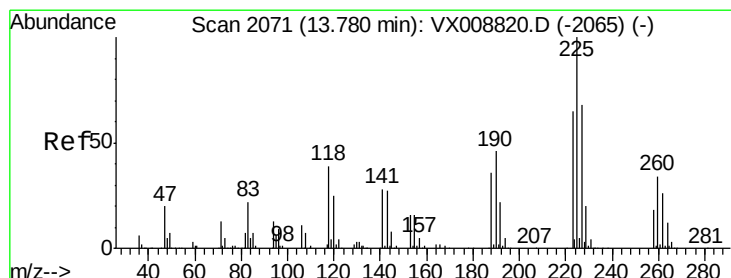
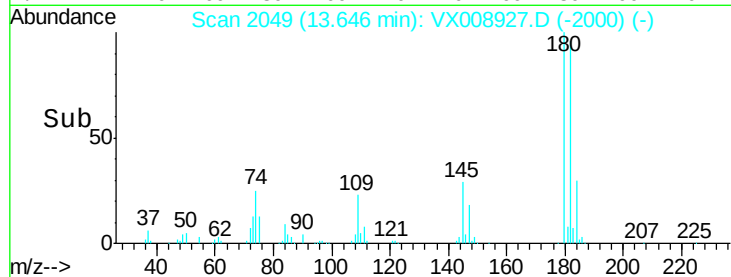
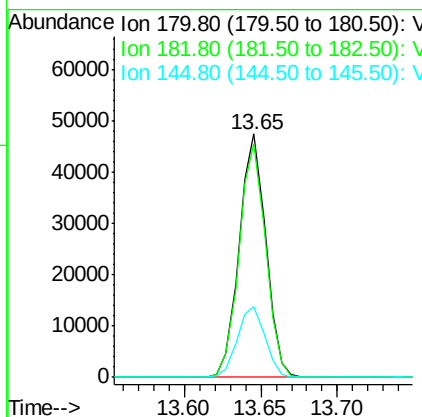
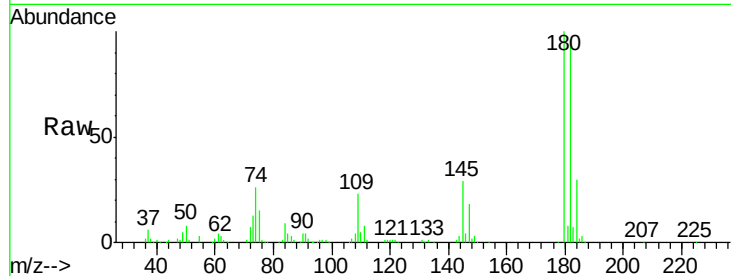
#93
 1,2,4-Trichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.2	141.6
145	30.2	15.3	45.9

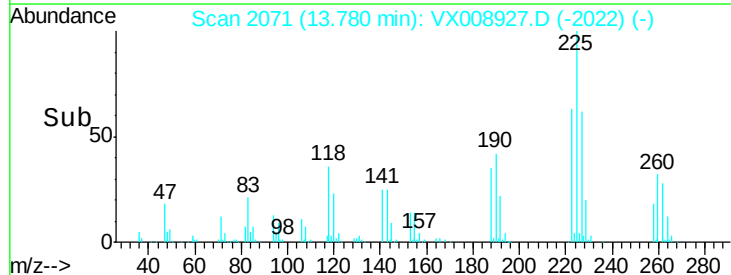
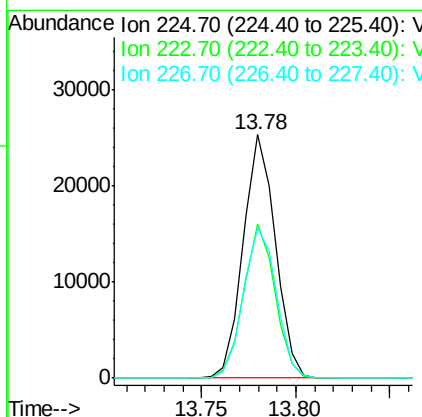
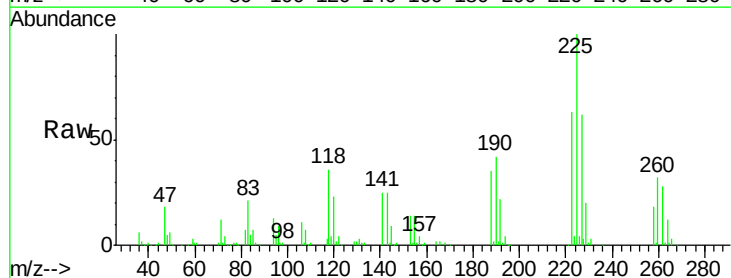
Manual Integrations
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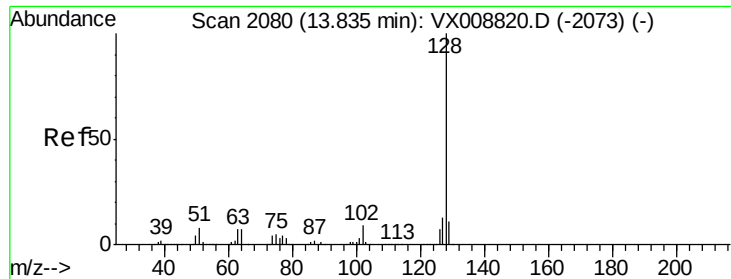
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 4/15/2019 12:55:18 PM



#94
 Hexachlorobutadiene
 Concen: 21.688 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008927.D
 Acq: 13 Apr 2019 13:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.2	93.6
227	63.5	31.9	95.5





#95

Naphthalene

Concen: 19.295 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Instrument :

MSVOA_X

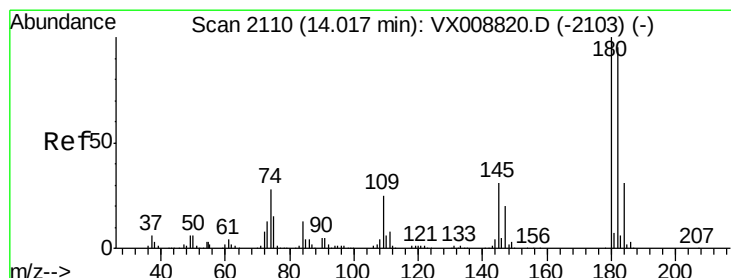
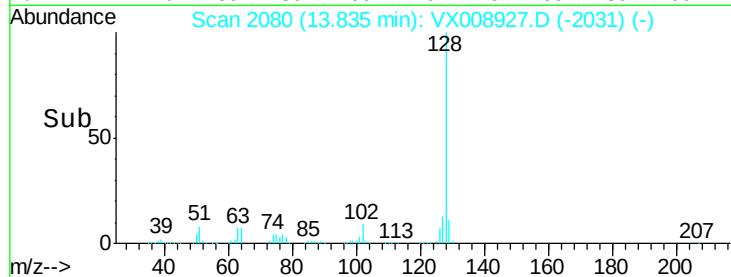
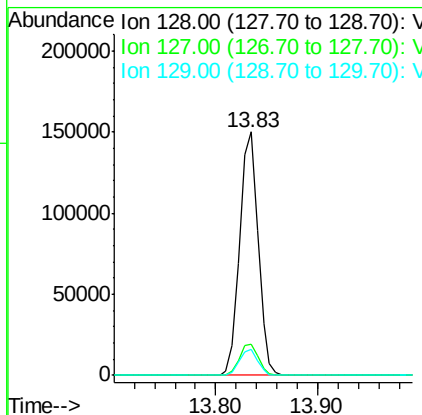
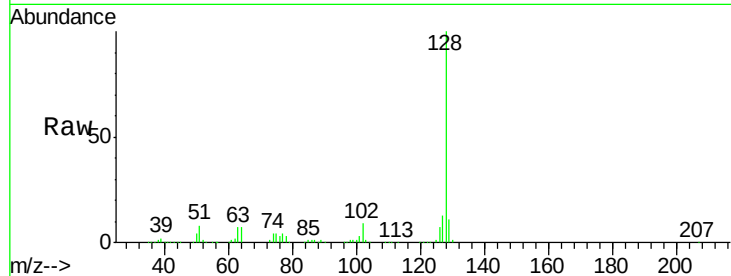
ClientSampleId :

VX0413WBS01

Tot Ion:	128	Resp:	185957
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.778 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008927.D

Acq: 13 Apr 2019 13:25

Tgt Ion:	180	Resp:	56982
Ion Ratio		Lower	Upper
180	100		
182	98.1	48.1	144.3
145	31.1	16.3	48.8

