

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007081.D
 Acq On : 17 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0117MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:27 AM

Quant Time: Jan 18 05:42:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	269520	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.50	113	240388	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	897819	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	320189	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81087	19.595	ug/l	92
3) Chloromethane	1.33	50	92335	19.168	ug/l	99
4) Vinyl Chloride	1.41	62	98697	19.046	ug/l	98
5) Bromomethane	1.64	94	103732	18.736	ug/l	100
6) Chloroethane	1.71	64	65451	18.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	160448	19.163	ug/l	100
8) Diethyl Ether	2.19	74	62356	18.720	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	95496	19.051	ug/l	99
10) Methyl Iodide	2.51	142	133503	19.744	ug/l	98
11) Tert butyl alcohol	3.07	59	124393	100.133	ug/l	98
12) 1,1-Dichloroethene	2.37	96	84719	18.293	ug/l	94
13) Acrolein	2.30	56	68157	128.727	ug/l	99
14) Allyl chloride	2.73	41	150000	18.898	ug/l	99
15) Acrylonitrile	3.15	53	284038	99.599	ug/l	99
16) Acetone	2.45	43	253391	97.328	ug/l	99
17) Carbon Disulfide	2.57	76	189451	15.889	ug/l	99
18) Methyl Acetate	2.78	43	154147	20.445	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	313524	19.504	ug/l	99
20) Methylene Chloride	2.85	84	102055	20.273	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	93365	18.090	ug/l	98
22) Diisopropyl ether	3.87	45	289257	19.385	ug/l	98
23) Vinyl Acetate	3.82	43	1174844	93.362	ug/l	99
24) 1,1-Dichloroethane	3.70	63	162051	19.422	ug/l	98
25) 2-Butanone	4.70	43	369483	99.185	ug/l	96
26) 2,2-Dichloropropane	4.58	77	118657	18.494	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	105866	18.597	ug/l	99
28) Bromochloromethane	5.01	49	72705	19.888	ug/l	92
29) Tetrahydrofuran	5.15	42	239346	98.866	ug/l	98
30) Chloroform	5.21	83	172174	19.709	ug/l	99
31) Cyclohexane	5.57	56	137710	18.544	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	141926	19.167	ug/l	98
36) 1,1-Dichloropropene	5.80	75	119280	18.317	ug/l	100
37) Ethyl Acetate	4.85	43	136819	19.597	ug/l	99
38) Carbon Tetrachloride	5.78	117	119589	18.252	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150737	18.157	ug/l	98
40) Benzene	6.14	78	375461	18.896	ug/l	99
41) Methacrylonitrile	5.06	41	76104	18.922	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129632	18.879	ug/l	100
43) Isopropyl Acetate	6.46	43	213031	19.345	ug/l	98
44) Trichloroethene	7.21	130	107886	18.119	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95334	19.084	ug/l	100
46) Dibromomethane	7.66	93	66713	19.002	ug/l	97
47) Bromodichloromethane	7.90	83	114141	19.100	ug/l	95
48) Methyl methacrylate	7.77	41	108072	19.110	ug/l	97
49) 1,4-Dioxane	7.75	88	52676	402.742	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	714938	101.019	ug/l	99
52) Toluene	8.78	92	242341	18.975	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	121315	18.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	134666	18.402	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	105088	20.557	ug/l	98
56) Ethyl methacrylate	9.18	69	146316	19.606	ug/l	95
57) 1,3-Dichloropropane	9.37	76	165708	19.787	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	382025	99.563	ug/l	99
59) 2-Hexanone	9.49	43	546537	101.337	ug/l	98
60) Dibromochloromethane	9.59	129	96525	19.446	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109258	19.414	ug/l	99
64) Tetrachloroethene	9.34	164	113257	19.257	ug/l	98
65) Chlorobenzene	10.14	112	286647	19.347	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97508	19.564	ug/l	99
67) Ethyl Benzene	10.25	91	464016	18.971	ug/l	99
68) m/p-Xylenes	10.36	106	362734	37.641	ug/l	99
69) o-Xylene	10.70	106	180596	19.216	ug/l	100
70) Styrene	10.71	104	286218	19.229	ug/l	99
71) Bromoform	10.86	173	68851	18.708	ug/l	100
73) Isopropylbenzene	11.02	105	473725	19.566	ug/l	100
74) N-amyl acetate	10.90	43	183754	18.850	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	150181	19.539	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	140177m	20.146	ug/l	
77) Bromobenzene	11.26	156	128887	19.320	ug/l	99
78) n-propylbenzene	11.36	91	525987	19.790	ug/l	98
79) 2-Chlorotoluene	11.42	91	311222	19.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	389680	19.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34337	17.549	ug/l	90
82) 4-Chlorotoluene	11.51	91	358631	19.360	ug/l	100
83) tert-Butylbenzene	11.77	119	387547	19.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	401721	19.747	ug/l	99
85) sec-Butylbenzene	11.94	105	476626	19.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	423301	19.632	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	226045	18.746	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	229918	20.211	ug/l	99
89) n-Butylbenzene	12.38	91	350105	19.047	ug/l	98
90) Hexachloroethane	12.60	117	58031	18.786	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	229653	19.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28009	18.425	ug/l	98

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Instrument :
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ClientSampleId :
VX0117MBS01

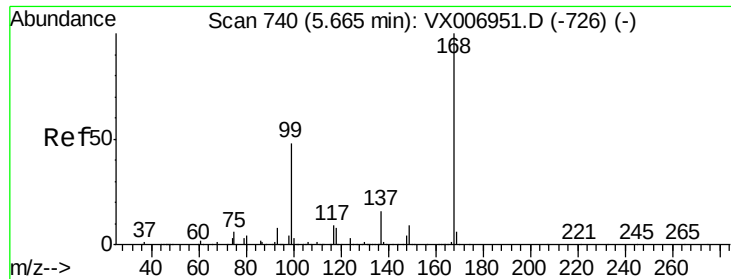
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150371	18.419	ug/l	100
94) Hexachlorobutadiene	13.78	225	71243	19.665	ug/l	98
95) Naphthalene	13.83	128	471903	19.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152882	18.851	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion:168 Resp: 503906

Ion Ratio Lower Upper

168 100

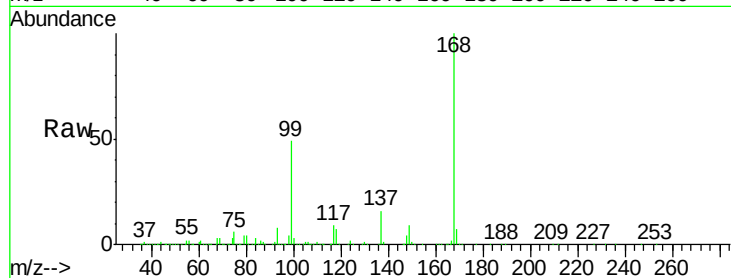
99 48.6 41.8 62.8

Manual Integrations

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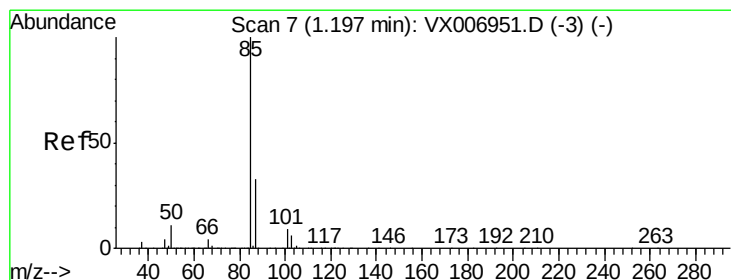
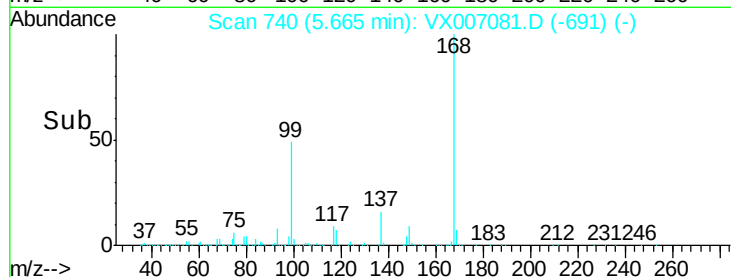
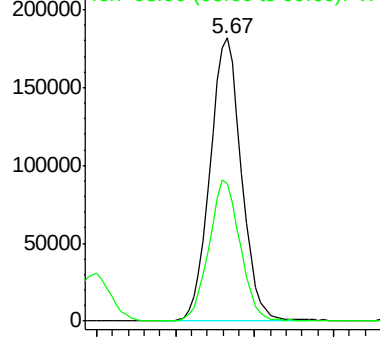
MMDadoda

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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: 19.595 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007081.D

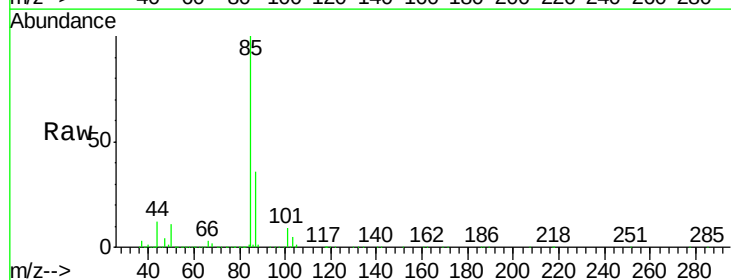
Acq: 17 Jan 2019 11:50

Tgt Ion: 85 Resp: 81087

Ion Ratio Lower Upper

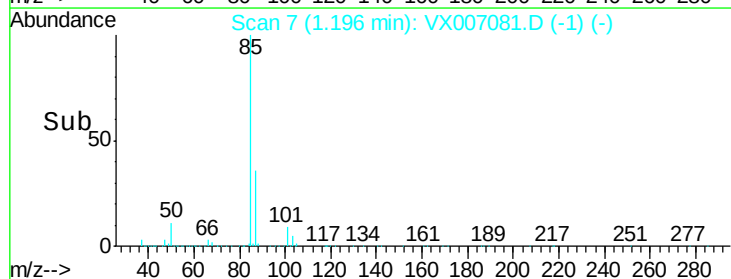
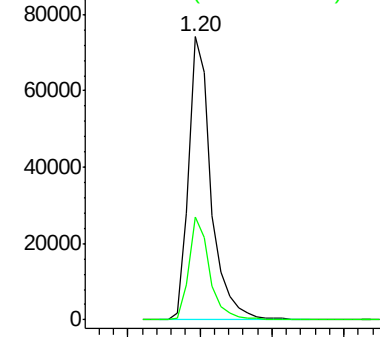
85 100

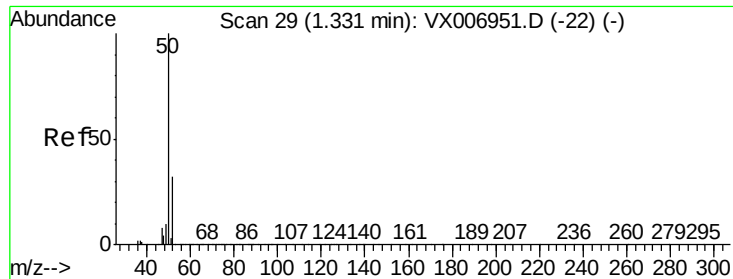
87 36.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.168 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 50 Resp: 92335

Ion Ratio Lower Upper

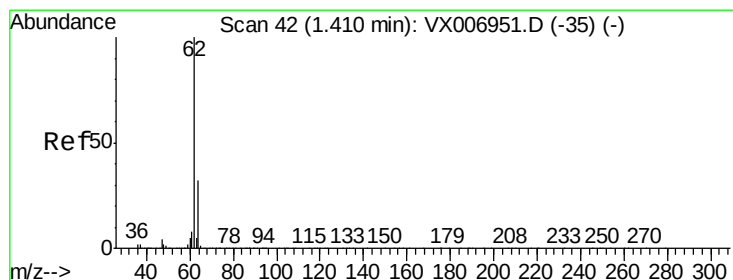
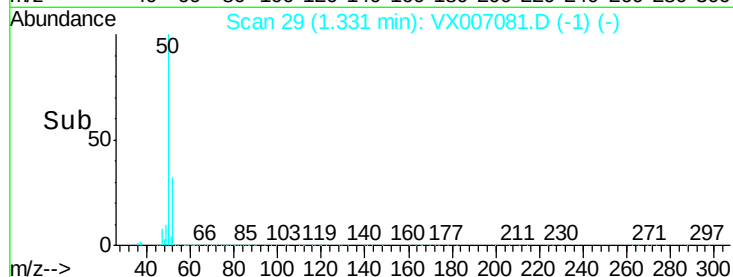
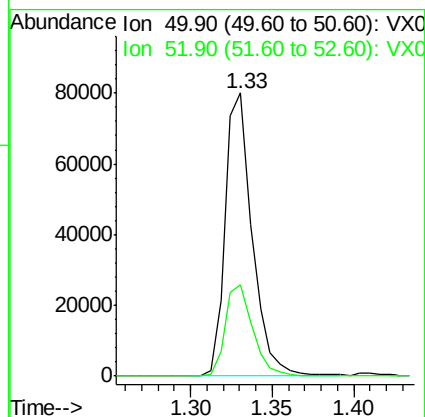
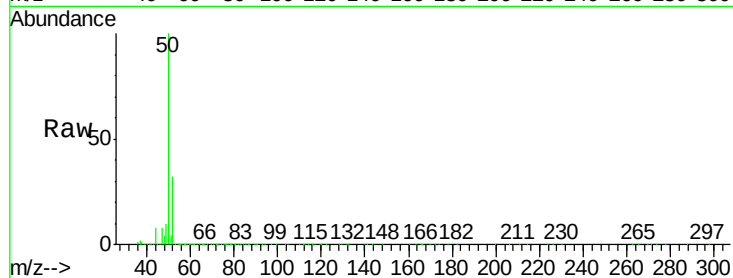
50 100

52 32.3 25.4 38.2

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#4

Vinyl Chloride

Concen: 19.046 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007081.D

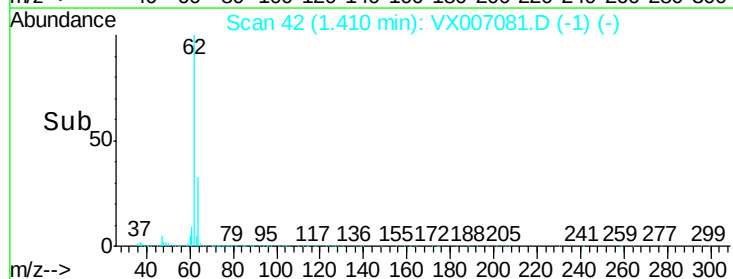
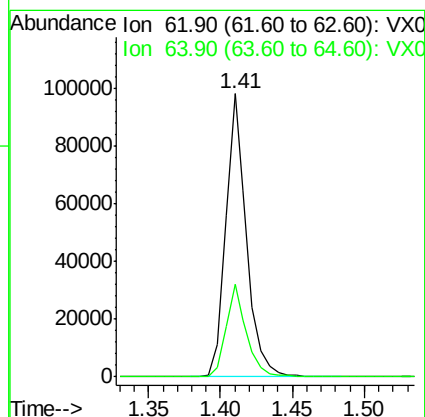
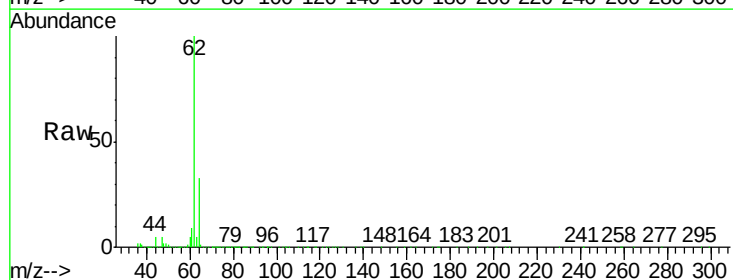
Acq: 17 Jan 2019 11:50

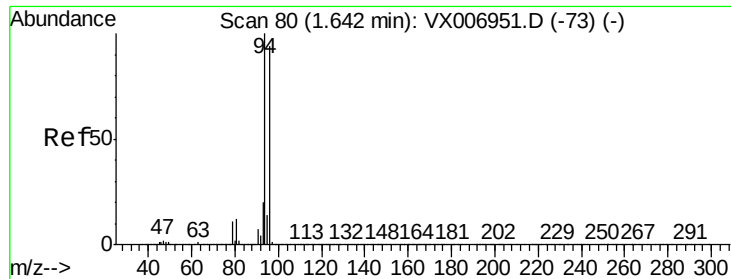
Tgt Ion: 62 Resp: 98697

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 18.736 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 94 Resp: 103732

Ion Ratio Lower Upper

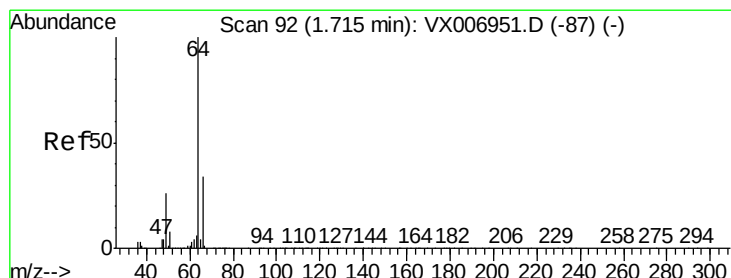
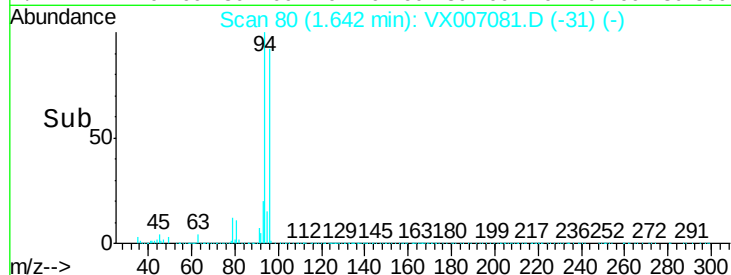
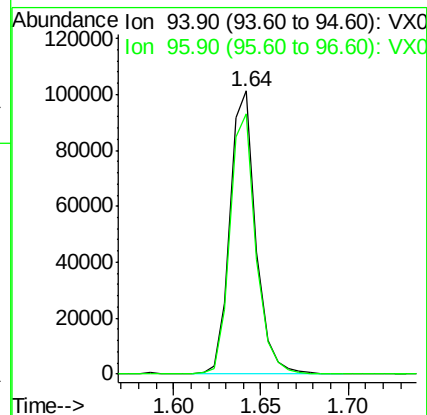
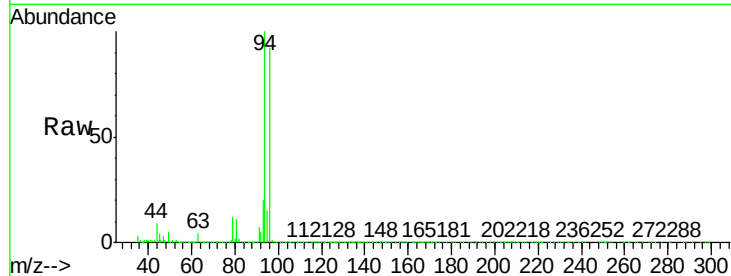
94 100

96 91.9 73.4 110.2

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#6

Chloroethane

Concen: 18.089 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007081.D

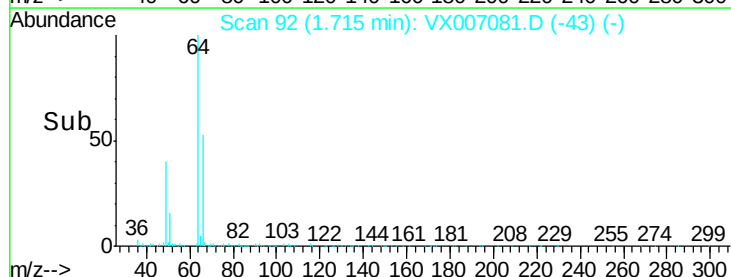
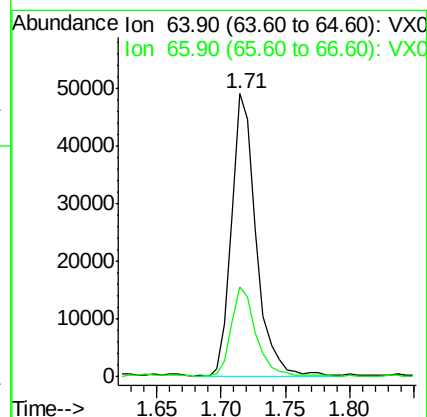
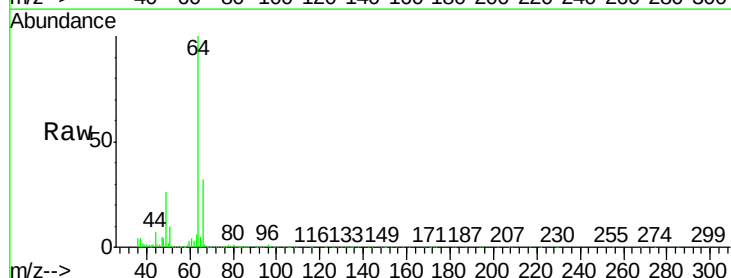
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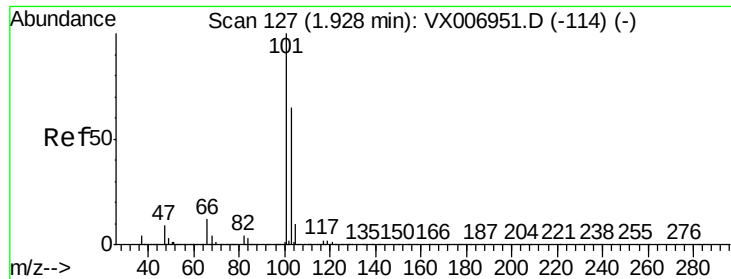
Tgt Ion: 64 Resp: 65451

Ion Ratio Lower Upper

64 100

66 31.9 26.4 39.6





#7

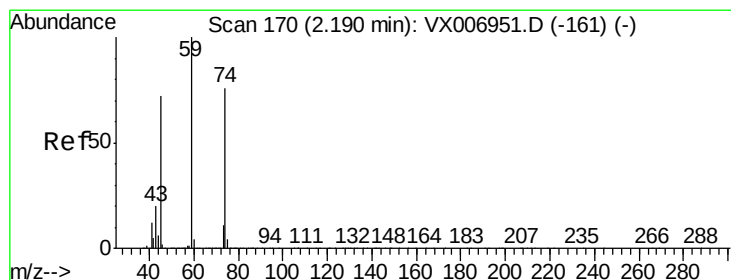
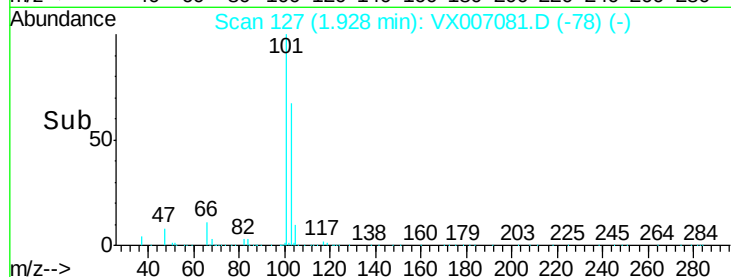
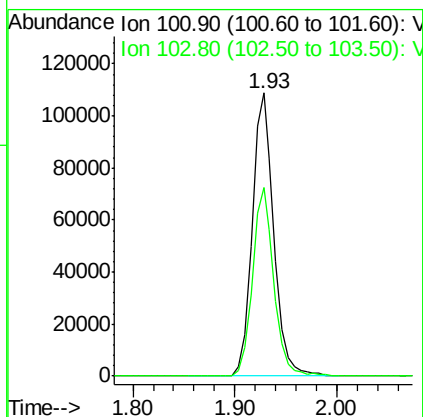
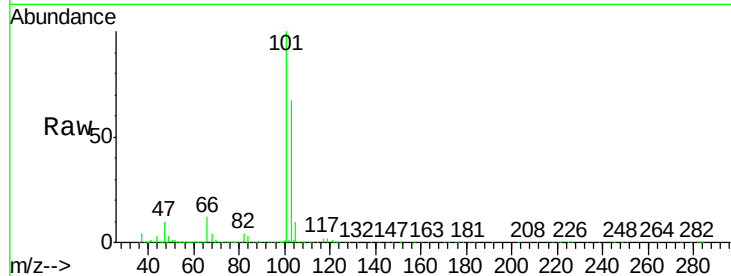
Trichlorofluoromethane
Concen: 19.163 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

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ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	53.2	79.8

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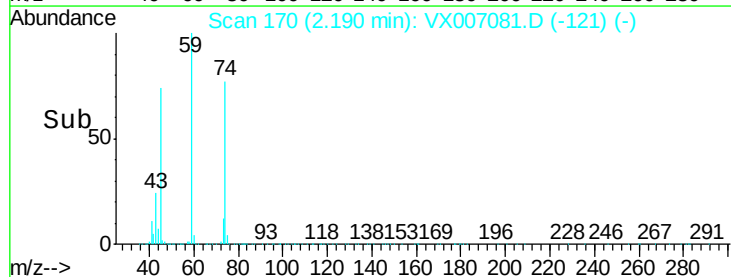
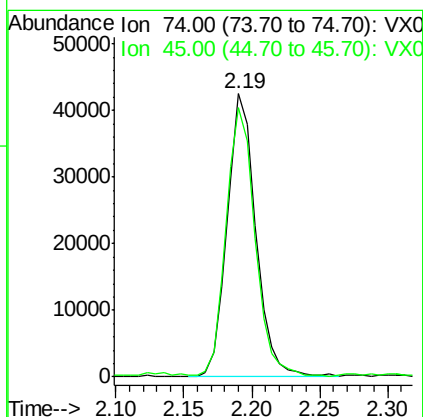
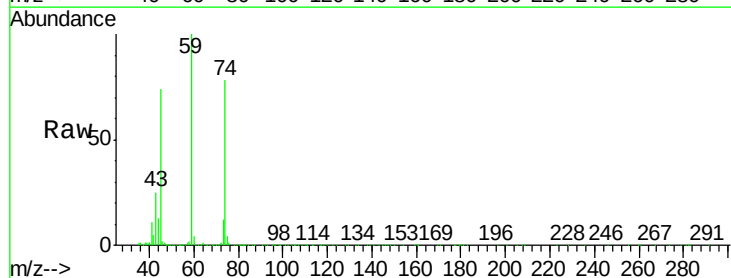
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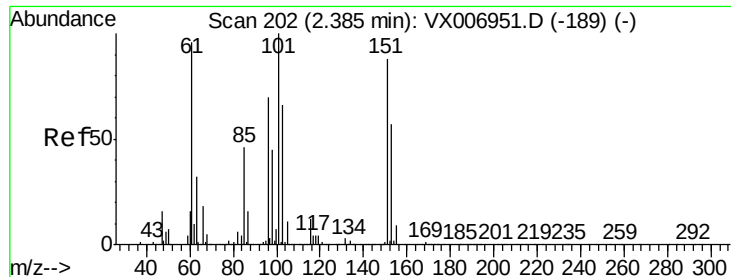


#8

Diethyl Ether
Concen: 18.720 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.051 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

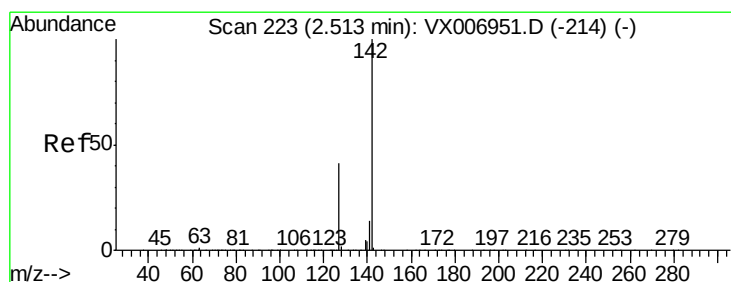
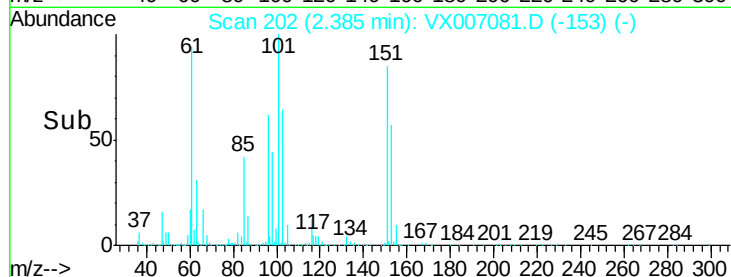
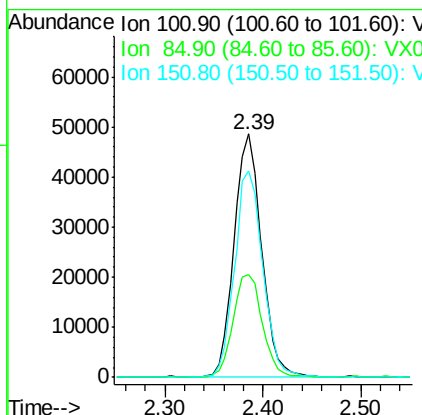
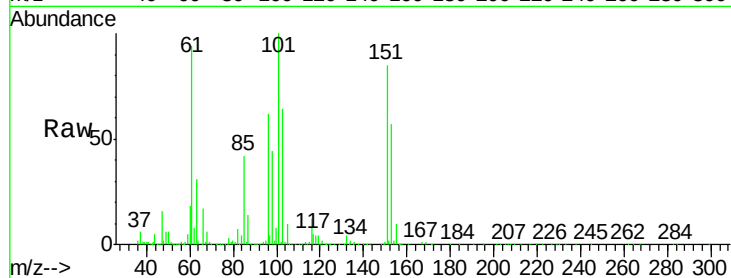
ClientSampleId :

VX0117MBS01

Tot Ion:	101	Resp:	95496
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.1	52.7
151	86.7	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.744 ug/l

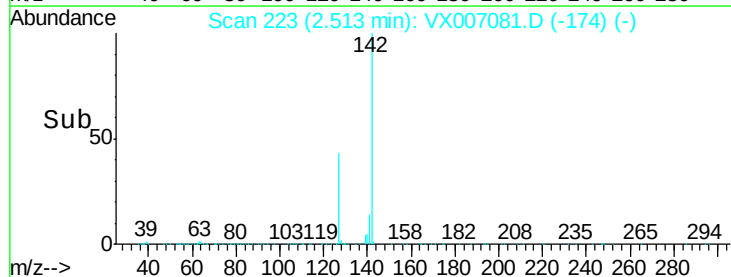
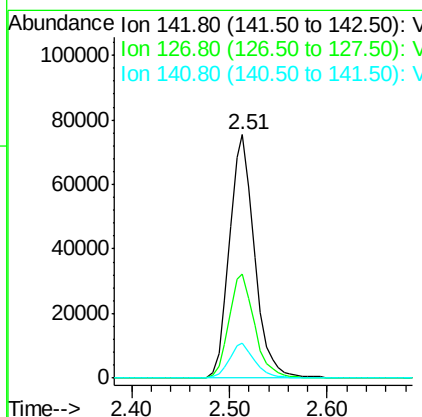
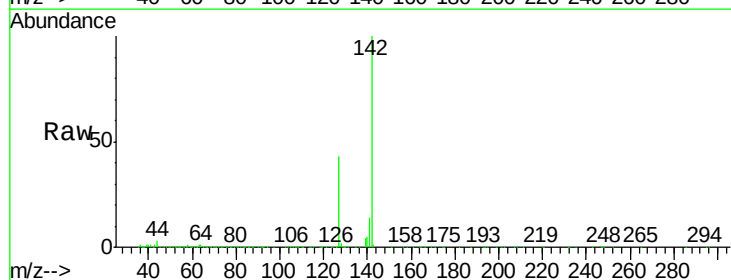
RT: 2.51 min Scan# 223

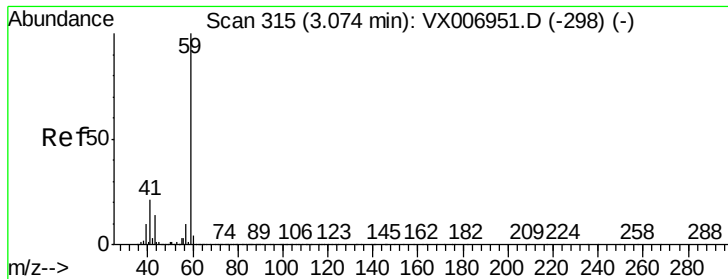
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	142	Resp:	133503
Ion Ratio	Lower	Upper	
142	100		
127	43.6	33.9	50.9
141	14.5	11.4	17.0





#11

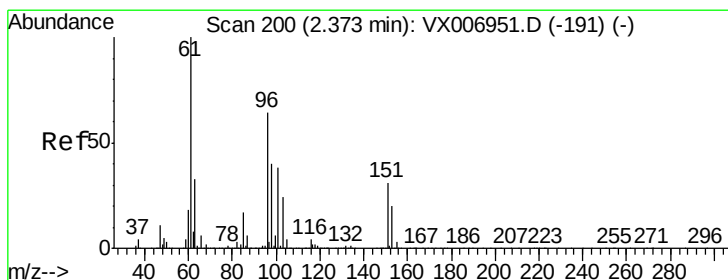
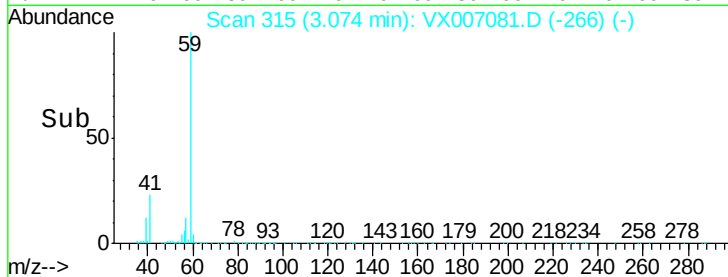
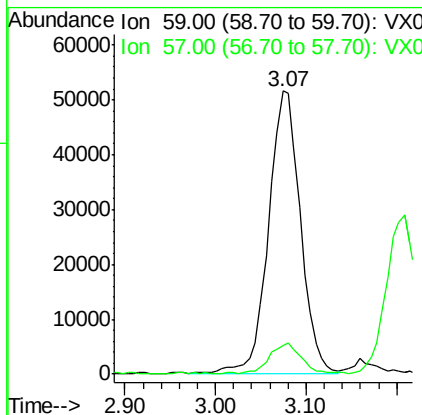
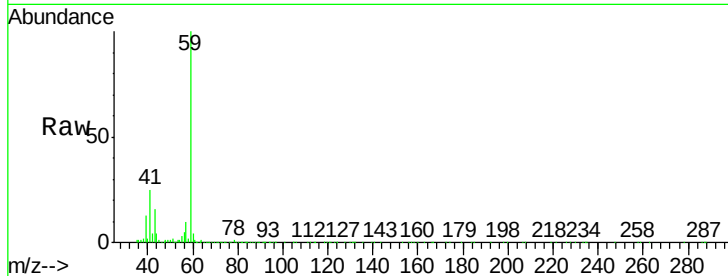
Tert butyl alcohol
Concen: 100.133 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.5	12.7

Manual Integrations
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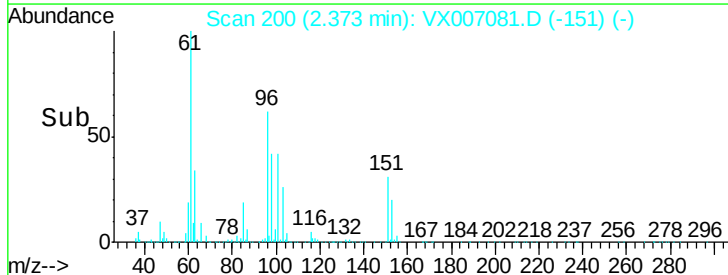
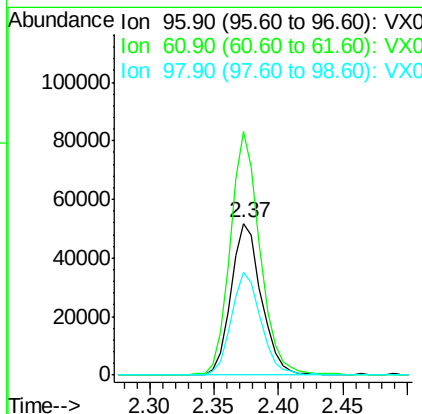
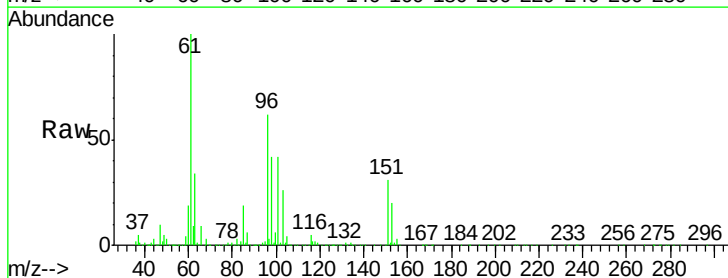
MMDadoda
1/18/2019 10:23:27 AM

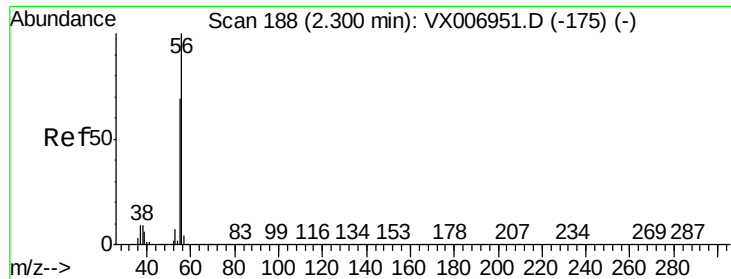


#12

1,1-Dichloroethene
Concen: 18.293 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	121.4	182.2
98	67.3	51.9	77.9





#13

Acrolein

Concen: 128.727 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 56 Resp: 68157

Ion Ratio Lower Upper

56 100

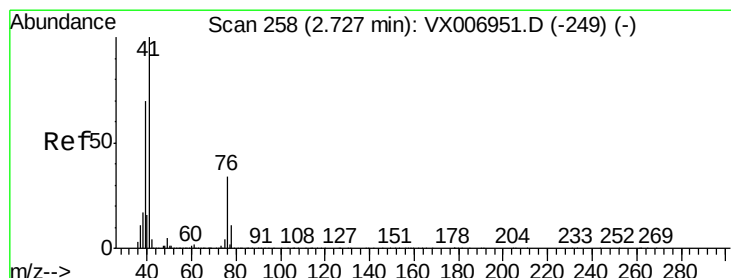
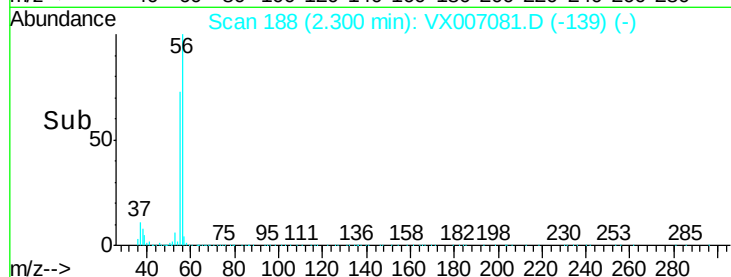
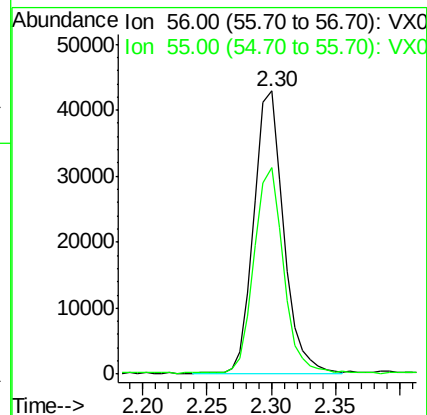
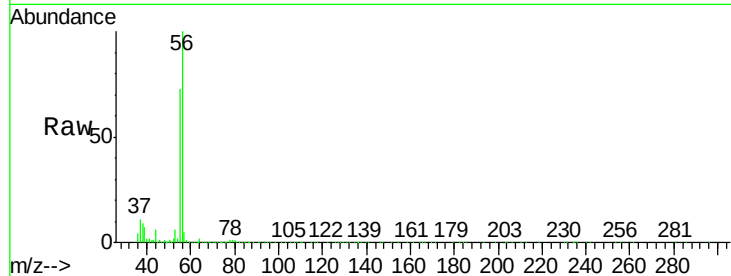
55 71.9 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.898 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

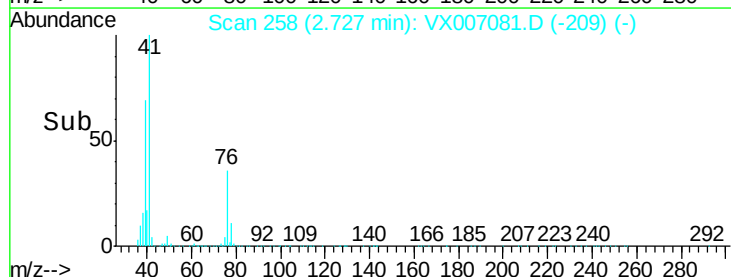
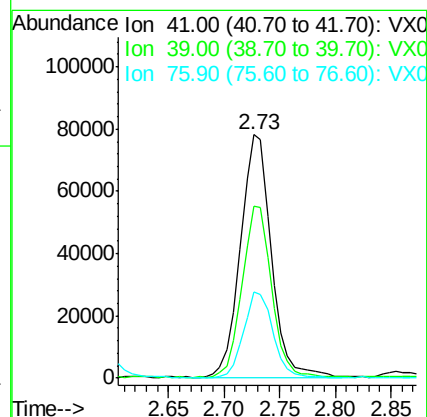
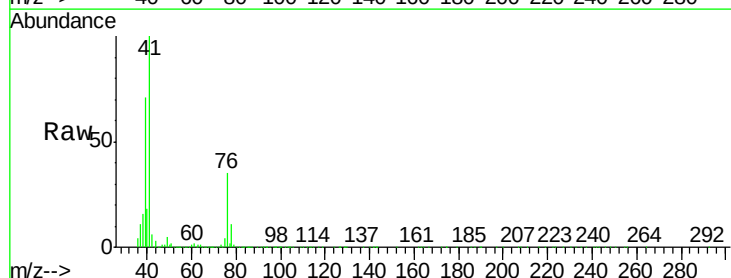
Tgt Ion: 41 Resp: 150000

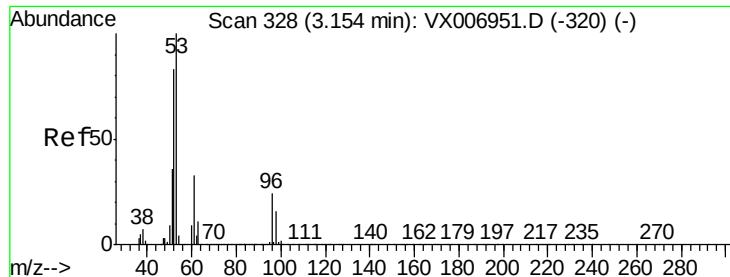
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.4 27.4 41.2





#15

Acrylonitrile

Concen: 99.599 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

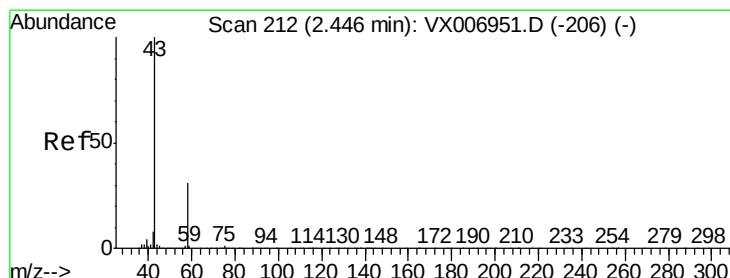
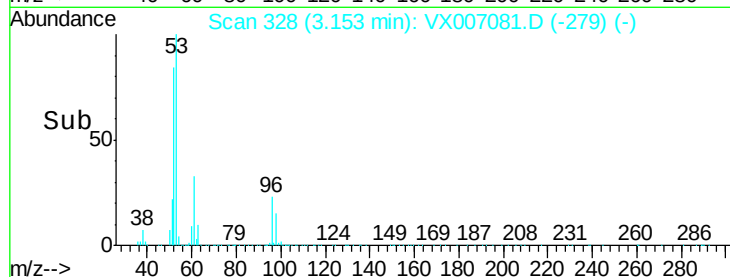
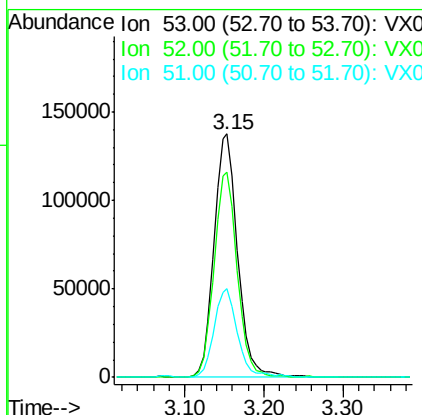
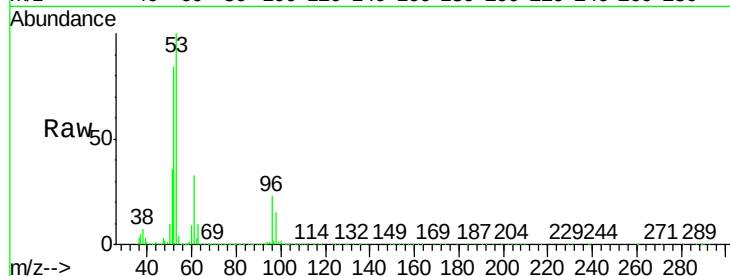
ClientSampleId :

VX0117MBS01

Tot Ion:	53	Resp:	284038
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.0	99.0
51	36.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 97.328 ug/l

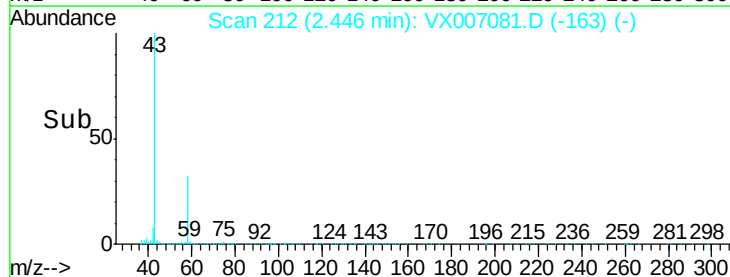
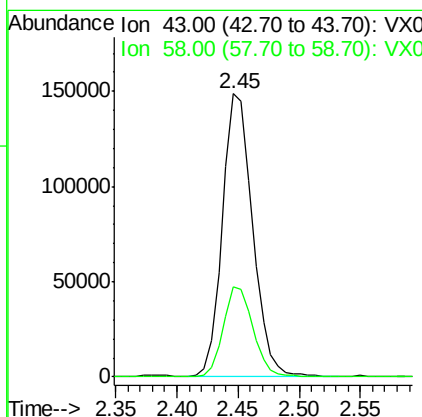
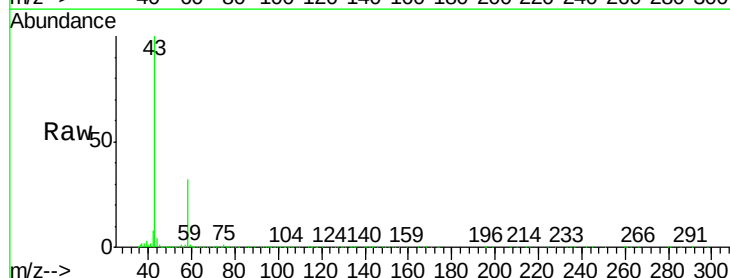
RT: 2.45 min Scan# 212

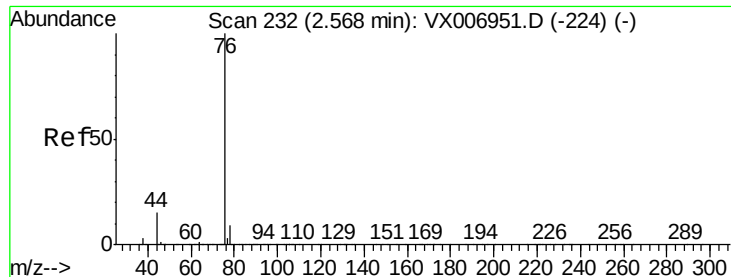
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	43	Resp:	253391
Ion Ratio		Lower	Upper
43	100		
58	31.7	25.0	37.6





#17

Carbon Disulfide

Concen: 15.889 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 76 Resp: 189451

Ion Ratio Lower Upper

76 100

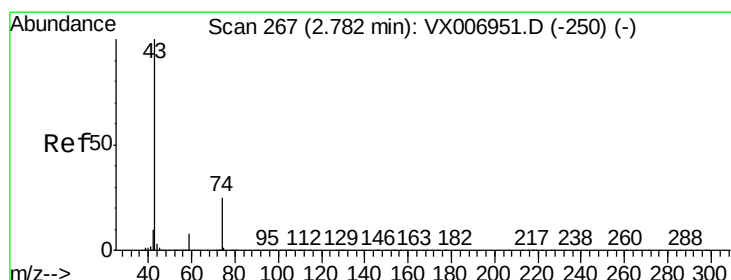
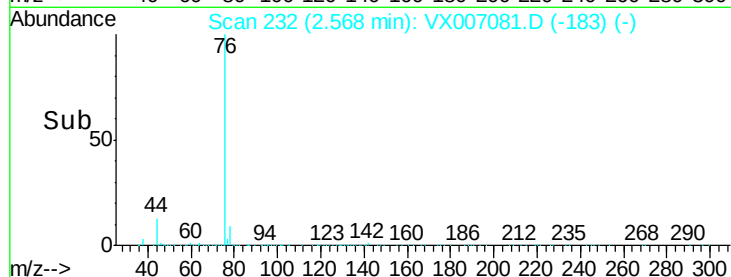
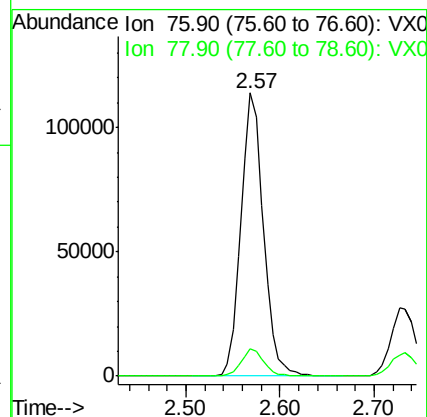
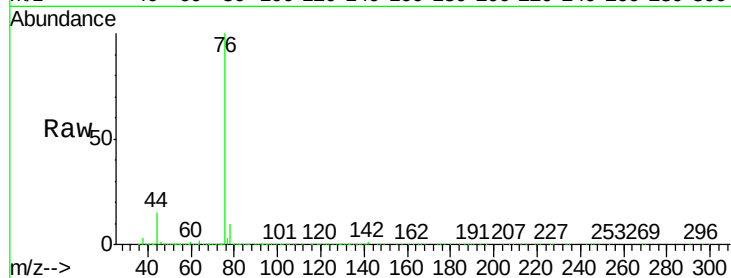
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 20.445 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007081.D

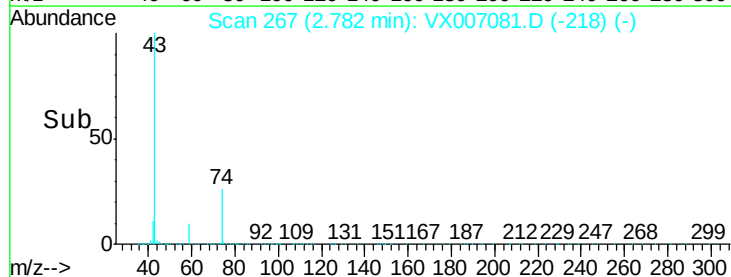
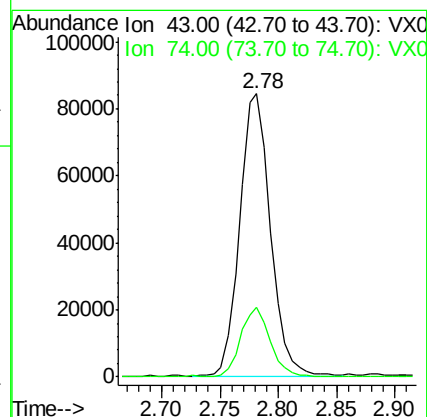
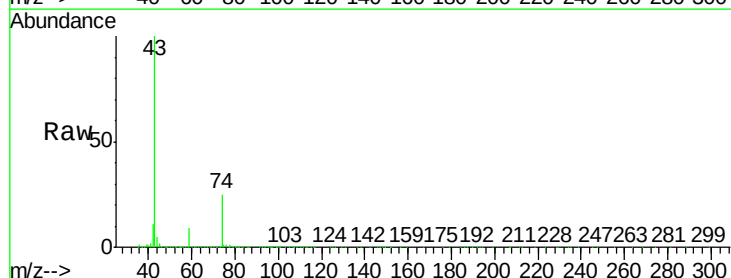
Acq: 17 Jan 2019 11:50

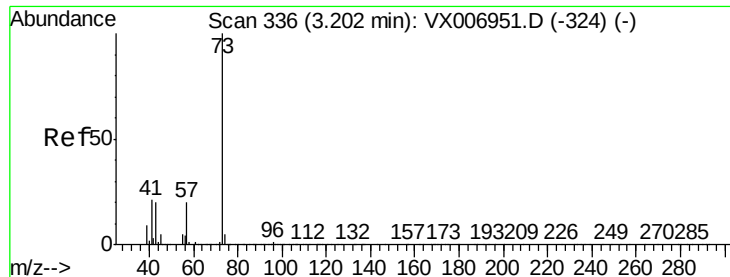
Tgt Ion: 43 Resp: 154147

Ion Ratio Lower Upper

43 100

74 23.4 18.6 28.0





#19

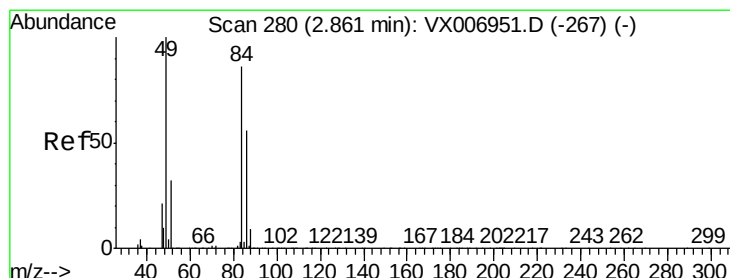
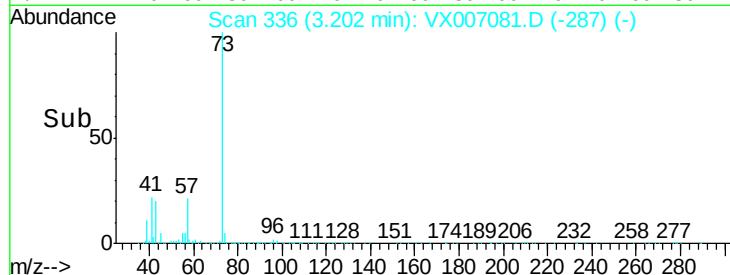
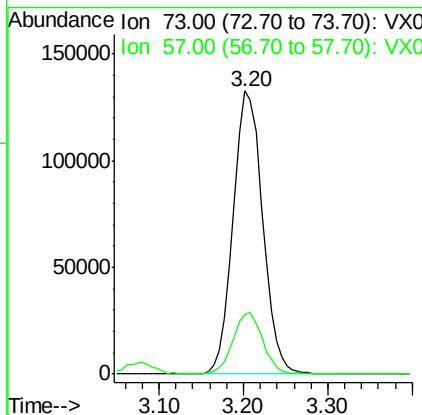
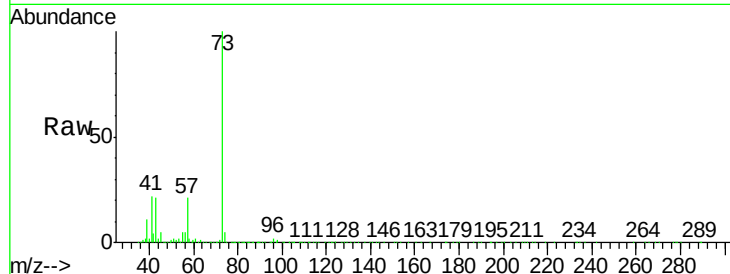
Methyl tert-butyl Ether
 Concen: 19.504 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2

Manual Integrations
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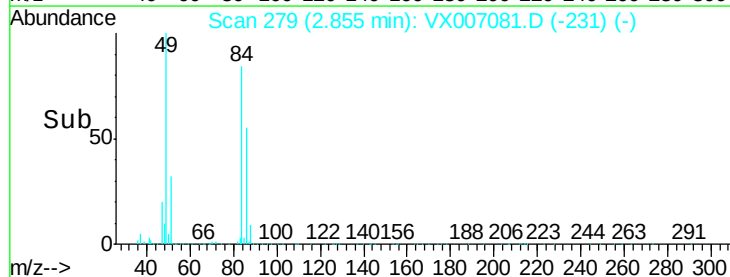
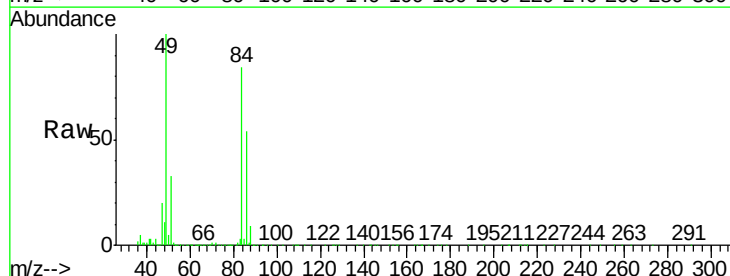
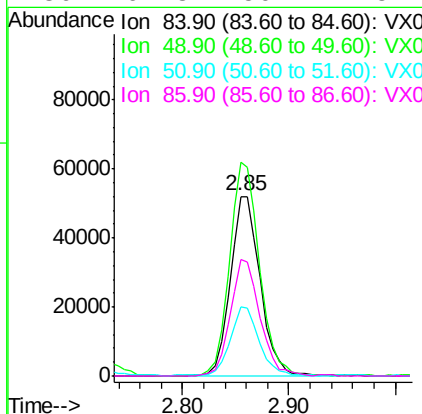
MMDadoda
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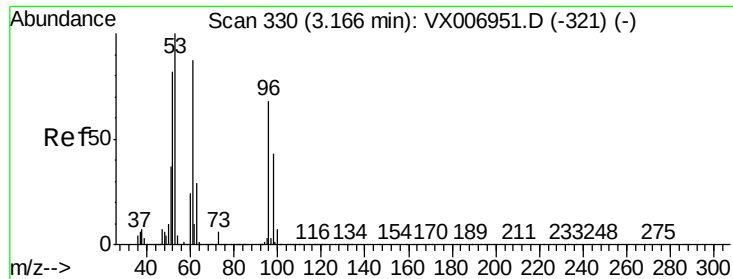


#20

Methylene Chloride
 Concen: 20.273 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	91.8	137.6
51	38.3	28.5	42.7
86	64.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 18.090 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

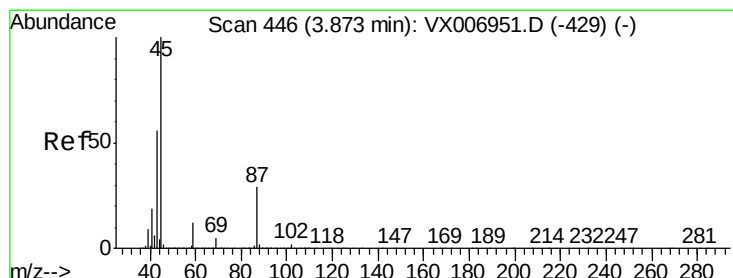
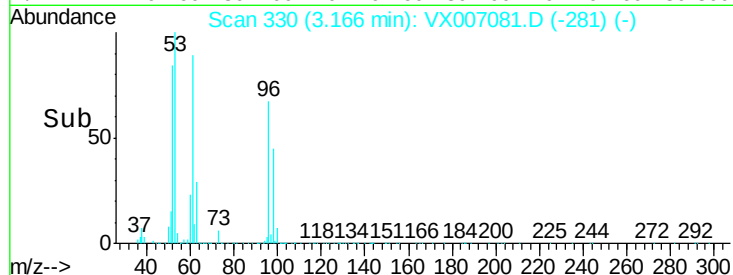
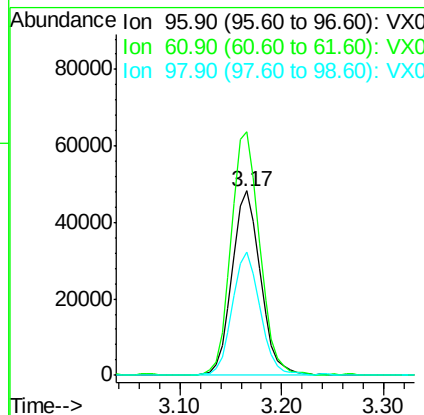
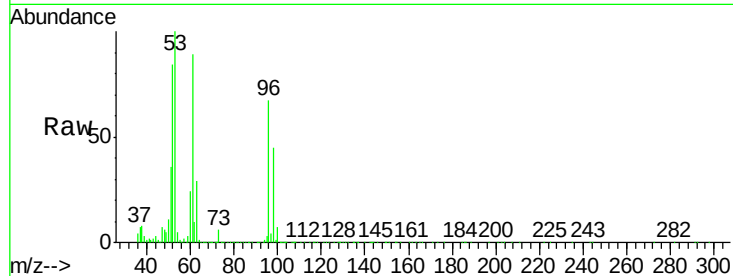
ClientSampleId :

VX0117MBS01

Tot Ion:	96	Resp:	93365
Ion	Ratio	Lower	Upper
96	100		
61	131.7	103.7	155.5
98	66.2	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.385 ug/l

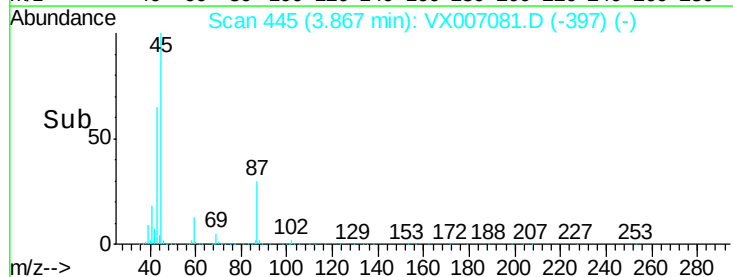
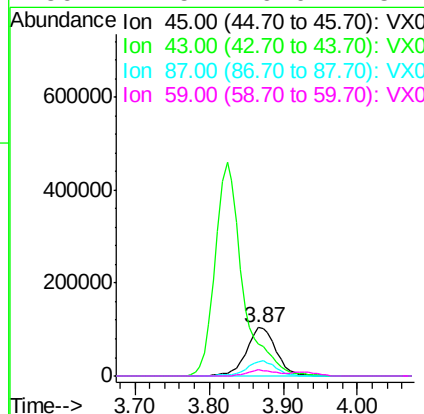
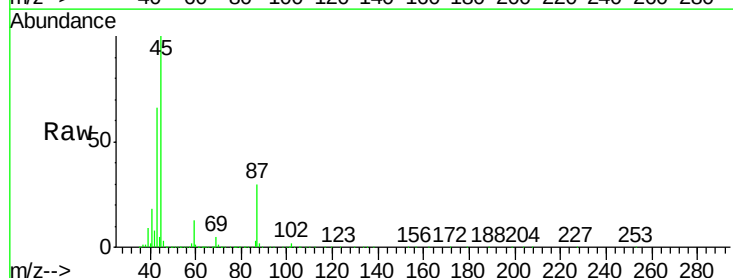
RT: 3.87 min Scan# 445

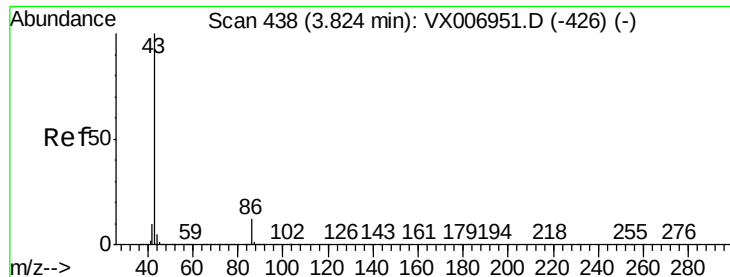
Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	45	Resp:	289257
Ion	Ratio	Lower	Upper
45	100		
43	64.9	51.2	76.8
87	29.7	25.8	38.6
59	12.5	9.0	13.4





#23

Vinyl Acetate

Concen: 93.362 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 43 Resp: 1174844

Ion Ratio Lower Upper

43 100

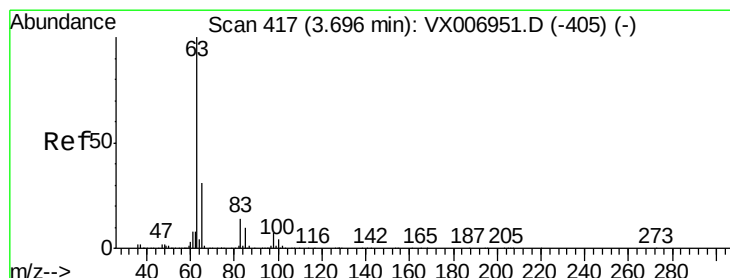
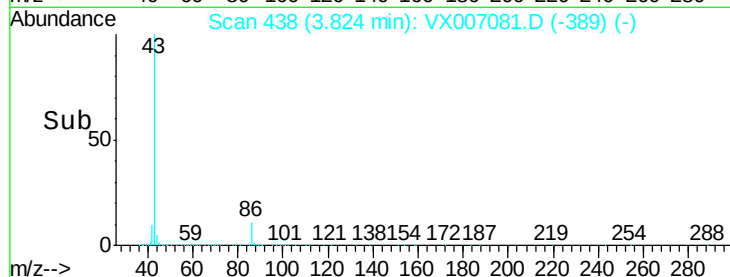
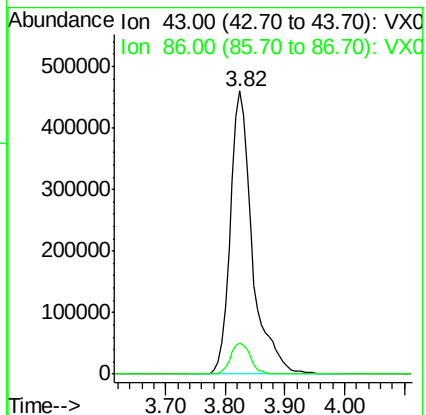
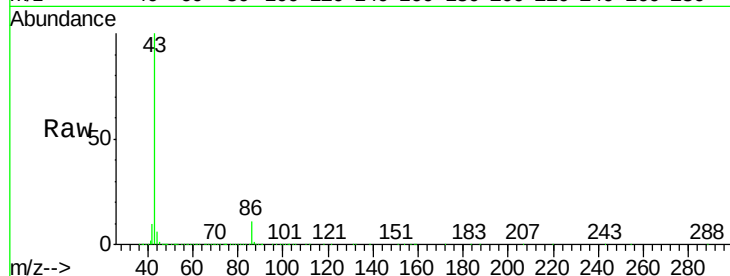
86 11.0 9.2 13.8

Manual Integrations

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MMDadoda

1/18/2019 10:23:27 AM



#24

1,1-Dichloroethane

Concen: 19.422 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

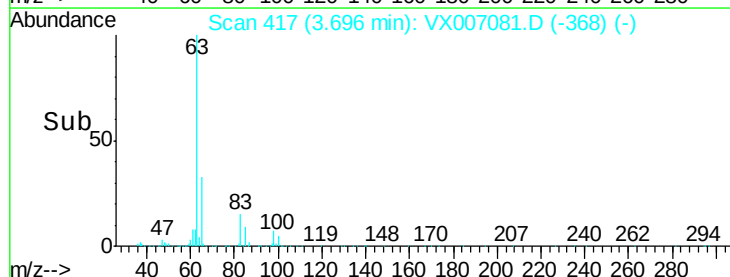
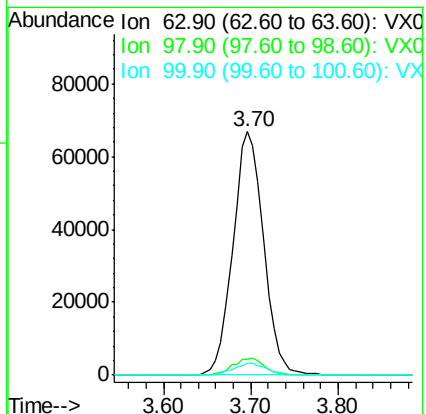
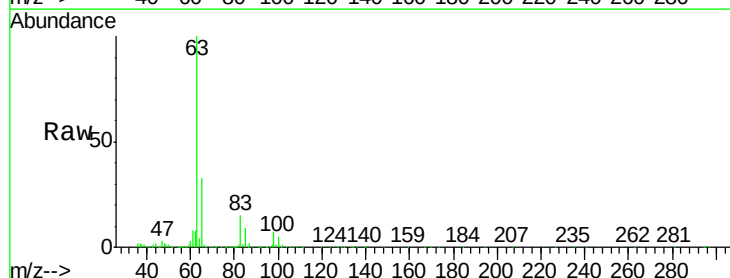
Tgt Ion: 63 Resp: 162051

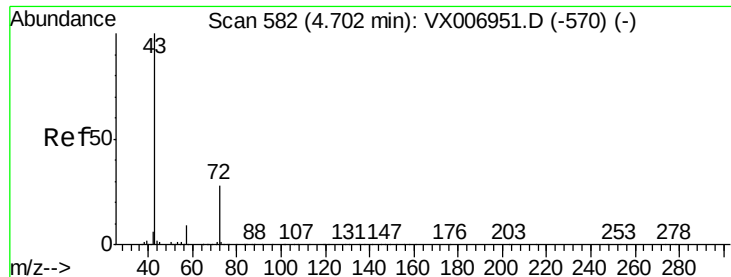
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 99.185 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 43 Resp: 369483

Ion Ratio Lower Upper

43 100

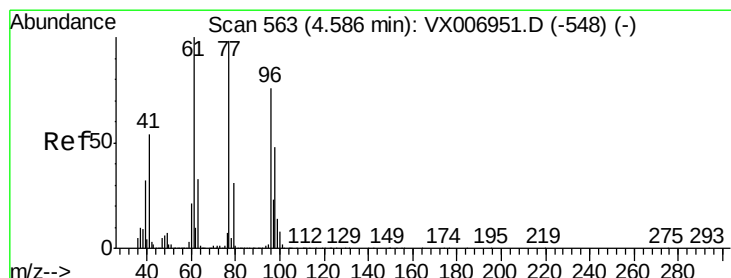
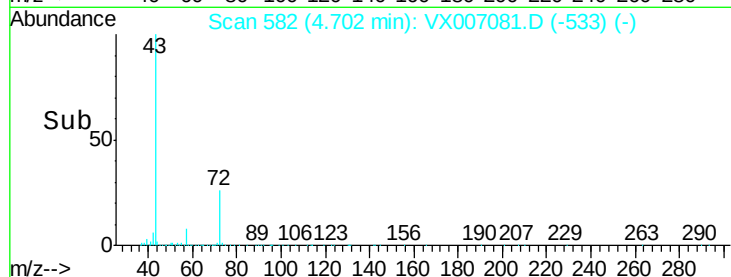
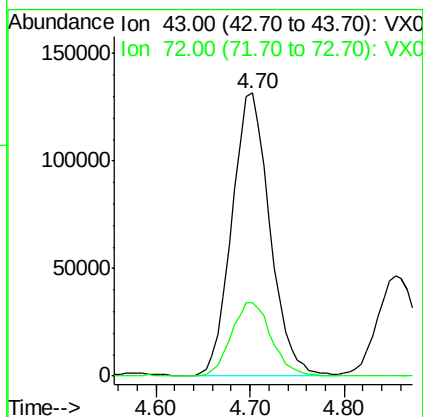
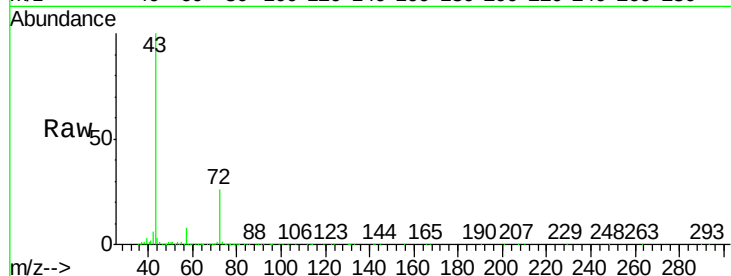
72 26.0 22.4 33.6

Manual Integrations

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1/18/2019 10:23:27 AM



#26

2,2-Dichloropropane

Concen: 18.494 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007081.D

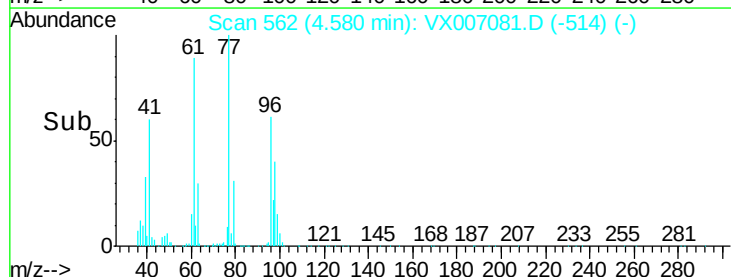
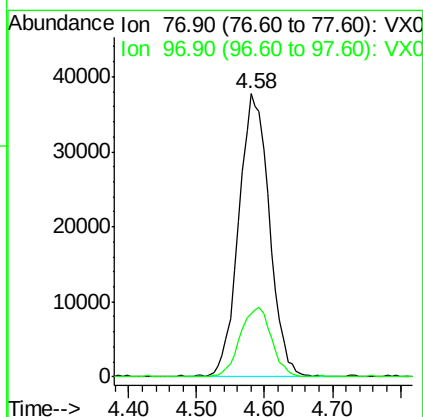
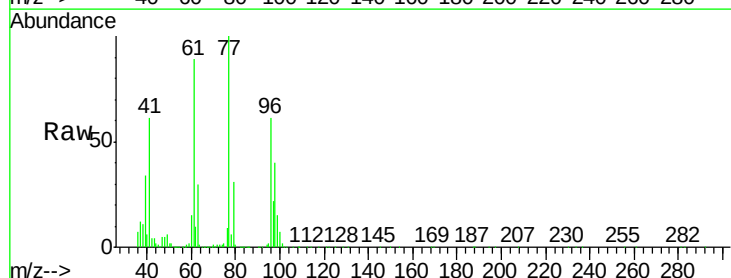
Acq: 17 Jan 2019 11:50

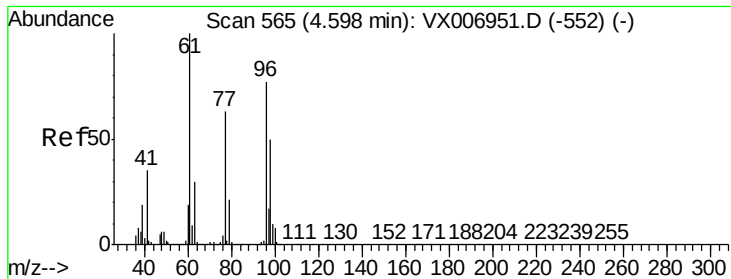
Tgt Ion: 77 Resp: 118657

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.4





#27

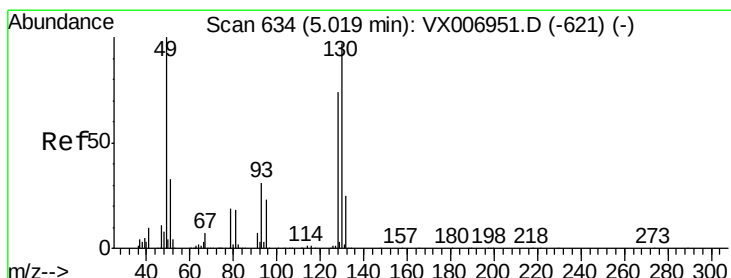
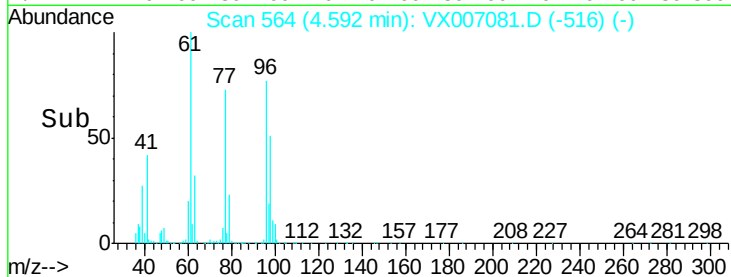
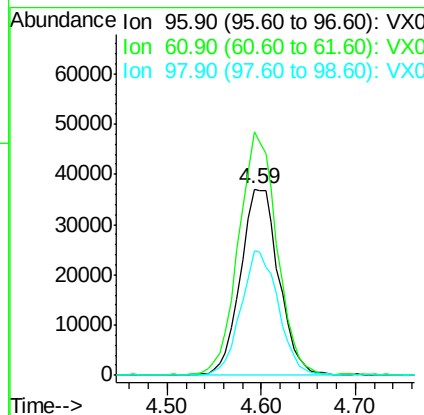
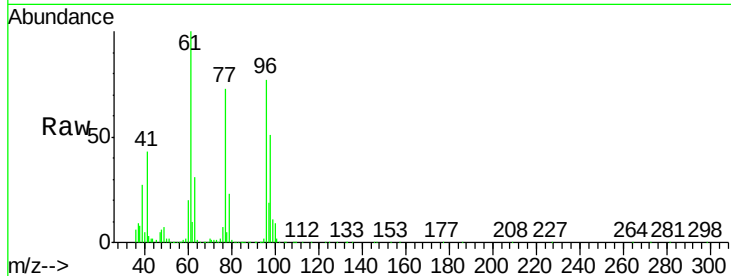
cis-1,2-Dichloroethene
Concen: 18.597 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.8	0.0	258.6	
98	65.2	0.0	132.0	

Manual Integrations
APPROVED

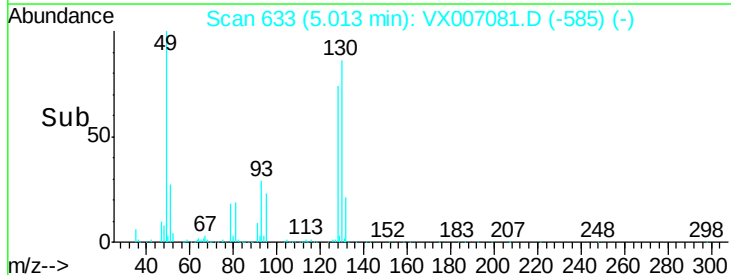
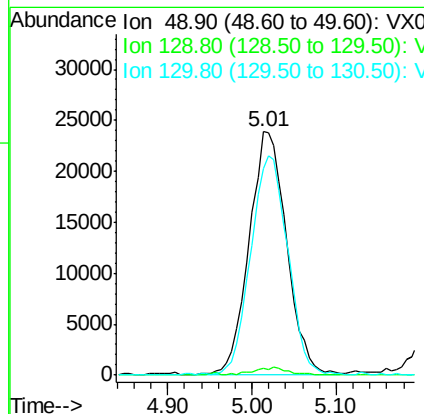
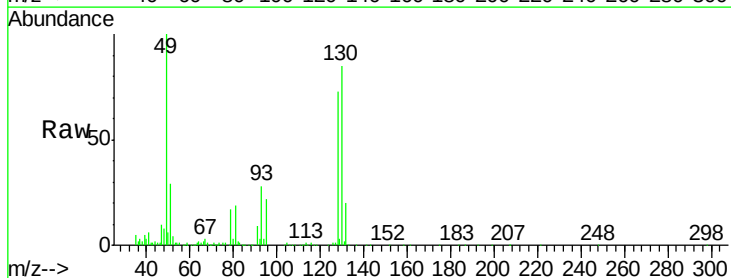
MMDadoda
1/18/2019 10:23:27 AM

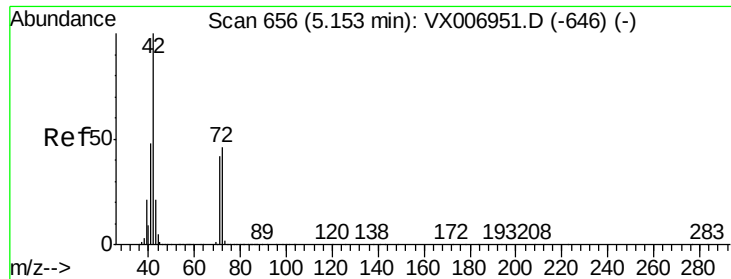


#28

Bromochloromethane
Concen: 19.888 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.0	0.0	5.4	
130	89.1	77.7	116.5	





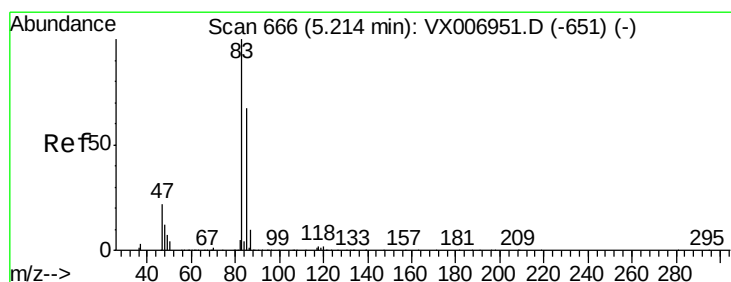
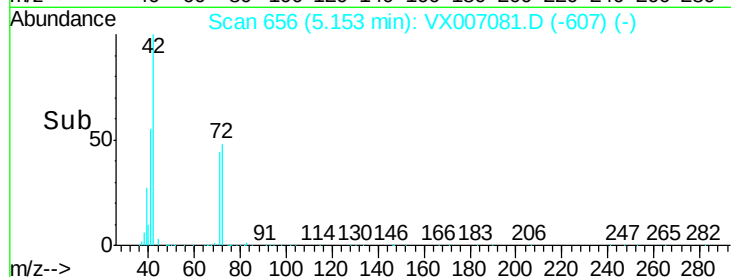
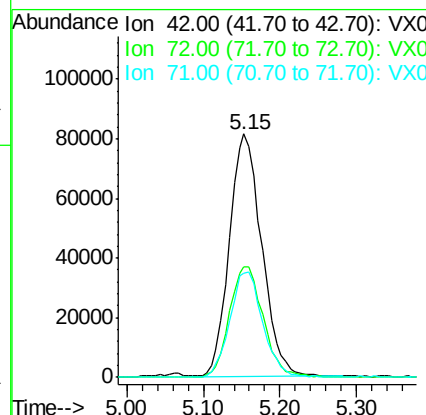
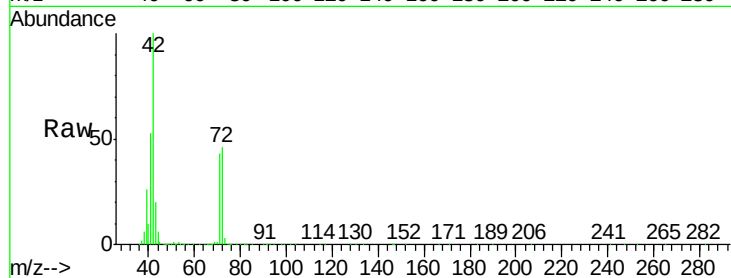
#29
Tetrahydrofuran
Concen: 98.866 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.9	58.3
71	43.5	36.2	54.4

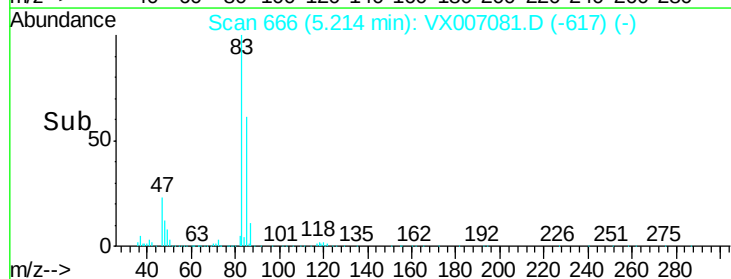
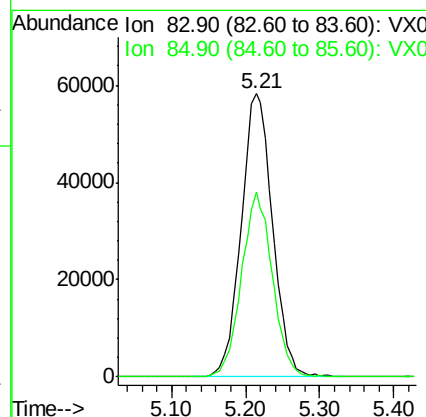
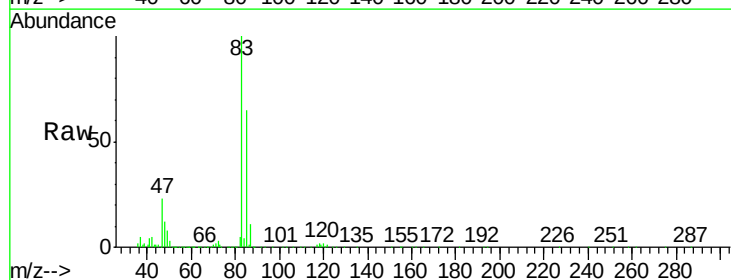
Manual Integrations
APPROVED

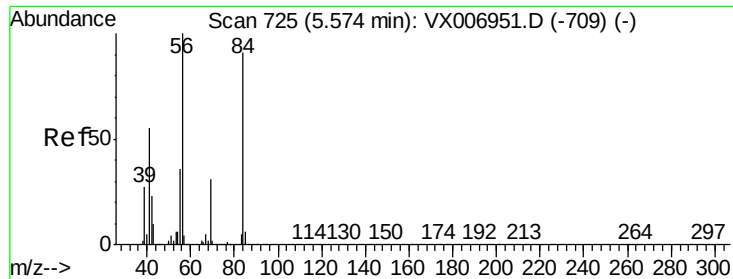
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#30
Chloroform
Concen: 19.709 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8





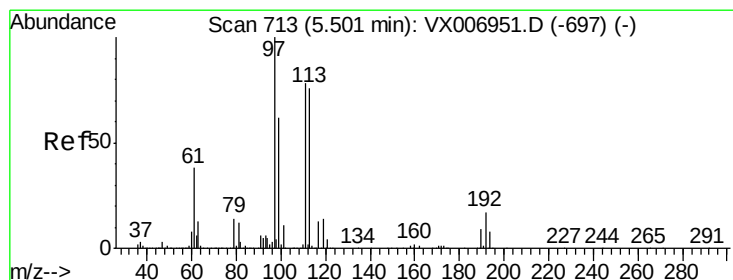
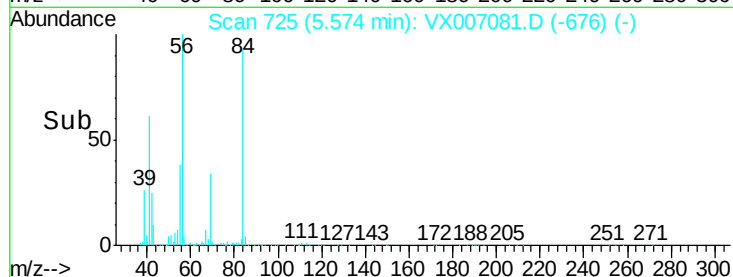
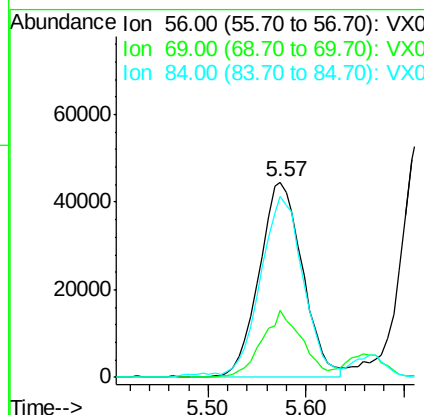
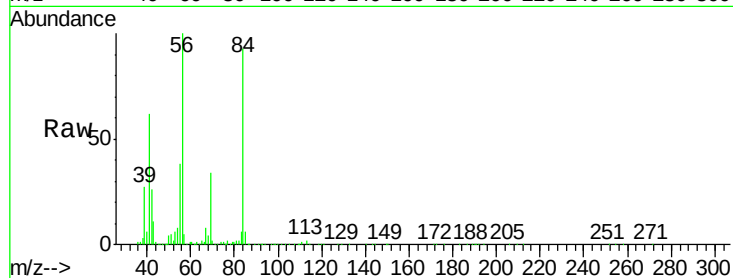
#31
Cyclohexane
Concen: 18.544 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.4	36.6
84	91.2	70.0	105.0

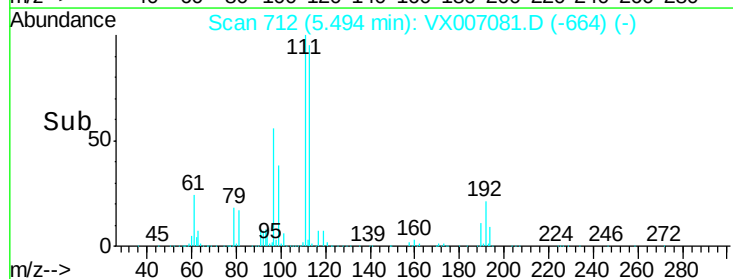
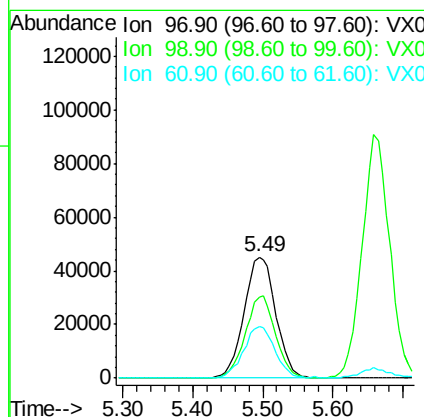
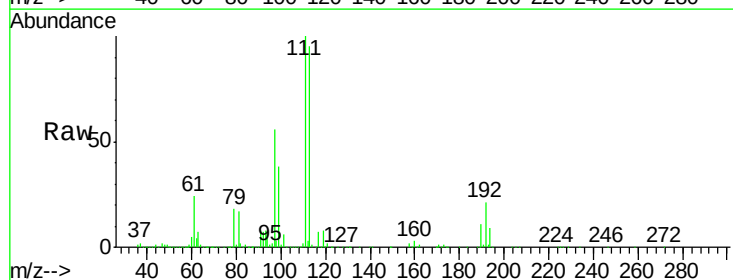
Manual Integrations
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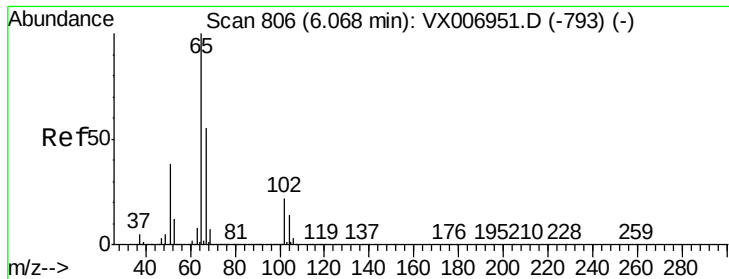
MMDadoda
1/18/2019 10:23:27 AM



#32
1,1,1-Trichloroethane
Concen: 19.167 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	41.5	31.3	46.9





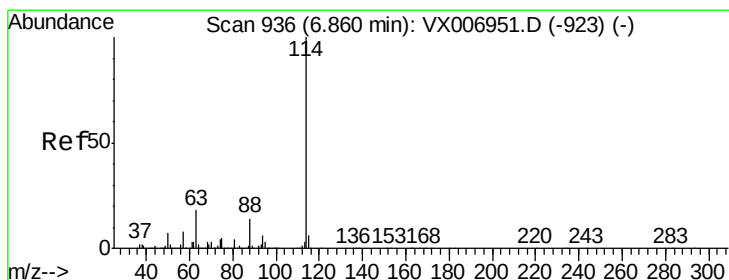
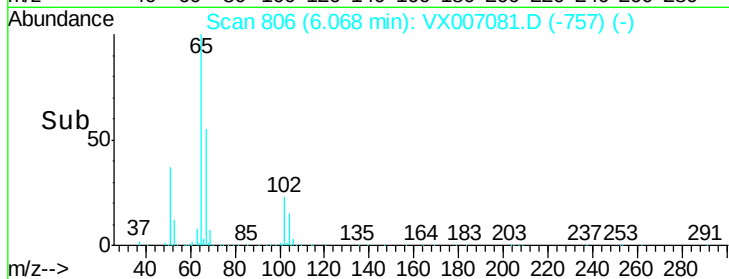
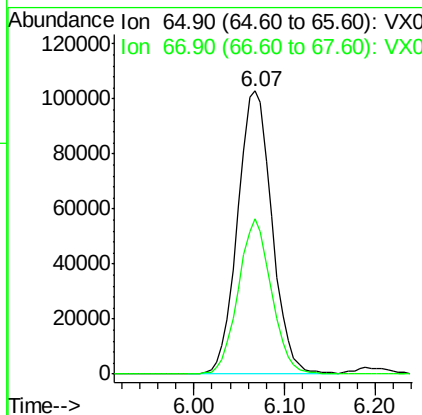
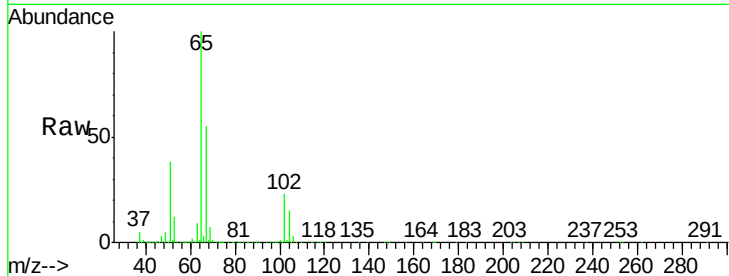
#33
 1,2-Dichloroethane-d4
 Concen: 51.179 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	269520		
67	53.2	0.0	105.0	

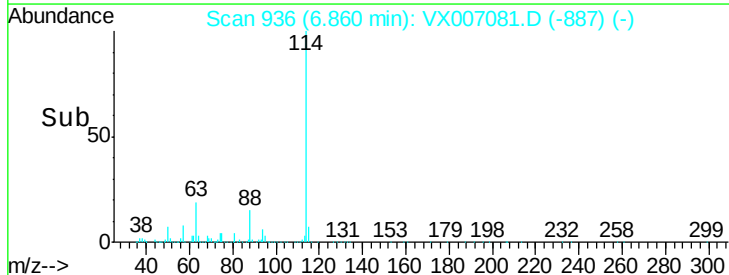
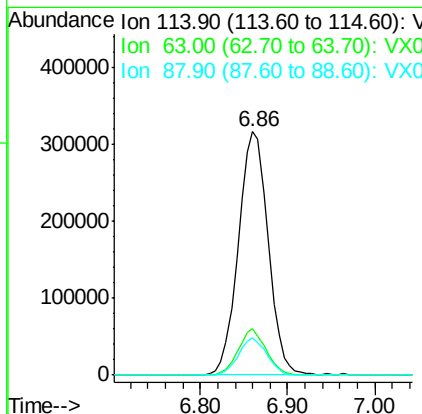
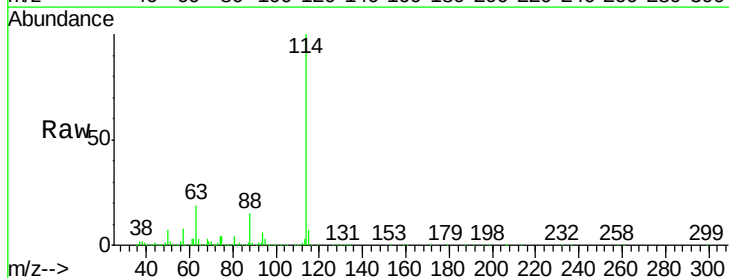
Manual Integrations
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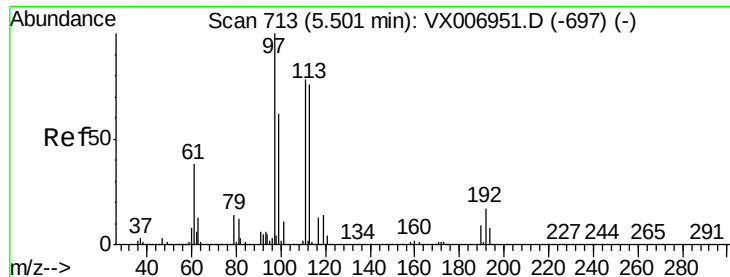
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	749018		
63	18.8	0.0	34.8	
88	15.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 50.116 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

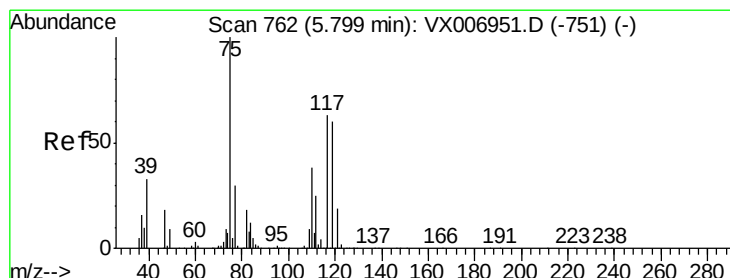
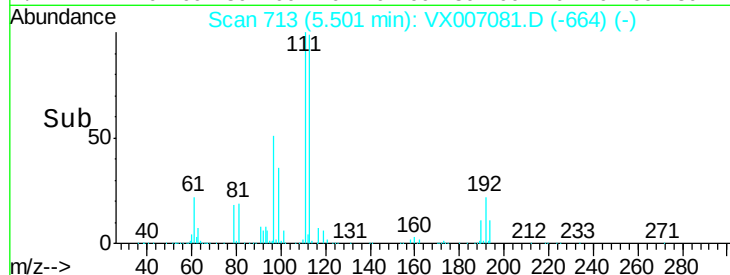
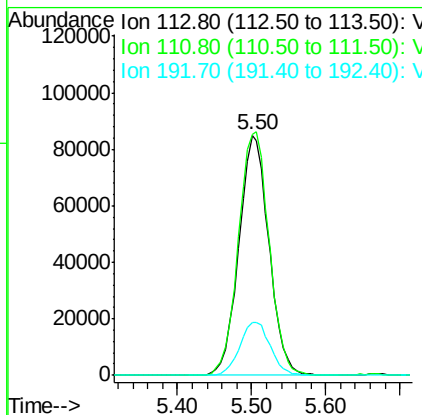
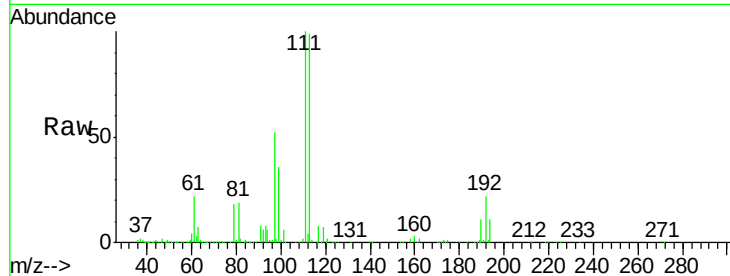
ClientSampleId :

VX0117MBS01

Tot Ion:	113	Resp:	240388
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.6	122.4
192	22.6	16.7	25.1

Manual Integrations
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1/18/2019 10:23:27 AM



#36

1,1-Dichloropropene

Concen: 18.317 ug/l

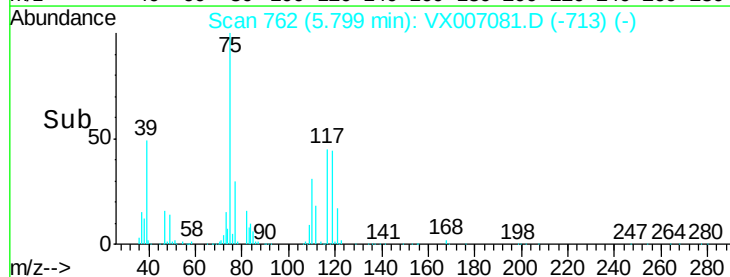
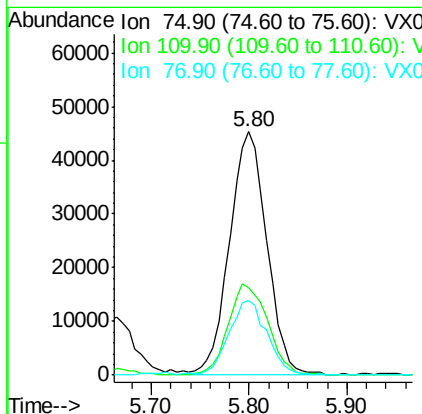
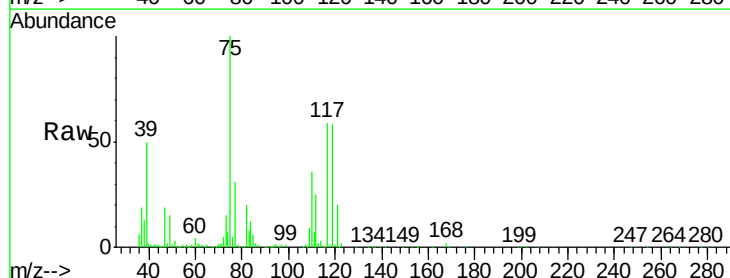
RT: 5.80 min Scan# 762

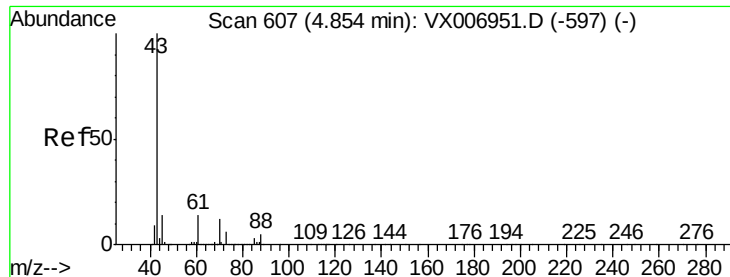
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	75	Resp:	119280
Ion Ratio	Lower	Upper	
75	100		
110	40.1	20.2	60.5
77	31.1	24.8	37.2





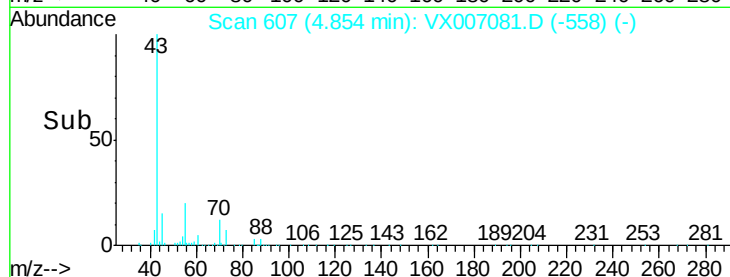
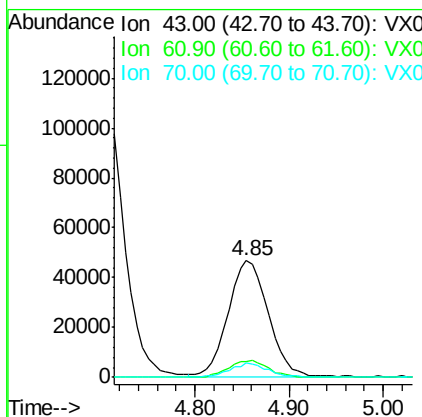
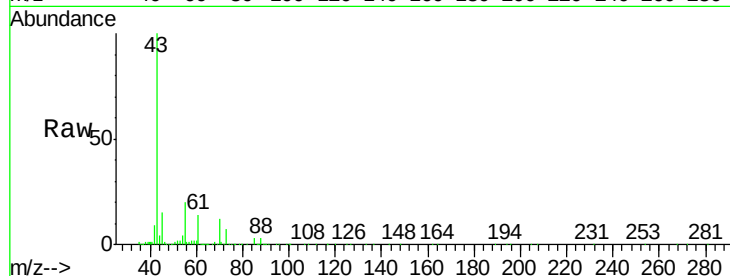
#37
Ethyl Acetate
Concen: 19.597 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.9	17.9
70	11.7	9.7	14.5

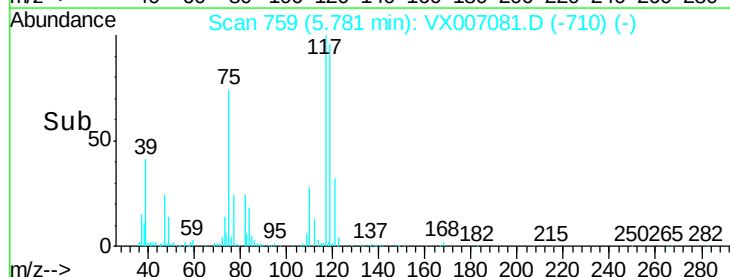
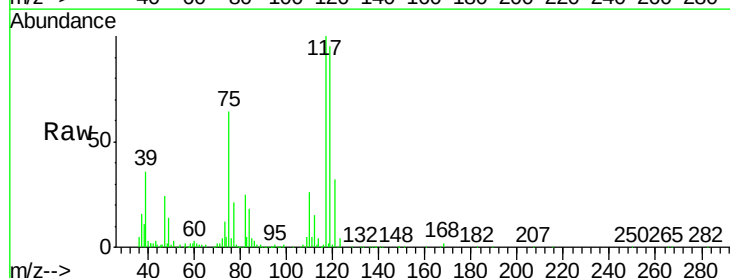
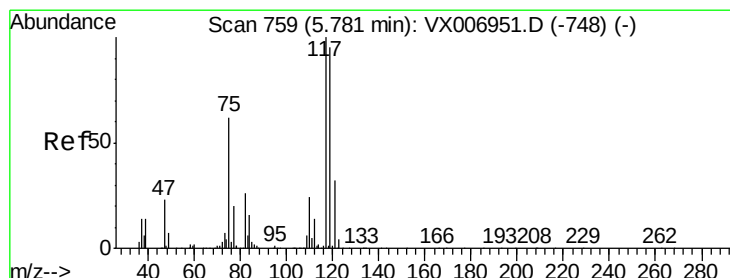
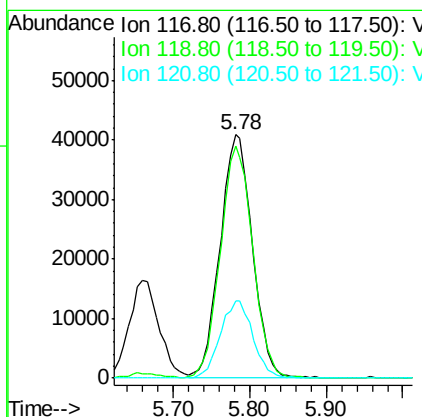
Manual Integrations
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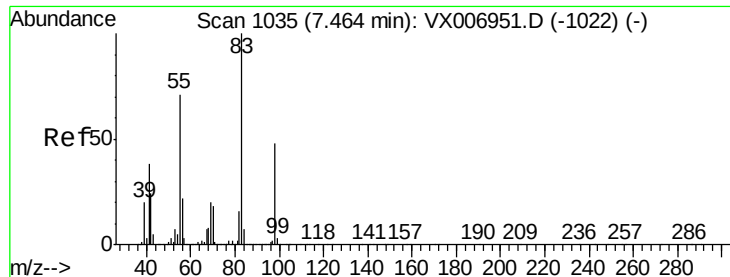
MMDadoda
1/18/2019 10:23:27 AM



#38
Carbon Tetrachloride
Concen: 18.252 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.2
121	31.8	24.0	36.0





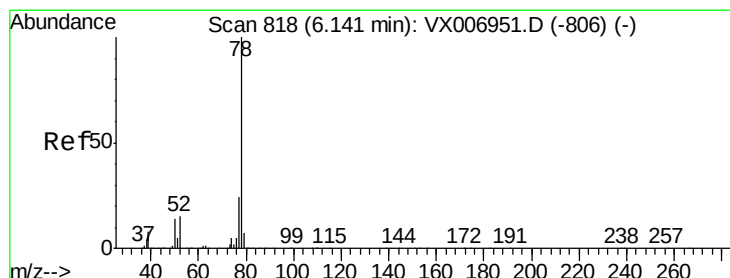
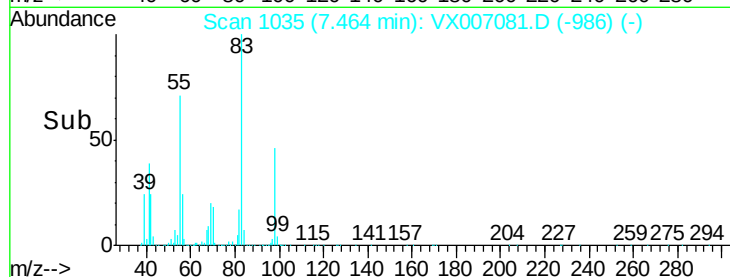
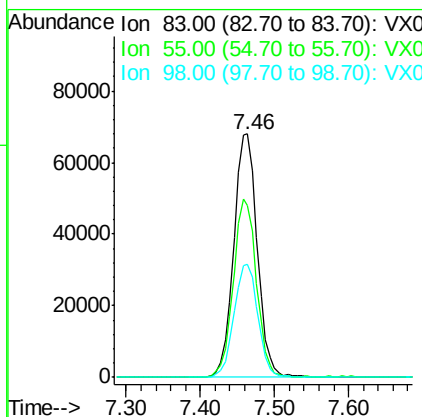
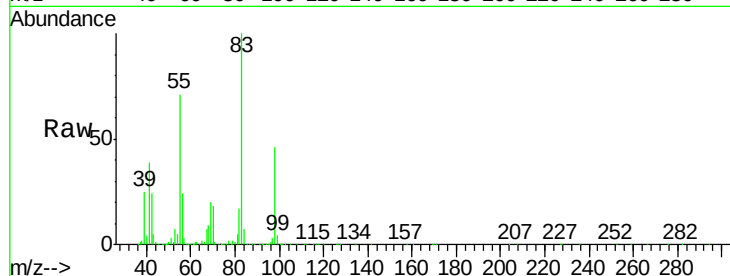
#39
Methylvlcyclohexane
Concen: 18.157 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.9	54.9	82.3
98	46.3	37.9	56.9

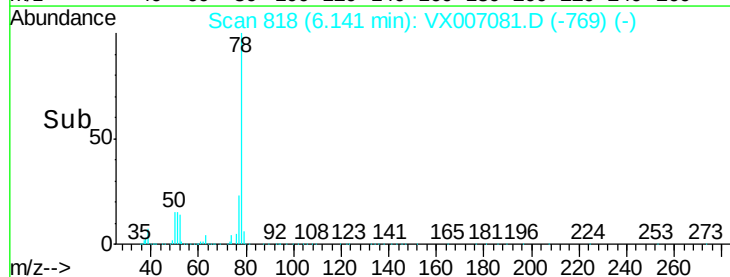
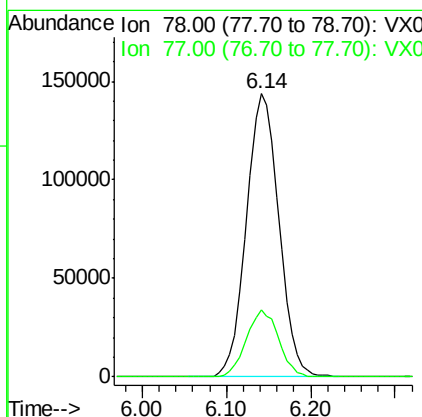
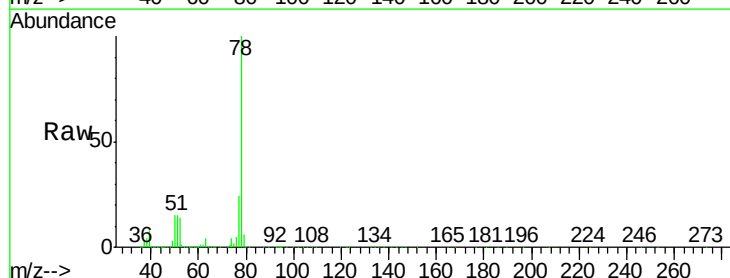
Manual Integrations
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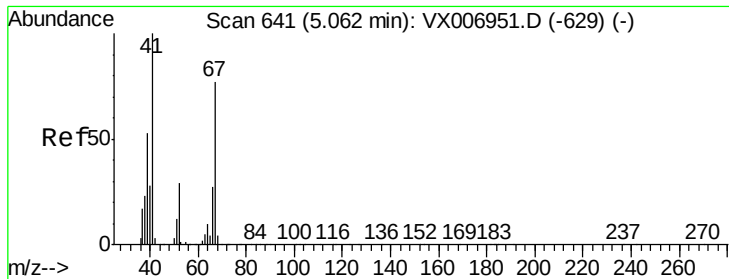
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#40
Benzene
Concen: 18.896 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 18.922 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

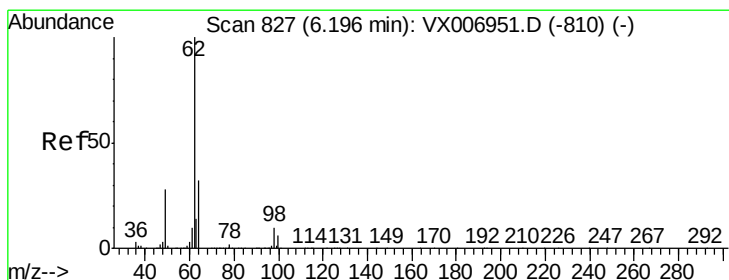
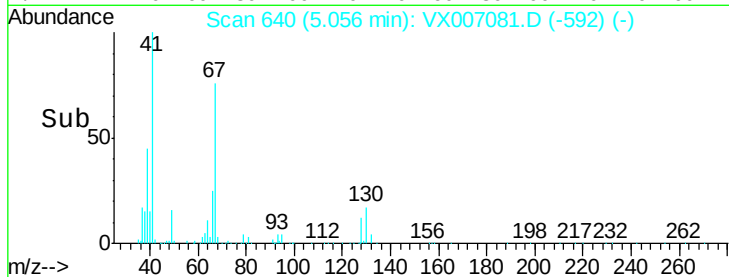
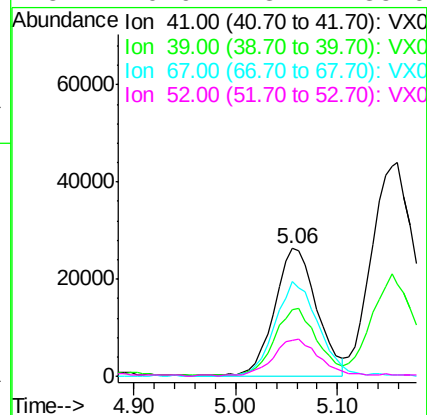
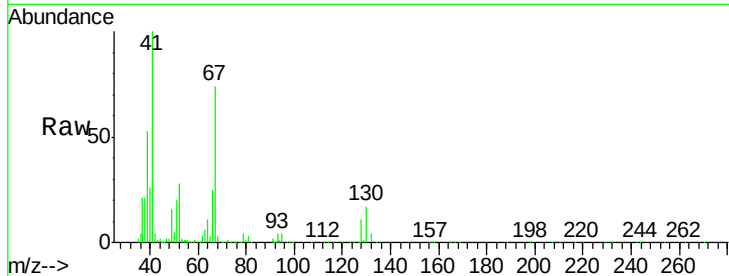
ClientSampleId :

VX0117MBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	42.8	64.2	
67	75.4	62.1	93.1	
52	29.9	23.4	35.0	

Manual Integrations
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1/18/2019 10:23:27 AM



#42

1,2-Dichloroethane

Concen: 18.879 ug/l

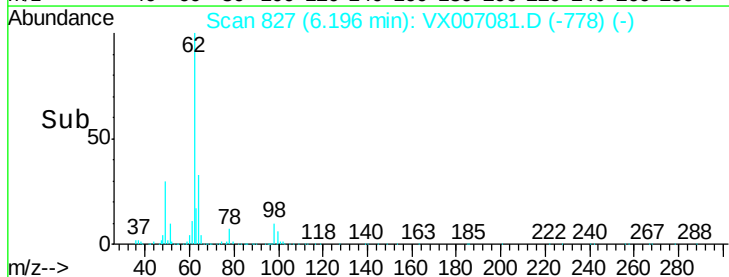
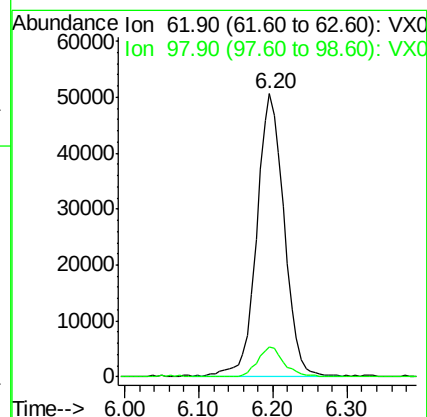
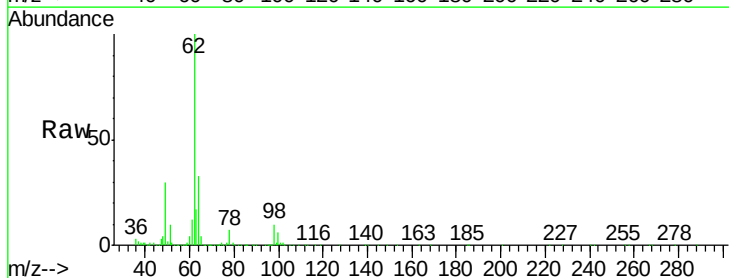
RT: 6.20 min Scan# 827

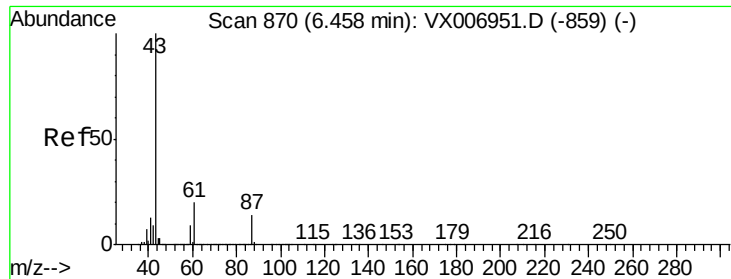
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.2	





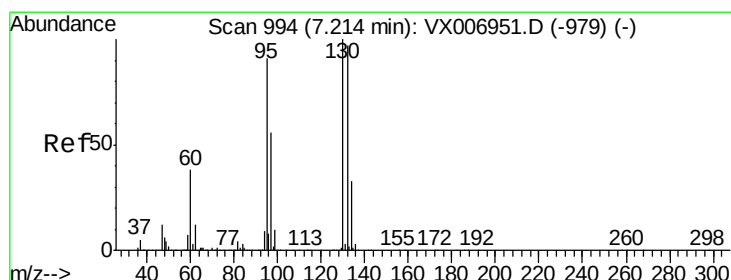
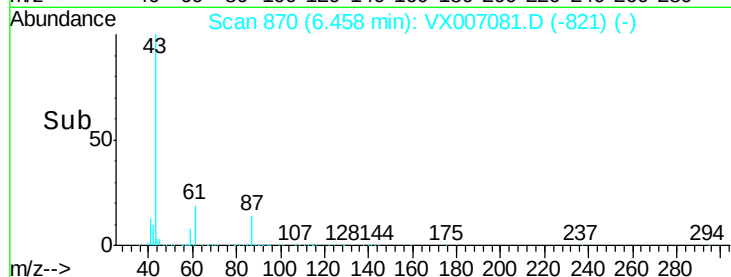
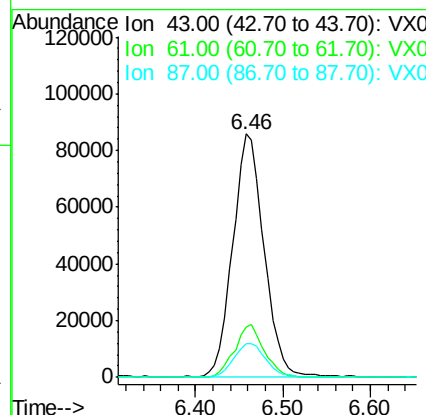
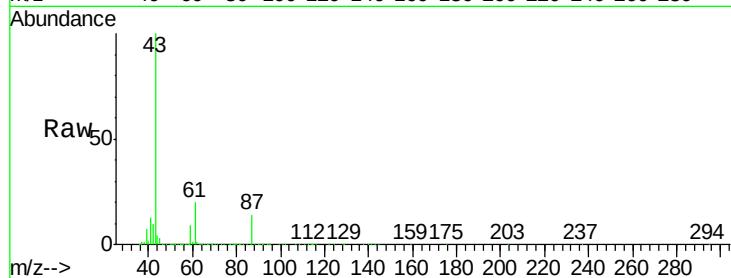
#43
Isopropyl Acetate
Concen: 19.345 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.4	12.4	18.6

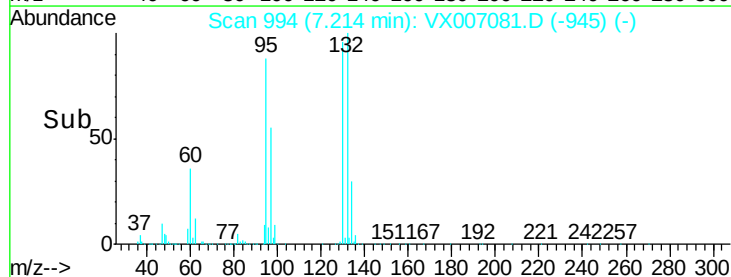
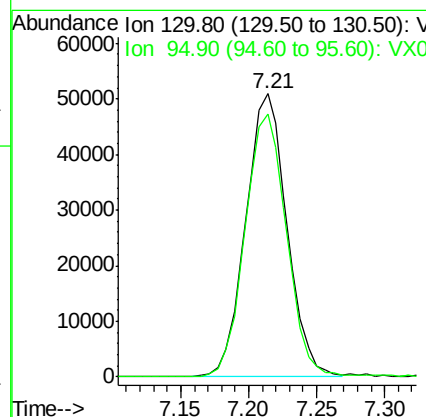
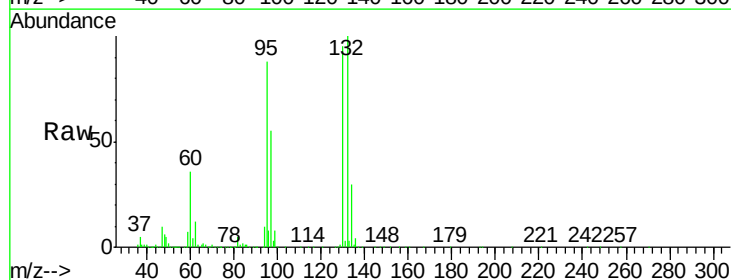
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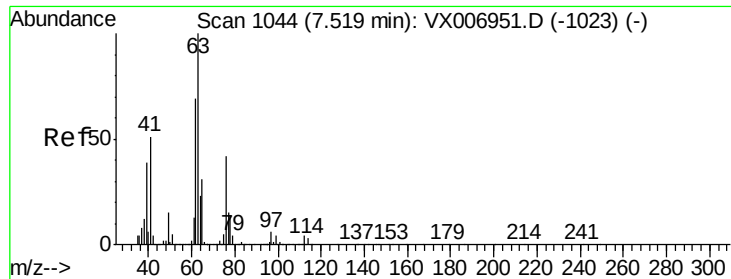
MMDadoda
1/18/2019 10:23:27 AM



#44
Trichloroethene
Concen: 18.119 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	187.0





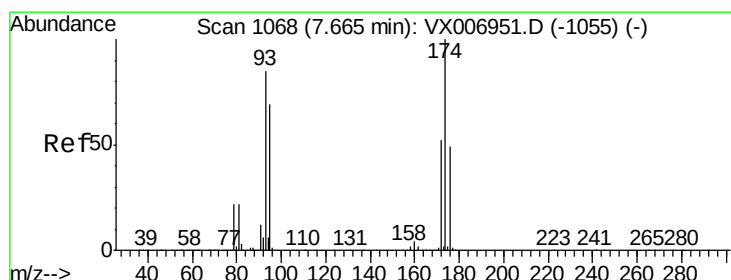
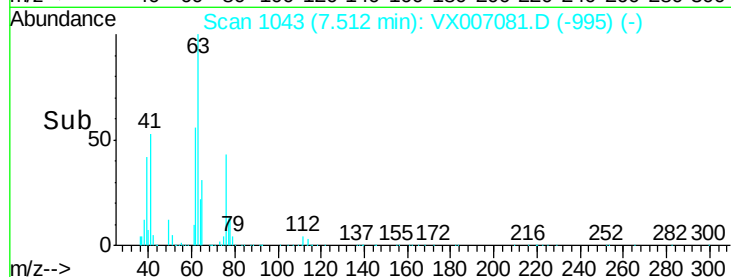
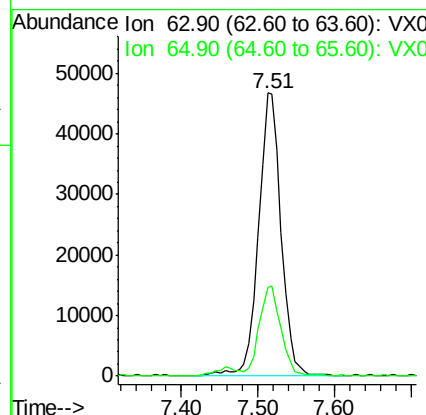
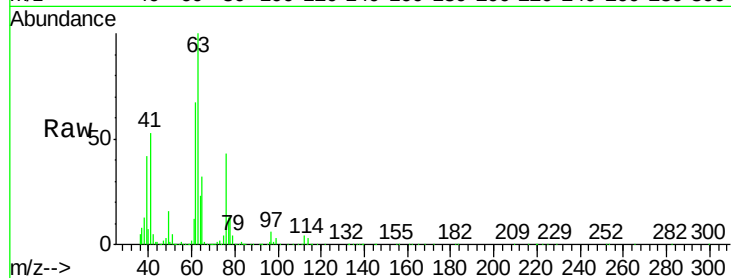
#45
 1,2-Dichloropropane
 Concen: 19.084 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.4	38.0

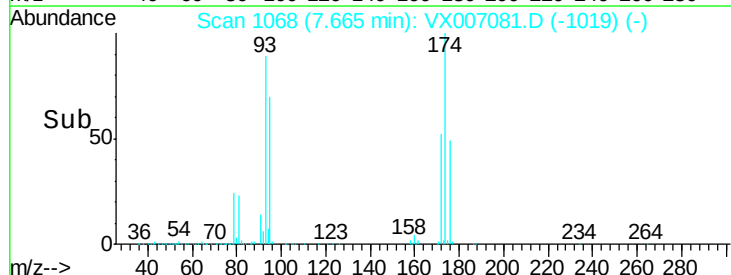
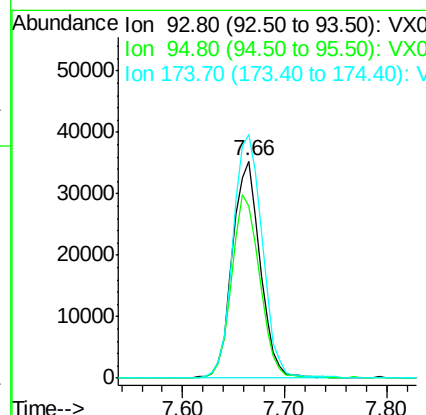
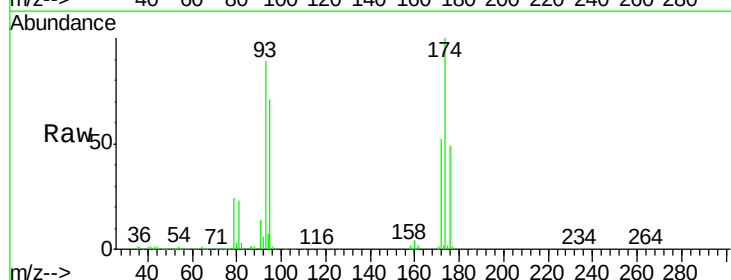
Manual Integrations
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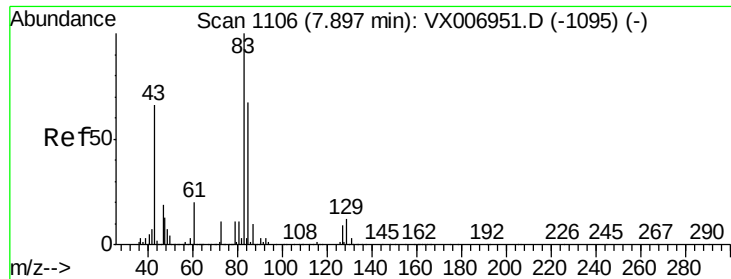
MMDadoda
 1/18/2019 10:23:27 AM



#46
 Dibromomethane
 Concen: 19.002 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.2	99.4
174	118.1	91.0	136.4





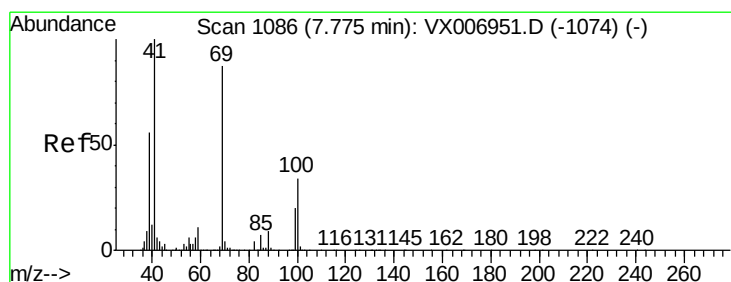
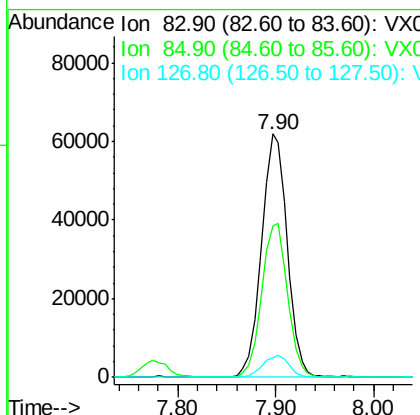
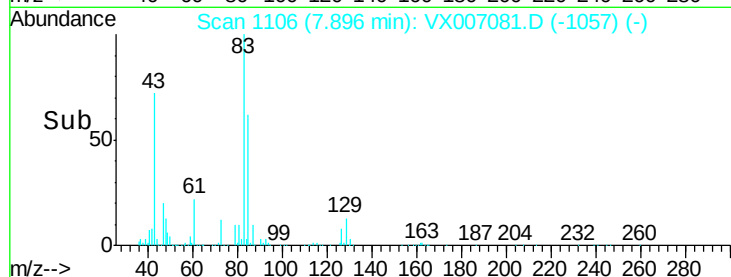
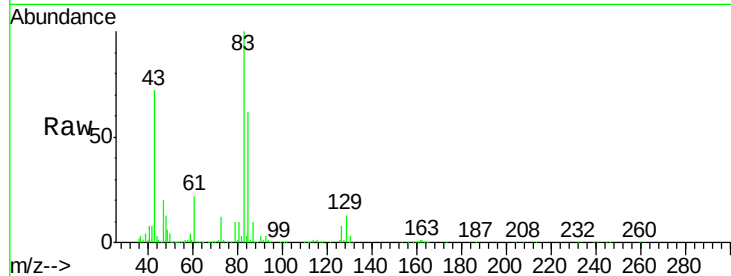
#47
Bromodichloromethane
Concen: 19.100 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	114141		
85	62.0	53.2	79.8	
127	8.2	7.8	11.6	

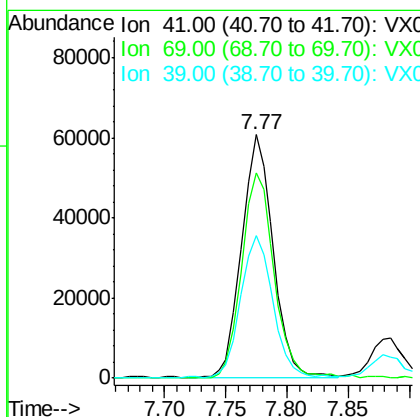
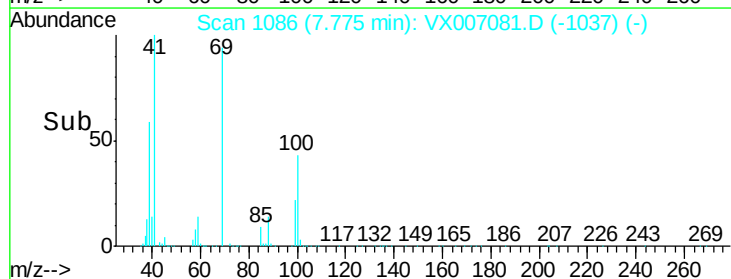
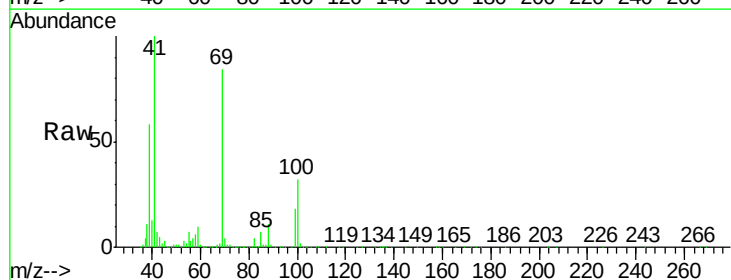
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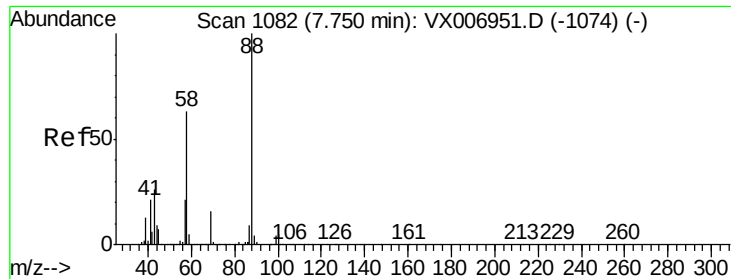
MMDadoda
1/18/2019 10:23:27 AM



#48
Methyl methacrylate
Concen: 19.110 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	108072		
69	87.6	72.4	108.6	
39	59.5	45.8	68.8	





#49

1,4-Dioxane

Concen: 402.742 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

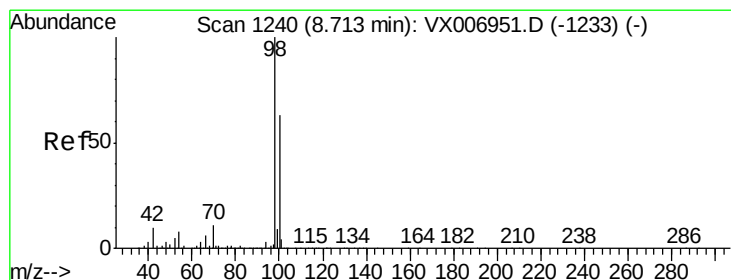
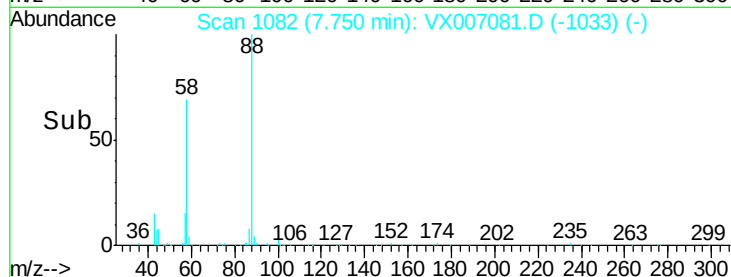
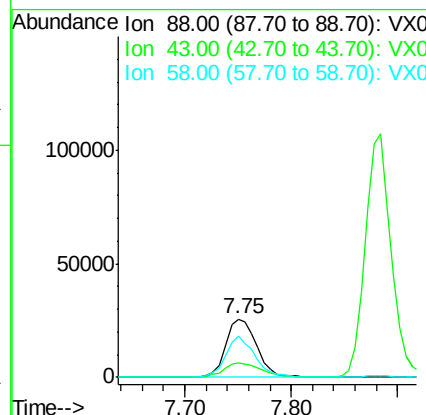
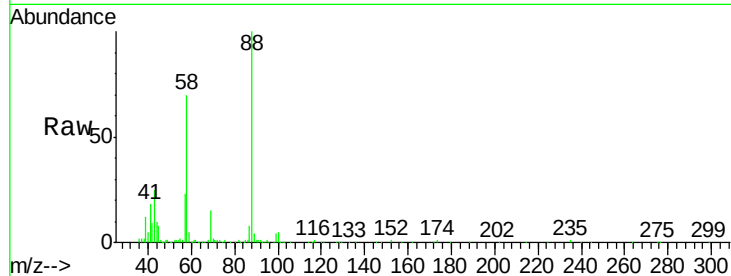
ClientSampleId :

VX0117MBS01

Tot Ion:	88	Resp:	52676
Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.2	33.4
58	65.2	51.0	76.4

Manual Integrations
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#50

Toluene-d8

Concen: 51.137 ug/l

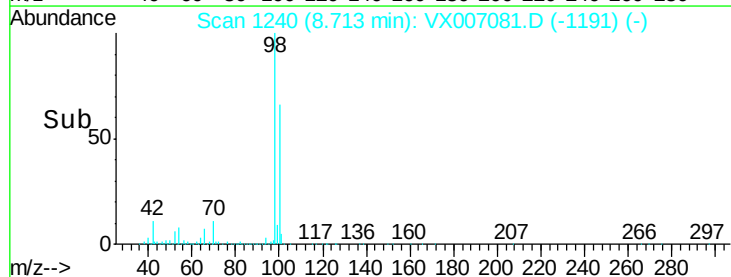
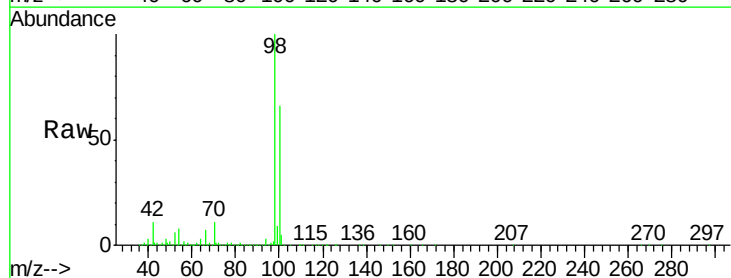
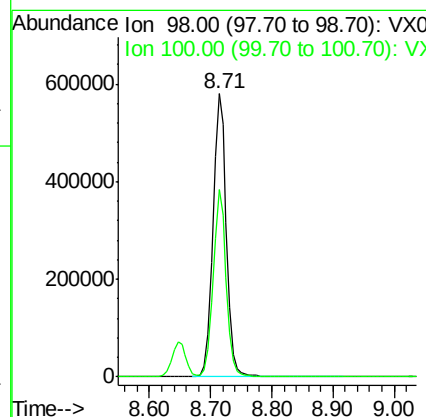
RT: 8.71 min Scan# 1240

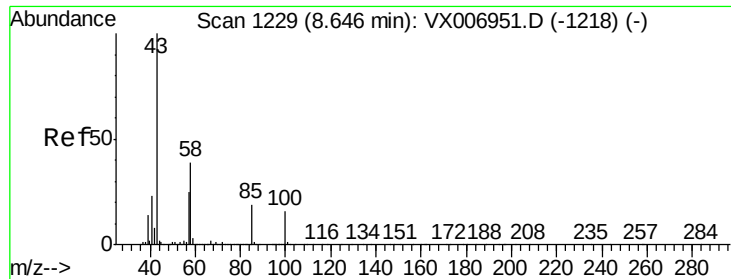
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	98	Resp:	897819
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 101.019 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0117MBS01

Tot Ion: 43 Resp: 714938

Ion Ratio Lower Upper

43 100

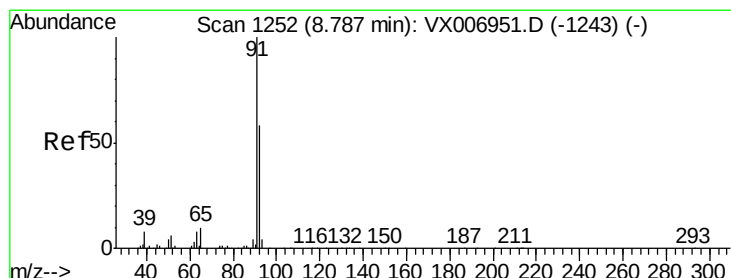
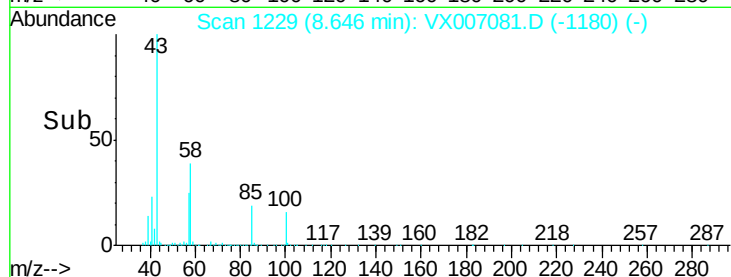
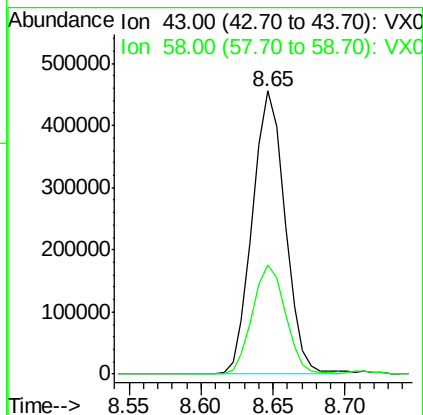
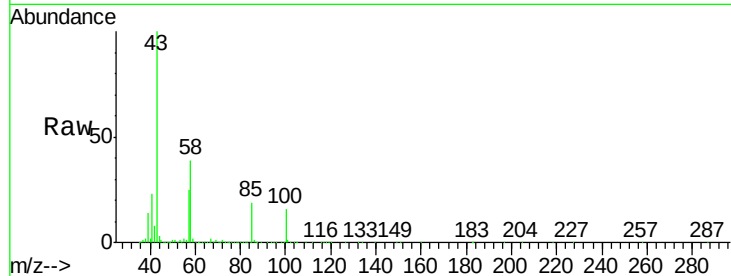
58 39.0 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 18.975 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007081.D

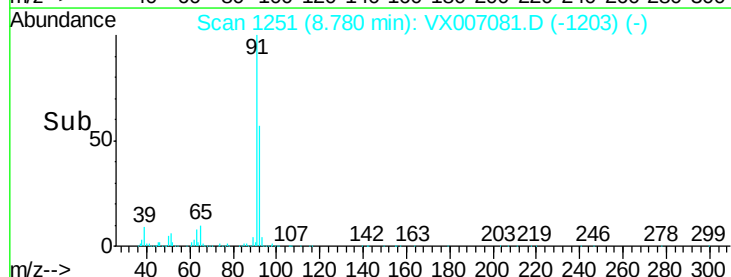
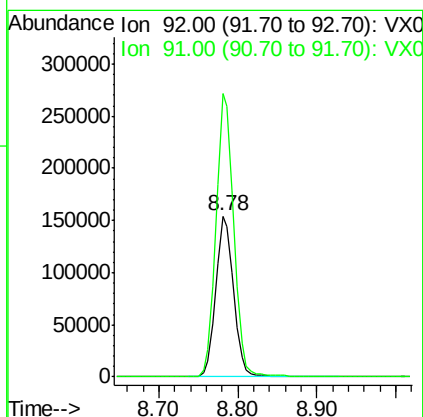
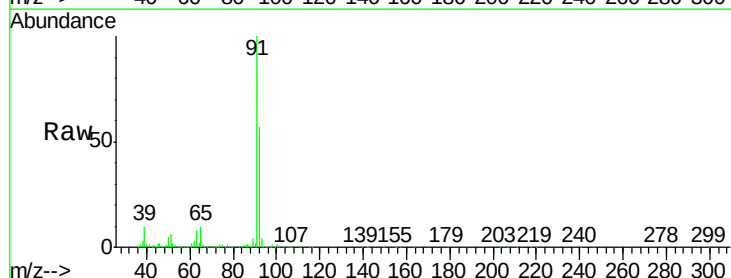
Acq: 17 Jan 2019 11:50

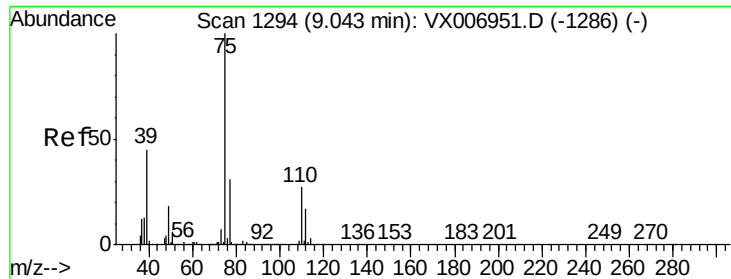
Tgt Ion: 92 Resp: 242341

Ion Ratio Lower Upper

92 100

91 176.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.307 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0117MBS01

Tot Ion: 75 Resp: 121315

Ion Ratio Lower Upper

75 100

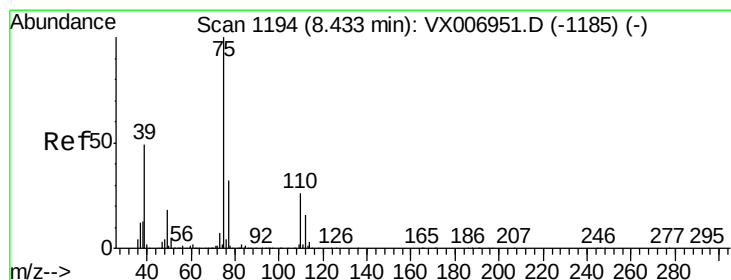
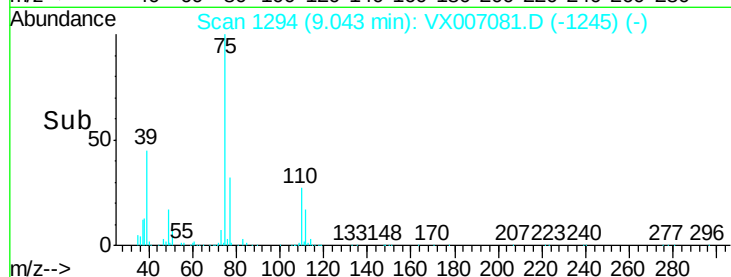
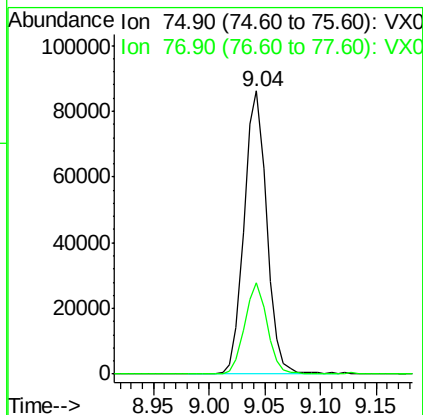
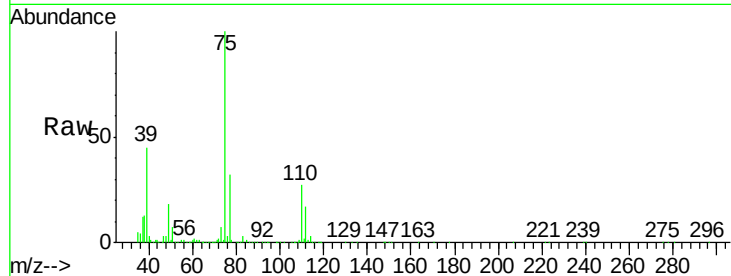
77 32.2 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.402 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

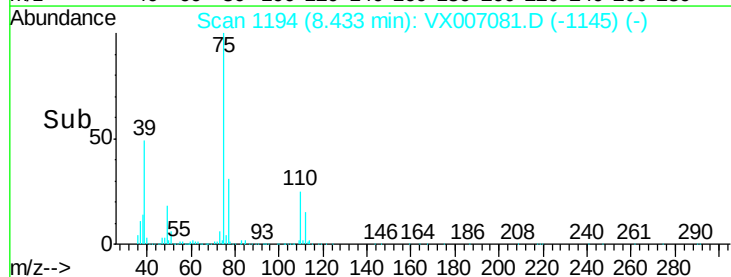
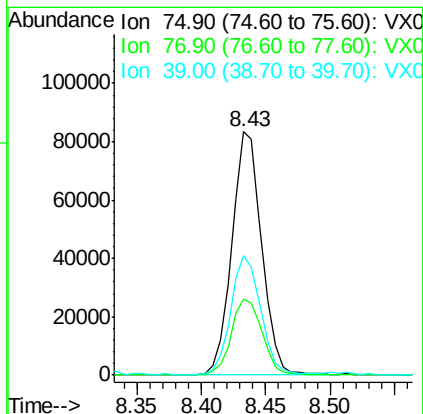
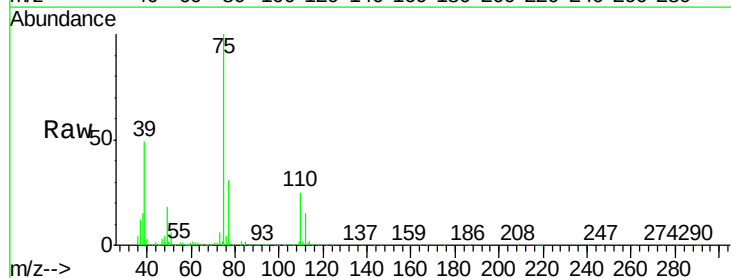
Tgt Ion: 75 Resp: 134666

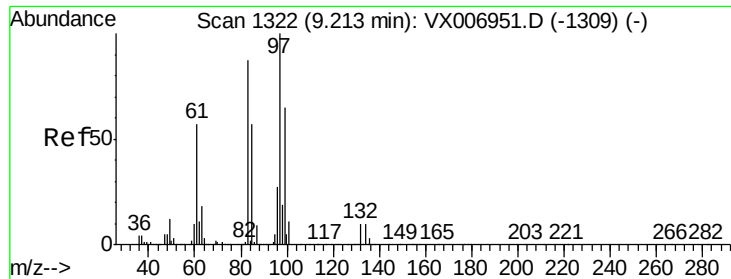
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

39 48.6 36.7 55.1





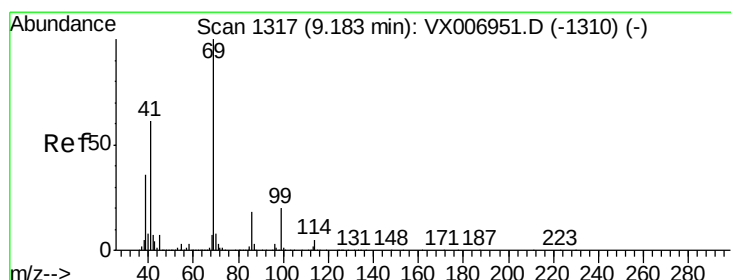
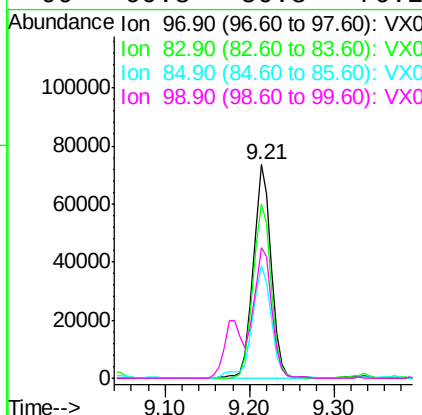
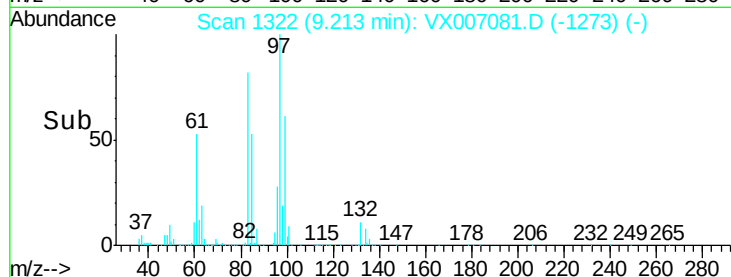
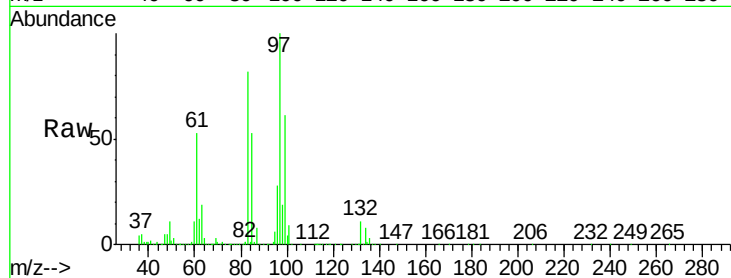
#55
 1,1,2-Trichloroethane
 Concen: 20.557 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.6	99.8
85	52.8	42.7	64.1
99	60.8	50.8	76.2

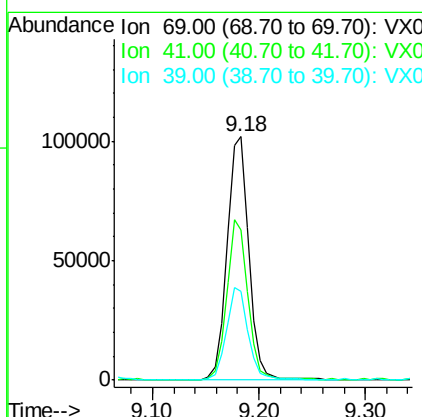
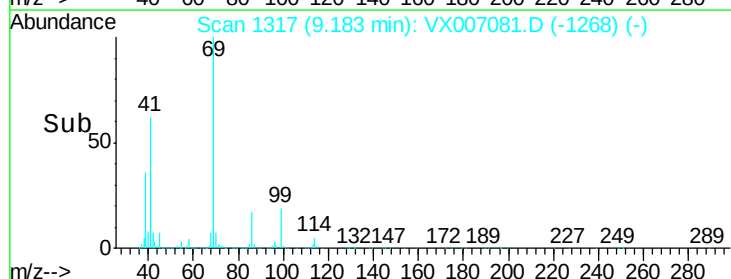
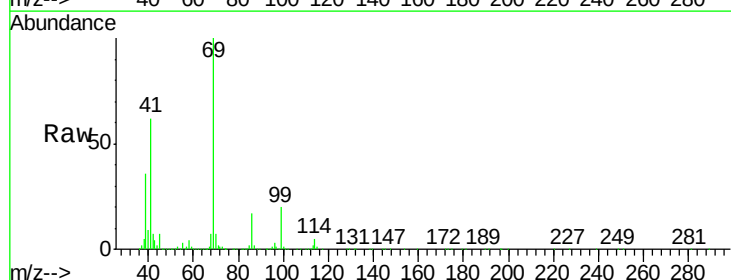
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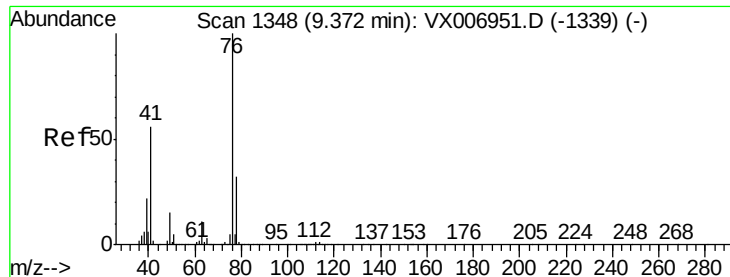
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.606 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.6	48.7	73.1
39	37.3	27.0	40.6





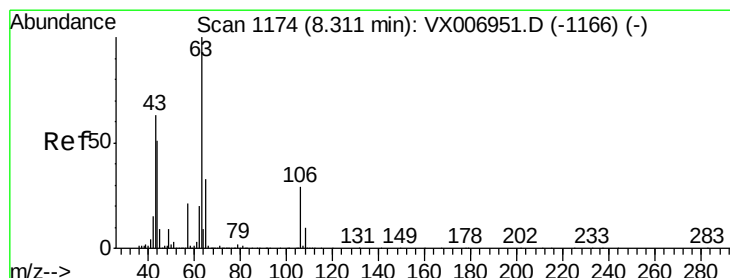
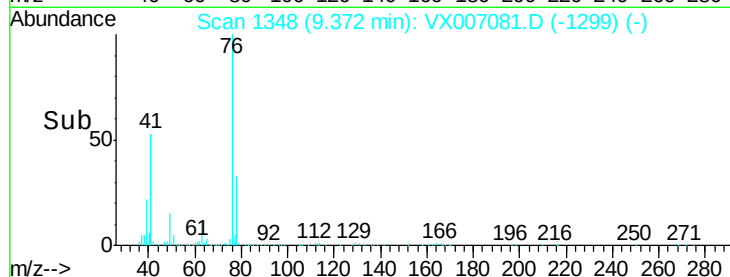
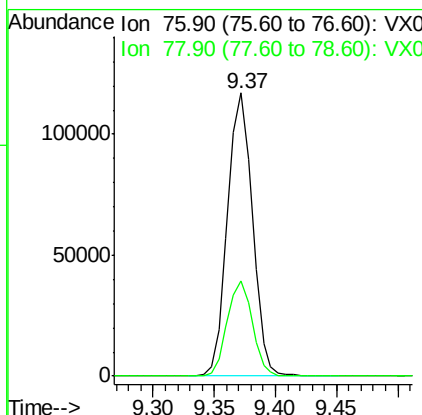
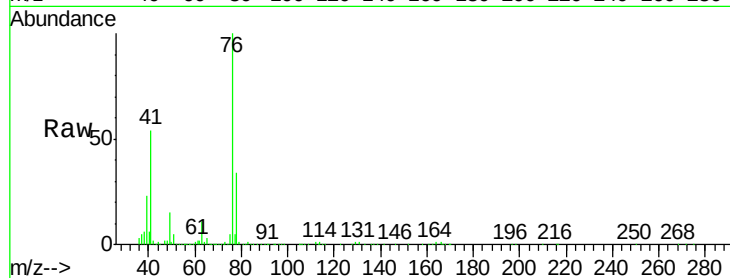
#57
 1,3-Dichloropropane
 Concen: 19.787 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.1	26.0	39.0

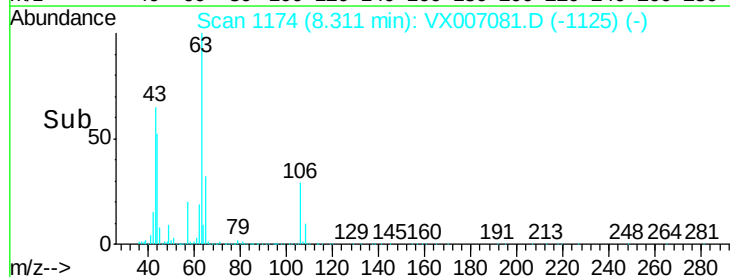
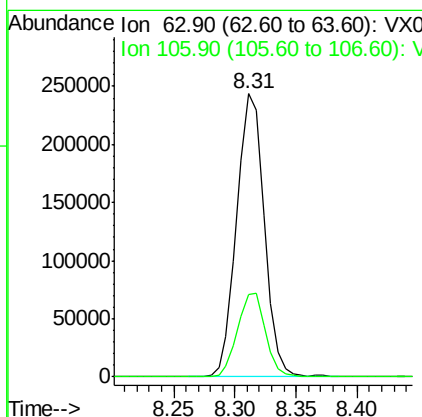
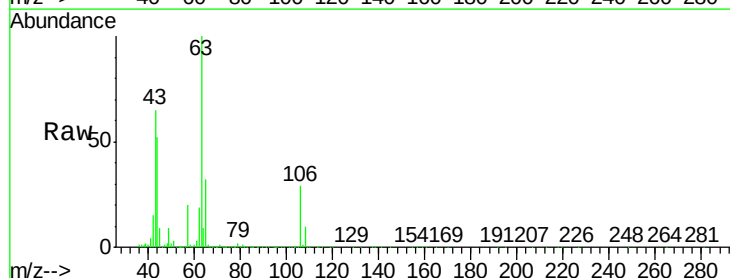
Manual Integrations
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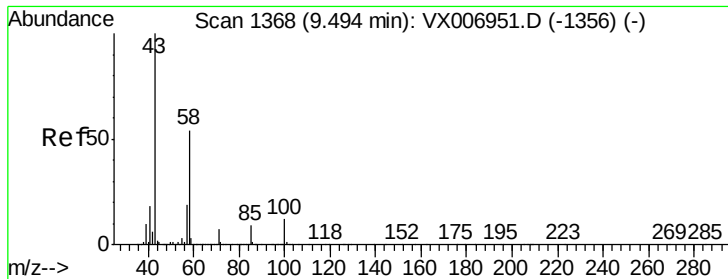
MMDadoda
 1/18/2019 10:23:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.563 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.6	36.8





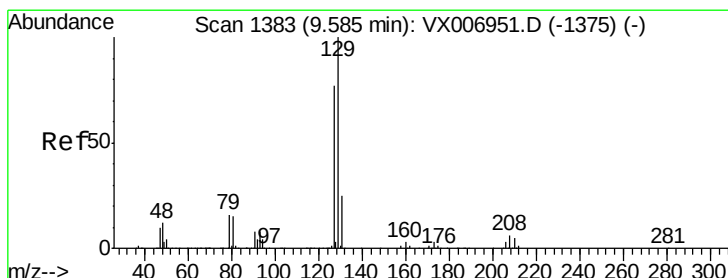
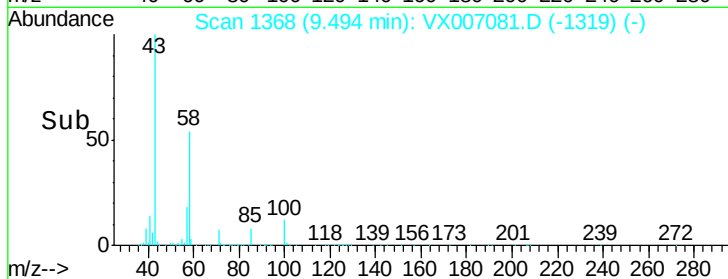
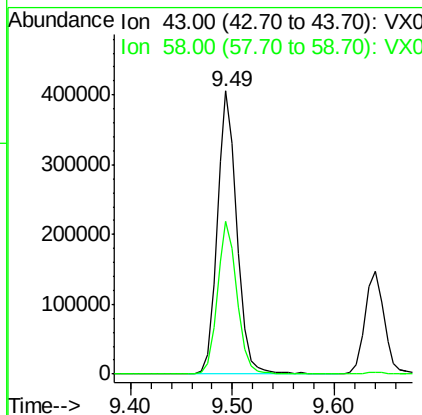
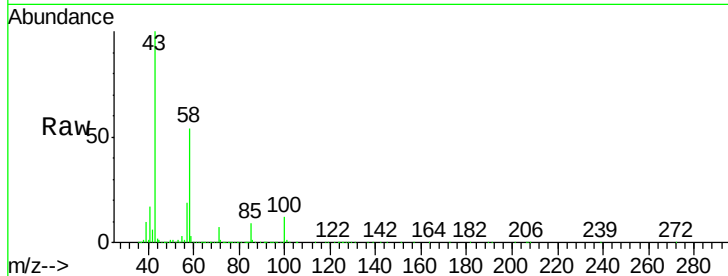
#59
2-Hexanone
Concen: 101.337 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion: 43 Resp: 546537
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1

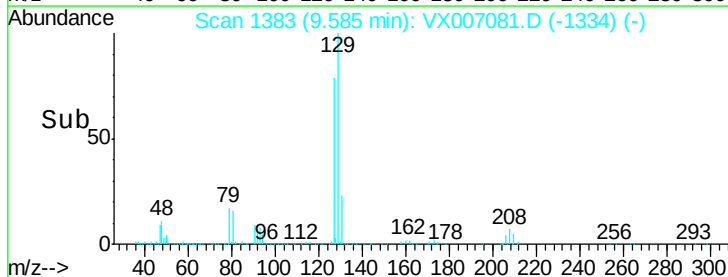
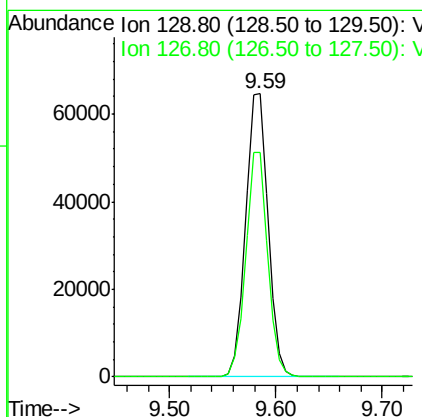
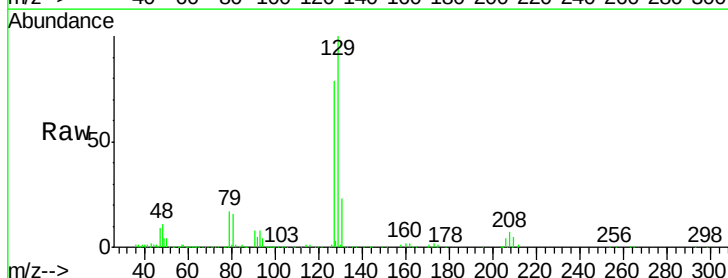
Manual Integrations
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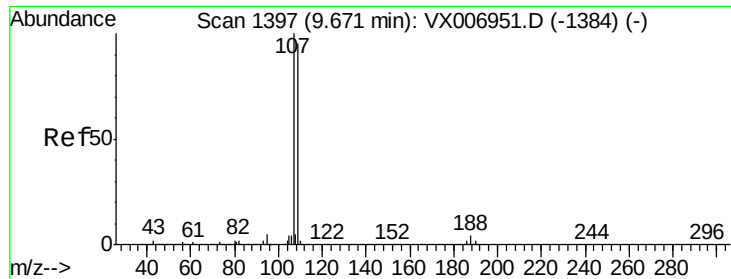
MMDadoda
1/18/2019 10:23:27 AM



#60
Dibromochloromethane
Concen: 19.446 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion: 129 Resp: 96525
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.414 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 107 Resp: 109258

Ion Ratio Lower Upper

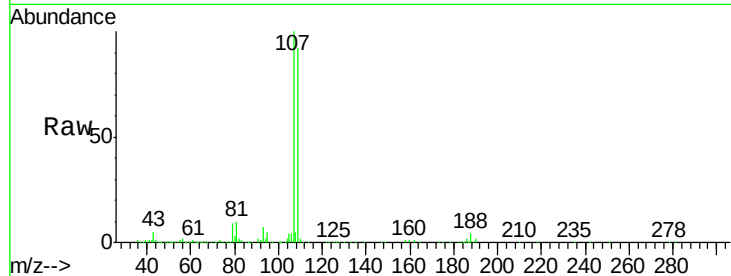
107 100

109 95.9 75.8 113.6

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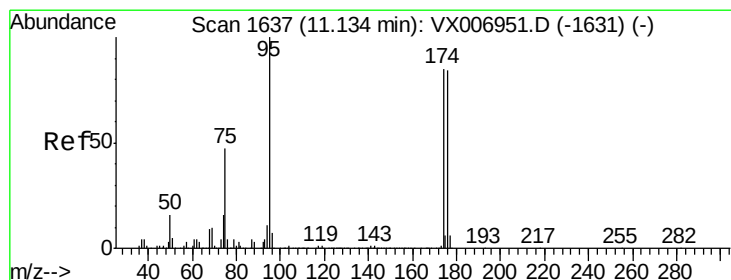
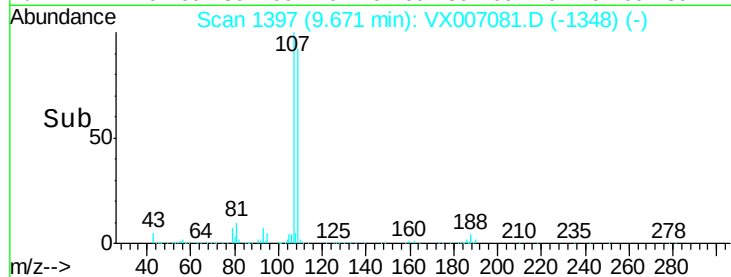
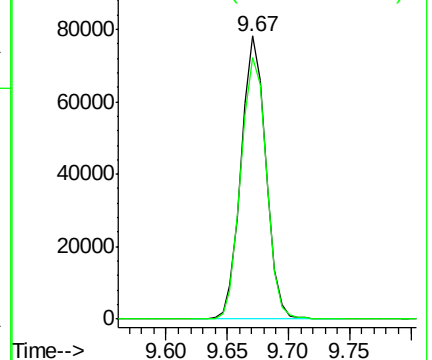
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.311 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

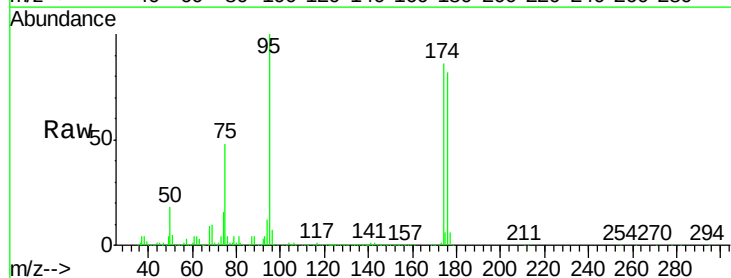
Tgt Ion: 95 Resp: 320189

Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

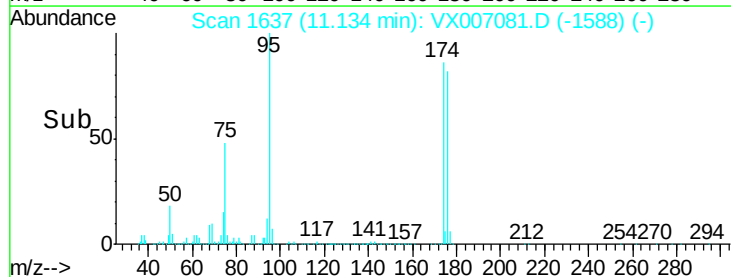
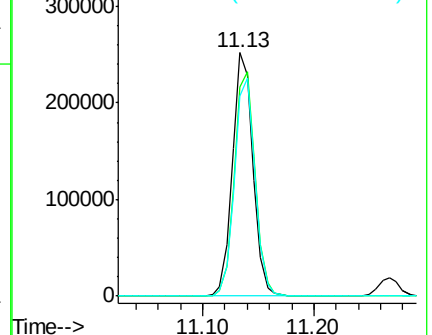
176 90.3 0.0 178.8

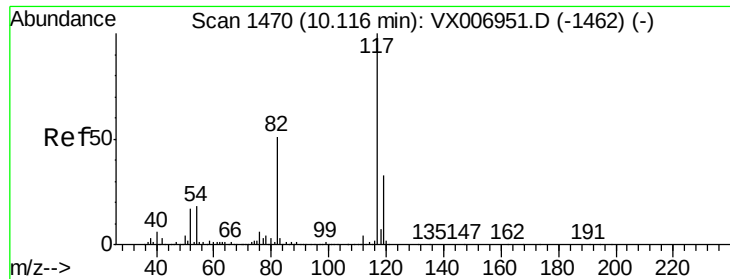


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





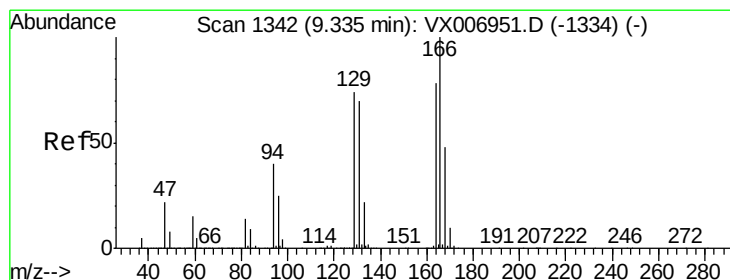
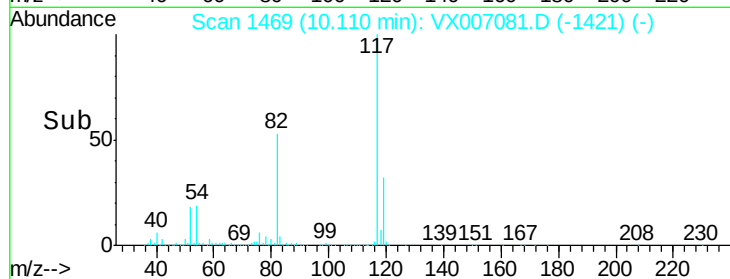
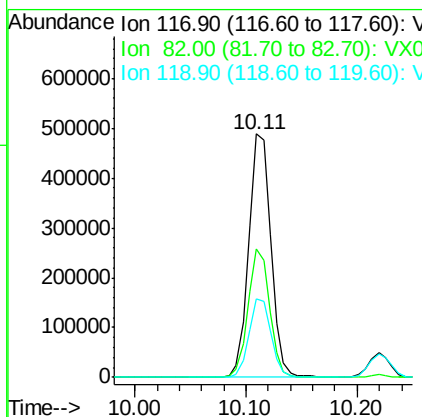
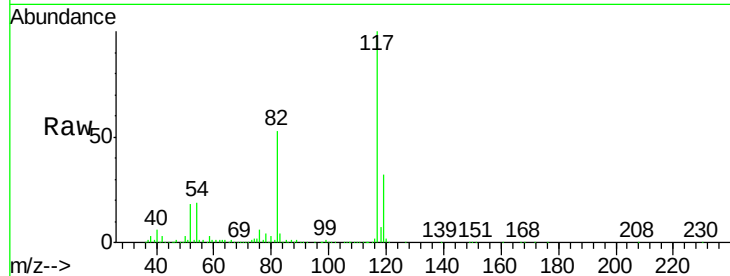
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.0	61.6
119	32.3	25.4	38.0

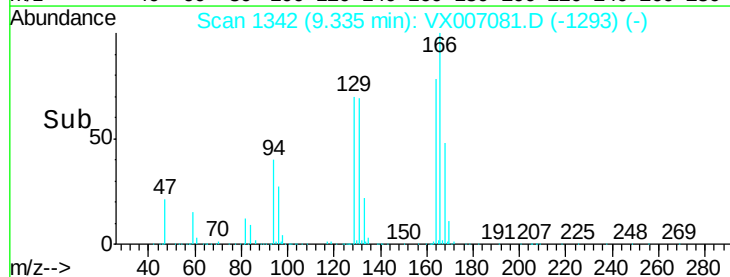
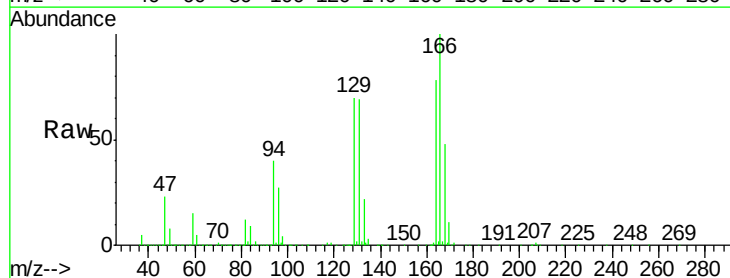
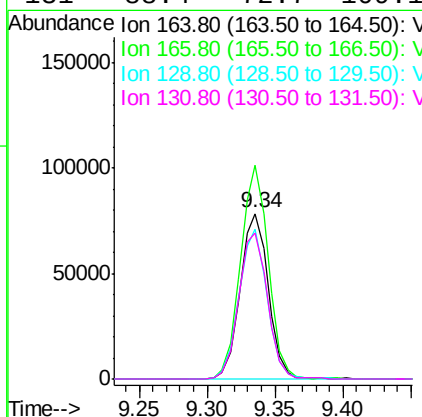
Manual Integrations
APPROVED

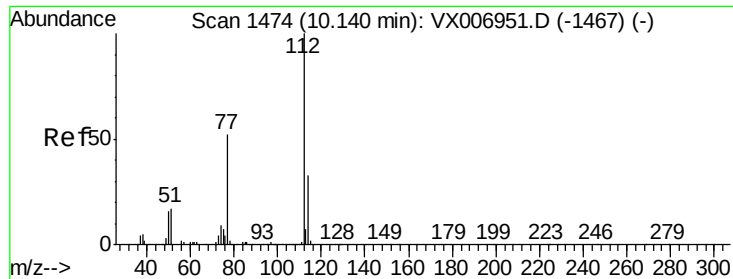
MMDadoda
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#64
Tetrachloroethene
Concen: 19.257 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.5	153.7
129	90.1	75.1	112.7
131	88.4	72.7	109.1





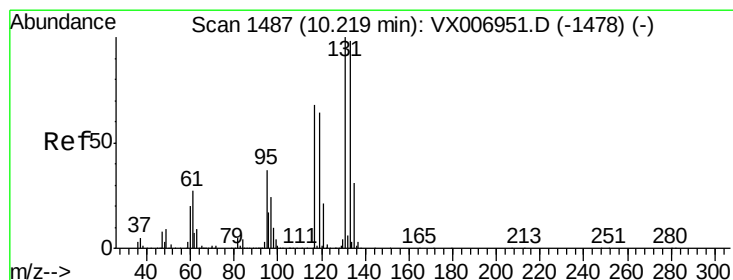
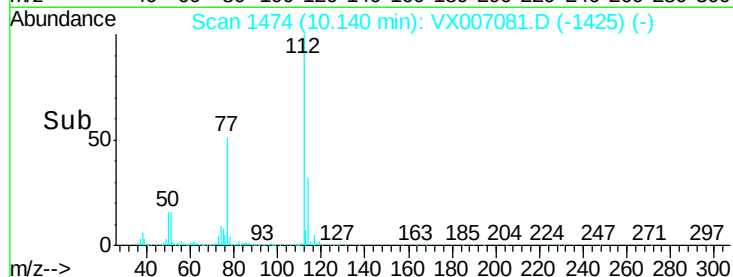
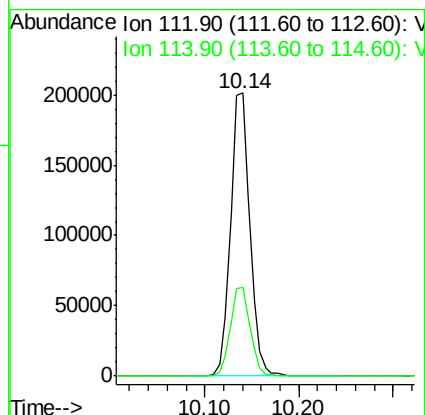
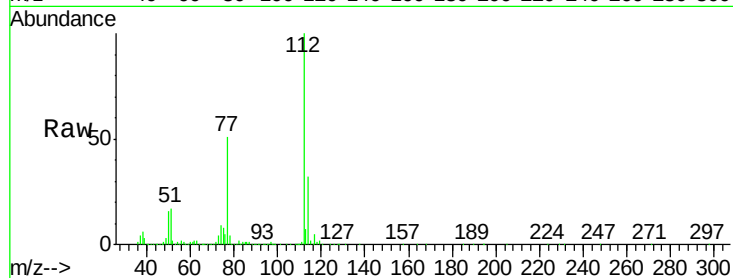
#65
Chlorobenzene
Concen: 19.347 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion:112 Resp: 286647
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

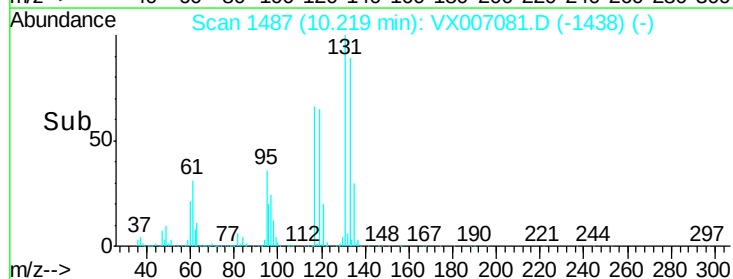
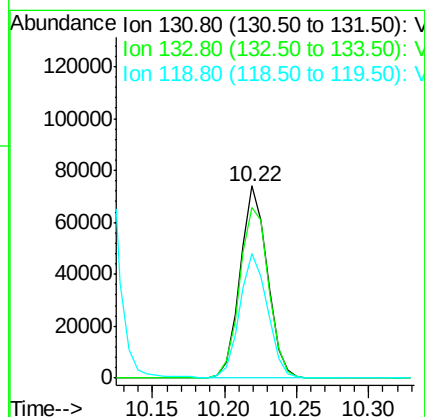
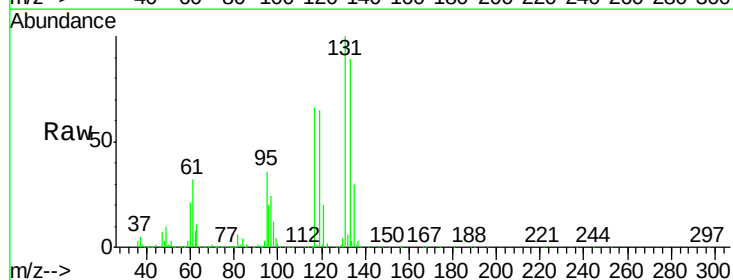
Manual Integrations
APPROVED

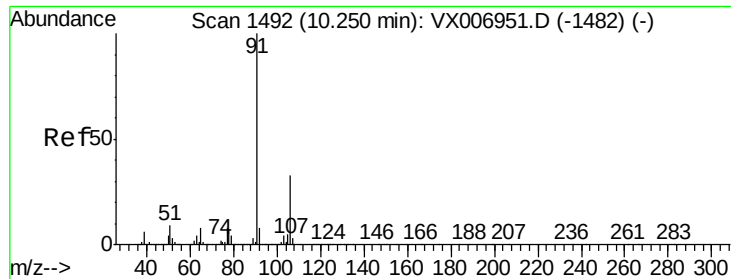
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.564 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion:131 Resp: 97508
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.2
119 65.7 32.6 97.8





#67

Ethyl Benzene

Concen: 18.971 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 91 Resp: 464016

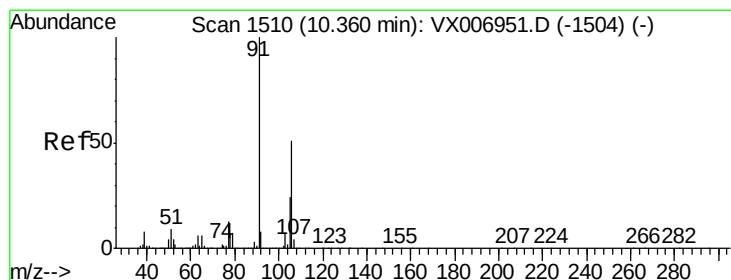
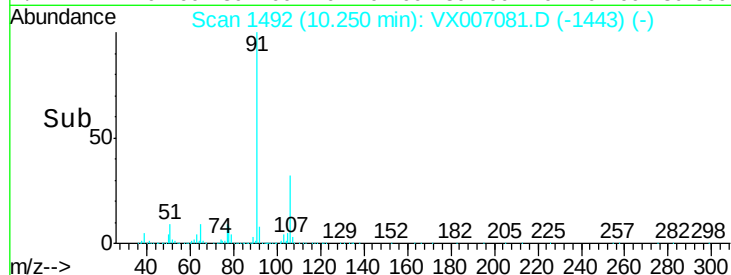
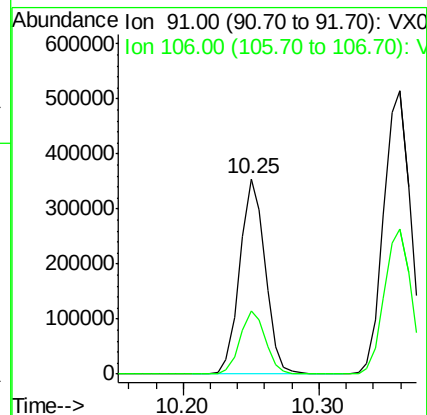
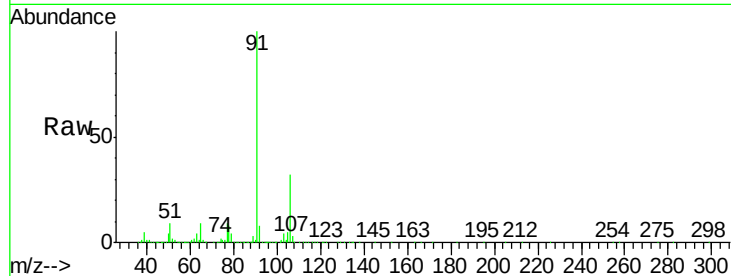
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:23:27 AM



#68

m/p-Xylenes

Concen: 37.641 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007081.D

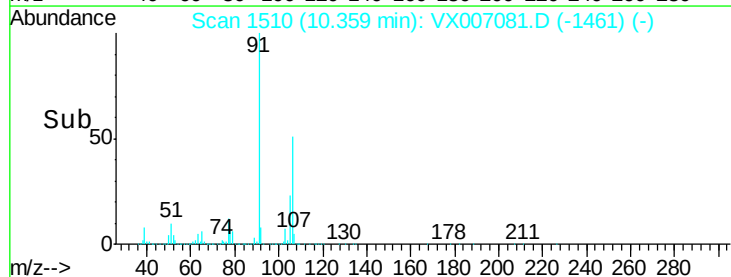
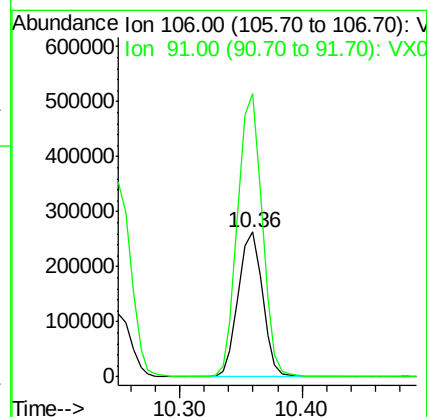
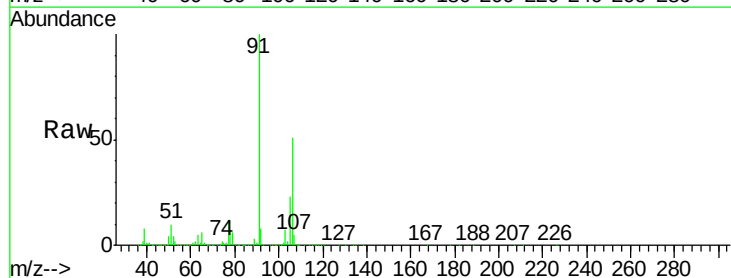
Acq: 17 Jan 2019 11:50

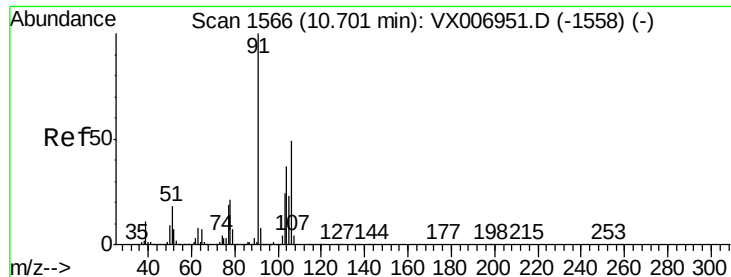
Tgt Ion: 106 Resp: 362734

Ion Ratio Lower Upper

106 100

91 196.7 155.8 233.6





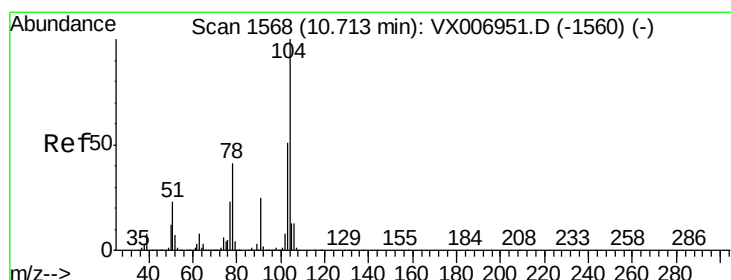
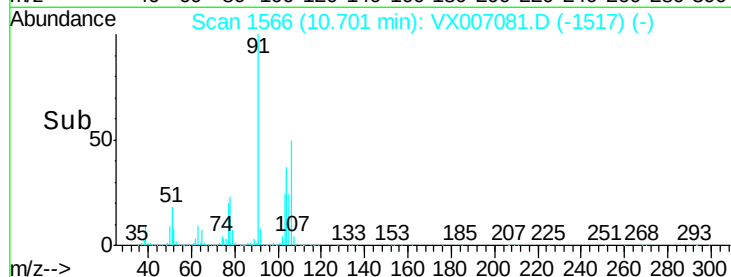
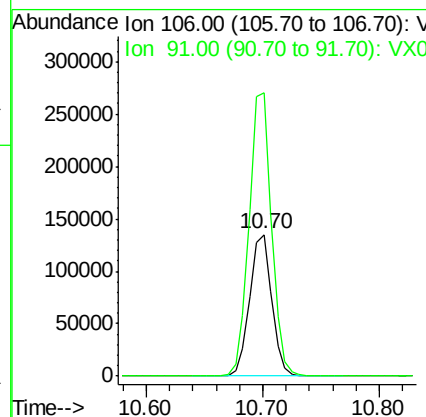
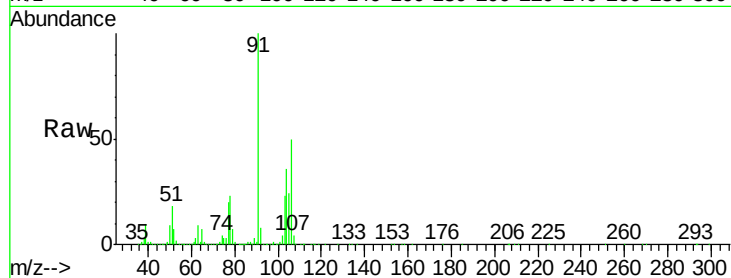
#69
o-Xylene
Concen: 19.216 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.5	101.3	303.7

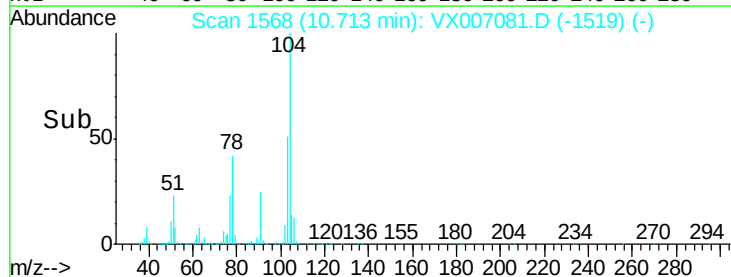
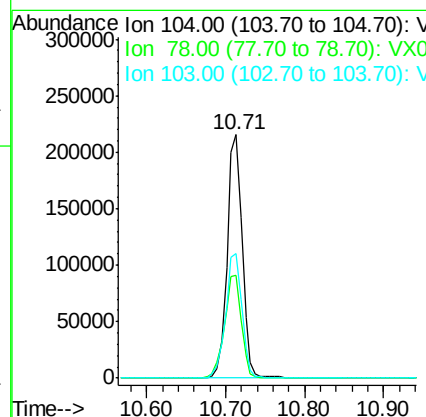
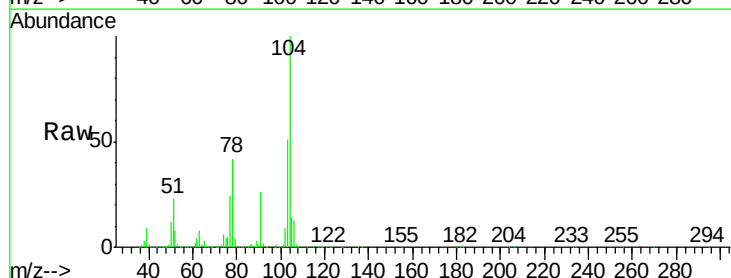
Manual Integrations
APPROVED

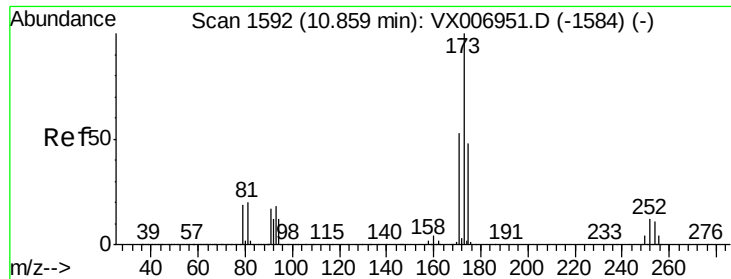
MMDadoda
1/18/2019 10:23:27 AM



#70
Styrene
Concen: 19.229 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007081.D
Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	37.7	56.5
103	55.8	43.8	65.8





#71

Bromoform

Concen: 18.708 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

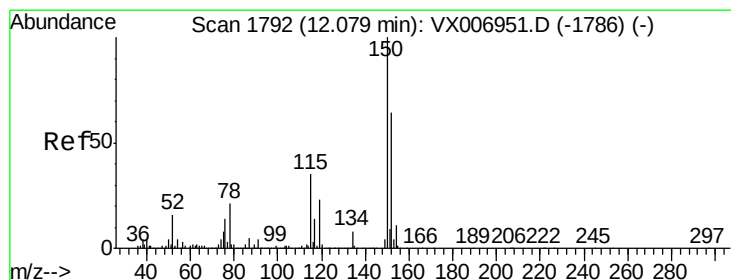
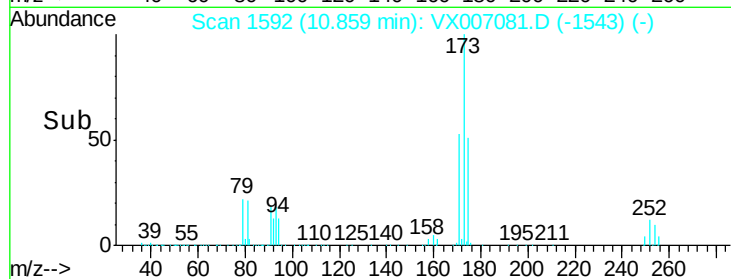
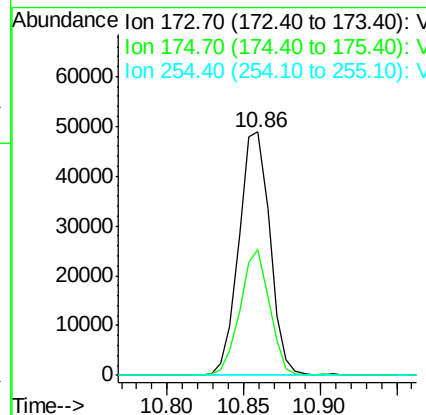
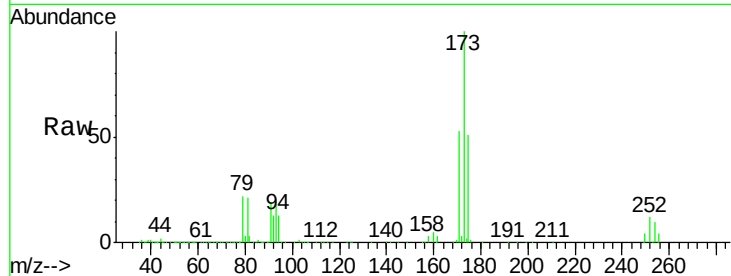
ClientSampleId :

VX0117MBS01

Tot Ion:	173	Resp:	68851
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

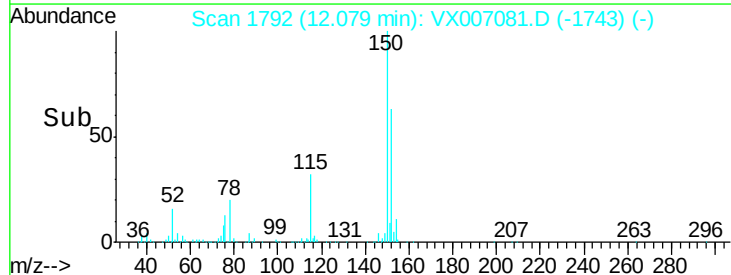
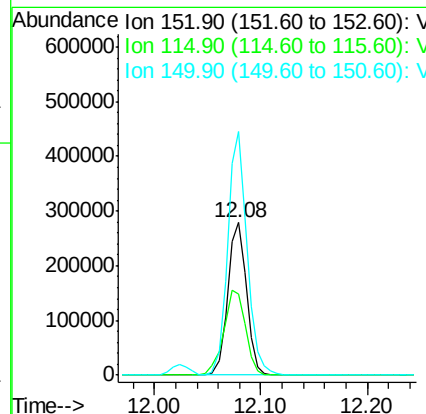
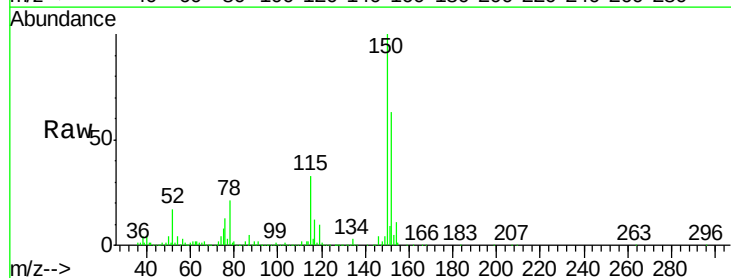
RT: 12.08 min Scan# 1792

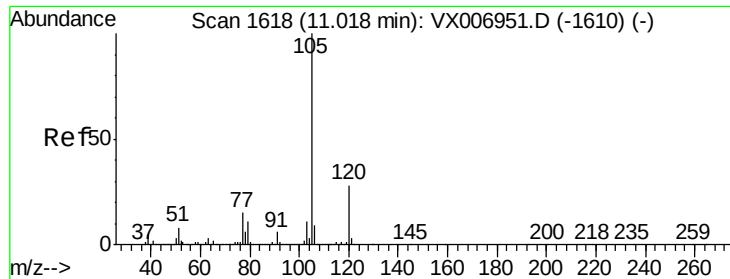
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	152	Resp:	343355
Ion Ratio	Lower	Upper	
152	100		
115	64.1	39.1	117.2
150	164.0	0.0	344.8





#73

Isopropylbenzene

Concen: 19.566 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 105 Resp: 473725

Ion Ratio Lower Upper

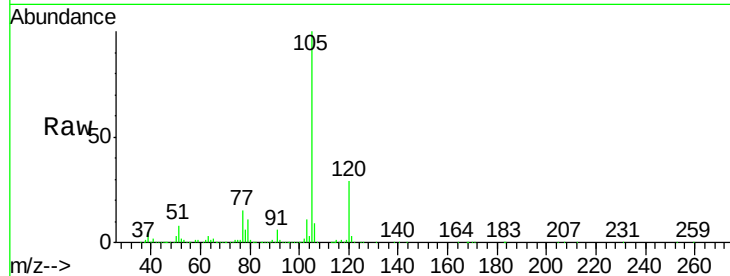
105 100

120 28.3 14.1 42.4

Manual Integrations
APPROVED

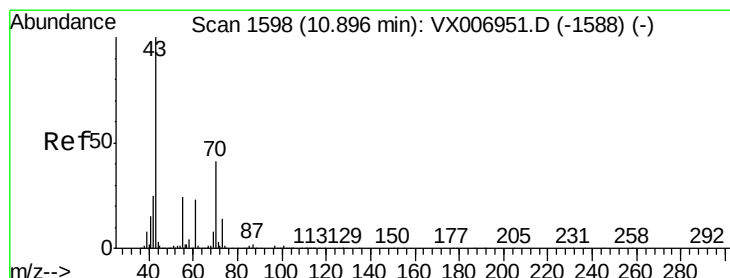
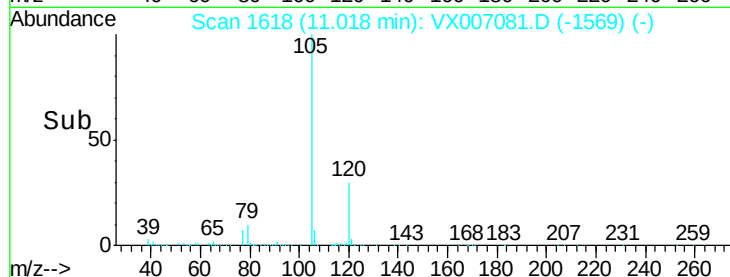
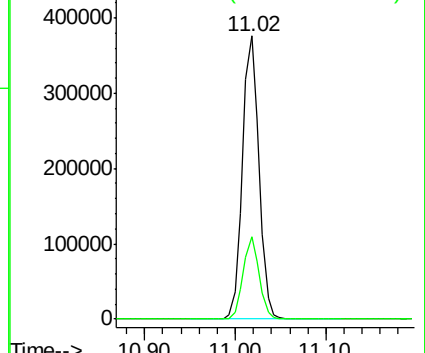
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.850 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion: 43 Resp: 183754

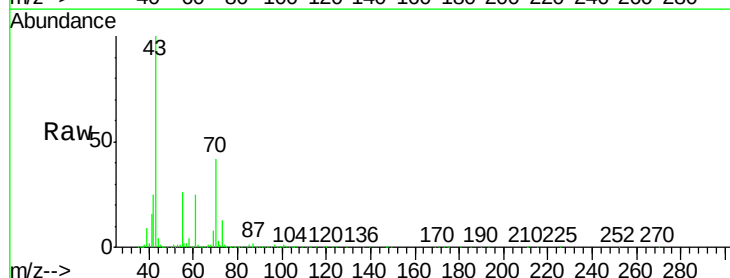
Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 25.9 19.4 29.0

61 25.2 20.1 30.1

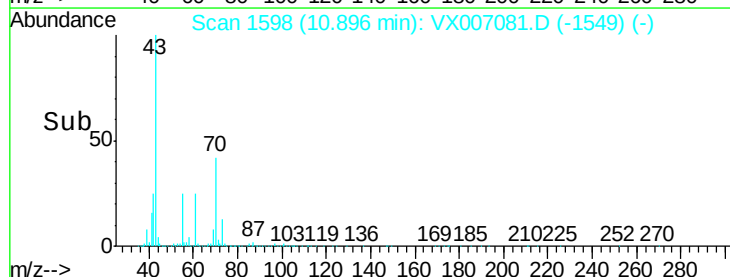
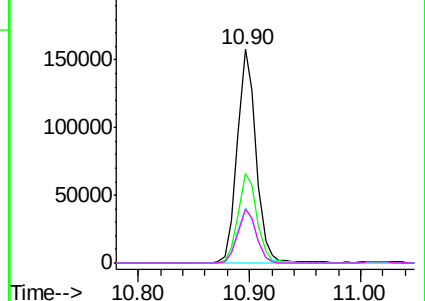


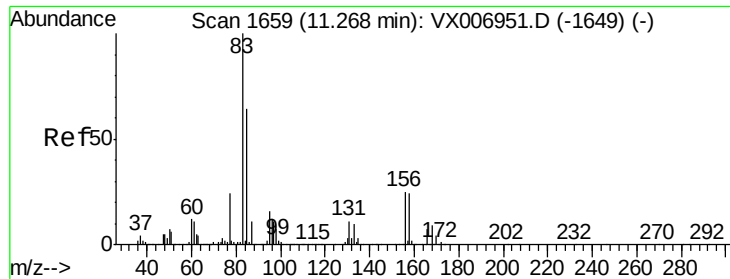
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.539 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

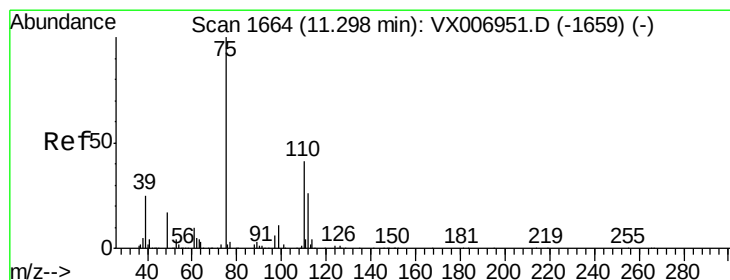
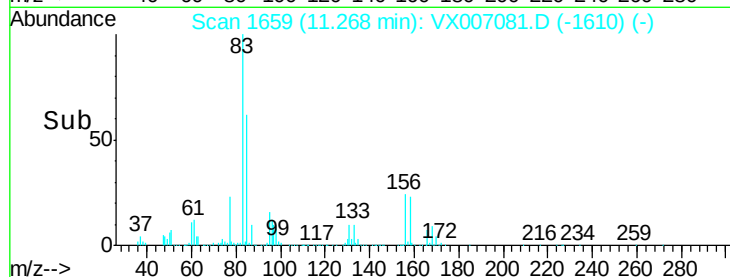
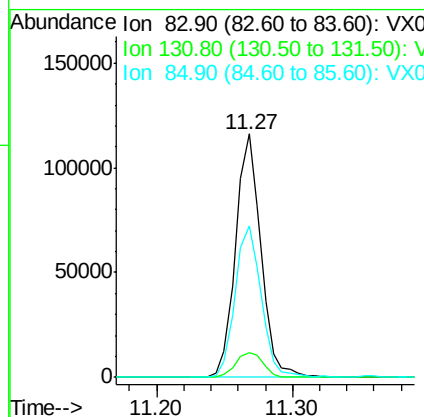
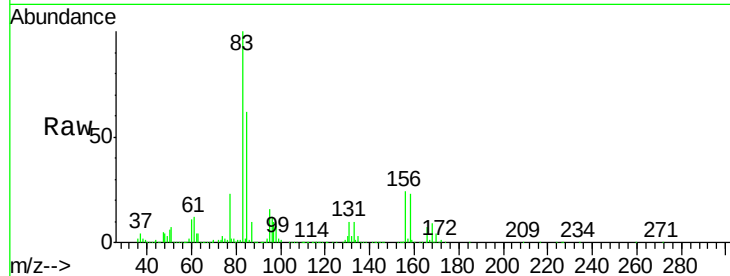
ClientSampled :

VX0117MBS01

Tot Ion:	83	Resp:	150181
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.7	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.146 ug/l m

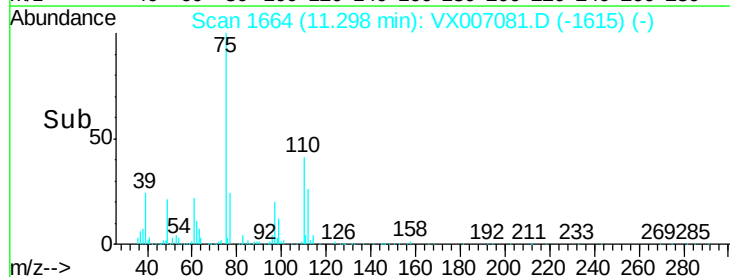
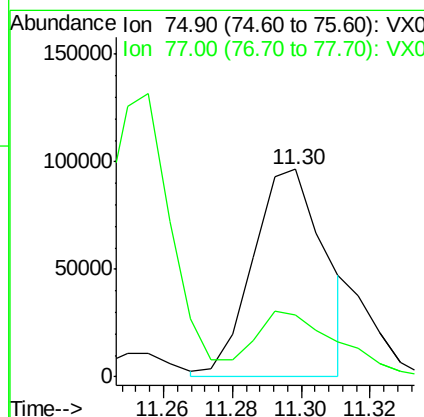
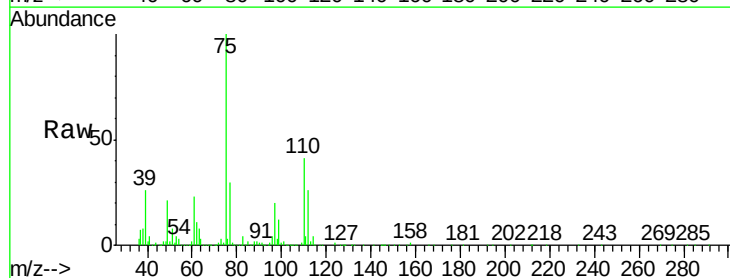
RT: 11.30 min Scan# 1664

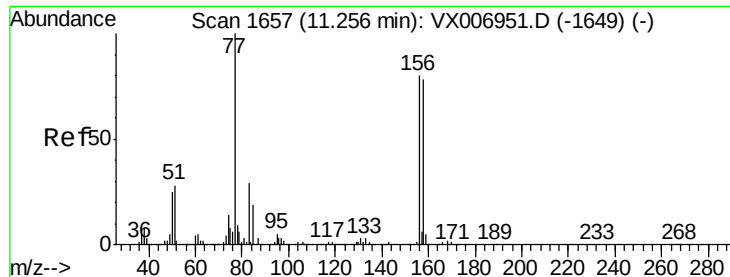
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	75	Resp:	140177
Ion Ratio	Lower	Upper	
75	100		
77	35.7	18.5	55.5





#77

Bromobenzene

Concen: 19.320 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

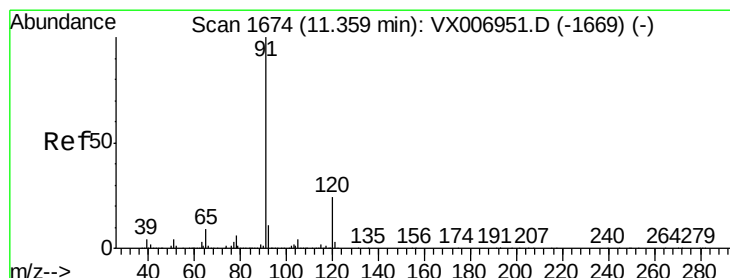
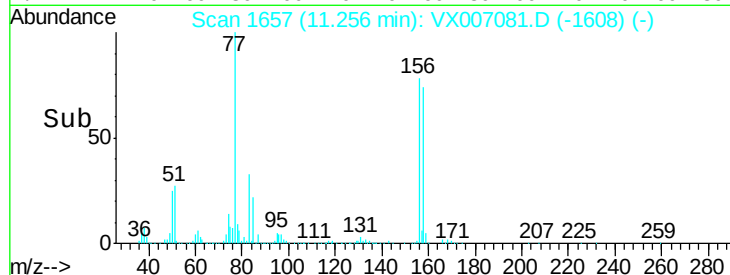
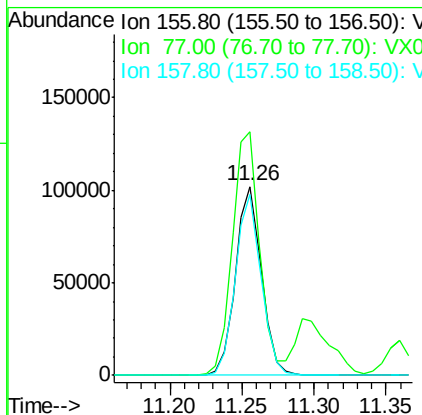
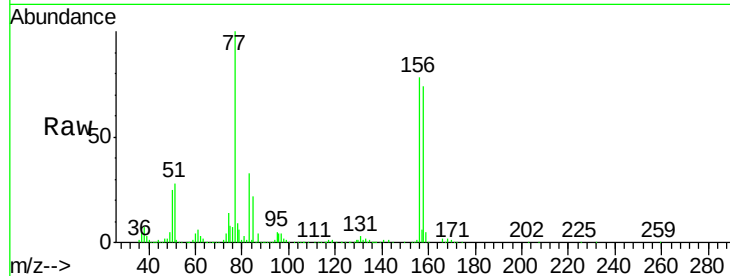
ClientSampleId :

VX0117MBS01

Tot Ion:	156	Resp:	128887
Ion Ratio	Lower	Upper	
156	100		
77	134.3	68.0	204.0
158	95.7	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.790 ug/l

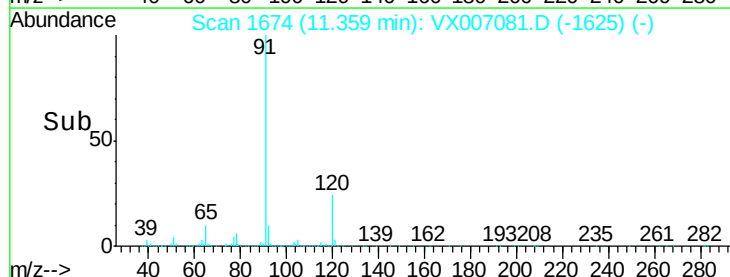
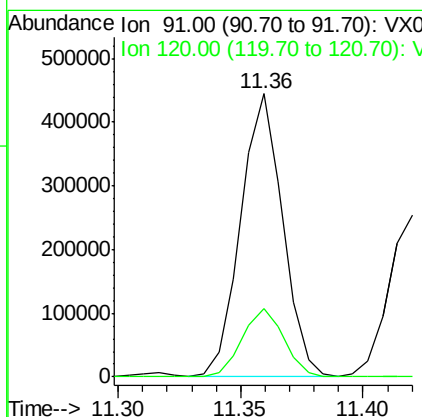
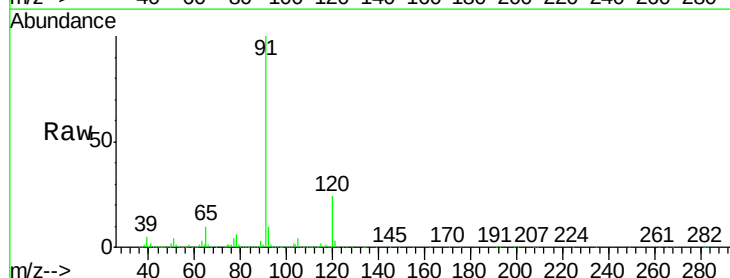
RT: 11.36 min Scan# 1674

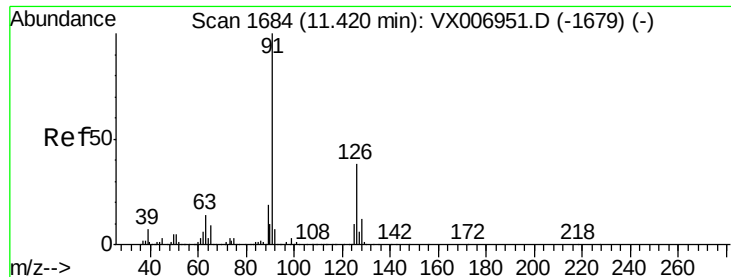
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	91	Resp:	525987
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.452 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion: 91 Resp: 311222

Ion Ratio Lower Upper

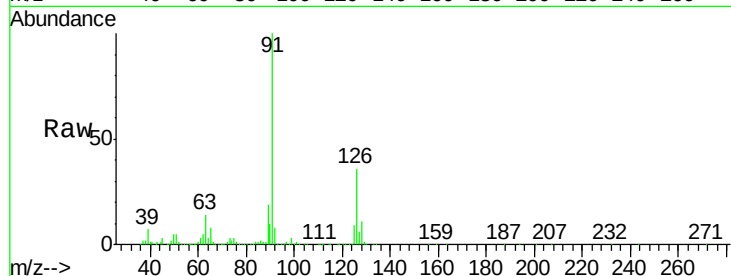
91 100

126 37.4 18.6 56.0

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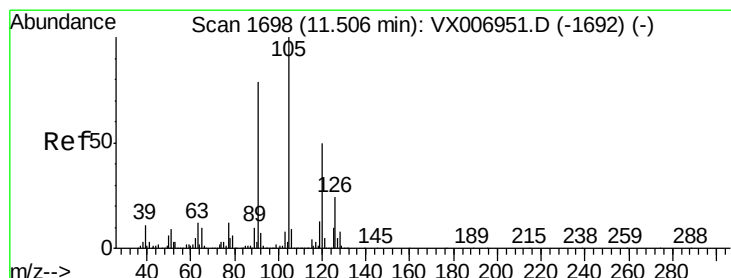
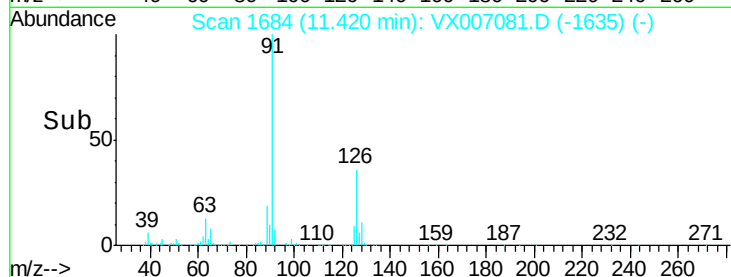
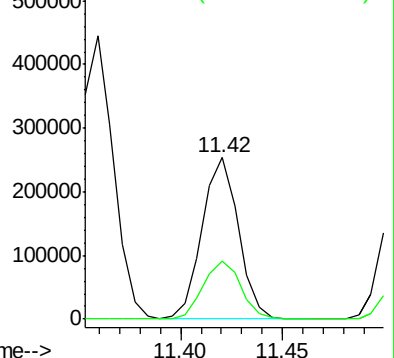
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.262 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007081.D

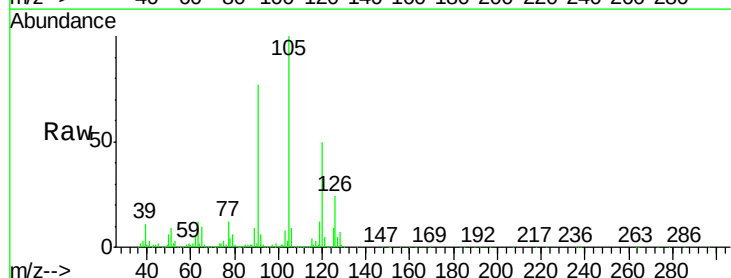
Acq: 17 Jan 2019 11:50

Tgt Ion: 105 Resp: 389680

Ion Ratio Lower Upper

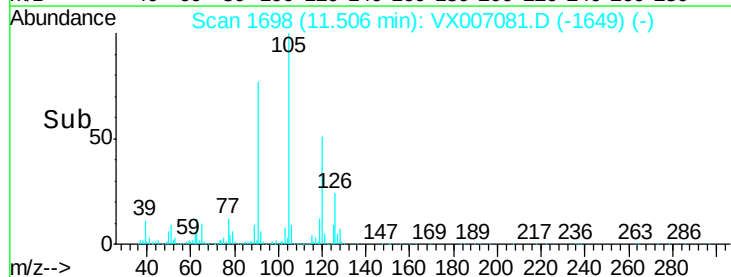
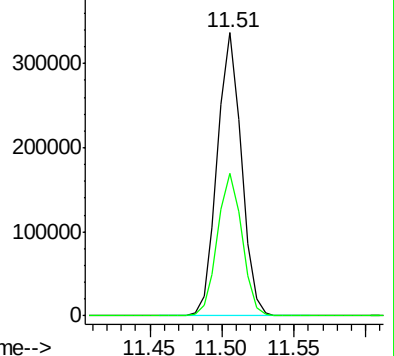
105 100

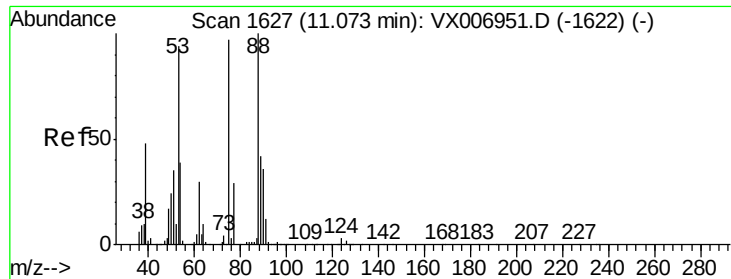
120 51.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.549 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

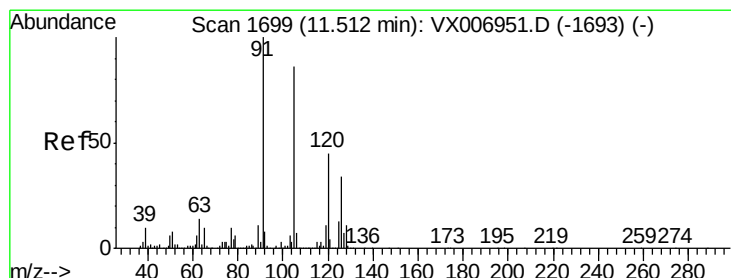
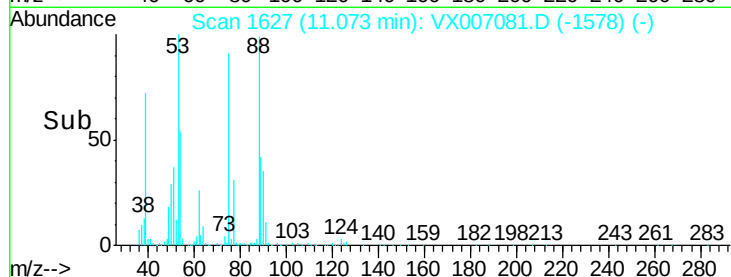
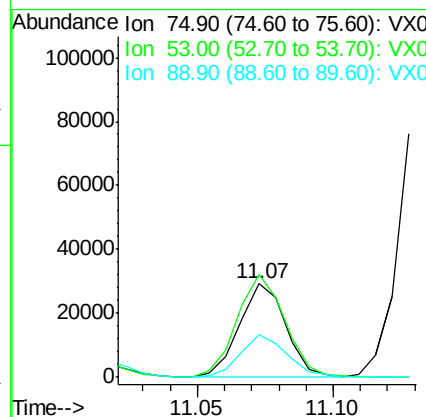
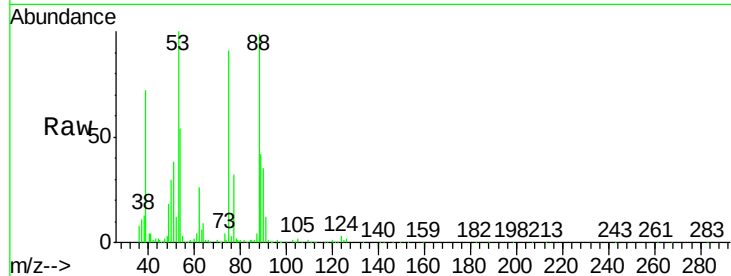
ClientSampleId :

VX0117MBS01

Tot Ion:	75	Resp:	34337
Ion Ratio	Lower	Upper	
75	100		
53	113.9	79.7	119.5
89	48.1	38.0	57.0

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#82

4-Chlorotoluene

Concen: 19.360 ug/l

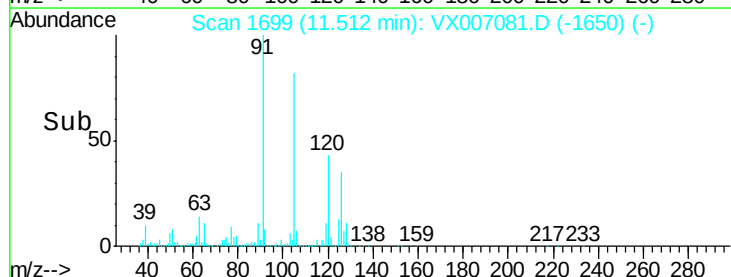
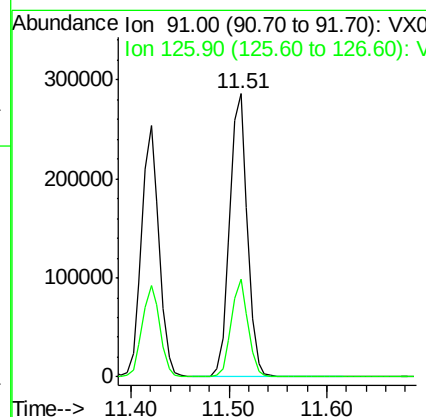
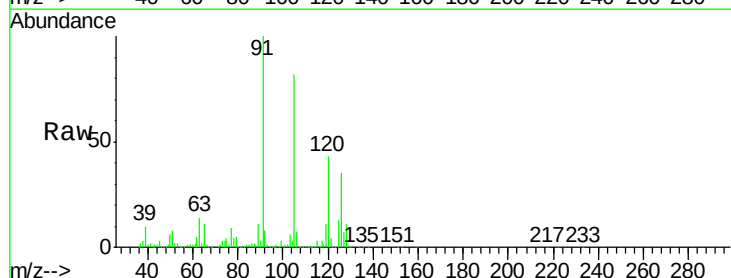
RT: 11.51 min Scan# 1699

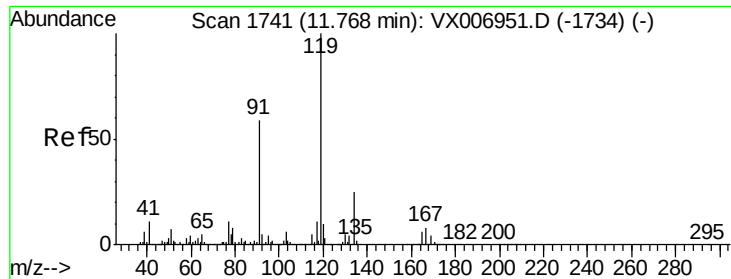
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	91	Resp:	358631
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.3	48.9





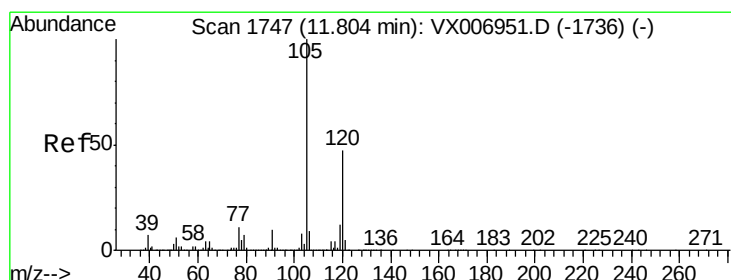
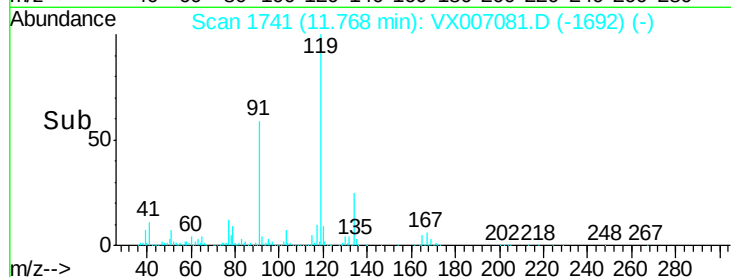
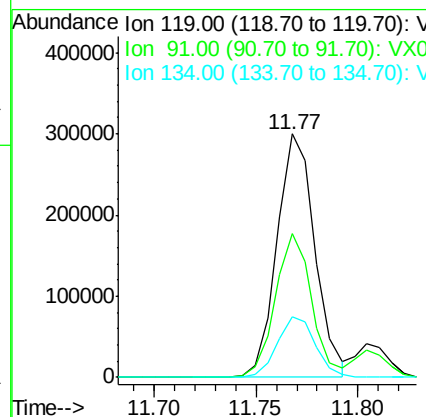
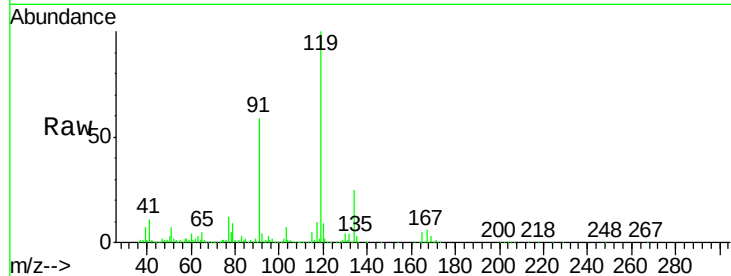
#83
 tert-Butylbenzene
 Concen: 19.200 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	387547		
91	56.6	27.7	83.1	
134	25.1	11.9	35.5	

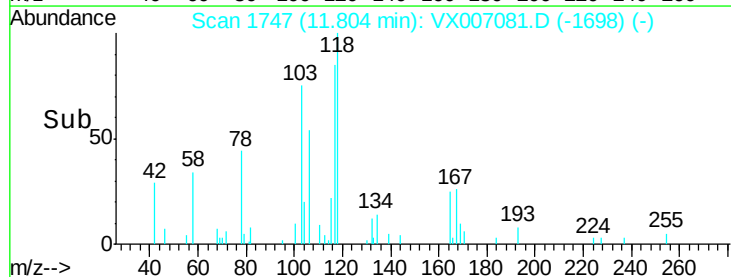
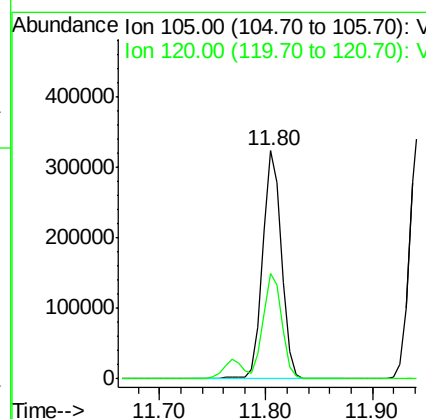
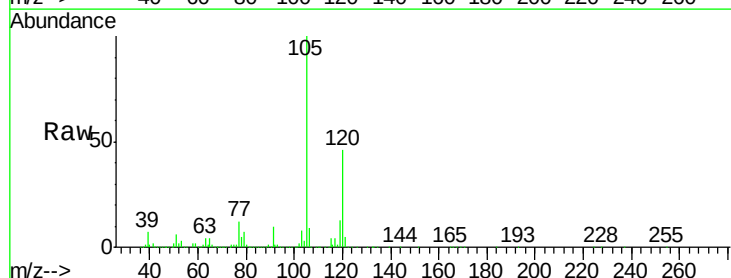
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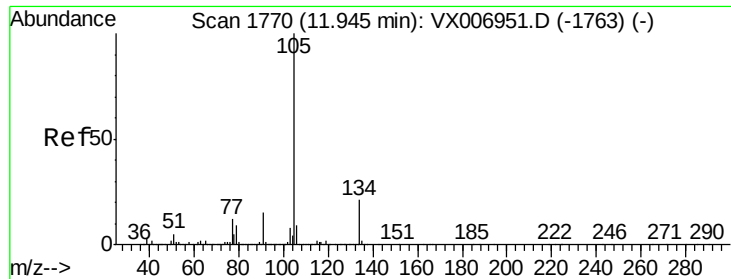
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.747 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007081.D
 Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401721		
120	45.8	23.2	69.6	





#85

sec-Butylbenzene

Concen: 19.772 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBS01

Tot Ion:105 Resp: 476626

Ion Ratio Lower Upper

105 100

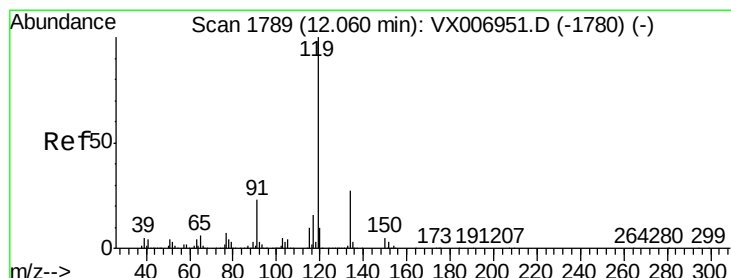
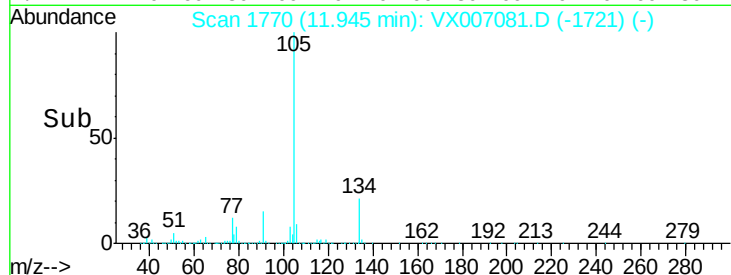
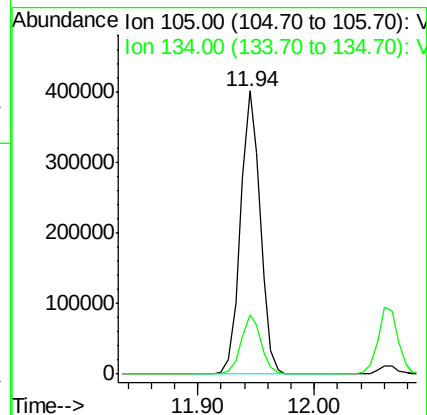
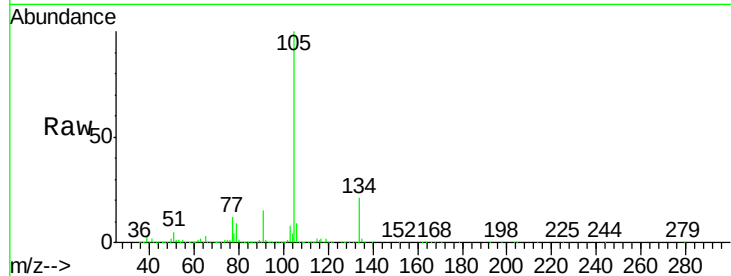
134 20.9 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.632 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

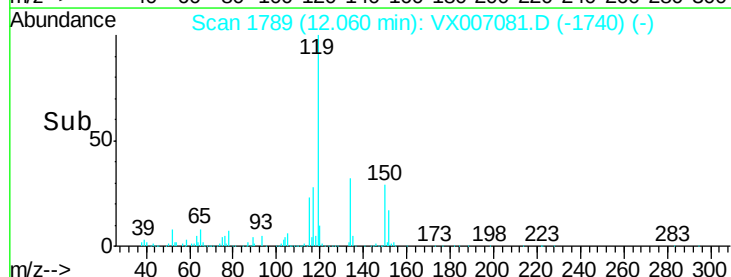
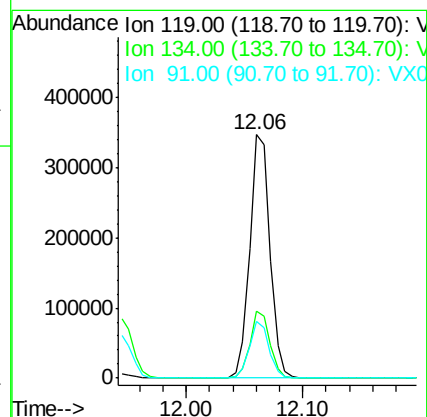
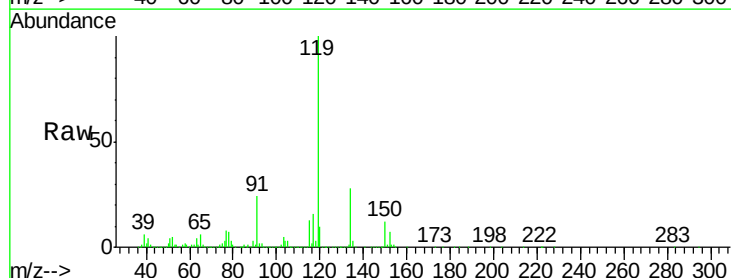
Tgt Ion:119 Resp: 423301

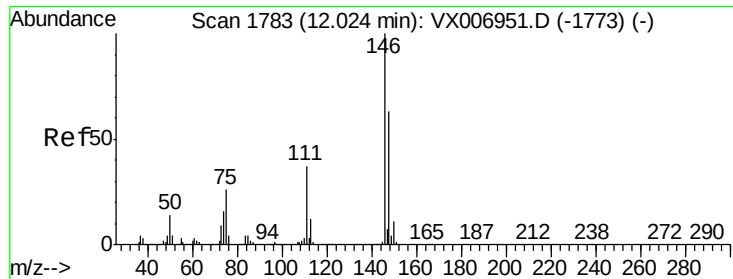
Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.746 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

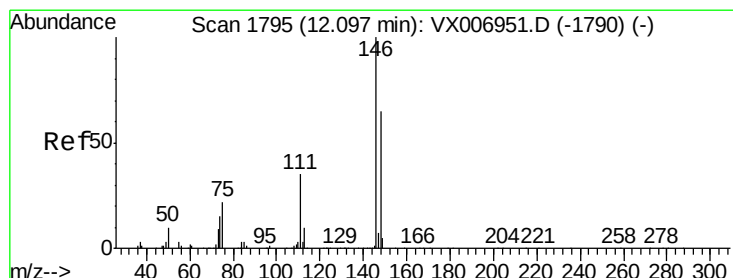
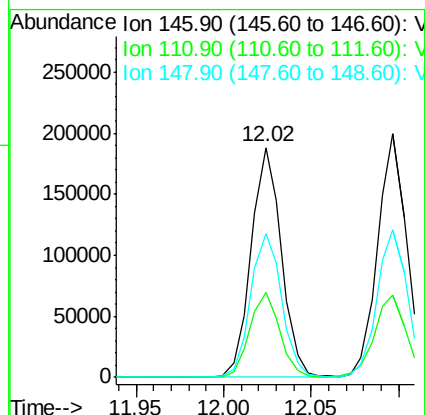
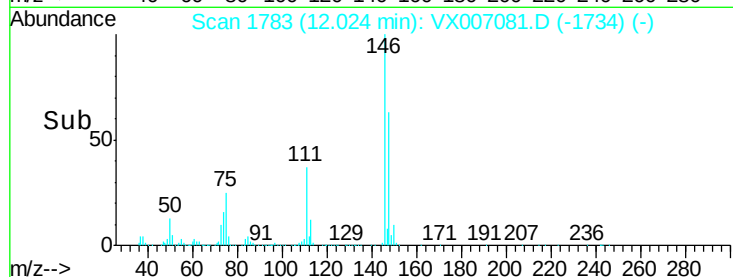
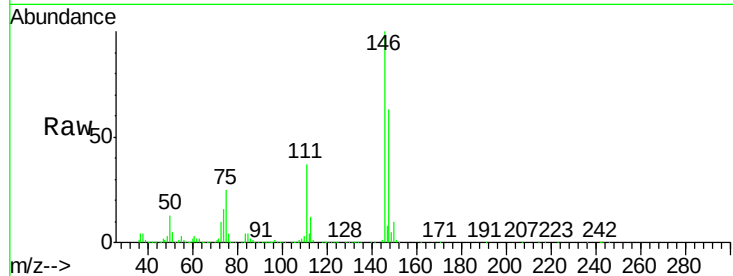
Instrument :
MSVOA_X

ClientSampleId :
VX0117MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.5	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 20.211 ug/l

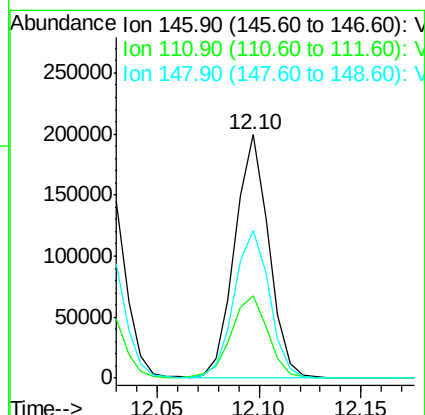
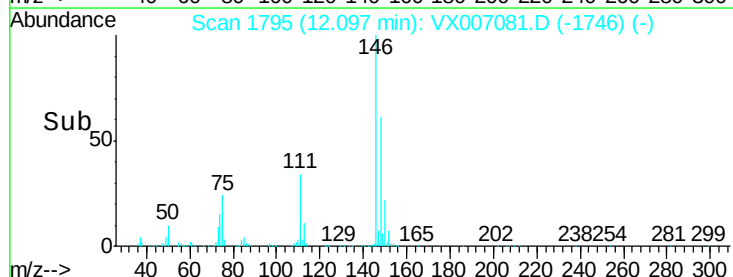
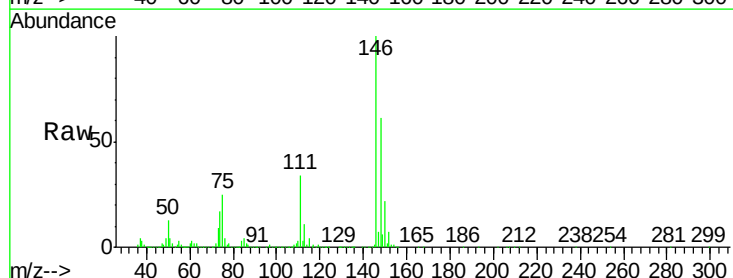
RT: 12.10 min Scan# 1795

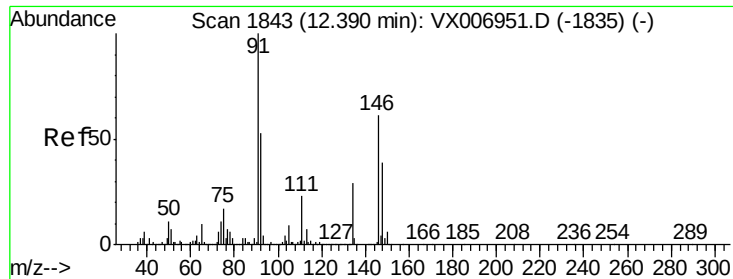
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	63.1	31.9	95.9





#89

n-Butylbenzene

Concen: 19.047 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

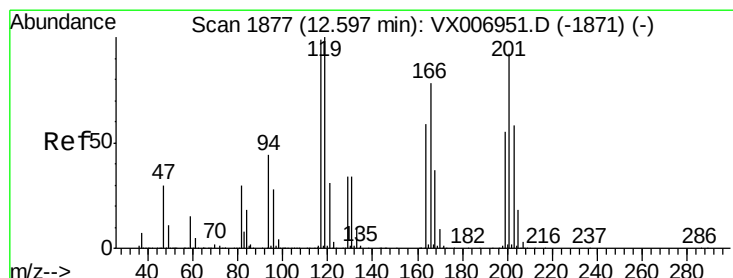
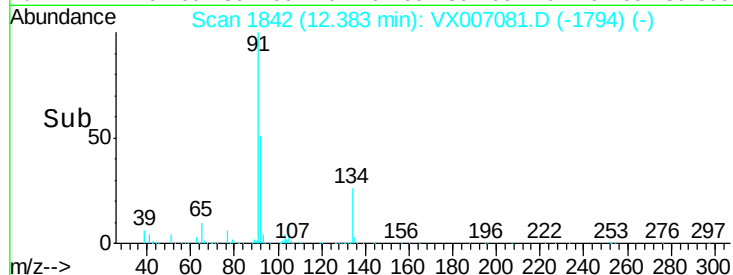
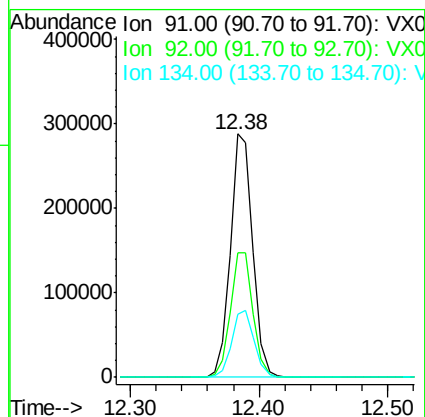
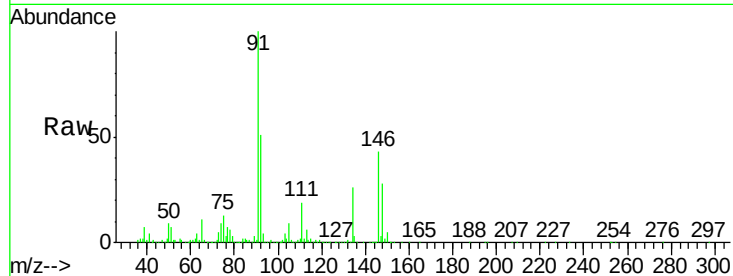
ClientSampleId :

VX0117MBS01

Tot Ion:	91	Resp:	350105
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.8	80.4
134	27.7	14.4	43.2

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#90

Hexachloroethane

Concen: 18.786 ug/l

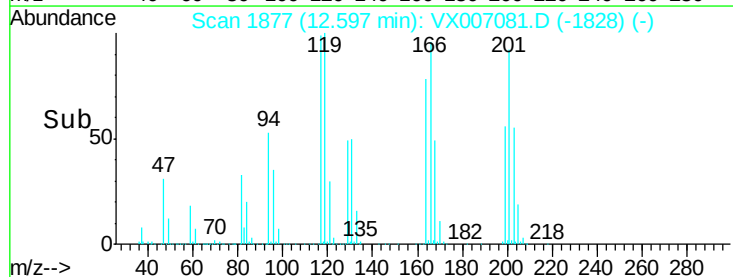
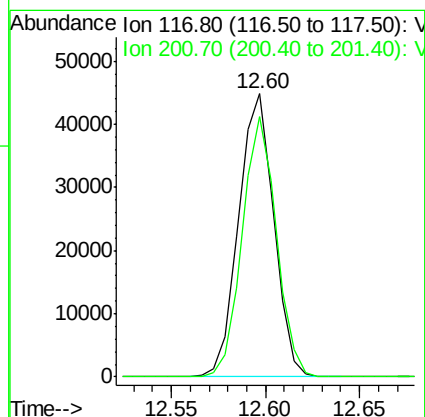
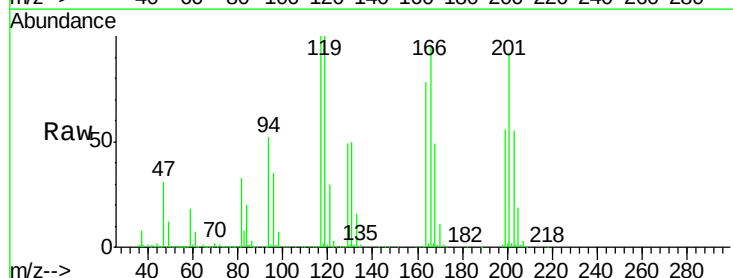
RT: 12.60 min Scan# 1877

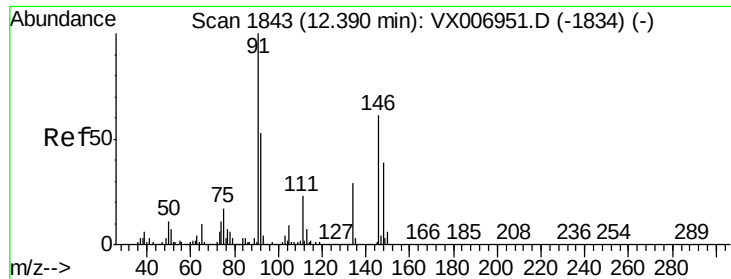
Delta R.T. 0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	117	Resp:	58031
Ion Ratio	Lower	Upper	
117	100		
201	89.0	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 19.299 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

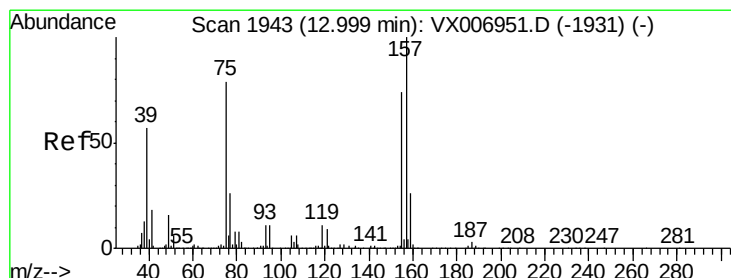
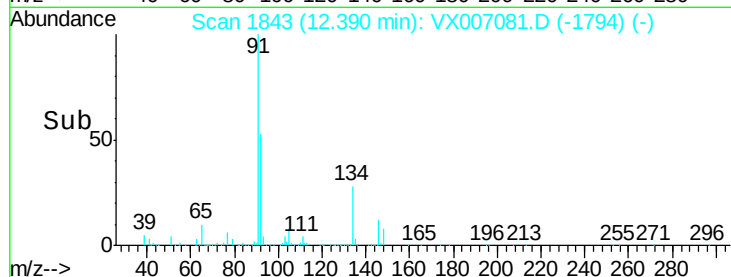
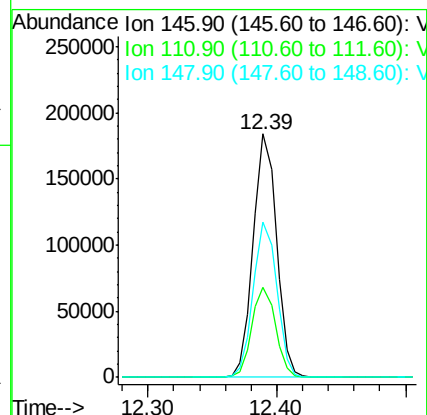
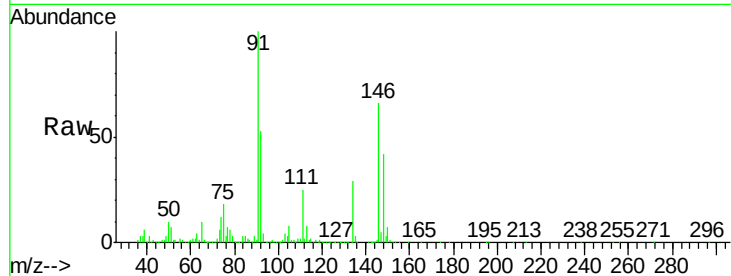
ClientSampleId :

VX0117MBS01

Tot Ion:	146	Resp:	229653
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.4	58.2
148	64.6	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.425 ug/l

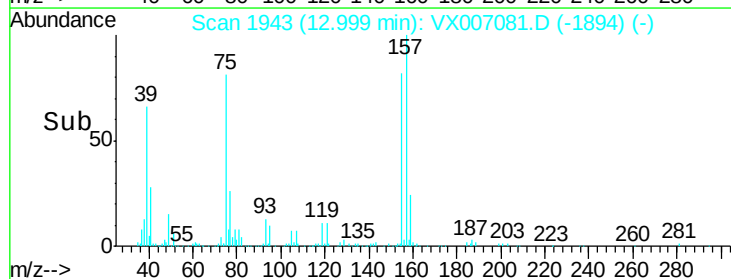
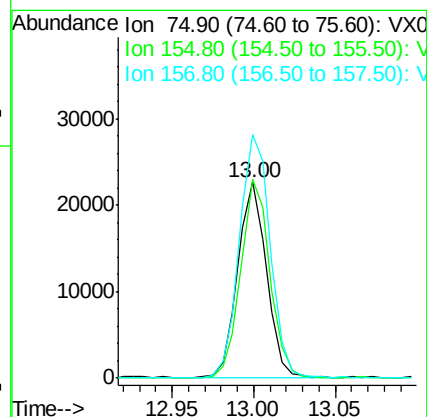
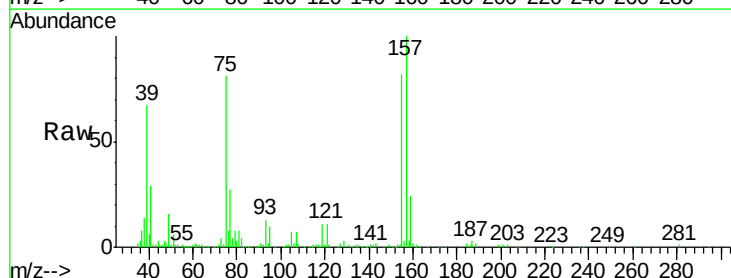
RT: 13.00 min Scan# 1943

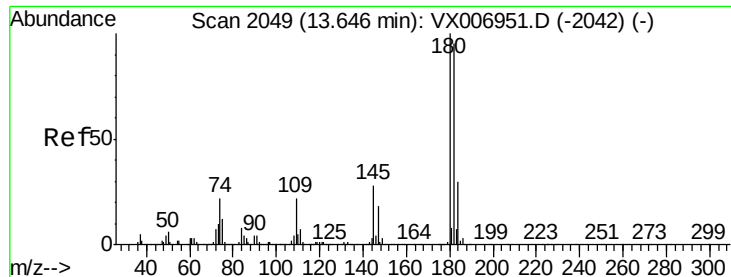
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	75	Resp:	28009
Ion Ratio	Lower	Upper	
75	100		
155	102.0	50.6	151.8
157	132.6	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 18.419 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

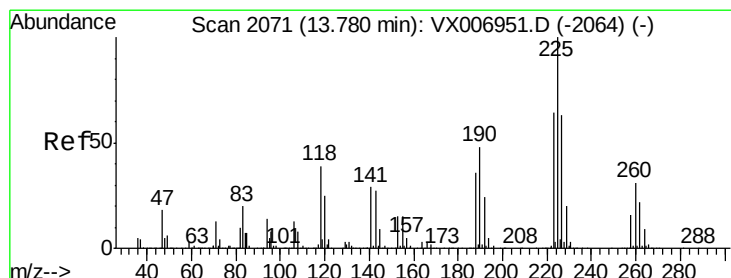
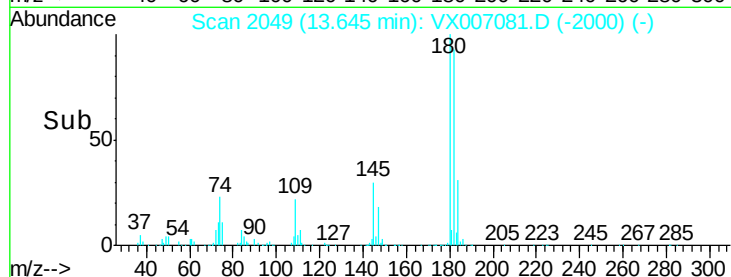
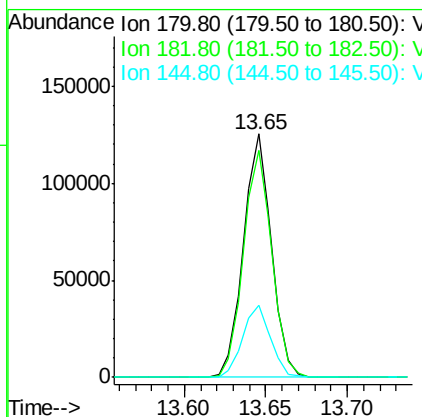
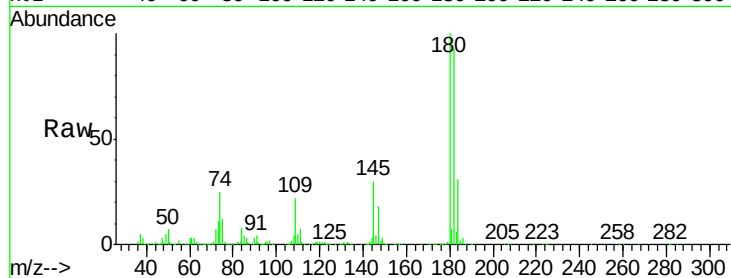
ClientSampleId :

VX0117MBS01

Tot Ion:	180	Resp:	150371
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.3	142.0
145	29.8	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 19.665 ug/l

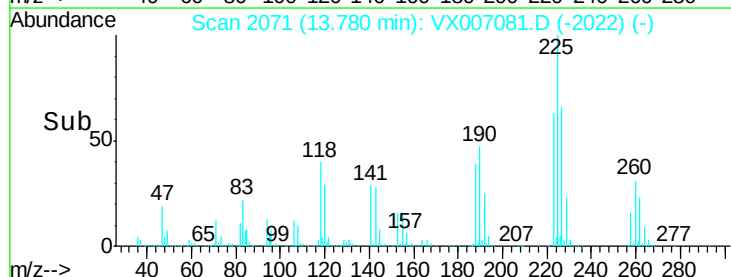
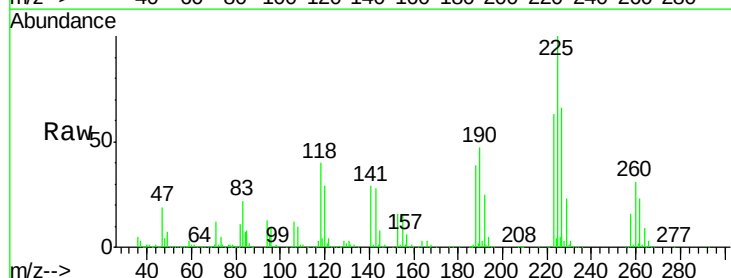
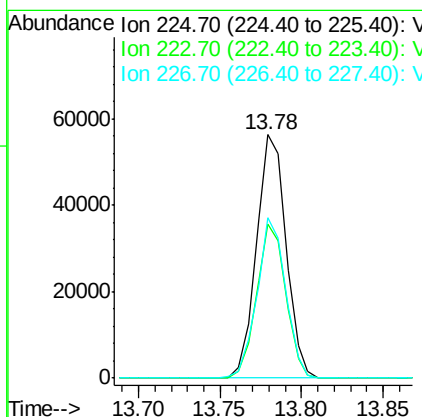
RT: 13.78 min Scan# 2071

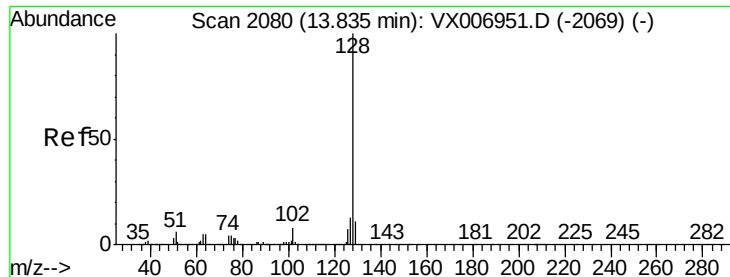
Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	225	Resp:	71243
Ion Ratio	Lower	Upper	
225	100		
223	62.2	32.1	96.3
227	63.4	32.3	96.8





#95

Naphthalene

Concen: 19.076 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Instrument :

MSVOA_X

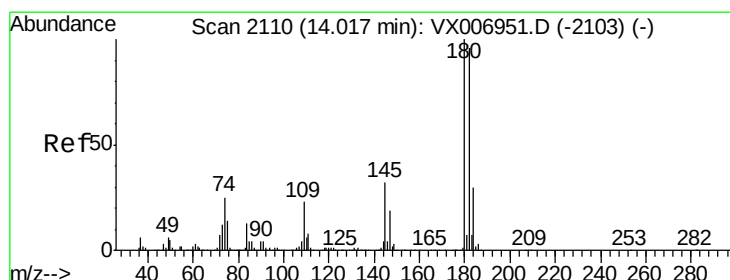
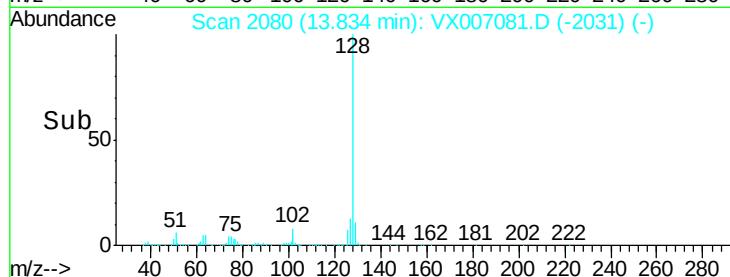
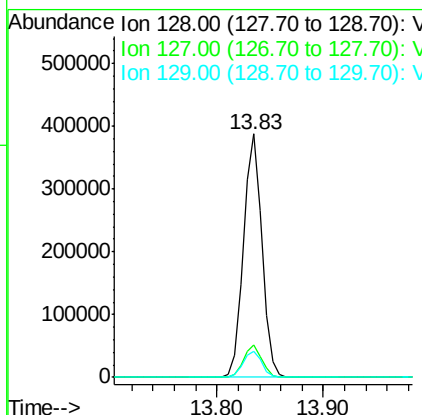
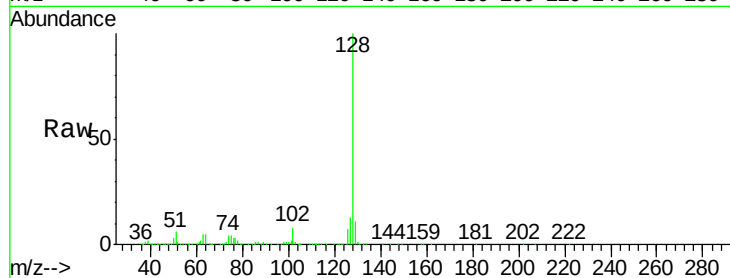
ClientSampleId :

VX0117MBS01

Tot Ion:	128	Resp:	471903
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:23:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.851 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007081.D

Acq: 17 Jan 2019 11:50

Tgt Ion:	180	Resp:	152882
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.5	145.5
145	30.9	16.0	47.9

