

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021319\
 Data File : VX007510.D
 Acq On : 13 Feb 2019 03:55
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 11:53:22 AM

Quant Time: Feb 13 08:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	79648	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	413716	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	367503	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	151552	29.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.03%
60) 4-Bromofluorobenzene	11.13	95	169346	30.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.07%
63) Toluene-d8	8.71	98	496469	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	78153	19.377 ug/l	97
3) Chloromethane	1.33	50	87841	19.817 ug/l	96
4) Vinyl Chloride	1.41	62	96831	19.421 ug/l	99
5) Bromomethane	1.64	94	81035	18.200 ug/l	93
6) Chloroethane	1.73	64	64546	19.044 ug/l	99
7) Trichlorofluoromethane	1.93	101	150516	19.258 ug/l	96
8) Diethyl Ether	2.19	74	61943	19.840 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82561	18.722 ug/l	98
10) 1,1-Dichloroethene	2.38	96	85270	19.487 ug/l	97
11) Methyl Iodide	2.51	142	112988	17.966 ug/l	99
12) Methyl Acetate	2.78	43	112605	18.660 ug/l	100
13) Acrolein	2.30	56	73631	69.949 ug/l	94
14) Acrylonitrile	3.15	53	269868	97.059 ug/l	99
15) Acetone	2.45	58	74974	99.358 ug/l	90
16) Carbon Disulfide	2.57	76	221641	19.101 ug/l	100
17) Allyl chloride	2.73	41	142169	18.963 ug/l	96
18) Methylene Chloride	2.86	84	96941	19.700 ug/l	95
19) trans-1,2-Dichloroethene	3.17	96	89033	19.024 ug/l	100
20) Diisopropyl ether	3.87	45	278236	19.638 ug/l	97
21) 1,1-Dichloroethane	3.70	63	157778	19.863 ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	101134	19.418 ug/l	99
23) tert-Butyl Alcohol	3.07	59	115843	99.125 ug/l	100
24) Methyl tert-Butyl Ether	3.20	73	296203	19.506 ug/l	97
25) Chloroform	5.21	83	166167	19.807 ug/l	97
26) Cyclohexane	5.57	56	130301	19.563 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	115431	20.002 ug/l	99
30) 2-Butanone	4.70	43	348611	102.077 ug/l	99
31) 2,2-Dichloropropane	4.59	77	80121m	17.088 ug/l	
32) 1,1,1-Trichloroethane	5.50	97	138551	20.086 ug/l	# 87
33) Carbon Tetrachloride	5.78	117	119623	19.618 ug/l	97
34) Benzene	6.15	78	369358	20.303 ug/l	99
35) Methacrylonitrile	5.06	41	70693	19.909 ug/l	95
36) 1,2-Dichloroethane	6.20	62	126239	20.390 ug/l	98
37) Trichloroethene	7.21	130	105444	20.159 ug/l	99
38) Methylcyclohexane	7.46	83	127071	19.021 ug/l	99
39) 1,2-Dichloropropane	7.52	63	90850	20.077 ug/l	98
40) Dibromomethane	7.66	93	65840	20.146 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	115077	19.842	ug/l	99
42) Vinyl Acetate	3.82	43	1186730	99.275	ug/l	99
43) Ethyl Acetate	4.86	43	129941	19.868	ug/l #	79
44) Isopropyl Acetate	6.46	43	200145	19.821	ug/l	99
45) 1,4-Dioxane	7.75	88	48946	410.714	ug/l	99
46) Methyl methacrylate	7.77	41	103401	20.222	ug/l	96
47) n-amyl Acetate	10.90	43	170628	19.171	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	112486	18.788	ug/l	98
49) cis-1,3-Dichloropropene	8.44	75	128212	19.230	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	96943	20.344	ug/l	98
51) Ethyl methacrylate	9.18	69	139024	20.124	ug/l	99
52) 1,3-Dichloropropane	9.37	76	157442	20.483	ug/l	98
53) Dibromochloromethane	9.59	129	96248	19.419	ug/l	99
54) 1,2-Dibromoethane	9.67	107	106548	20.420	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	333651	94.995	ug/l	99
56) Bromoform	10.85	173	70502	18.858	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	687882	104.062	ug/l	100
59) 2-Hexanone	9.49	43	521609	103.886	ug/l	99
61) Tetrachloroethene	9.34	164	105678	20.256	ug/l	99
62) Toluene	8.78	91	403592	20.165	ug/l	99
64) Chlorobenzene	10.13	112	264739	20.354	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	94693	20.100	ug/l	99
66) Ethyl Benzene	10.25	91	429284	20.212	ug/l	99
67) m/p-Xylenes	10.36	106	334045	40.099	ug/l	99
68) o-Xylene	10.69	106	164494	20.246	ug/l	98
69) Styrene	10.71	104	262537	20.024	ug/l	99
70) Isopropylbenzene	11.02	105	428283	19.981	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	146205	20.634	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	118124m	18.233	ug/l	
73) Bromobenzene	11.26	156	120085	20.520	ug/l	99
74) n-propylbenzene	11.36	91	471088	19.794	ug/l	100
75) 2-Chlorotoluene	11.42	91	282777	19.871	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	349267	19.961	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32626	17.446	ug/l	96
78) 4-Chlorotoluene	11.51	91	316167	19.465	ug/l	99
79) tert-butylbenzene	12.06	119	356811	19.205	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	354576	19.963	ug/l	98
81) sec-Butylbenzene	11.94	105	415399	19.880	ug/l	100
82) p-Isopropyltoluene	12.06	119	356811	19.205	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	204167	19.845	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	202151	19.691	ug/l	98
85) n-Butylbenzene	12.39	91	289413	18.772	ug/l	99
86) Hexachloroethane	12.60	117	58451	18.949	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	209401	20.279	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28998	19.611	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	129418	19.083	ug/l	99
90) Hexachlorobutadiene	13.78	225	58630	18.503	ug/l	96
91) Naphthalene	13.83	128	426118	19.701	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	134774	19.549	ug/l	98

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ClientSampleId :
VSTDCCC020EC

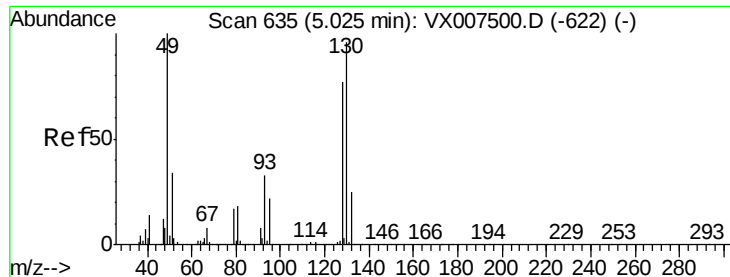
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

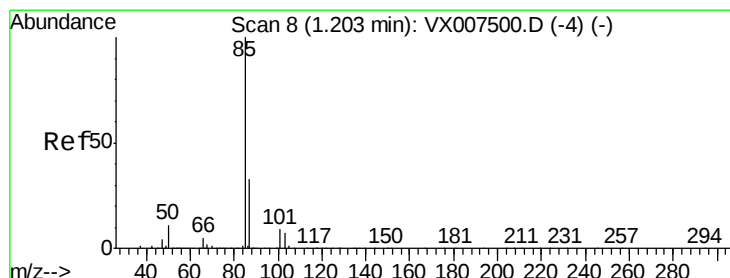
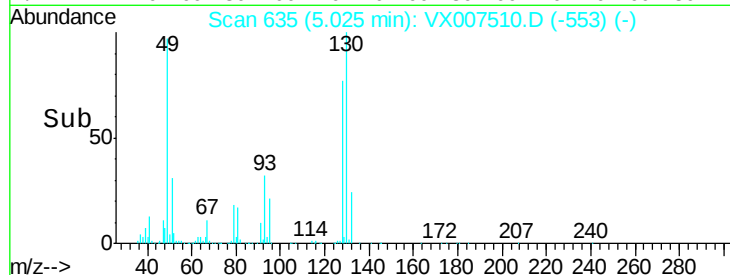
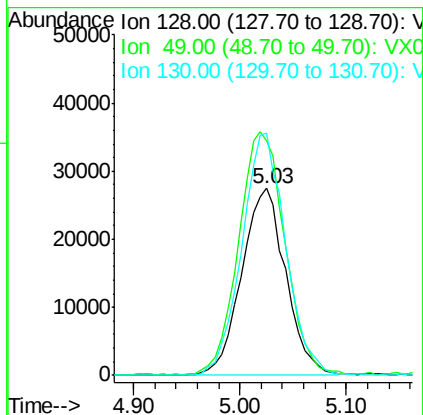
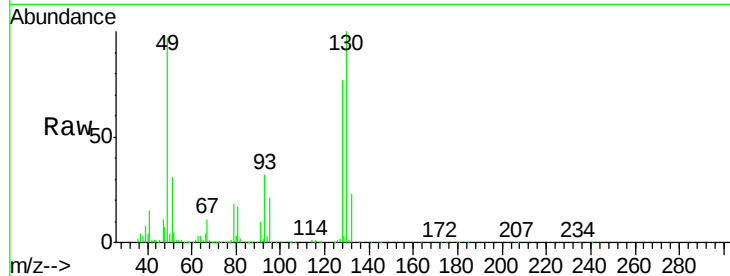
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	79648
Ion	Ratio	Lower	Upper
128	100		
49	136.0	0.0	350.8
130	129.2	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 19.377 ug/l

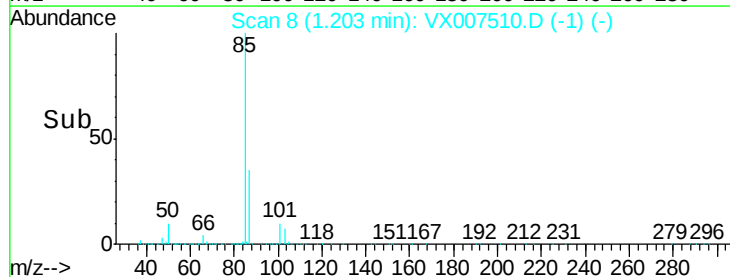
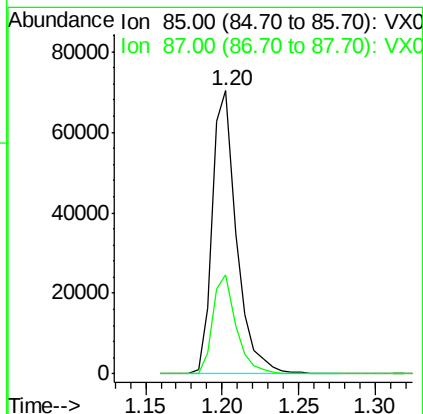
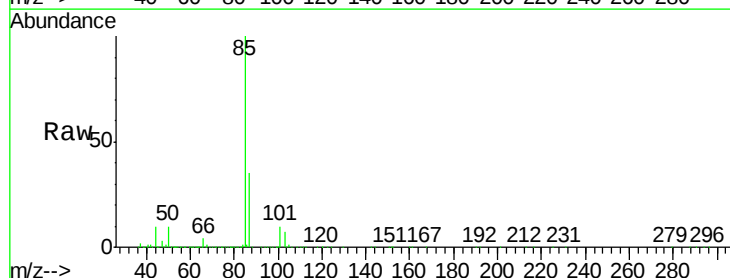
RT: 1.20 min Scan# 8

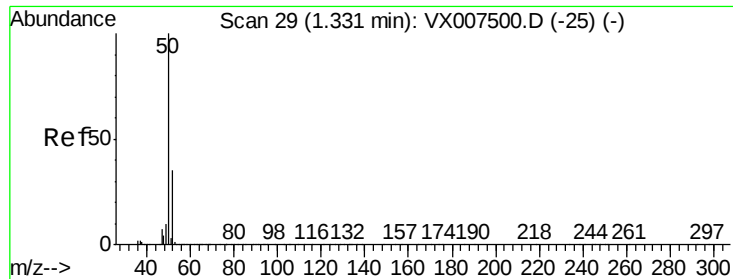
Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	85	Resp:	78153
Ion	Ratio	Lower	Upper
85	100		
87	34.9	16.6	49.8





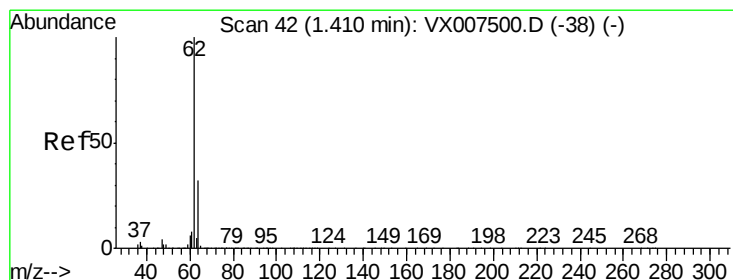
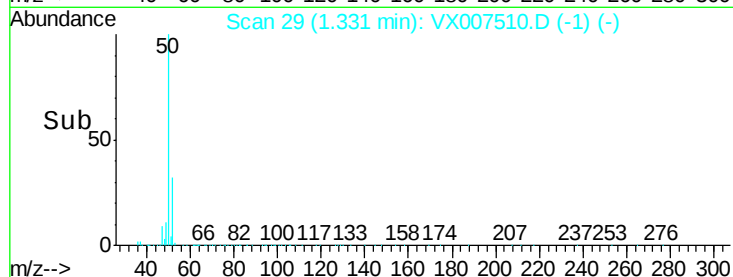
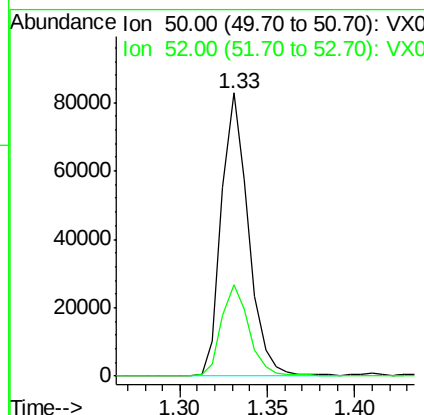
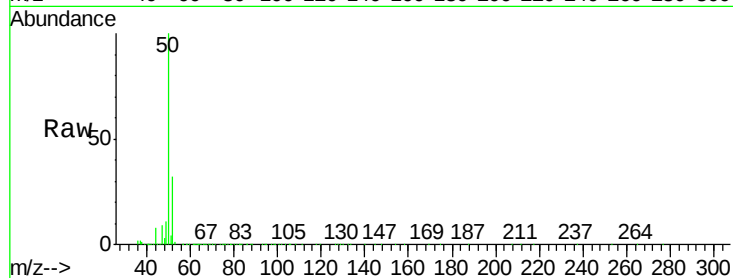
#3
Chloromethane
Concen: 19.817 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	50	Resp	87841
Ion Ratio	Lower	Upper	
50	100		
52	32.3	27.5	41.3

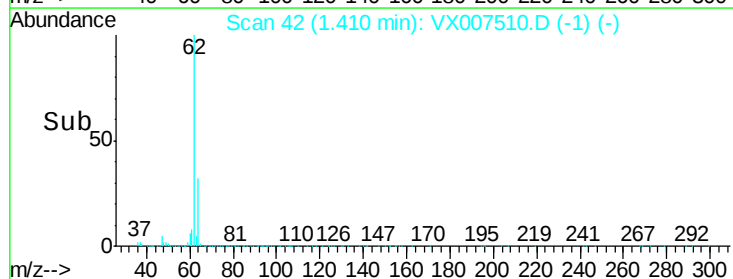
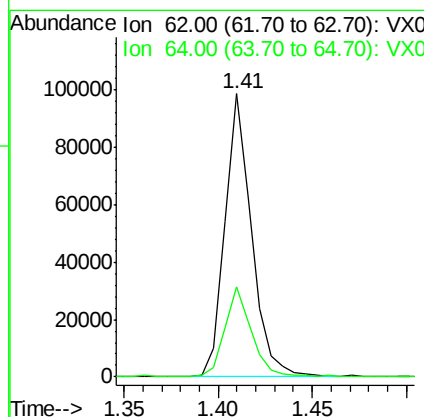
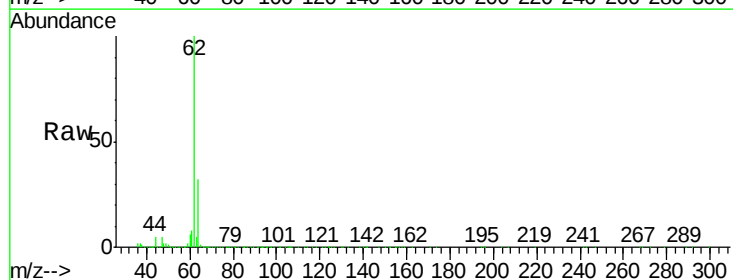
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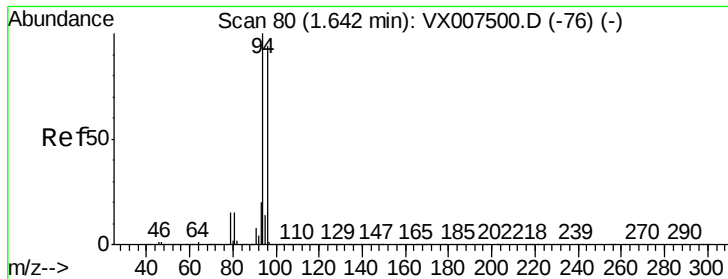
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#4
Vinyl Chloride
Concen: 19.421 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	62	Resp	96831
Ion Ratio	Lower	Upper	
62	100		
64	31.8	25.9	38.9





#5

Bromomethane

Concen: 18.200 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tot Ion: 94 Resp: 81035

Ion Ratio Lower Upper

94 100

96 100.9 75.6 113.4

Instrument :

MSVOA_X

ClientSampleId :

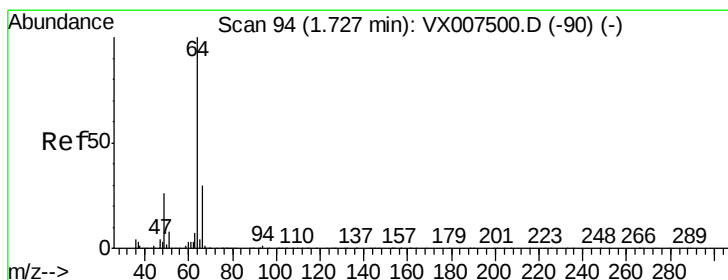
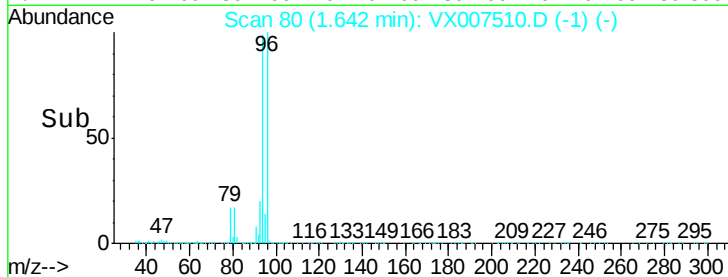
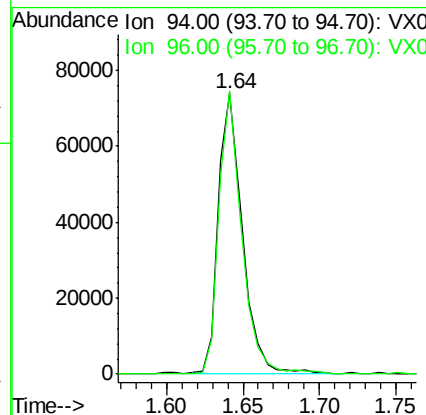
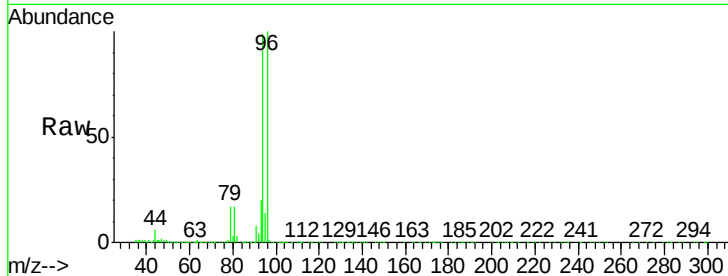
VSTDCCC020EC

Manual Integrations

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2/13/2019 11:53:22 AM



#6

Chloroethane

Concen: 19.044 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007510.D

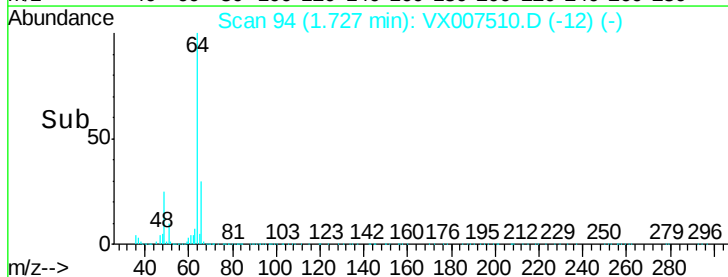
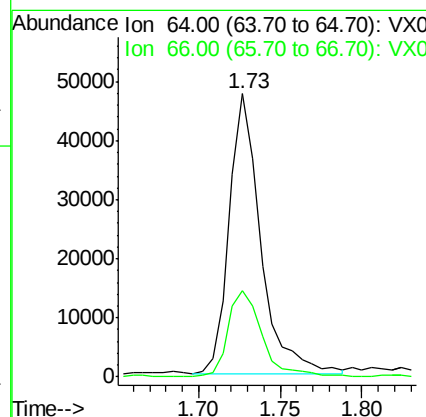
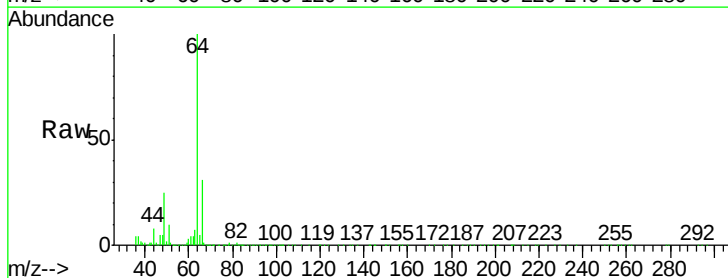
Acq: 13 Feb 2019 03:55

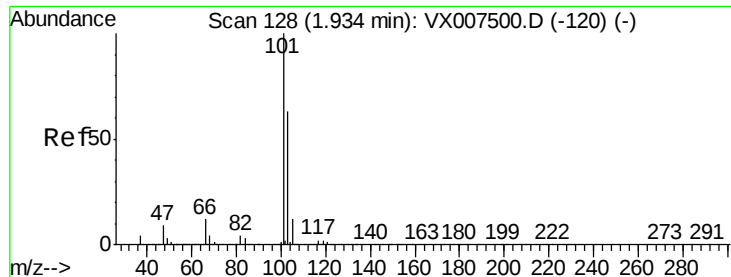
Tgt Ion: 64 Resp: 64546

Ion Ratio Lower Upper

64 100

66 30.3 23.9 35.9





#7

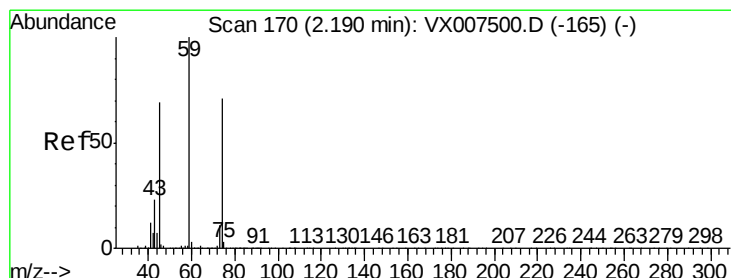
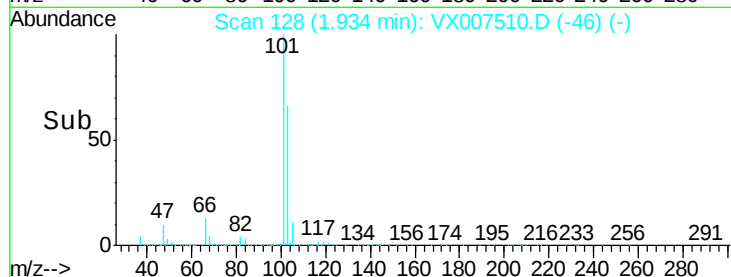
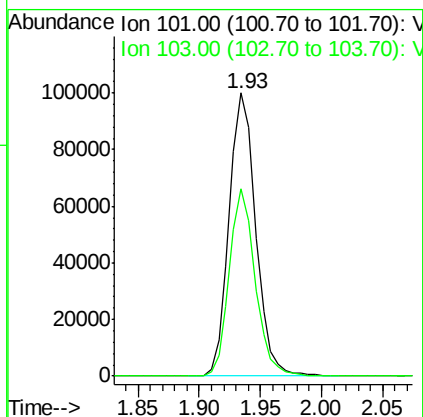
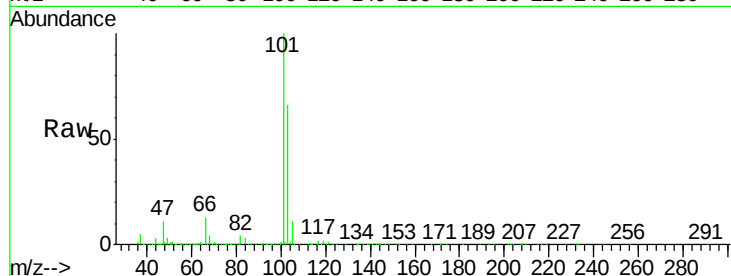
Trichlorofluoromethane
Concen: 19.258 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.4	75.6

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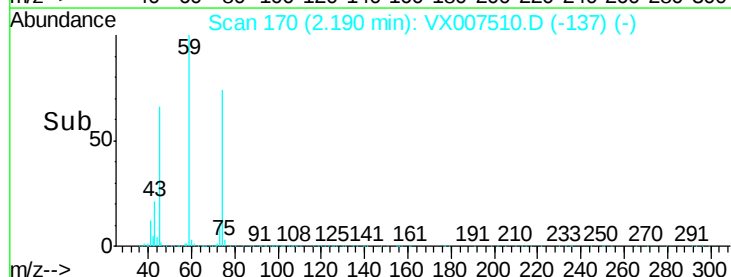
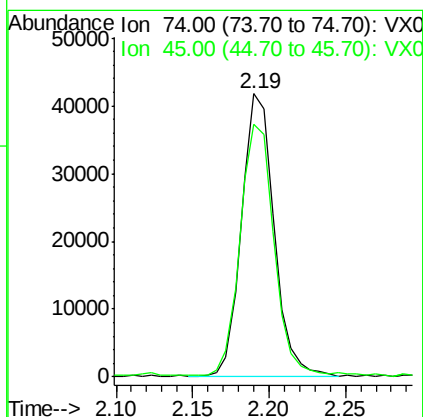
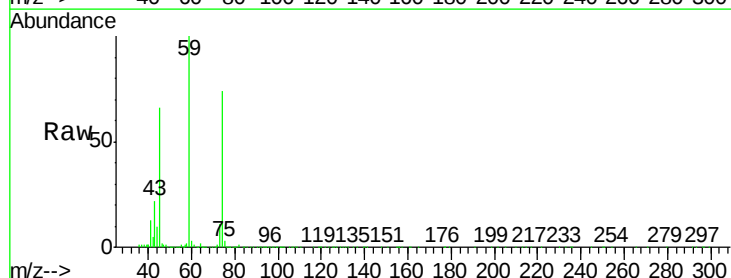
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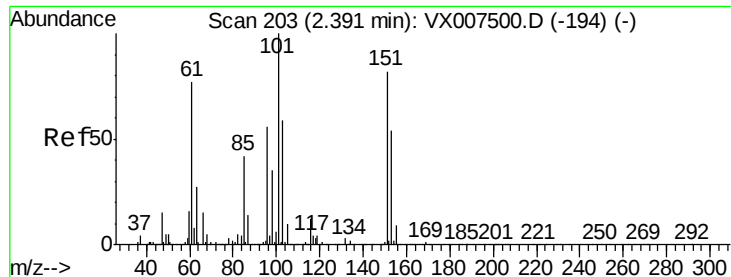


#8

Diethyl Ether
Concen: 19.840 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.722 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

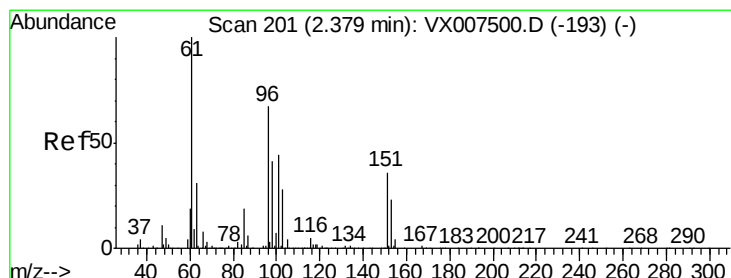
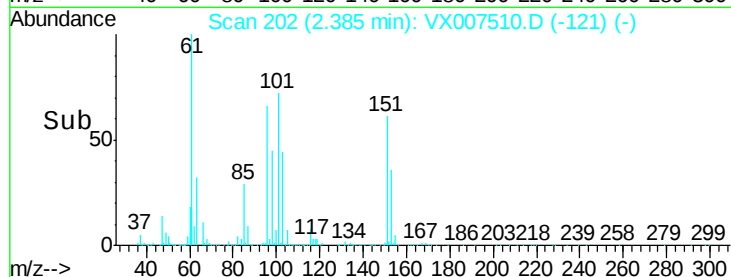
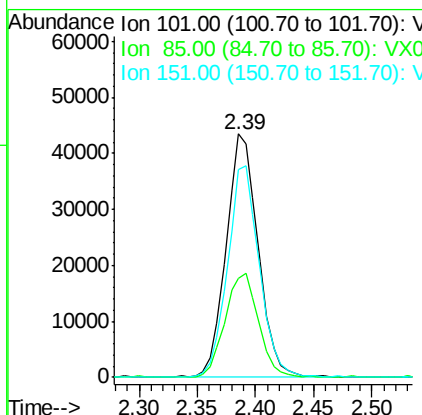
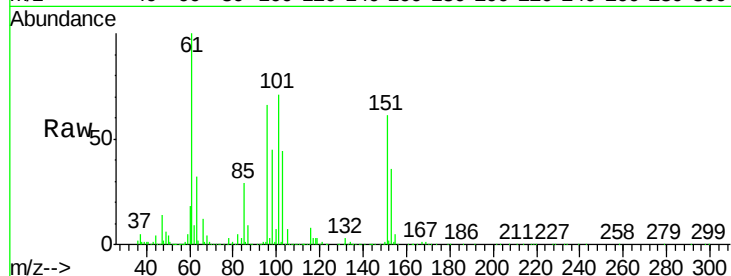
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	82561
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	86.8
151	86.7	0.0	169.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.487 ug/l

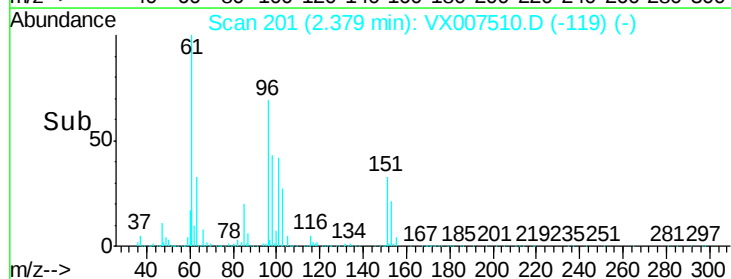
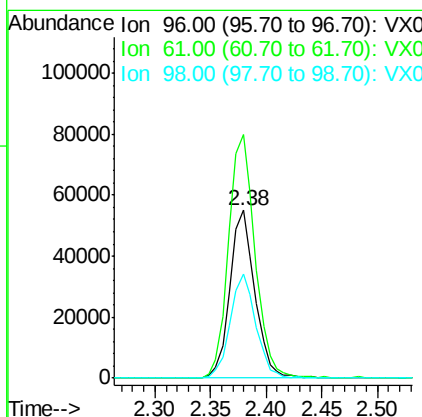
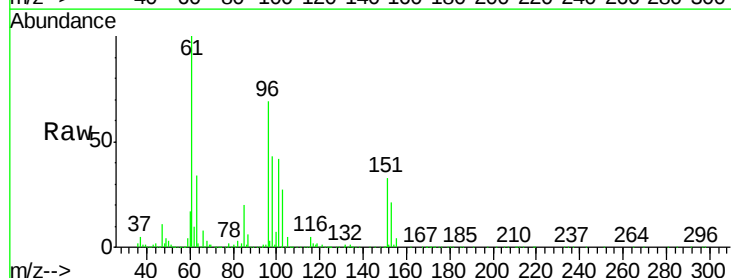
RT: 2.38 min Scan# 201

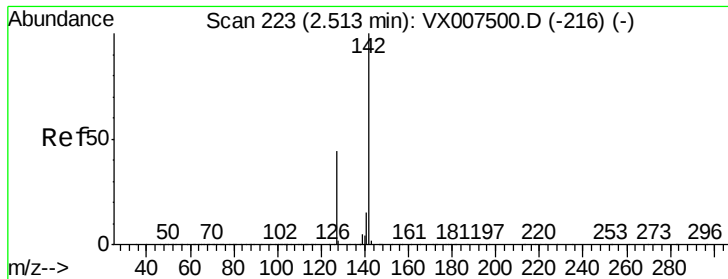
Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	96	Resp:	85270
Ion Ratio	Lower	Upper	
96	100		
61	145.0	120.2	180.2
98	62.2	49.0	73.4





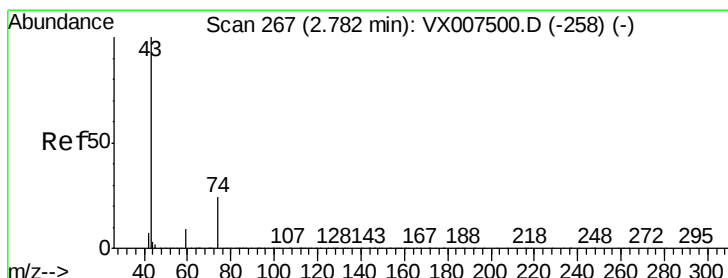
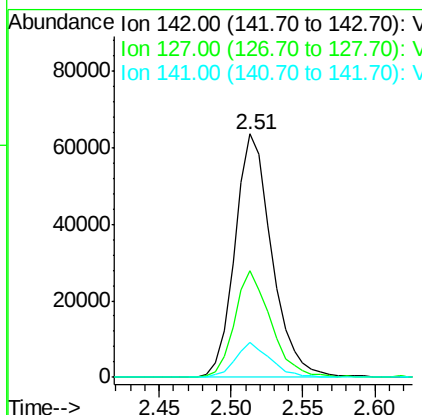
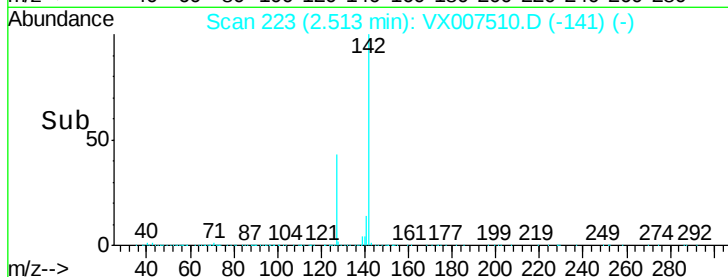
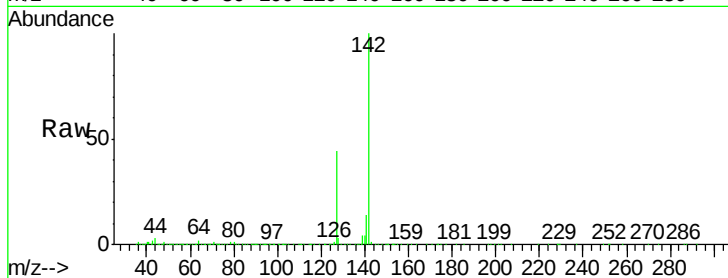
#11
Methvl Iodide
Concen: 17.966 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.6	22.1	66.5
141	14.3	7.4	22.3

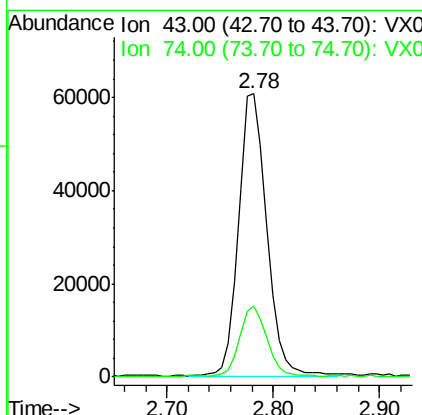
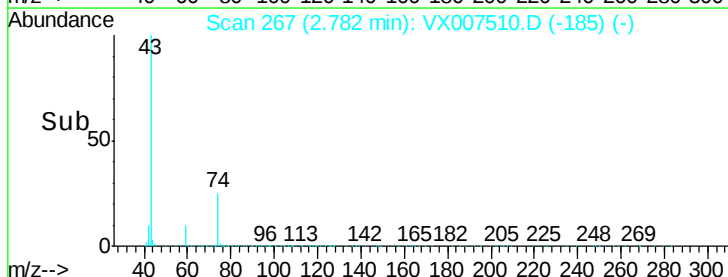
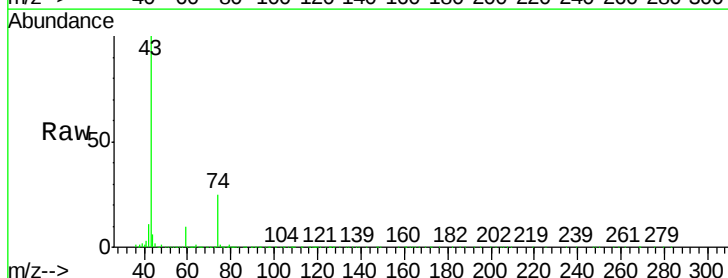
Manual Integrations
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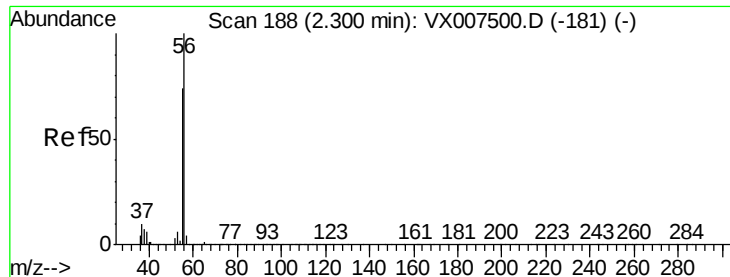
MMDadoda
2/13/2019 11:53:22 AM



#12
Methyl Acetate
Concen: 18.660 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.0





#13

Acrolein

Concen: 69.949 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 73631

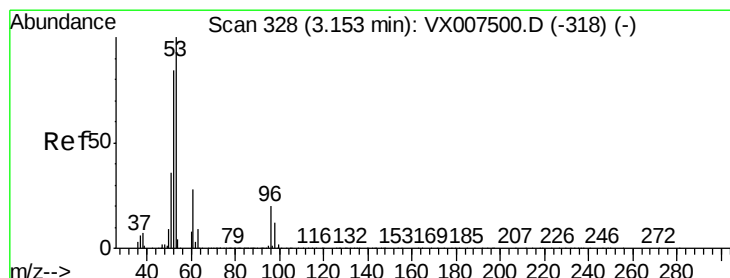
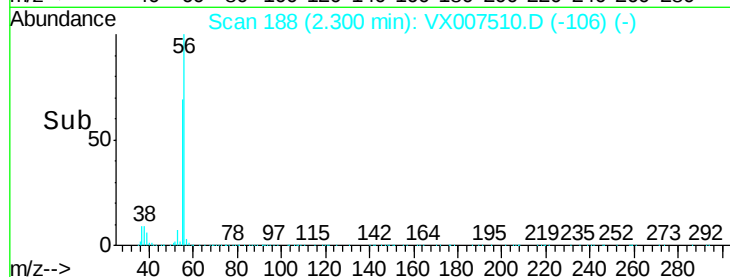
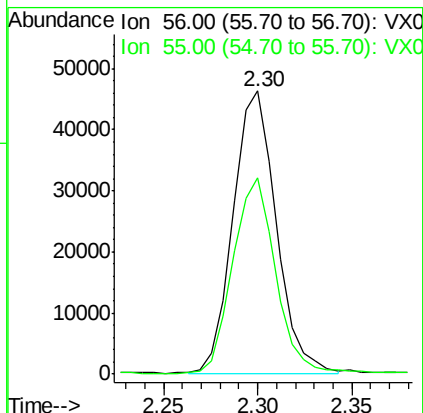
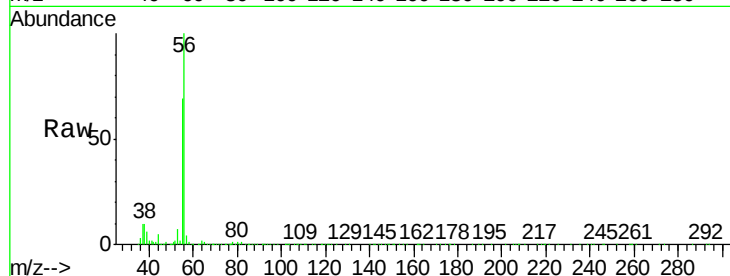
Ion Ratio Lower Upper

56 100

55 68.5 58.6 87.8

Manual Integrations
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#14

Acrylonitrile

Concen: 97.059 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

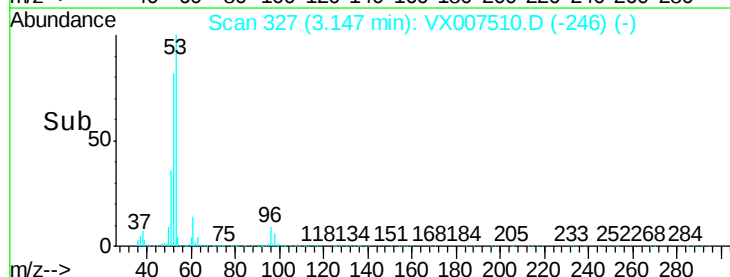
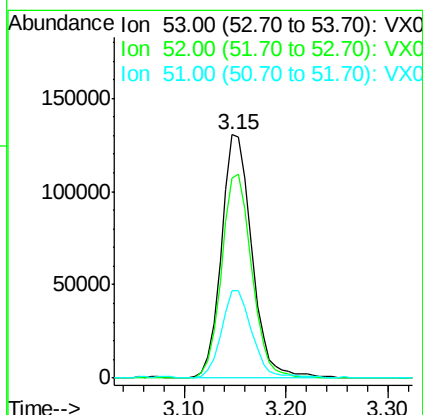
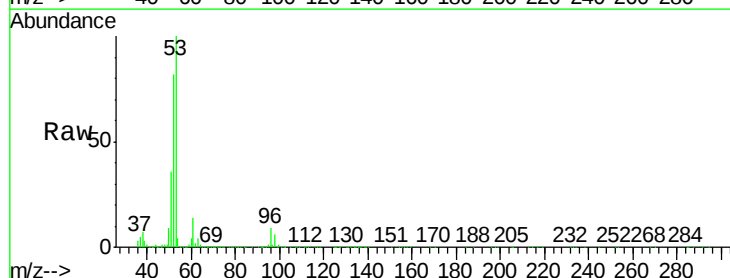
Tgt Ion: 53 Resp: 269868

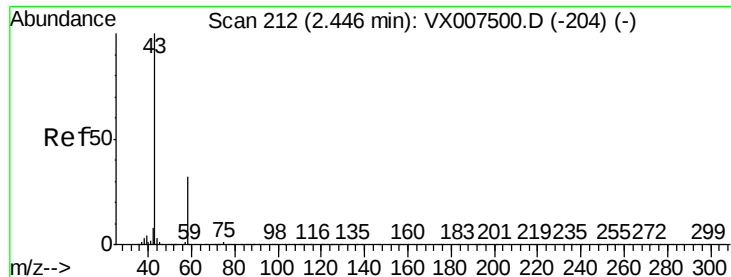
Ion Ratio Lower Upper

53 100

52 83.2 41.3 124.1

51 35.4 17.5 52.6





#15

Acetone

Concen: 99.358 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 74974

Ion Ratio Lower Upper

58 100

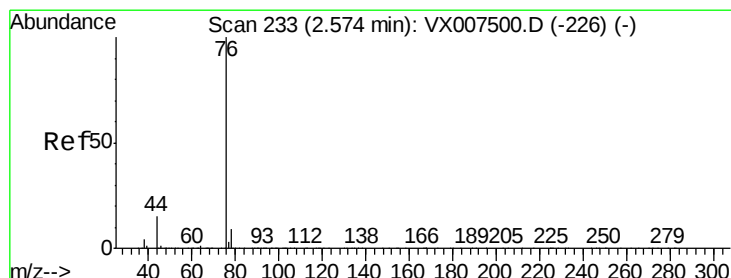
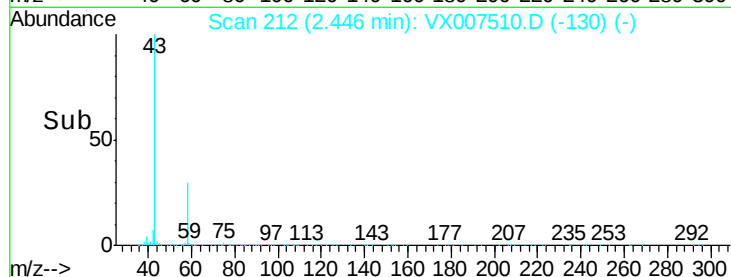
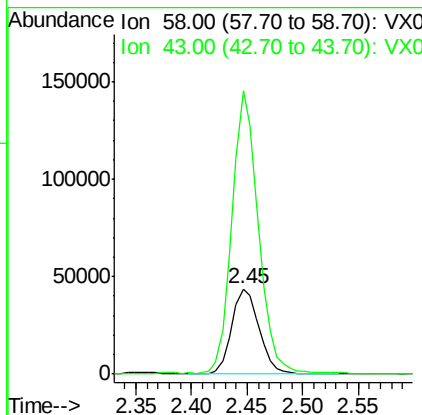
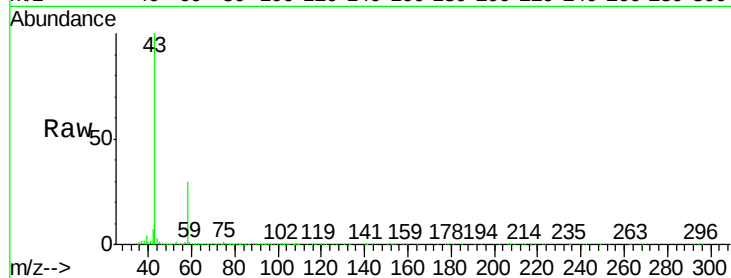
43 331.9 249.8 374.6

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.101 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007510.D

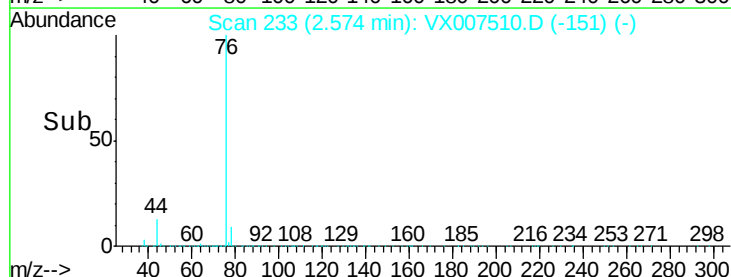
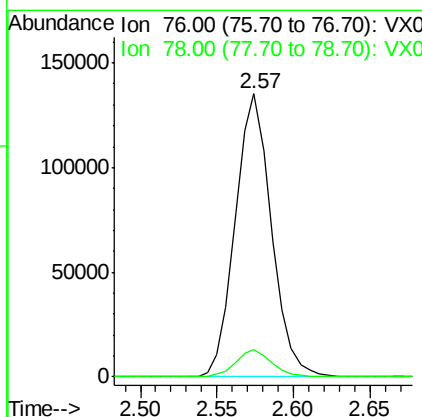
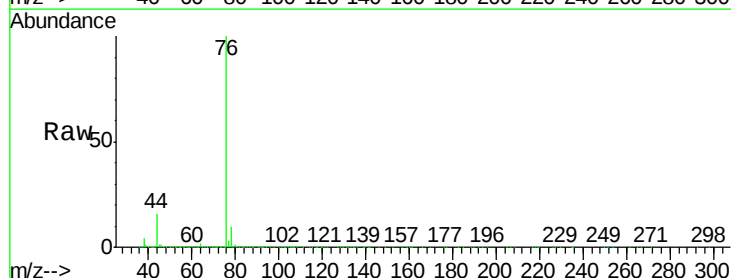
Acq: 13 Feb 2019 03:55

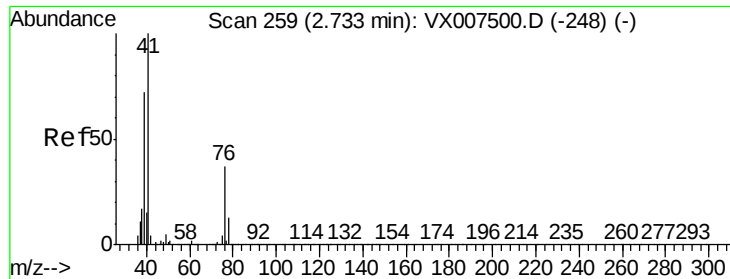
Tgt Ion: 76 Resp: 221641

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





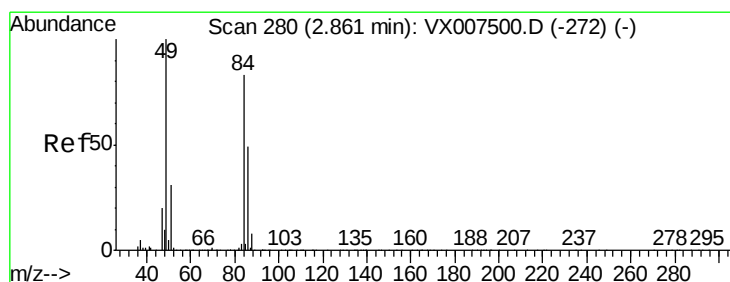
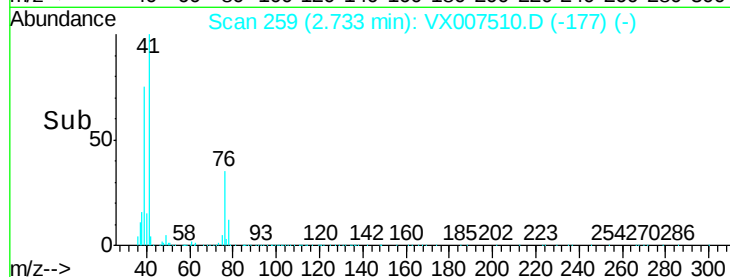
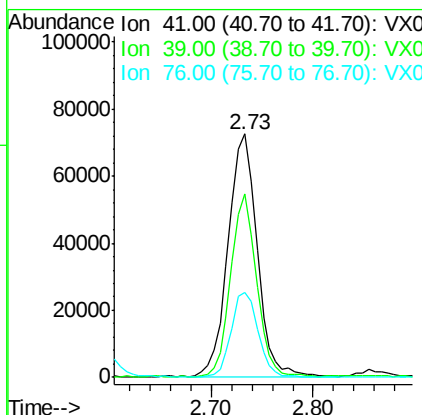
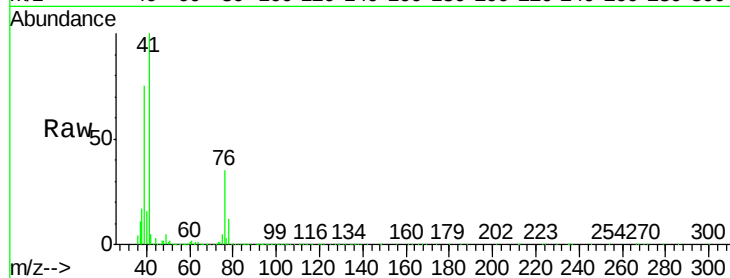
#17
Allvl chloride
Concen: 18.963 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.4	35.8	107.4
76	34.9	18.3	54.9

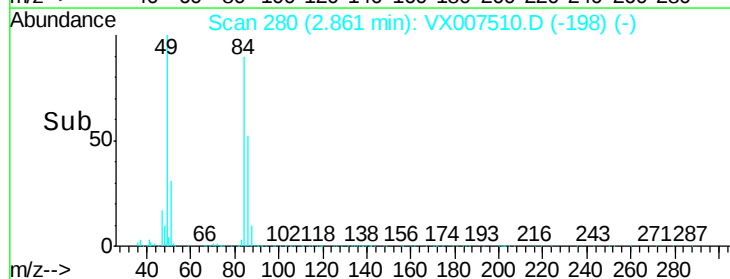
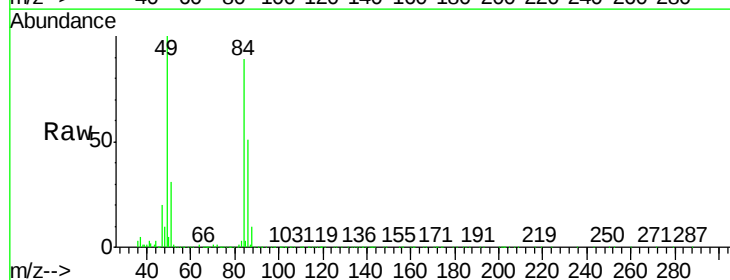
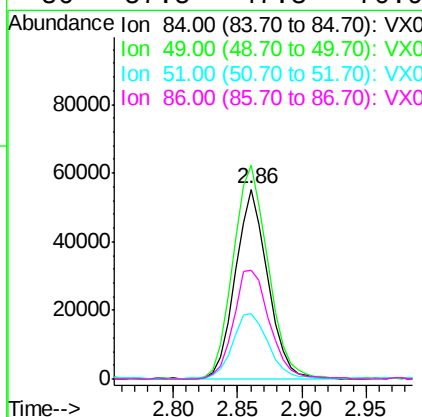
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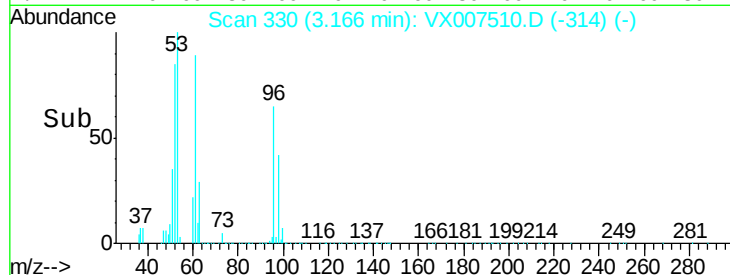
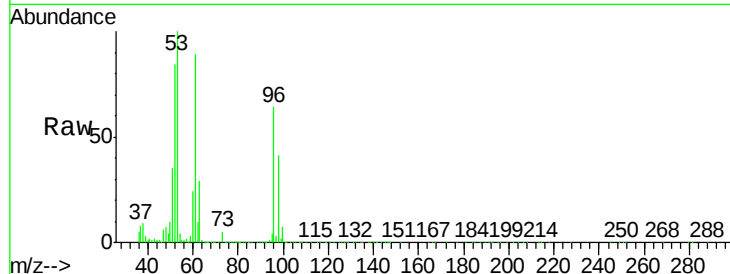
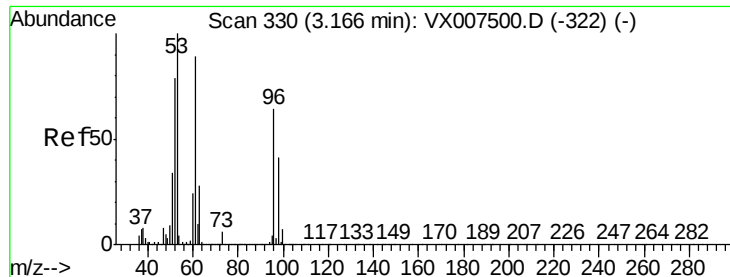
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#18
Methylene Chloride
Concen: 19.700 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.3	96.1	144.1
51	34.3	29.1	43.7
86	57.5	47.3	70.9





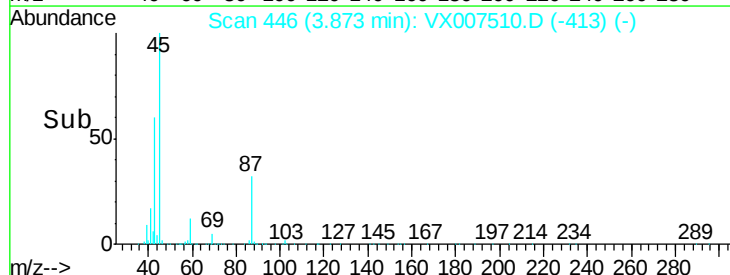
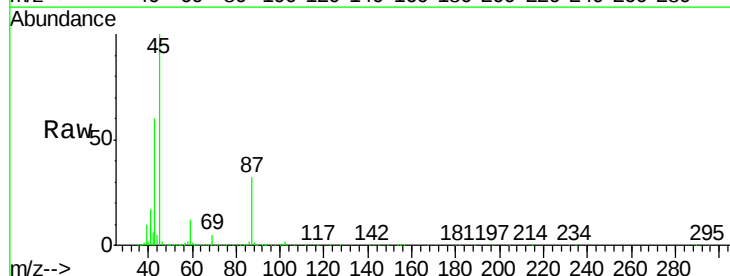
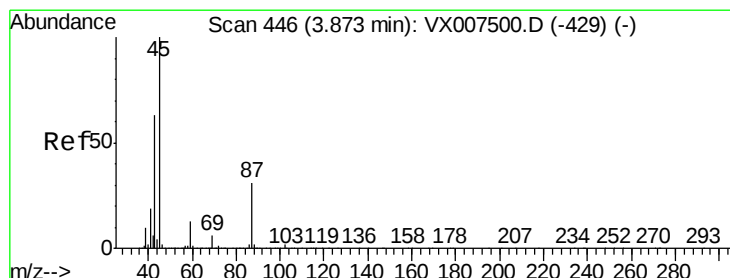
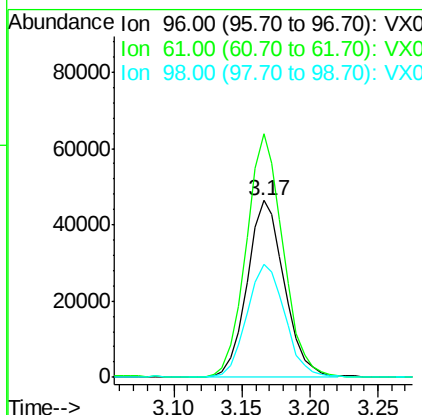
#19
trans-1,2-Dichloroethene
Concen: 19.024 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.5	109.9	164.9
98	64.1	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

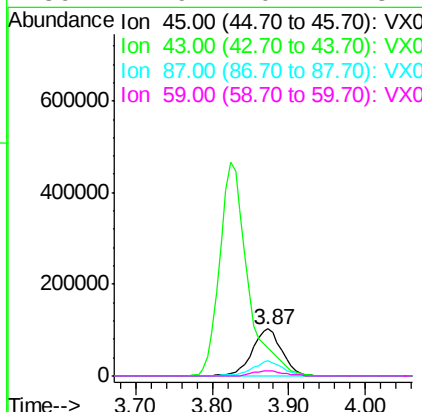
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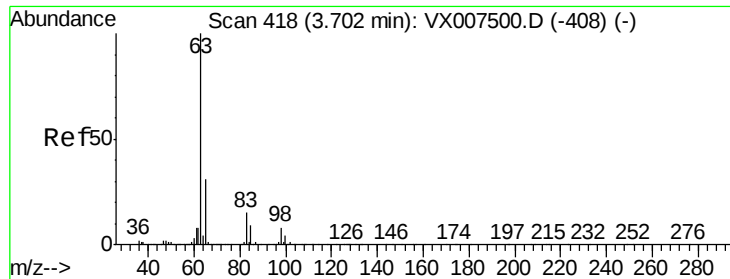
MMDadoda
2/13/2019 11:53:22 AM



#20
Diisopropyl ether
Concen: 19.638 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.3	50.6	76.0
87	32.3	24.5	36.7
59	11.9	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.863 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

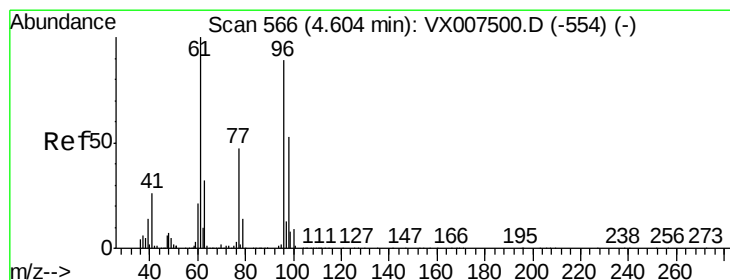
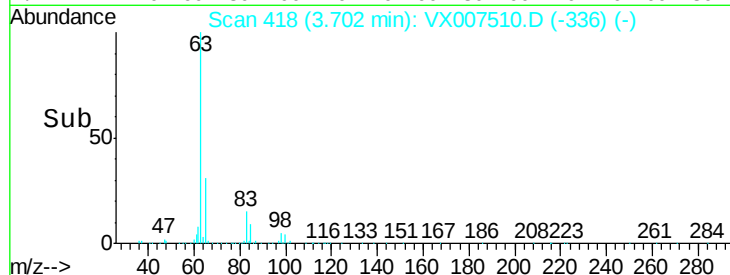
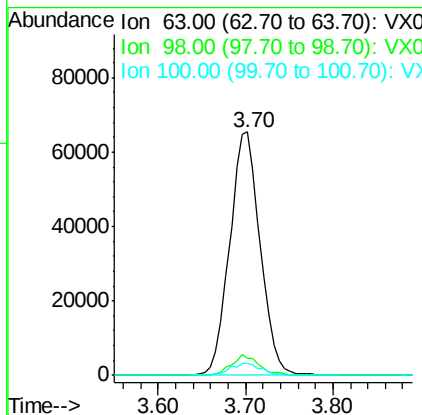
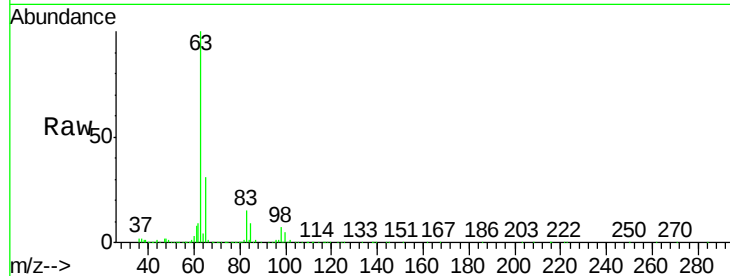
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	157778
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.8	11.4
100	4.9	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.418 ug/l

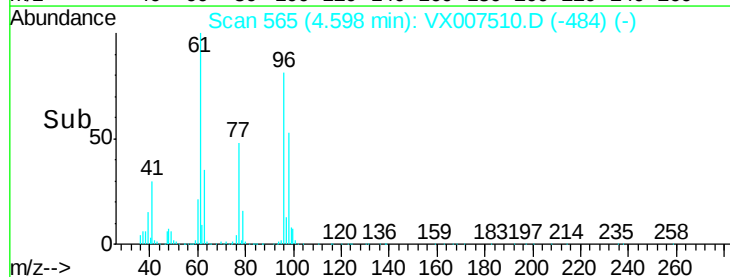
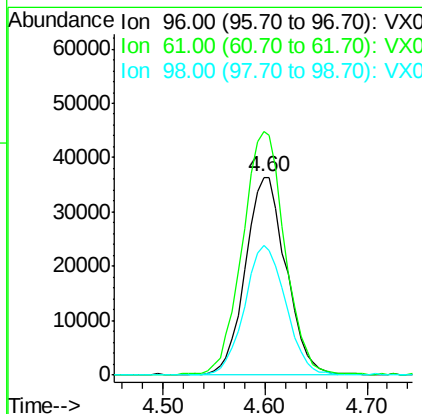
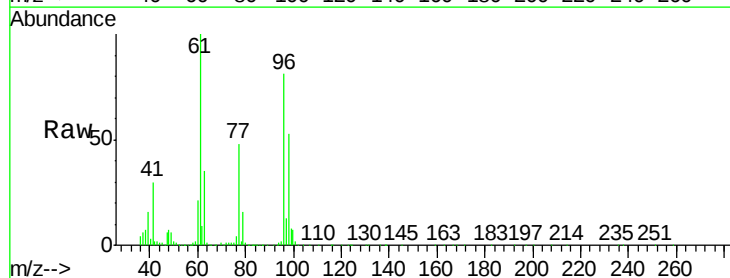
RT: 4.60 min Scan# 565

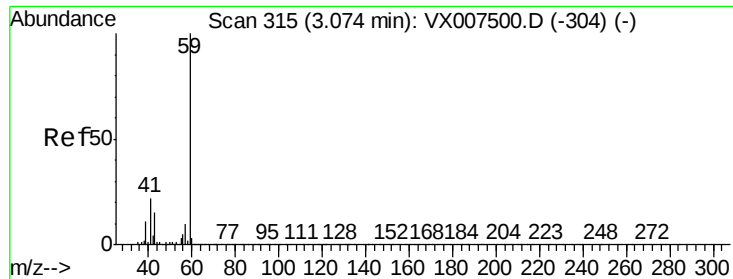
Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	96	Resp:	101134
Ion Ratio	Lower	Upper	
96	100		
61	128.0	103.5	155.3
98	65.8	52.1	78.1





#23

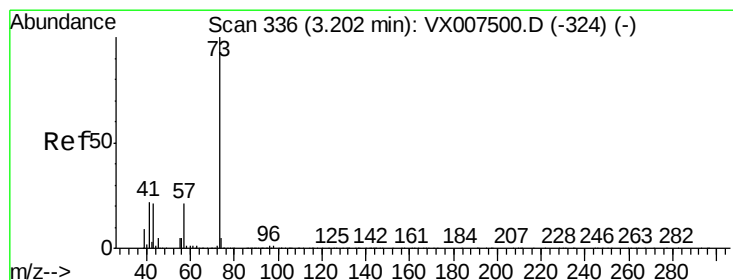
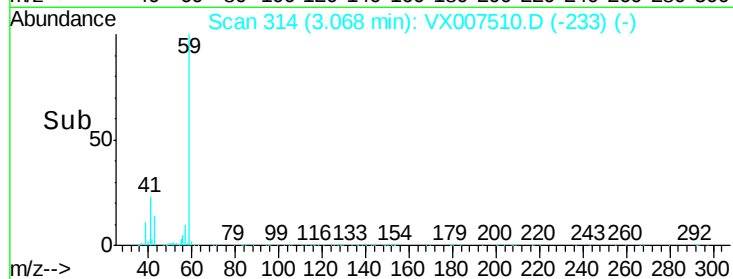
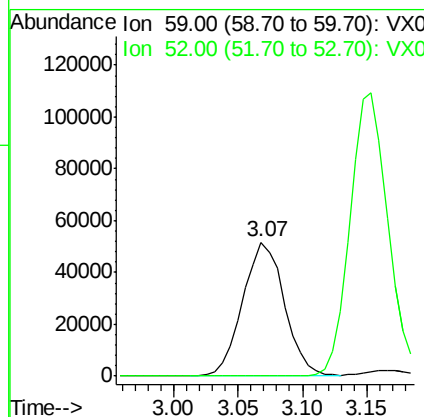
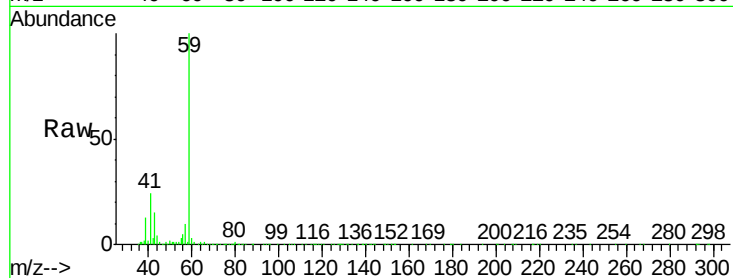
tert-Butyl Alcohol
 Concen: 99.125 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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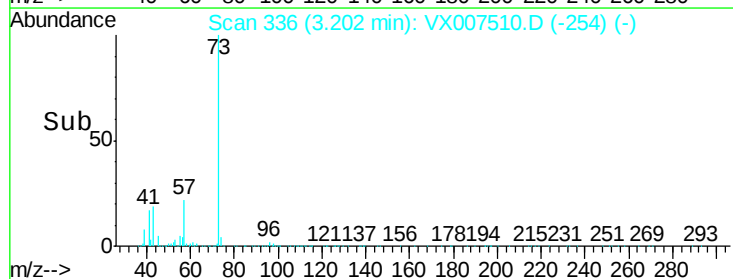
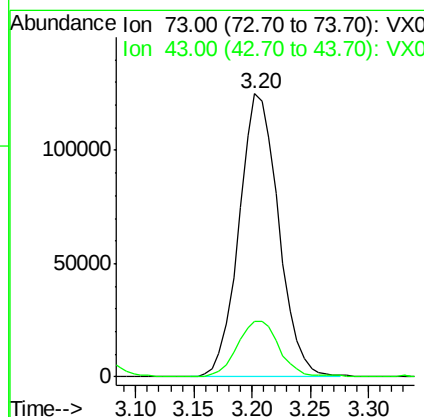
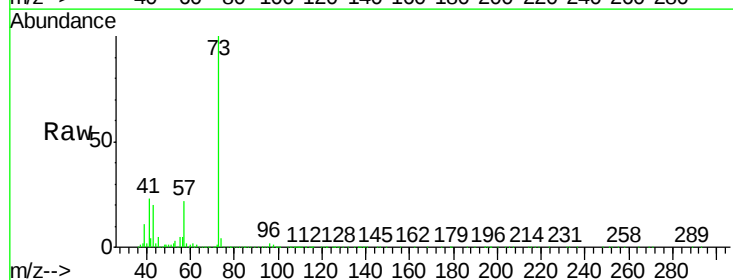
MMDadoda
 2/13/2019 11:53:22 AM

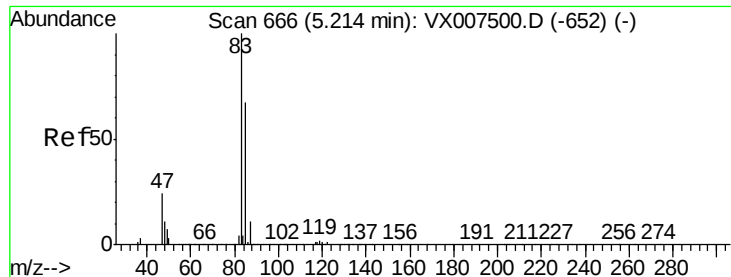


#24

Methyl tert-Butyl Ether
 Concen: 19.506 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.2	17.1	25.7





#25

Chloroform

Concen: 19.807 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 166167

Ion Ratio Lower Upper

83 100

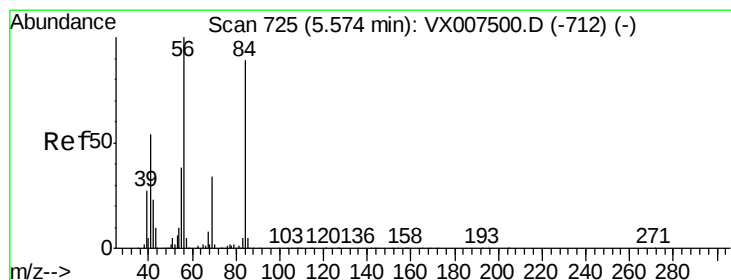
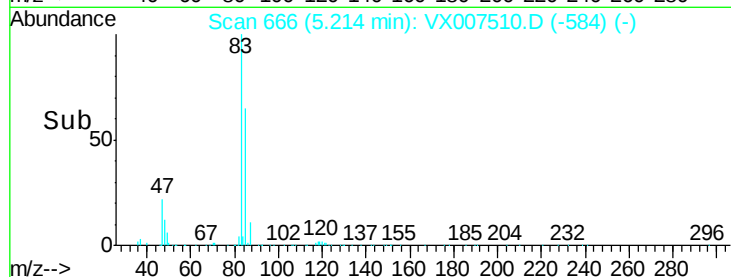
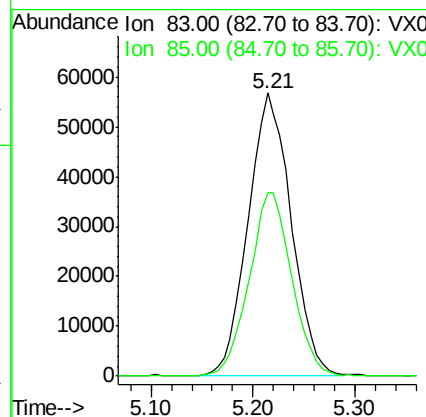
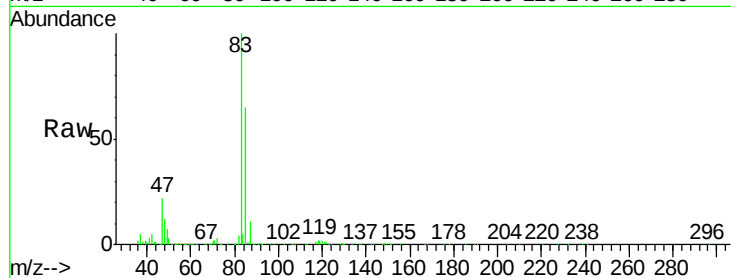
85 64.7 53.8 80.6

Manual Integrations

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#26

Cyclohexane

Concen: 19.563 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

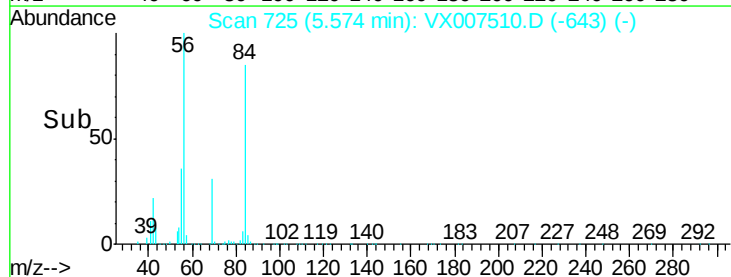
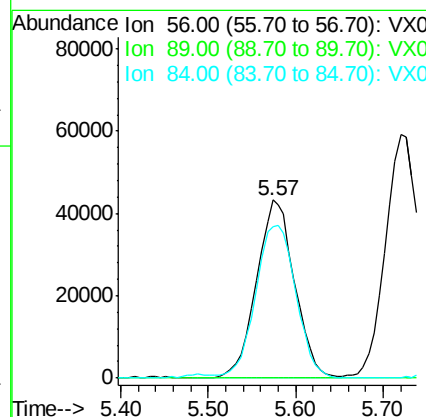
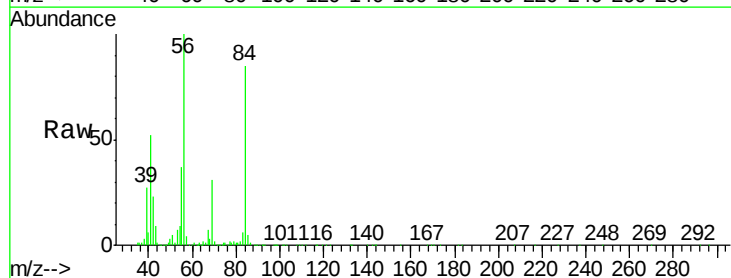
Tgt Ion: 56 Resp: 130301

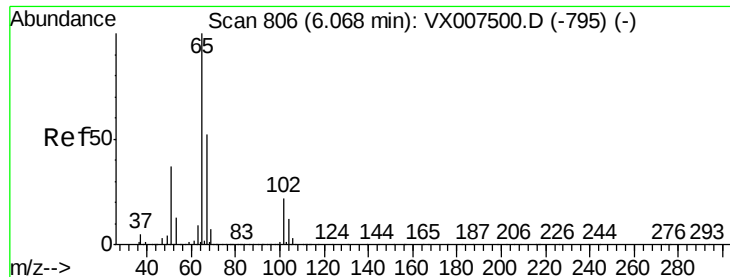
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 91.2 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.415 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 151552

Ion Ratio Lower Upper

65 100

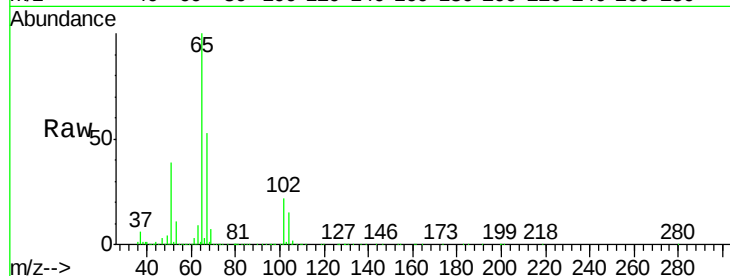
67 51.8 42.9 64.3

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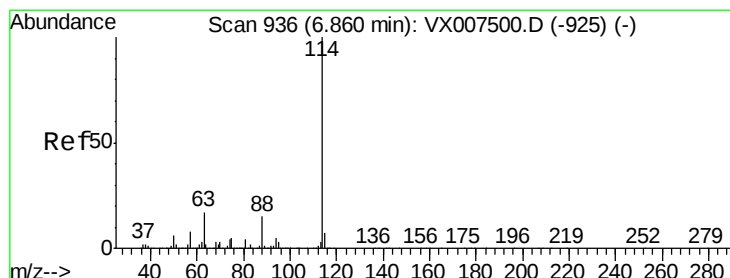
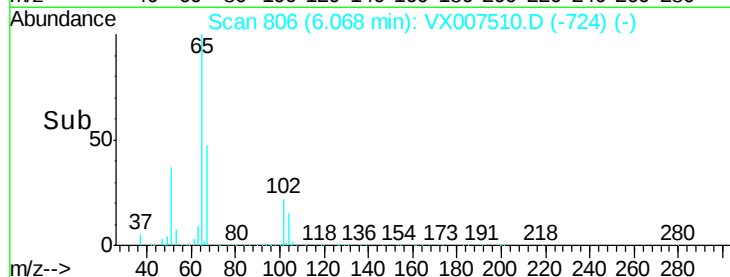
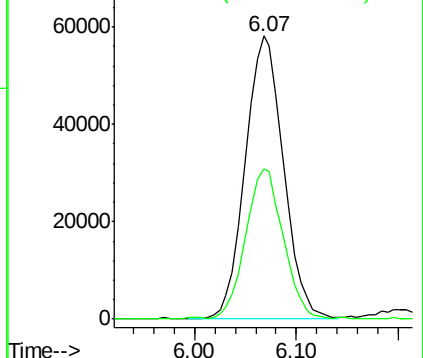
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

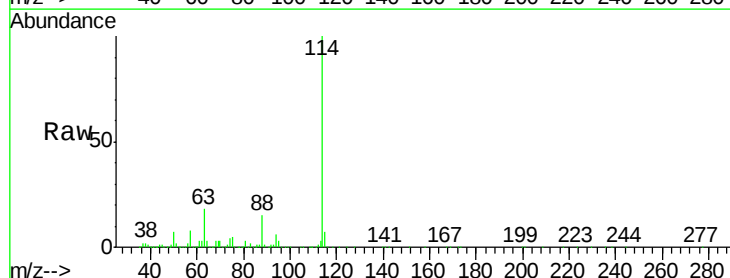
Tgt Ion: 114 Resp: 413716

Ion Ratio Lower Upper

114 100

63 18.0 14.2 21.4

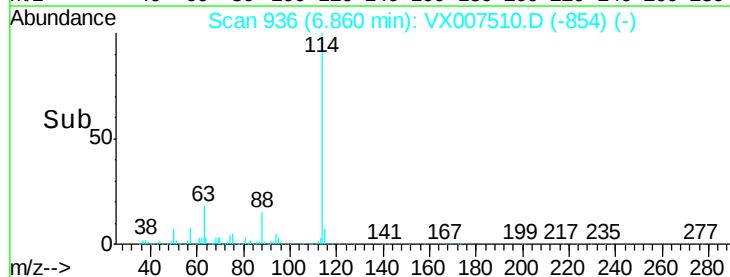
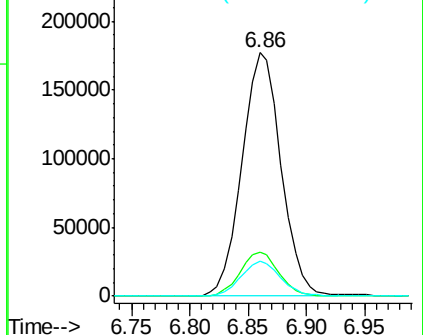
88 14.6 11.9 17.9

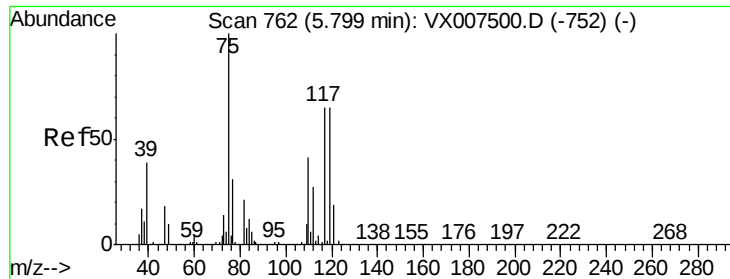


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





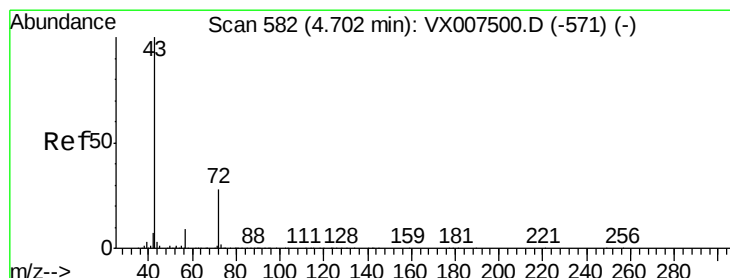
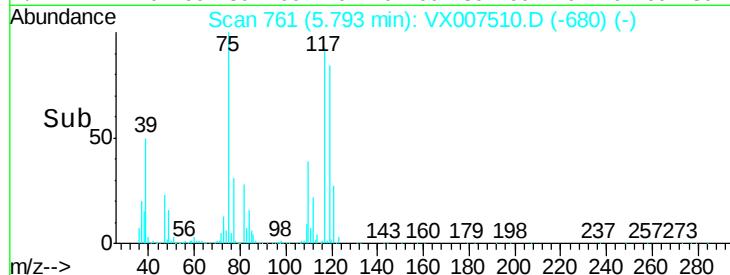
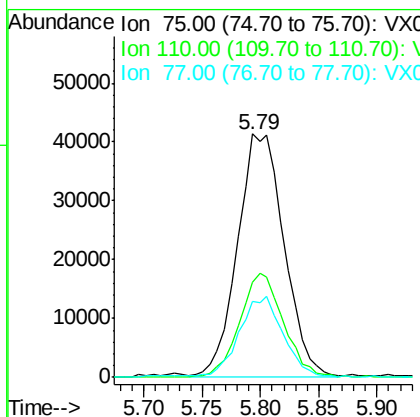
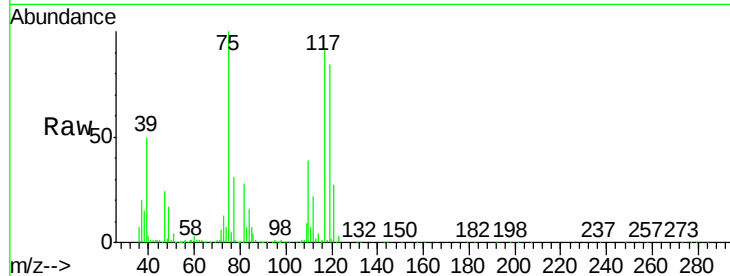
#29
 1,1-Dichloropropene
 Concen: 20.002 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	40.1	0.0	80.8
77	30.5	0.0	62.4

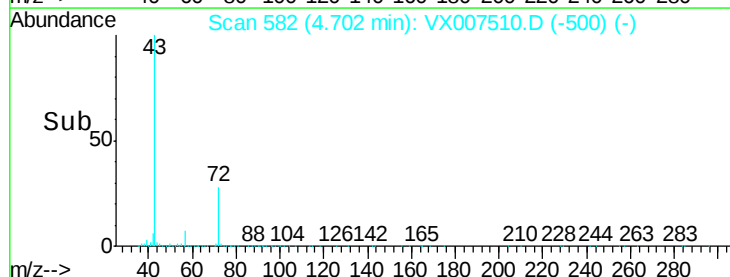
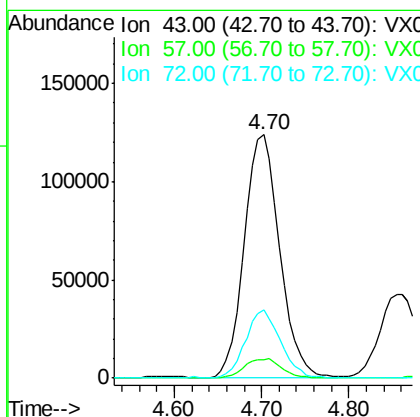
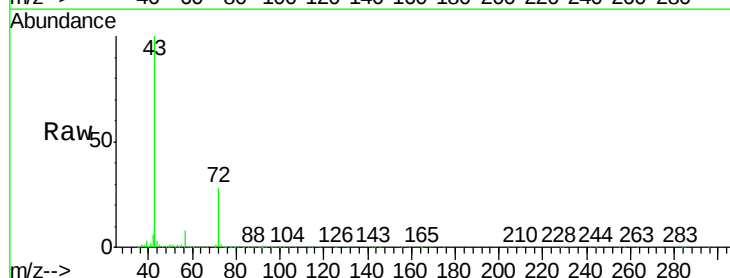
Manual Integrations
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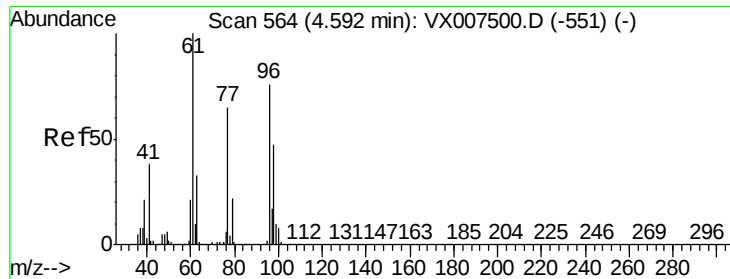
MMDadoda
 2/13/2019 11:53:22 AM



#30
 2-Butanone
 Concen: 102.077 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.5	21.5	32.3





#31

2,2-Dichloropropane

Concen: 17.088 ug/l m

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 80121

Ion Ratio Lower Upper

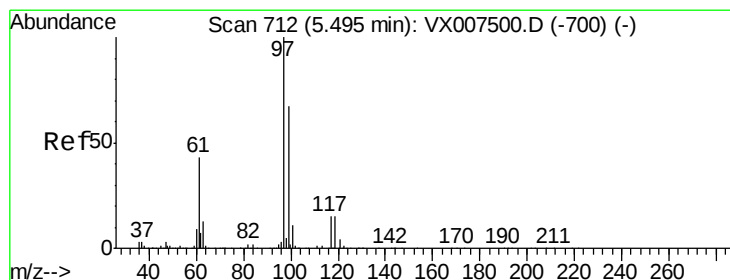
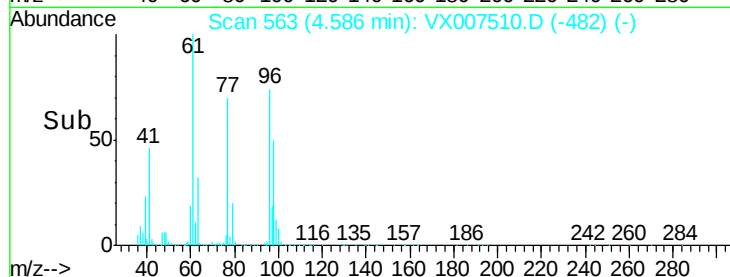
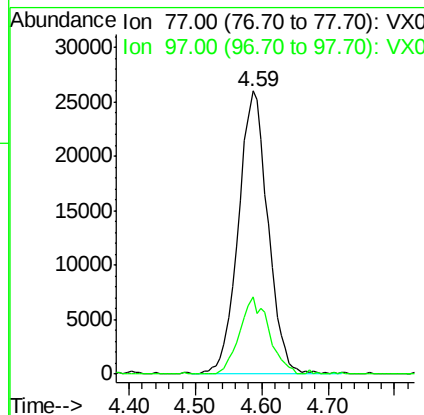
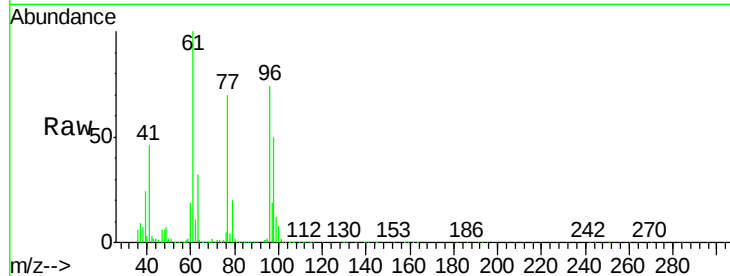
77 100

97 0.1 20.6 31.0#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.086 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

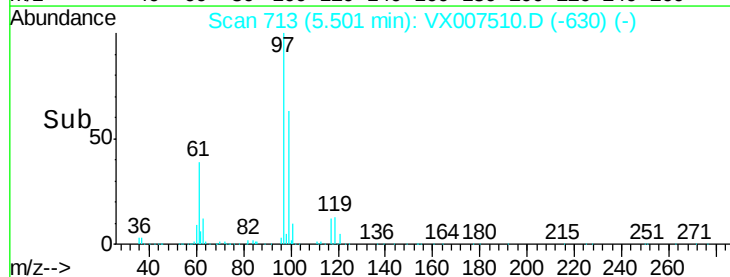
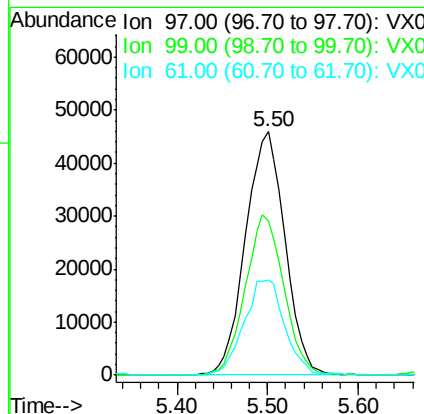
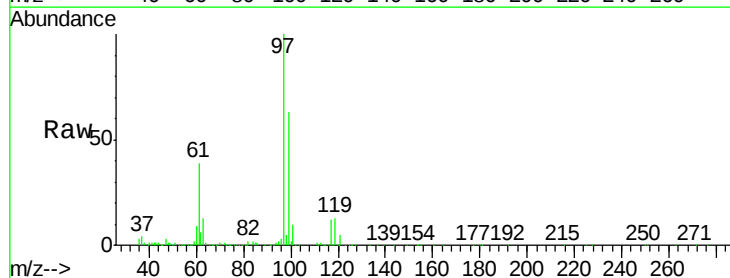
Tgt Ion: 97 Resp: 138551

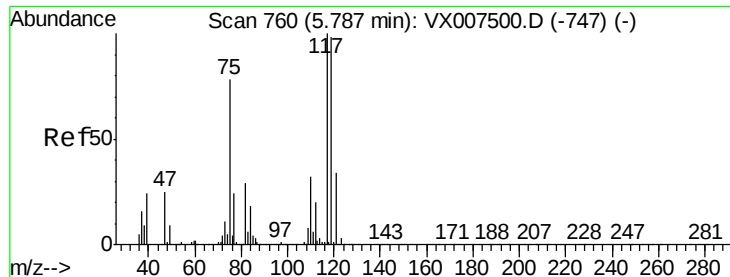
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 20.5 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.618 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

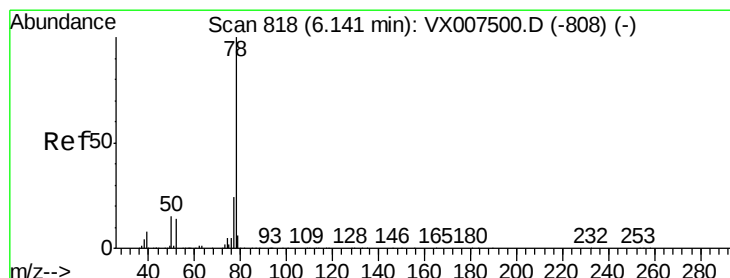
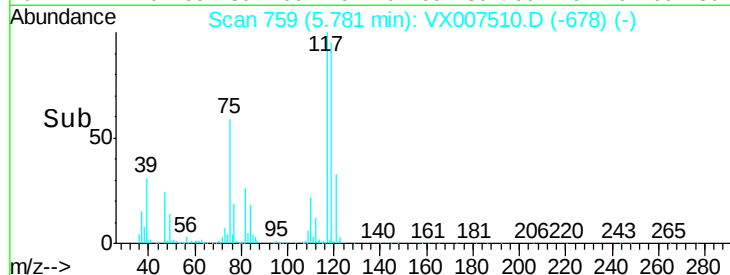
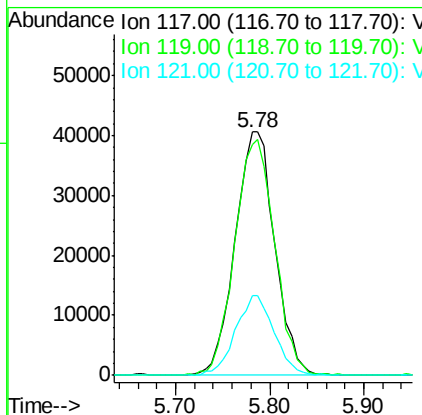
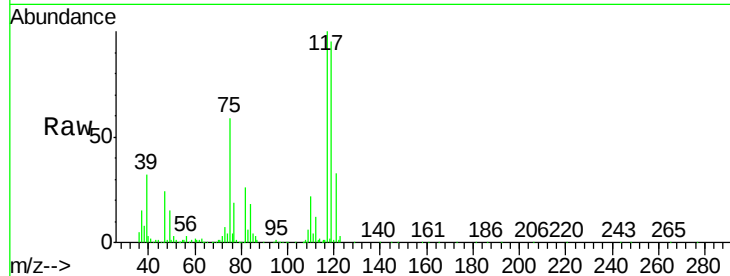
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	119623
Ion Ratio	Lower	Upper	
117	100		
119	94.3	78.1	117.1
121	32.6	27.0	40.6

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#34

Benzene

Concen: 20.303 ug/l

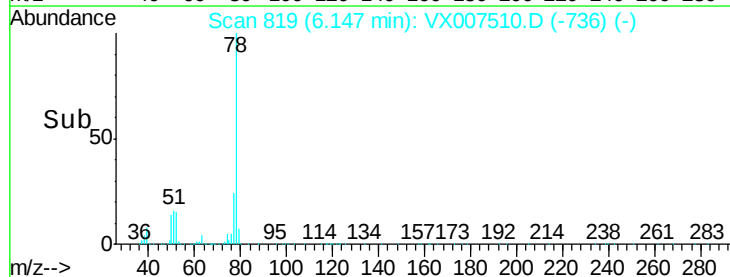
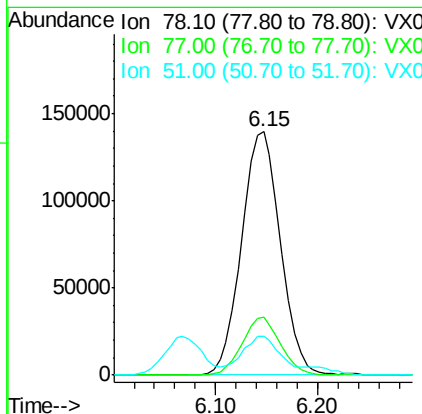
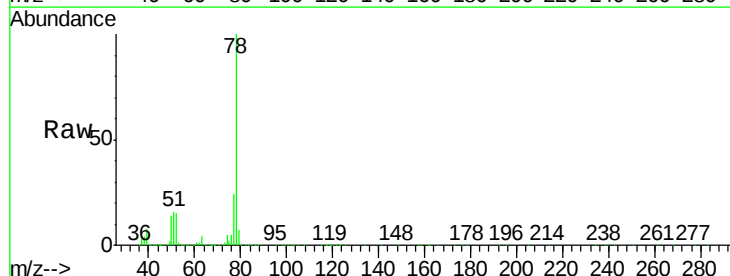
RT: 6.15 min Scan# 819

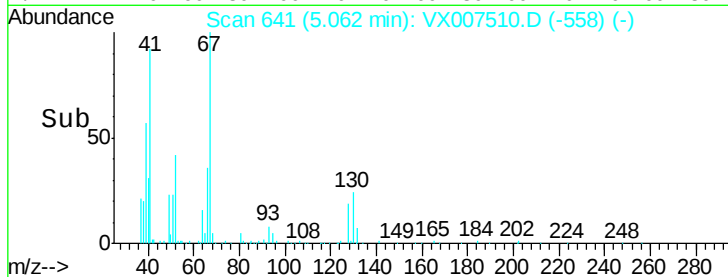
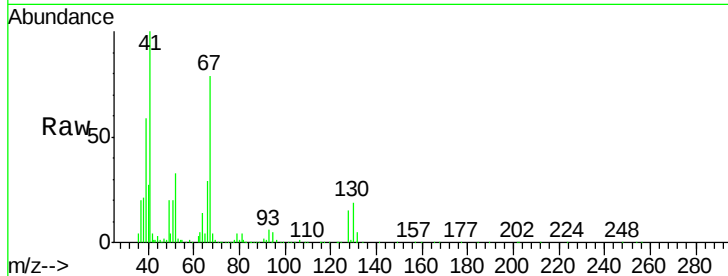
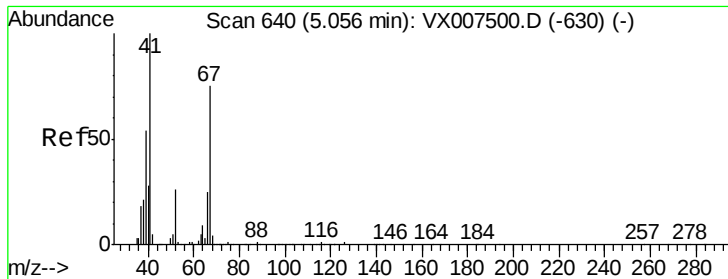
Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

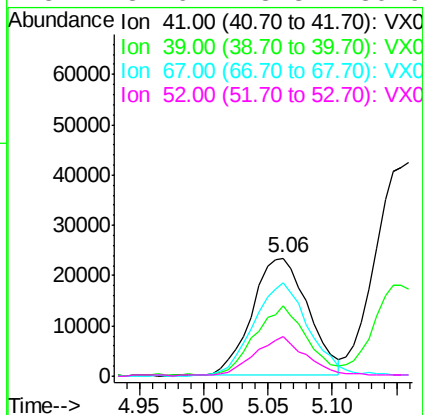
Tgt Ion:	78	Resp:	369358
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.1	28.7
51	14.2	10.8	16.2





#35
Methacrylonitrile
Concen: 19.909 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

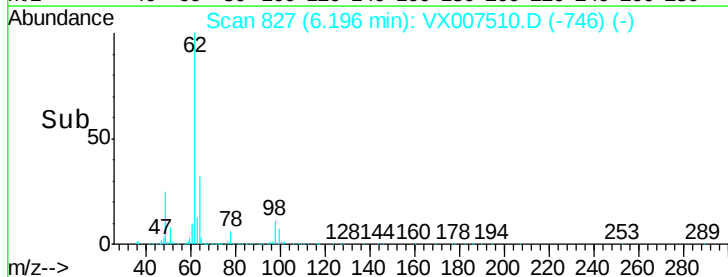
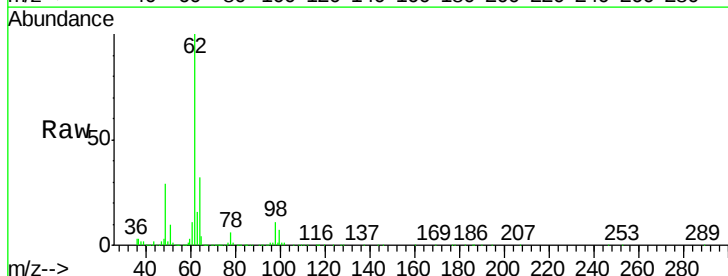
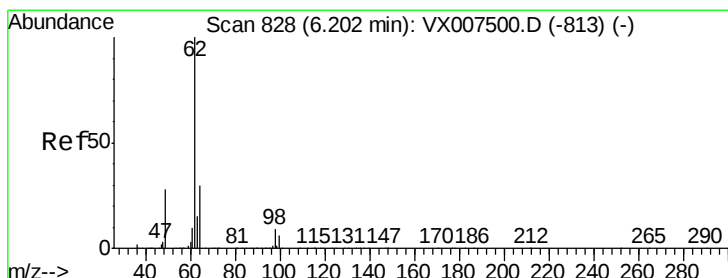
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	27.4	82.0	
67	79.2	37.9	113.6	
52	32.6	13.3	39.9	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

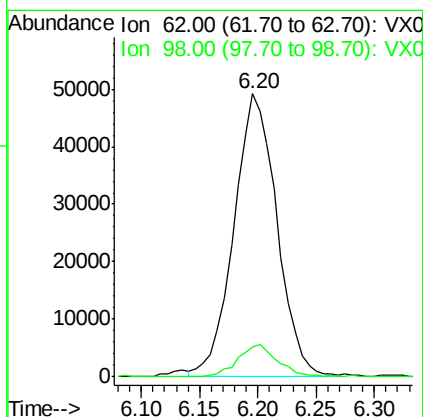
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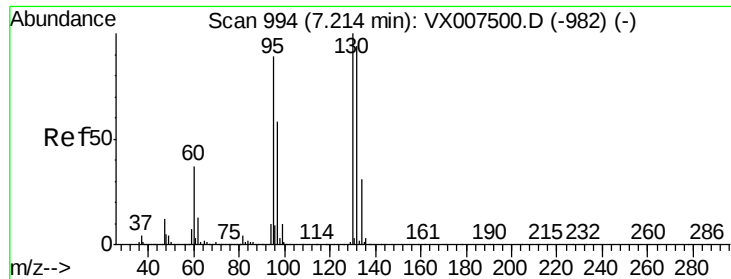
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#36
1,2-Dichloroethane
Concen: 20.390 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	7.8	11.8	





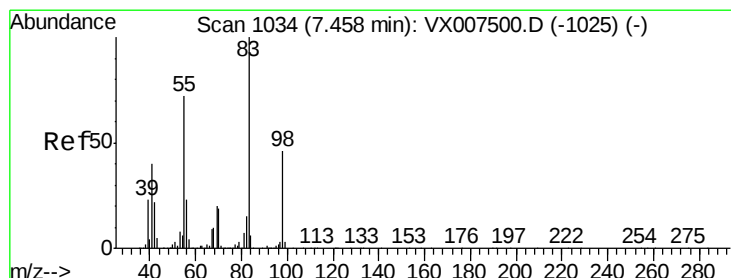
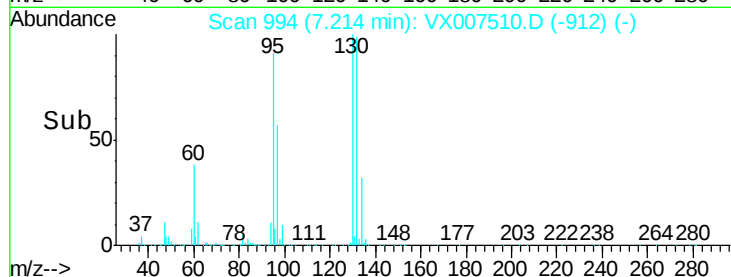
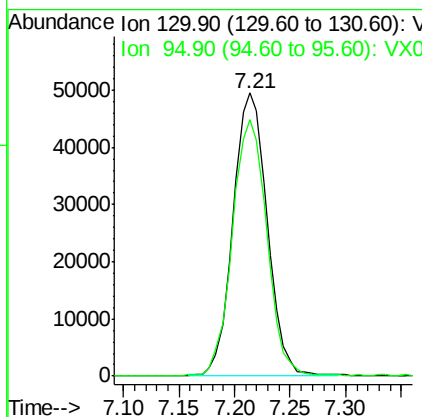
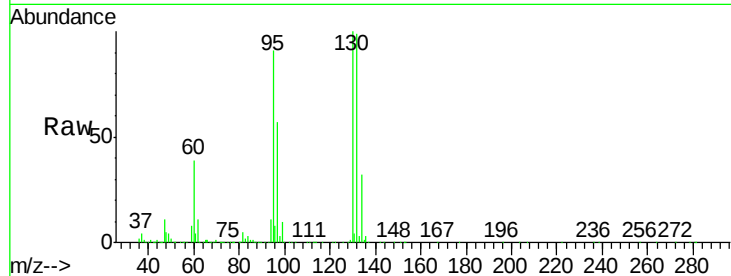
#37
 Trichloroethene
 Concen: 20.159 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 105444
 Ion Ratio Lower Upper
 130 100
 95 90.2 71.3 106.9

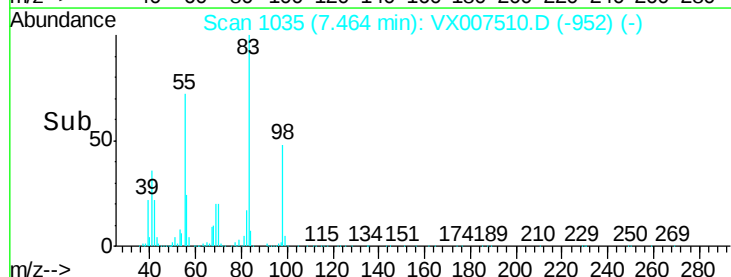
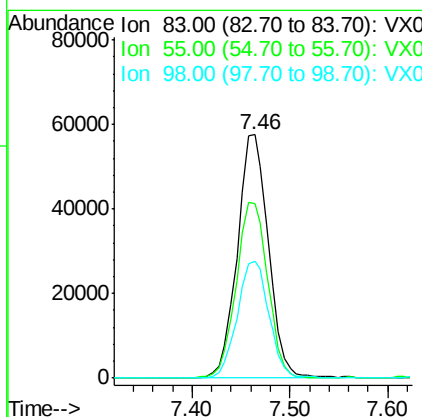
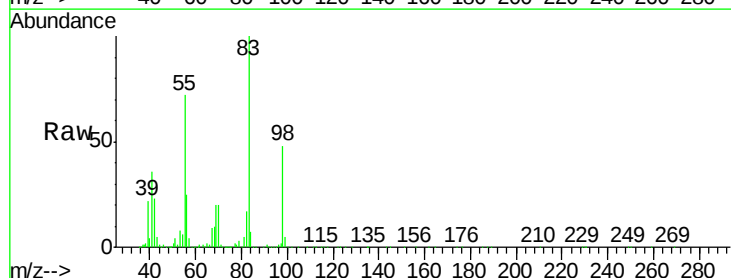
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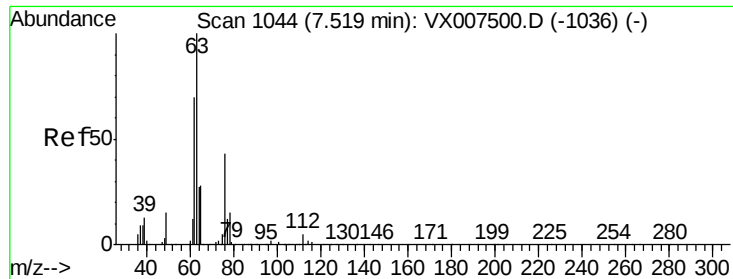
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#38
 Methylcyclohexane
 Concen: 19.021 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion: 83 Resp: 127071
 Ion Ratio Lower Upper
 83 100
 55 72.5 36.0 108.0
 98 48.8 23.8 71.4





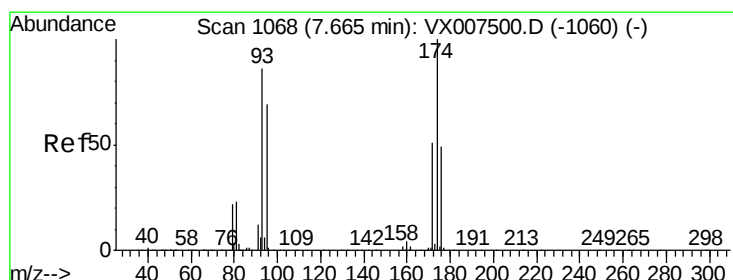
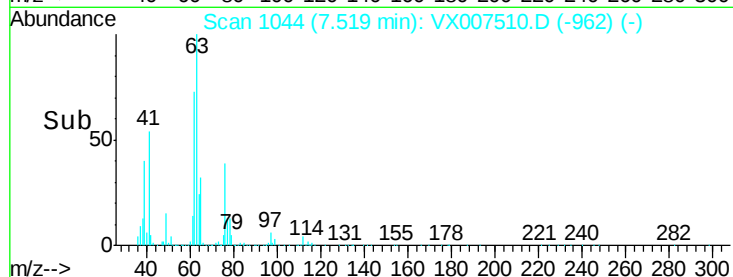
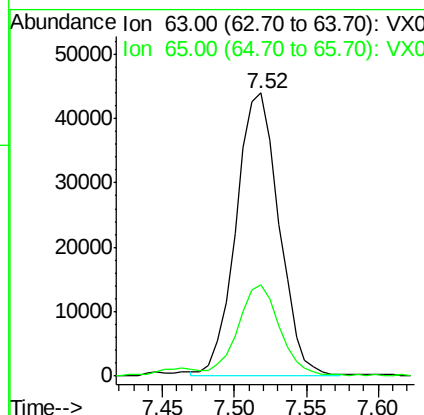
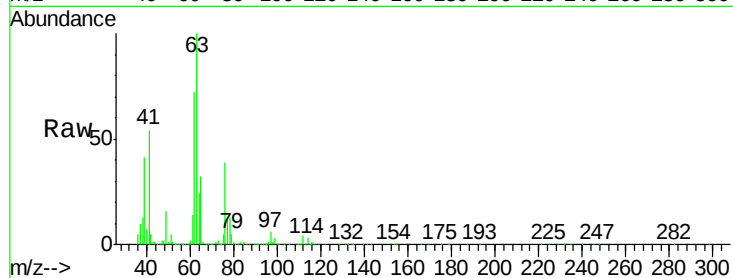
#39
 1,2-Dichloropropane
 Concen: 20.077 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.6	37.0

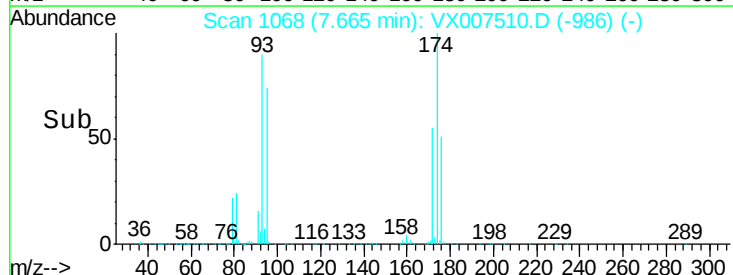
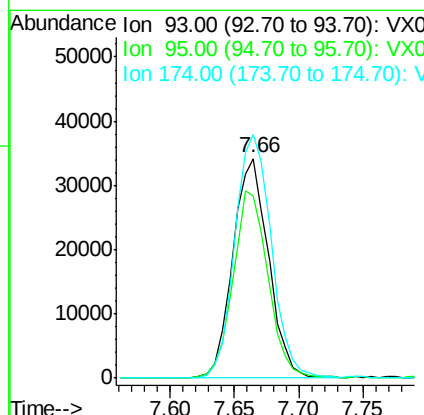
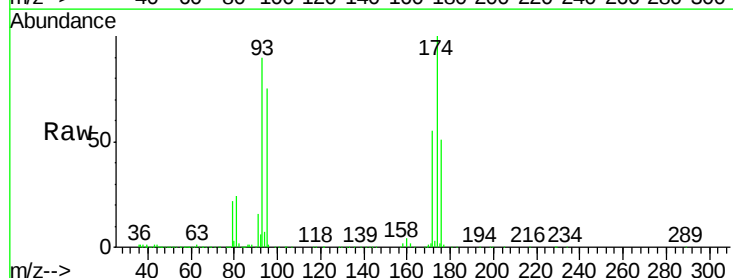
Manual Integrations
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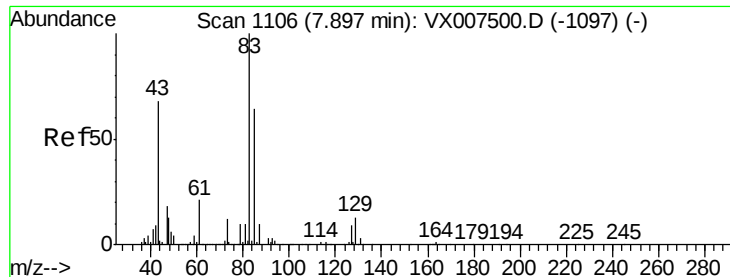
MMDadoda
 2/13/2019 11:53:22 AM



#40
 Dibromomethane
 Concen: 20.146 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	158.8
174	113.6	0.0	224.2





#41

Bromodichloromethane

Concen: 19.842 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

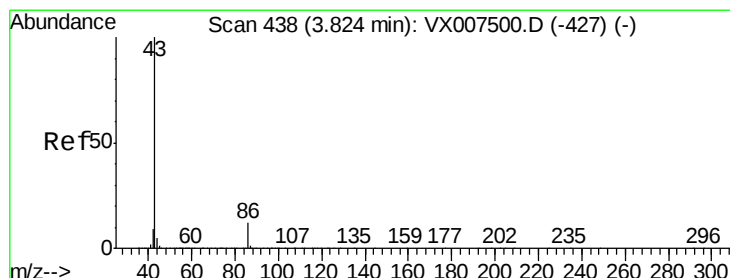
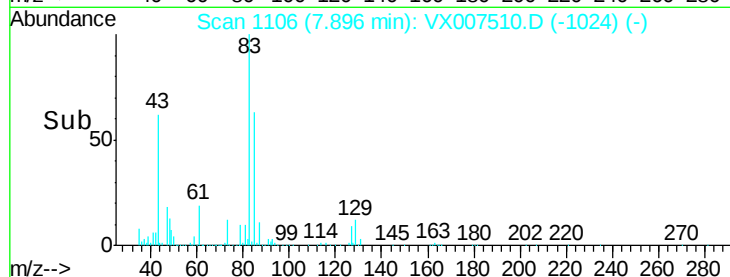
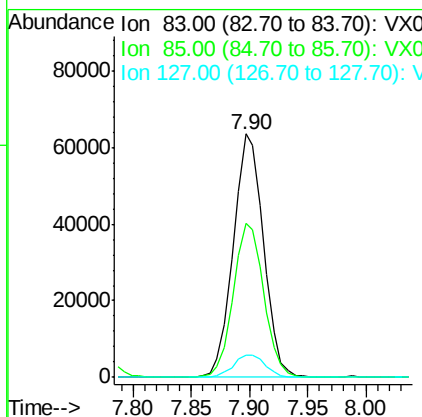
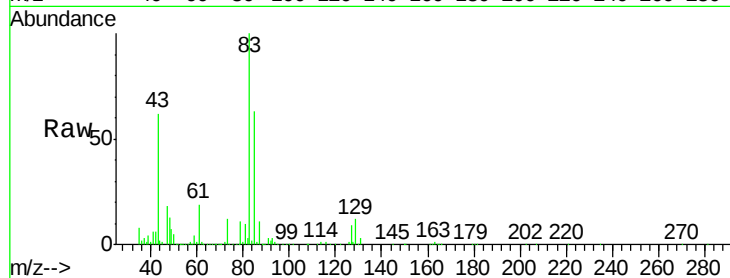
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	115077
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.1	76.7
127	9.1	7.2	10.8

Manual Integrations
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MMDadoda
2/13/2019 11:53:22 AM



#42

Vinyl Acetate

Concen: 99.275 ug/l

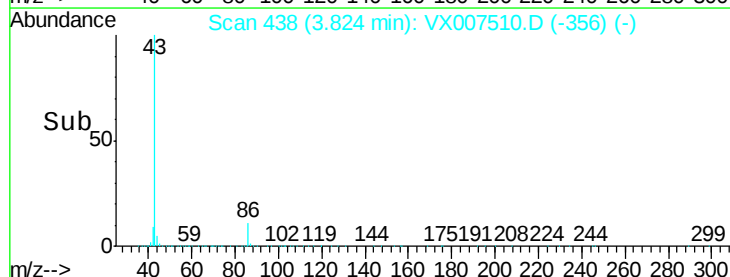
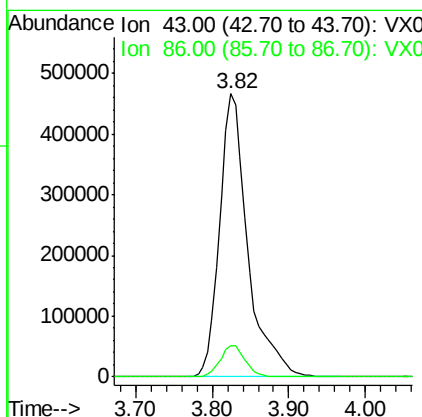
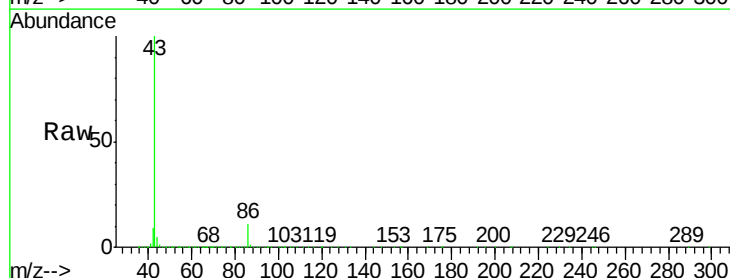
RT: 3.82 min Scan# 438

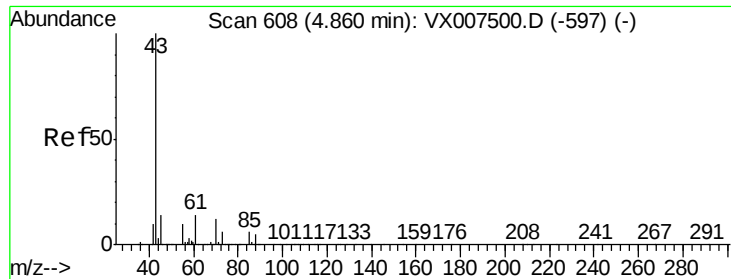
Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	43	Resp:	1186730
Ion Ratio	Lower	Upper	
43	100		
86	10.0	8.2	12.2





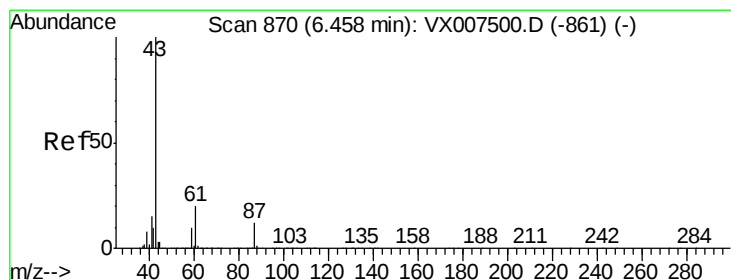
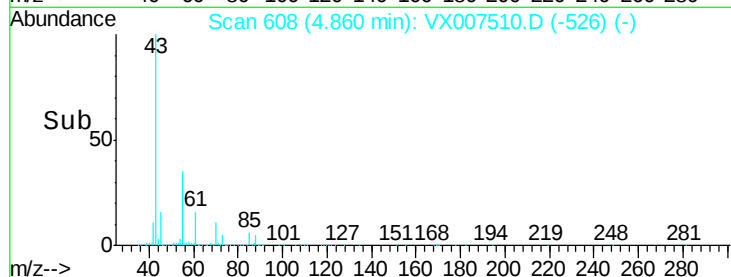
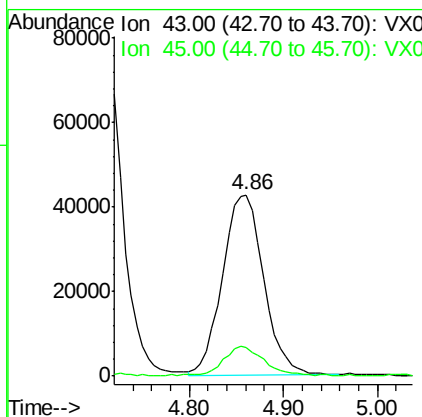
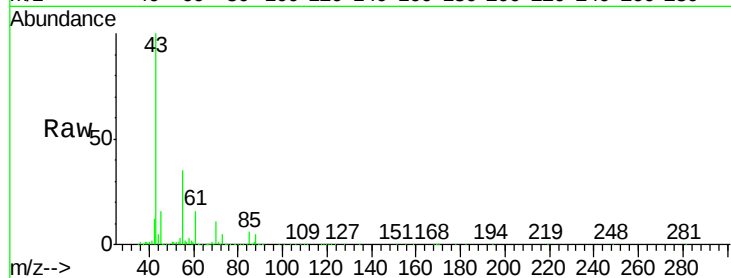
#43
Ethyl Acetate
Concen: 19.868 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	45
Resp	129941	
Ratio	100	16.1
Lower		6.9
Upper		10.3#

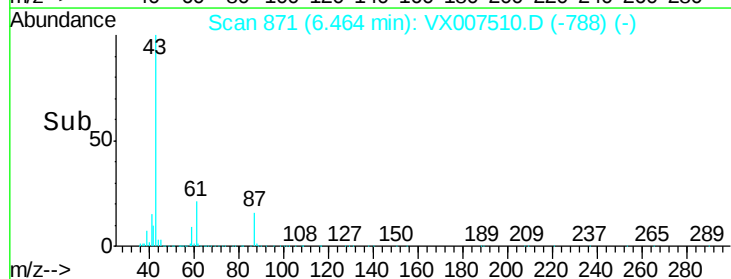
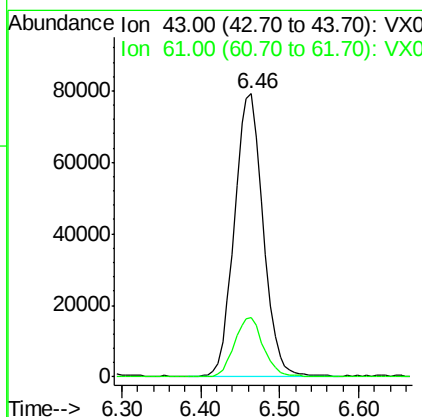
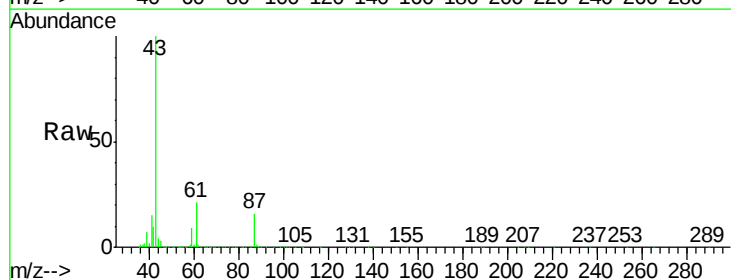
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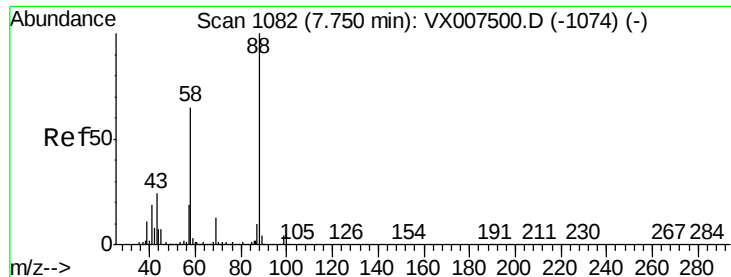
MMDadoda
2/13/2019 11:53:22 AM



#44
Isopropyl Acetate
Concen: 19.821 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	43	61
Resp	200145	
Ratio	100	20.8
Lower		16.1
Upper		24.1





#45

1,4-Dioxane

Concen: 410.714 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

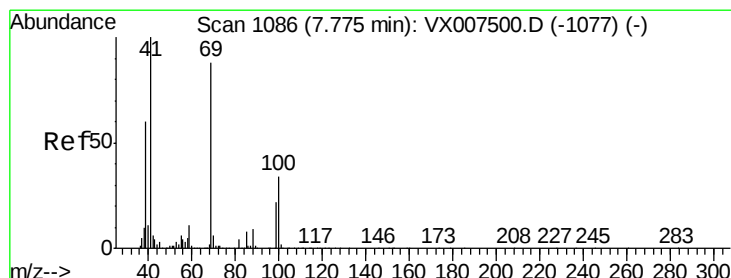
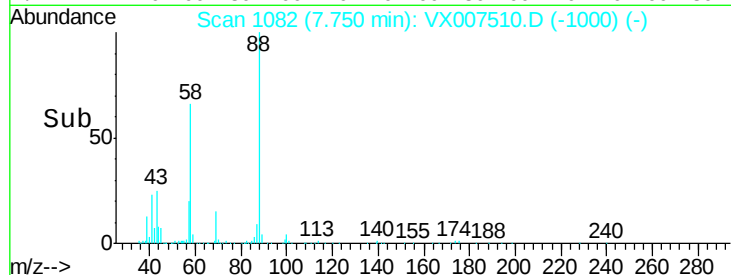
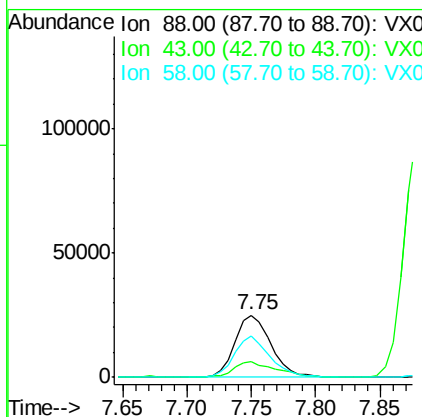
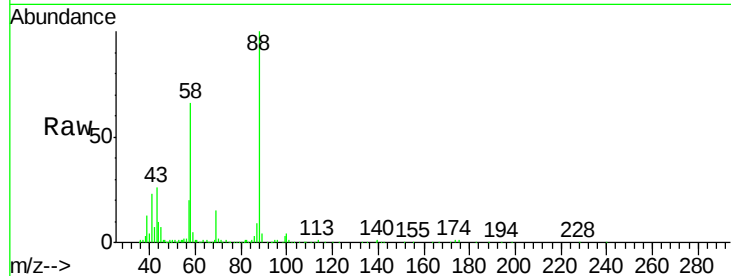
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	48946
Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.6	35.4
58	64.0	51.6	77.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 20.222 ug/l

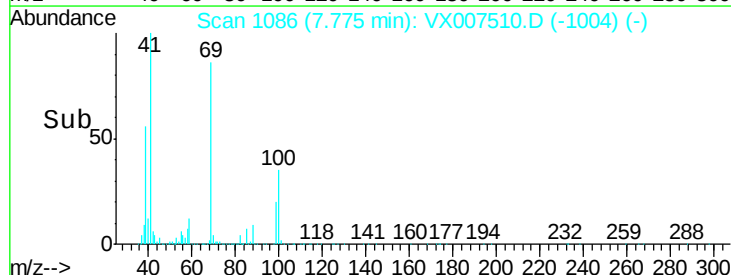
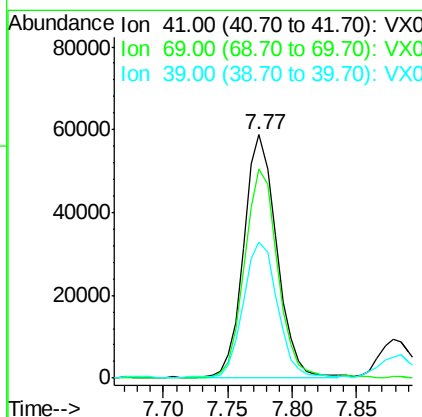
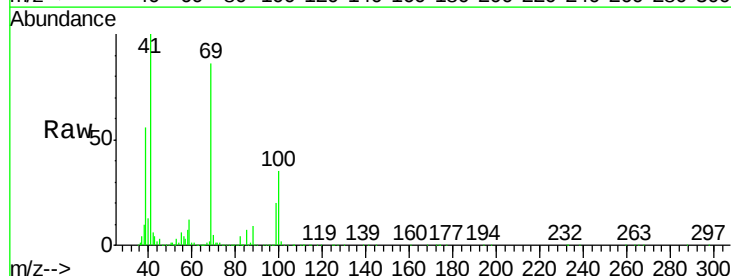
RT: 7.77 min Scan# 1086

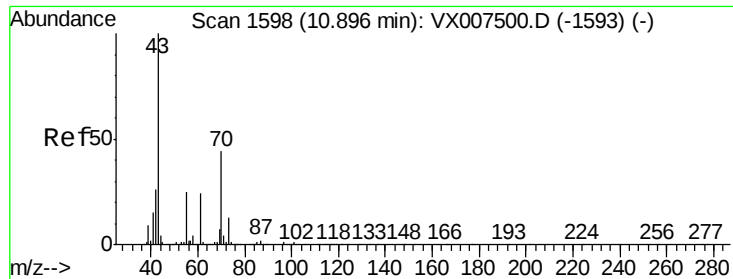
Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	41	Resp:	103401
Ion	Ratio	Lower	Upper
41	100		
69	85.6	44.2	132.6
39	55.5	29.9	89.8





#47

n-amvl Acetate

Concen: 19.171 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 170628

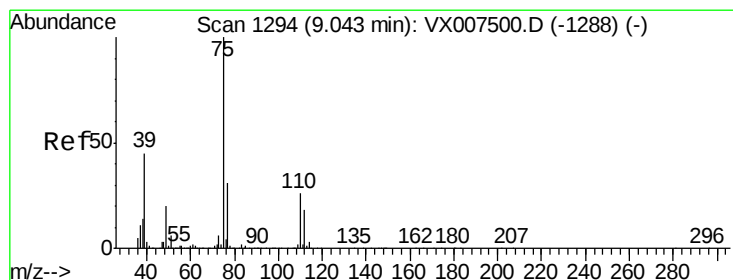
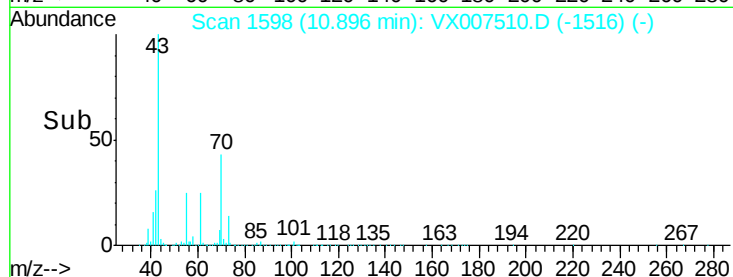
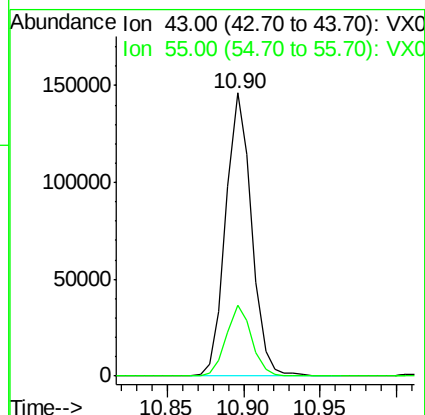
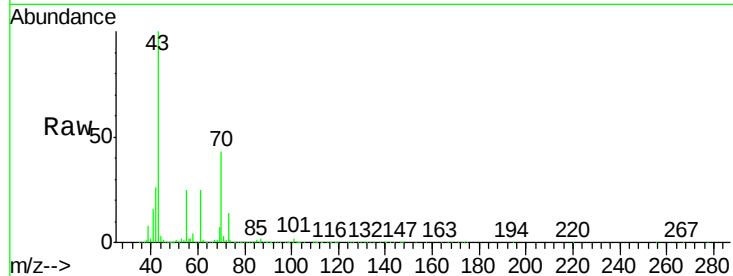
Ion Ratio Lower Upper

43 100

55 24.5 20.8 31.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.788 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007510.D

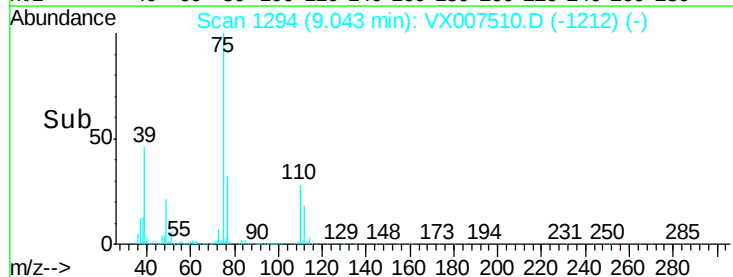
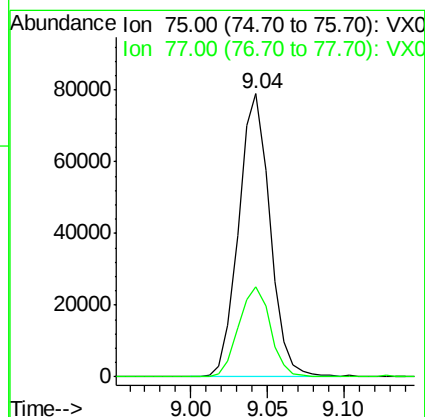
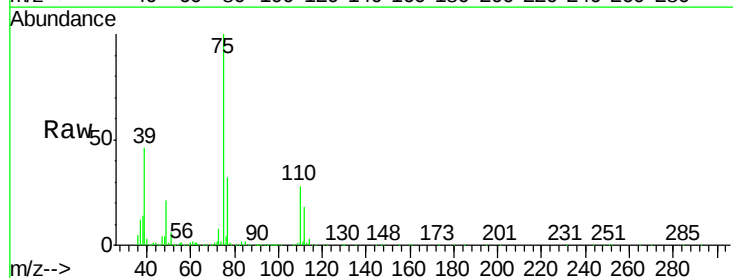
Acq: 13 Feb 2019 03:55

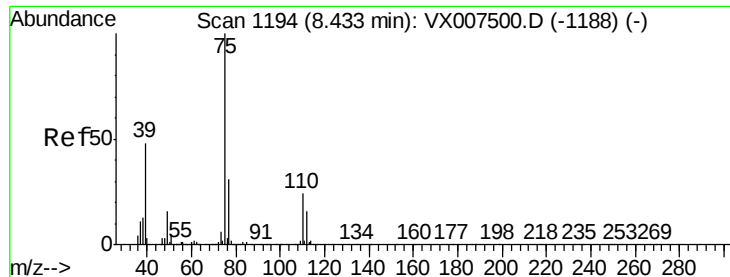
Tgt Ion: 75 Resp: 112486

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 19.230 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

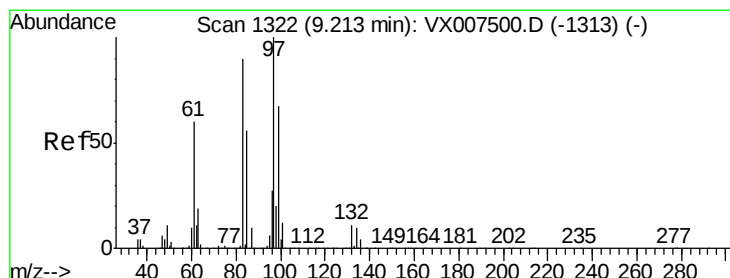
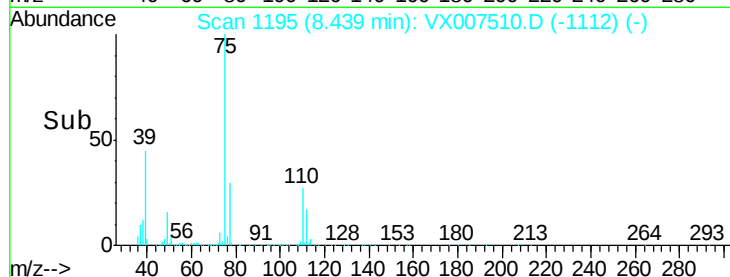
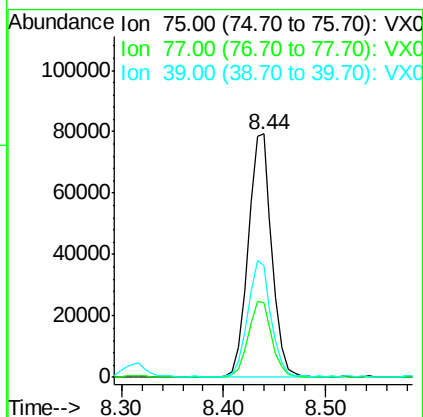
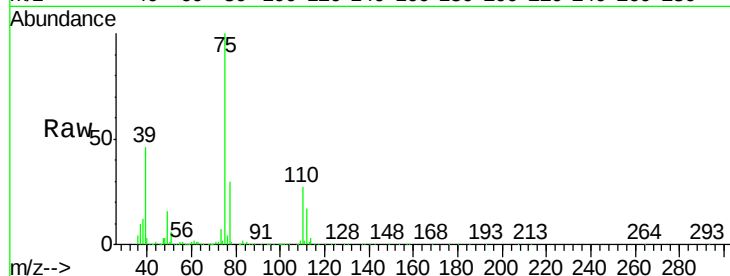
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	128212
Ion Ratio	Lower	Upper	
75	100		
77	30.4	25.0	37.4
39	45.5	38.5	57.7

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.344 ug/l

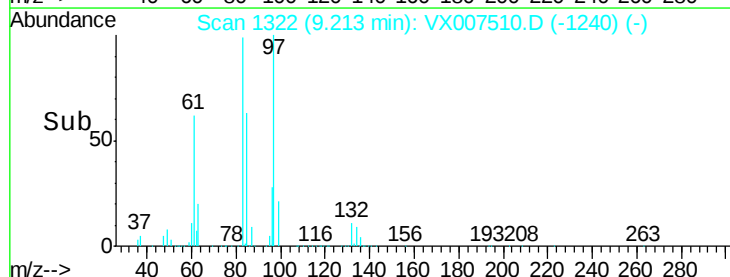
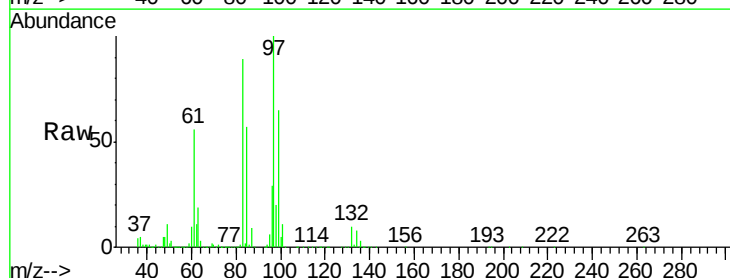
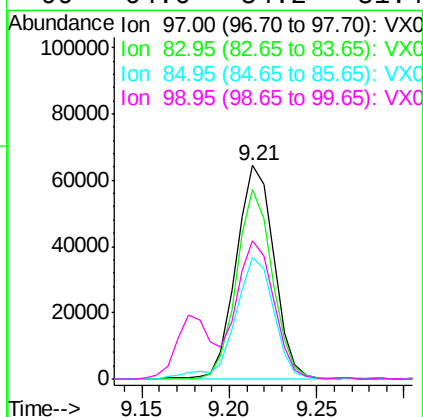
RT: 9.21 min Scan# 1322

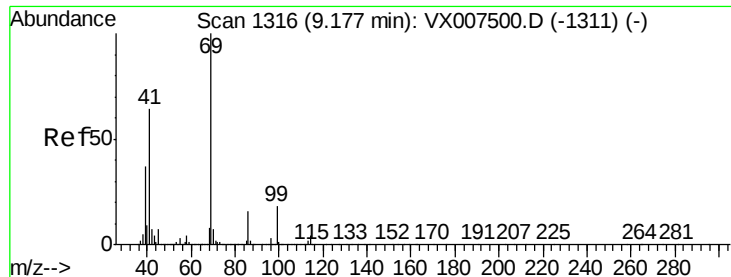
Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	97	Resp:	96943
Ion Ratio	Lower	Upper	
97	100		
83	89.0	72.0	108.0
85	56.9	45.0	67.6
99	64.6	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.124 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

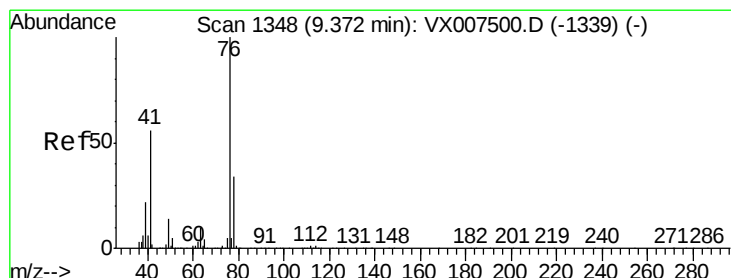
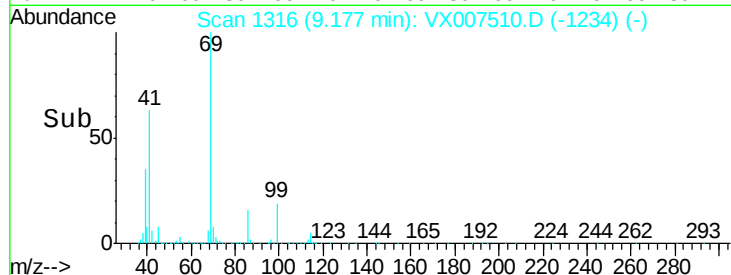
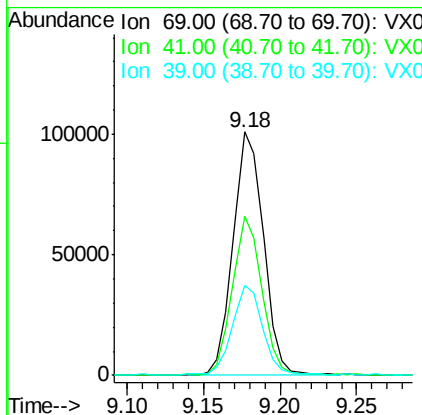
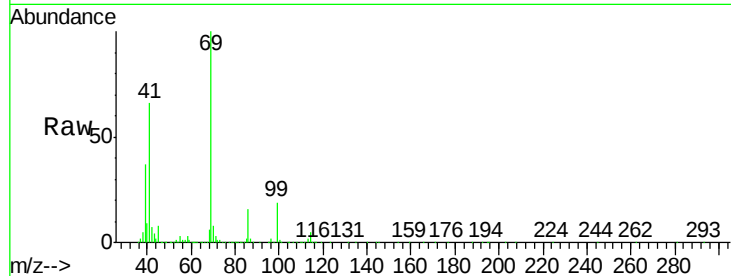
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	139024
Ion Ratio	Lower	Upper	
69	100		
41	65.2	32.1	96.5
39	36.9	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.483 ug/l

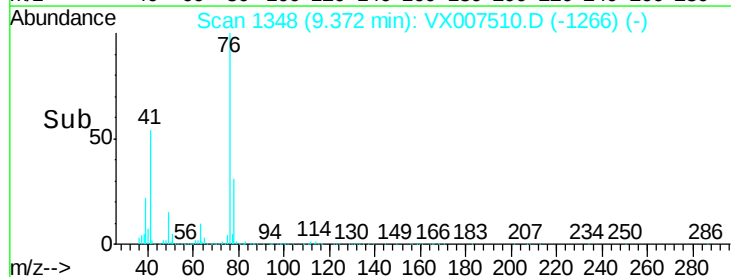
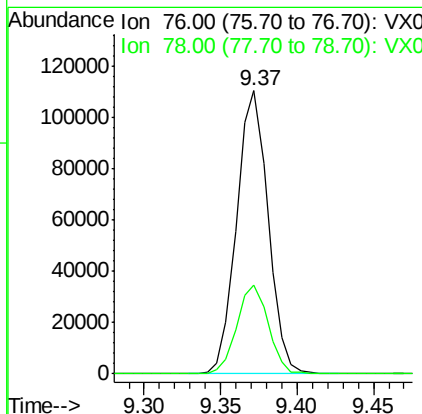
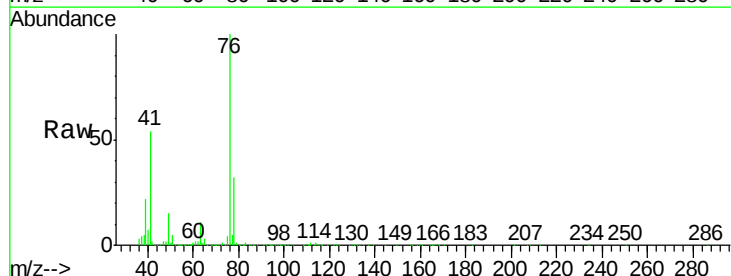
RT: 9.37 min Scan# 1348

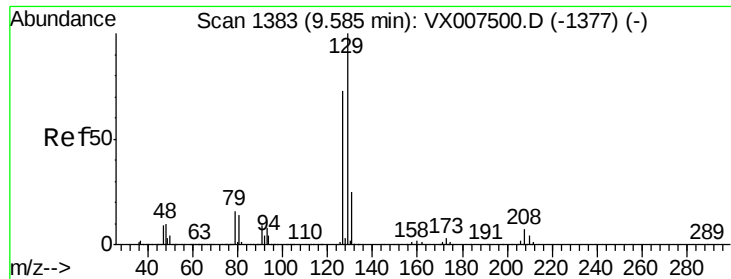
Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	76	Resp:	157442
Ion Ratio	Lower	Upper	
76	100		
78	31.5	0.0	65.2





#53

Dibromochloromethane

Concen: 19.419 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 96248

Ion Ratio Lower Upper

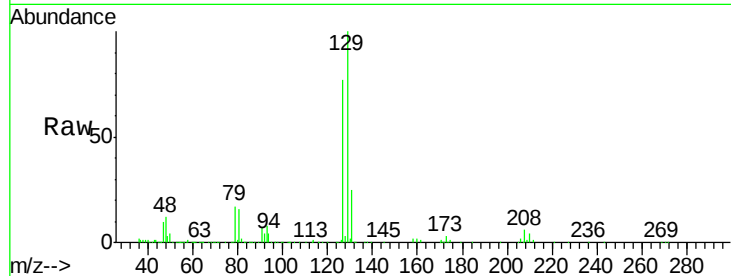
129 100

127 76.2 38.4 115.2

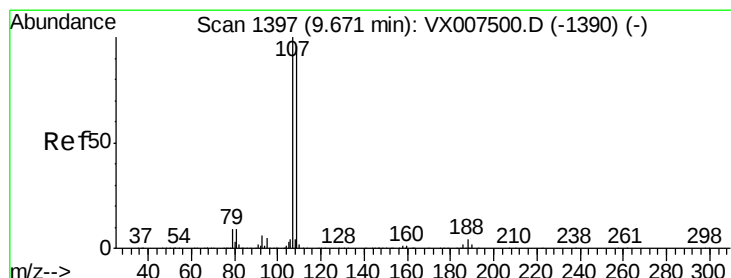
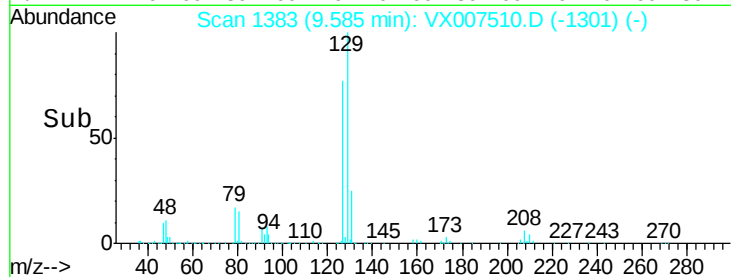
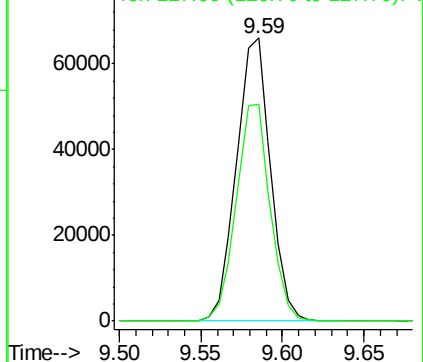
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Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.420 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007510.D

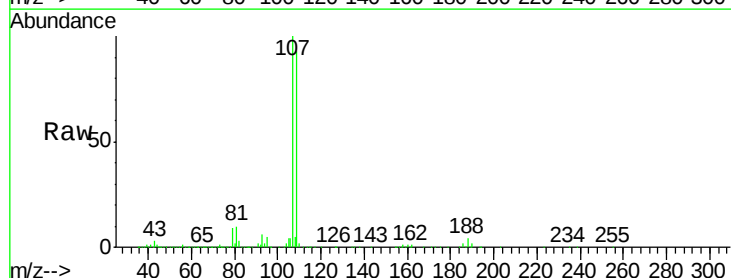
Acq: 13 Feb 2019 03:55

Tgt Ion:107 Resp: 106548

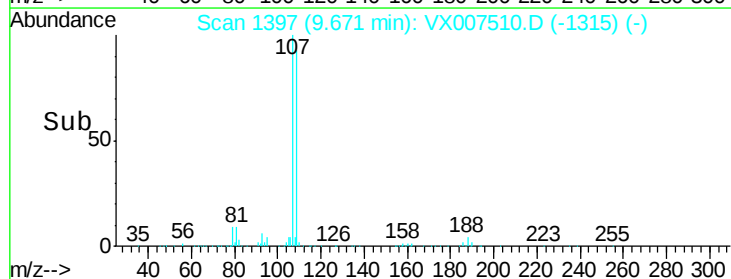
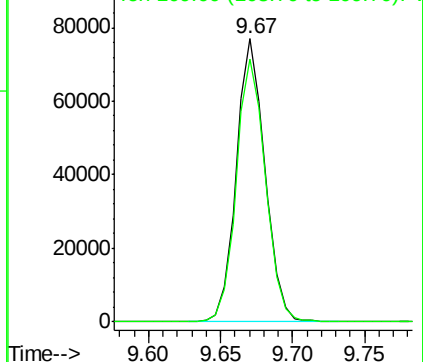
Ion Ratio Lower Upper

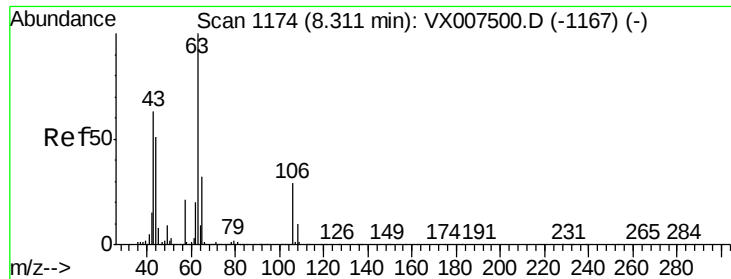
107 100

109 94.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





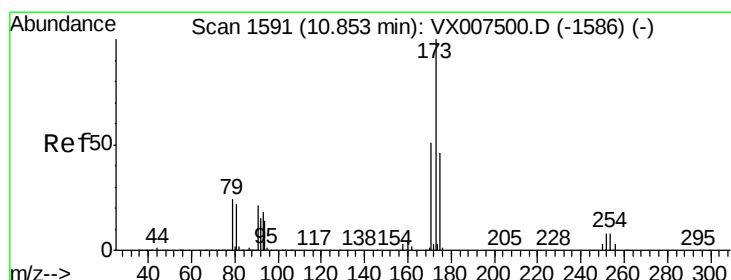
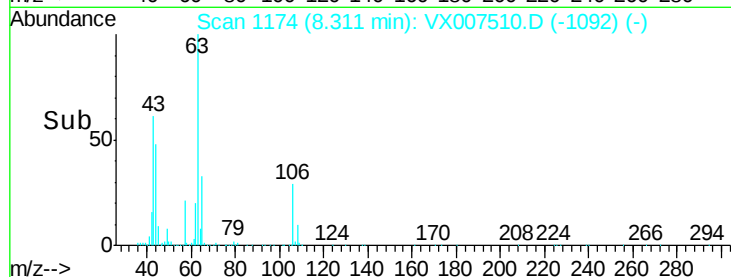
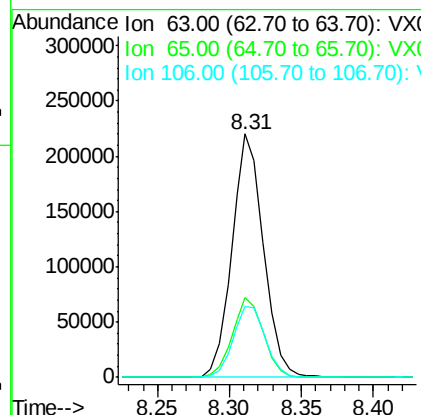
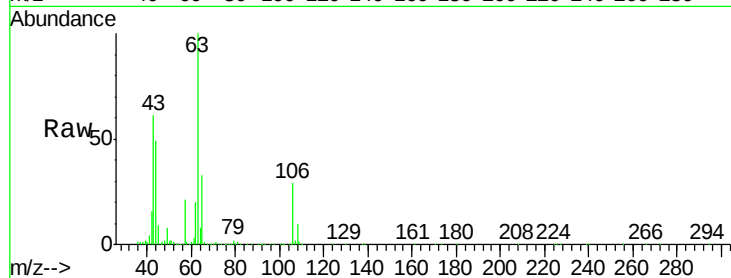
#55
2-Chloroethyl vinyl ether
Concen: 94.995 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.7	38.5
106	30.2	23.7	35.5

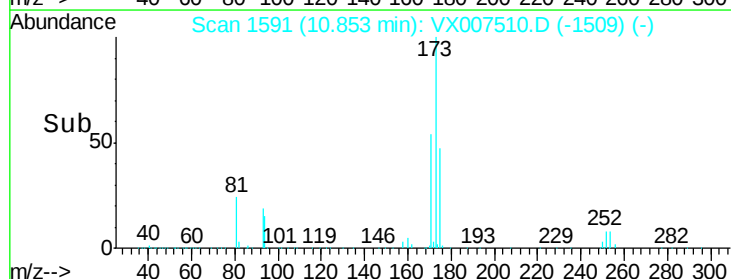
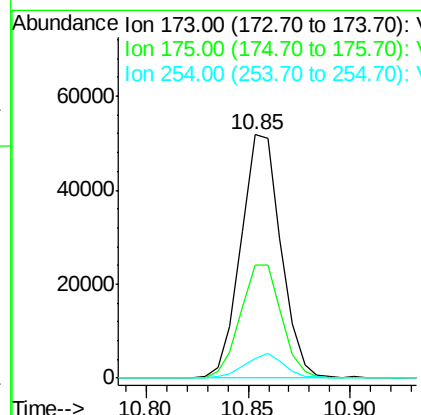
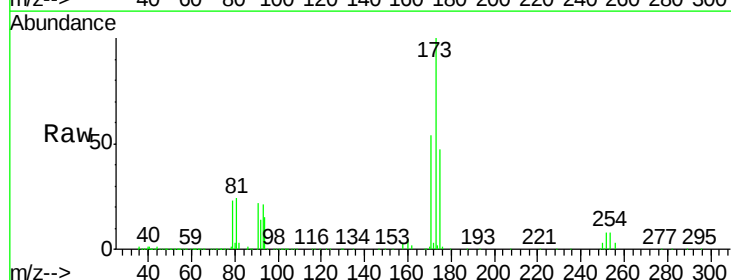
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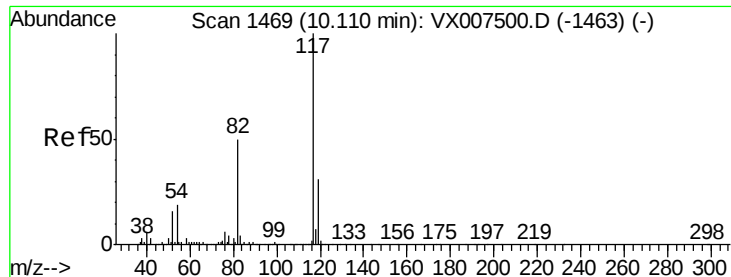
MMDadoda
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#56
Bromoform
Concen: 18.858 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.5	57.7
254	9.9	7.4	11.2





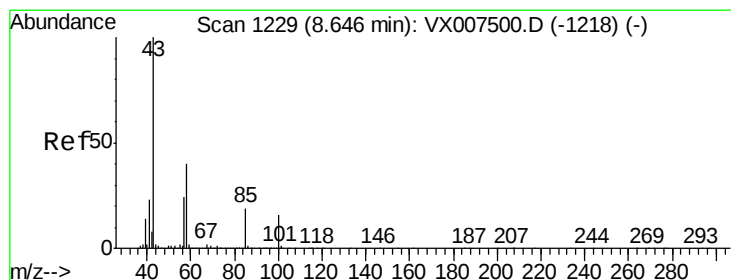
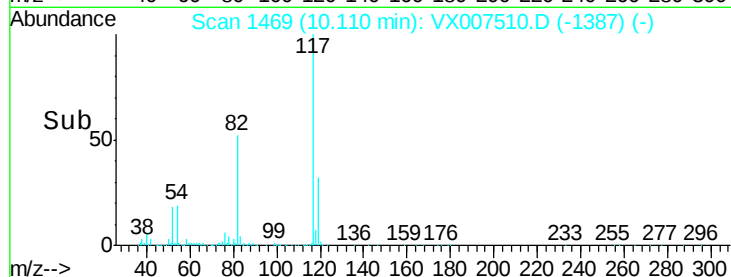
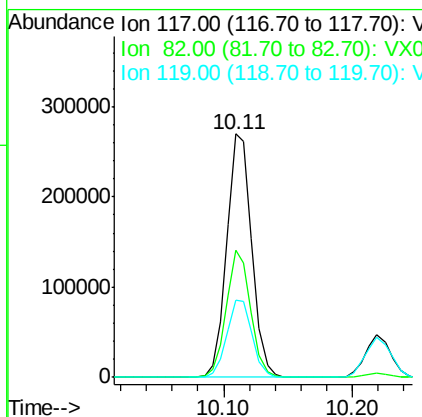
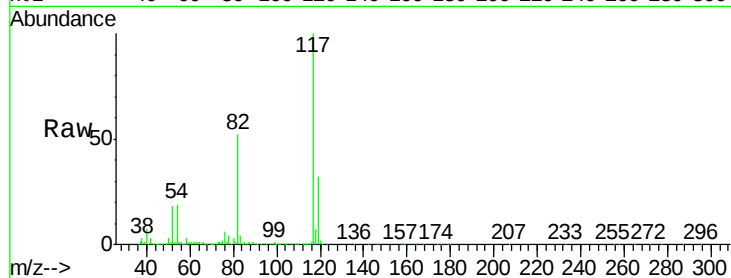
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.4	60.6
119	32.2	25.8	38.6

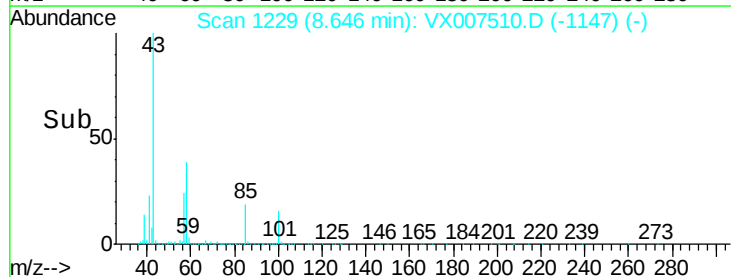
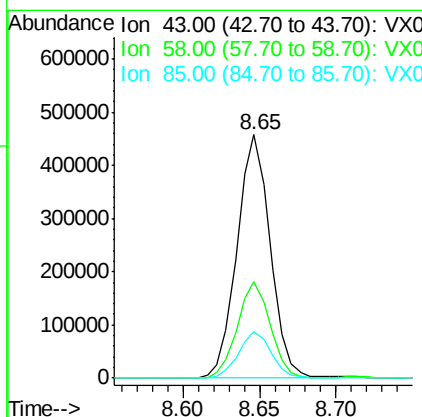
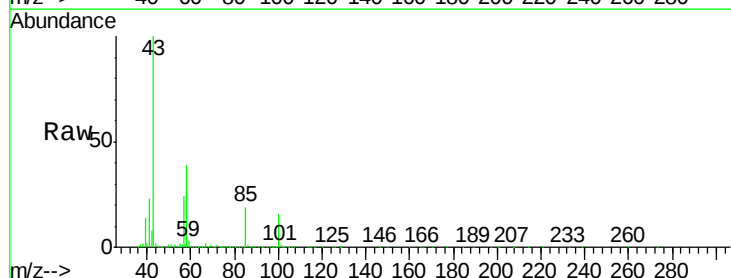
Manual Integrations
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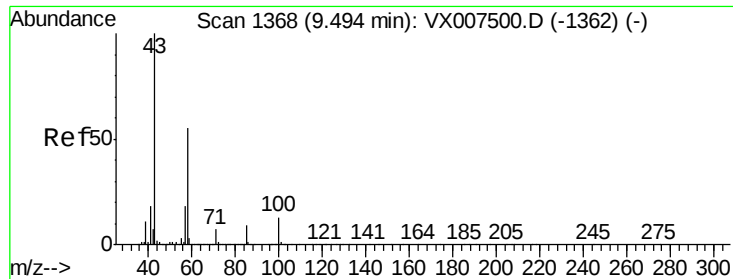
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 104.062 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.4	47.0
85	18.9	15.0	22.6





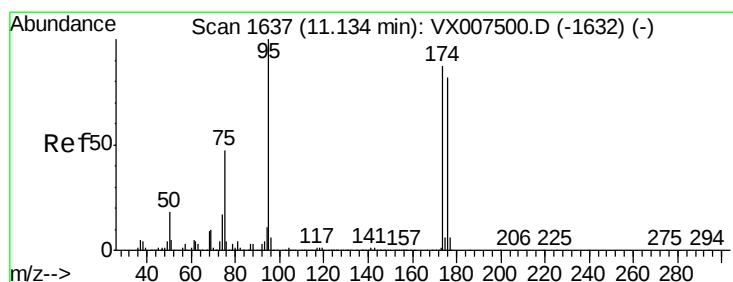
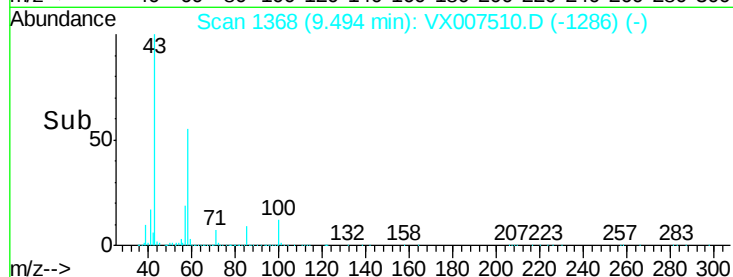
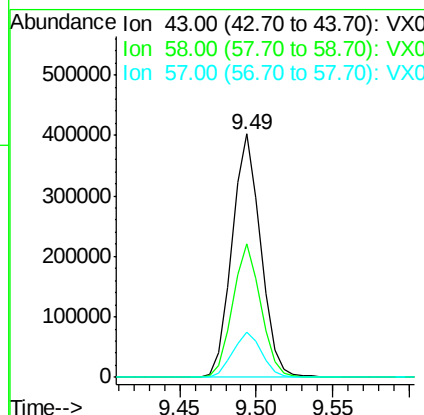
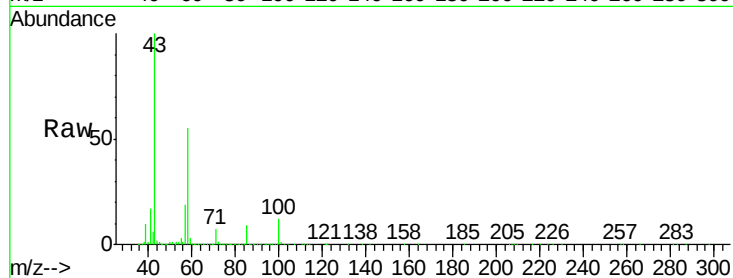
#59
2-Hexanone
Concen: 103.886 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.9	65.9
57	18.8	14.9	22.3

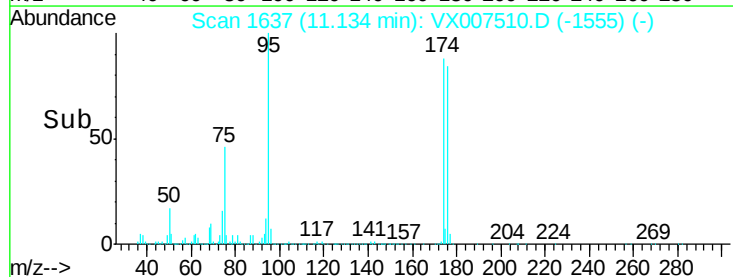
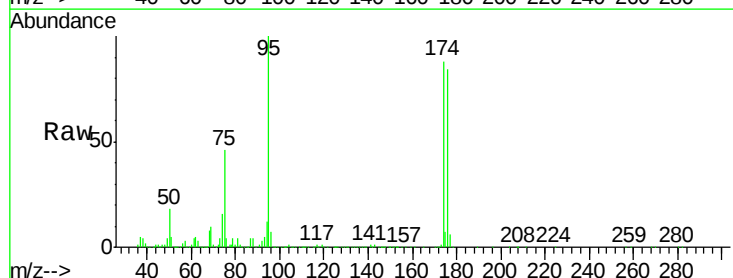
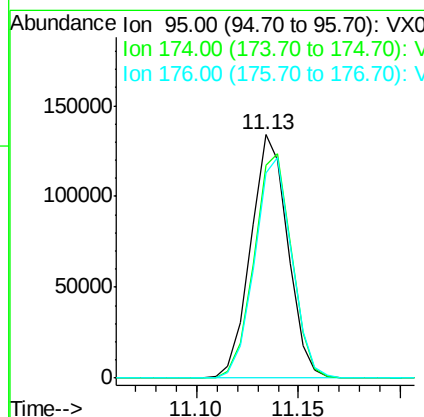
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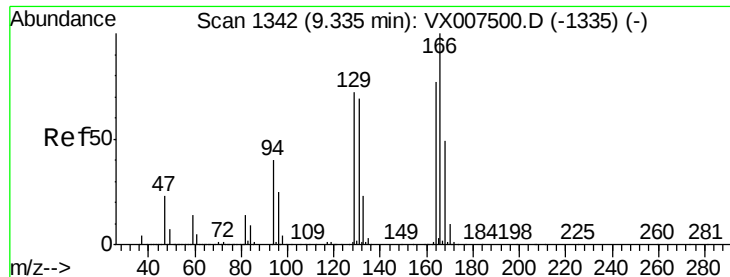
MMDadoda
2/13/2019 11:53:22 AM



#60
4-Bromofluorobenzene
Concen: 30.024 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	74.9	112.3
176	91.3	70.7	106.1





#61

Tetrachloroethene

Concen: 20.256 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 105678

Ion Ratio Lower Upper

164 100

166 132.4 103.9 155.9

129 94.0 74.7 112.1

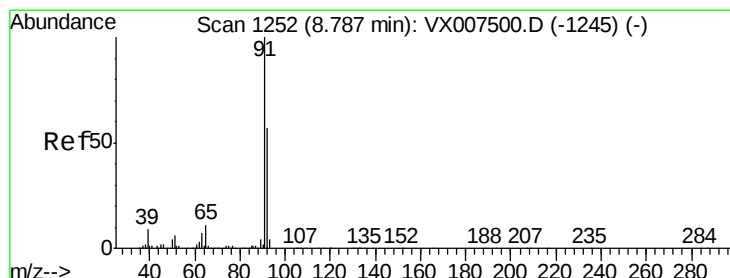
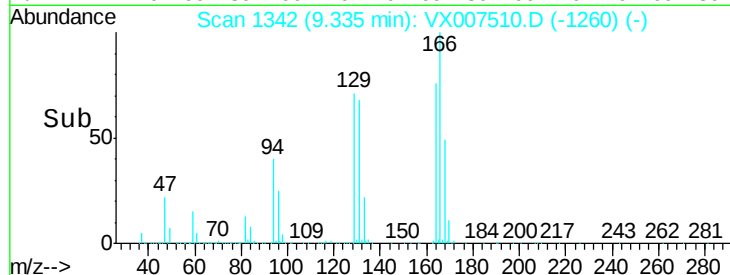
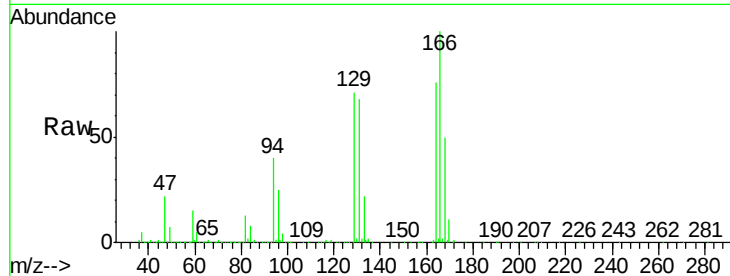
131 89.5 71.7 107.5

Manual Integrations

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#62

Toluene

Concen: 20.165 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007510.D

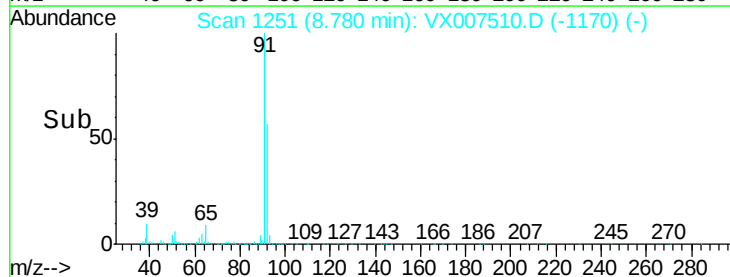
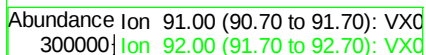
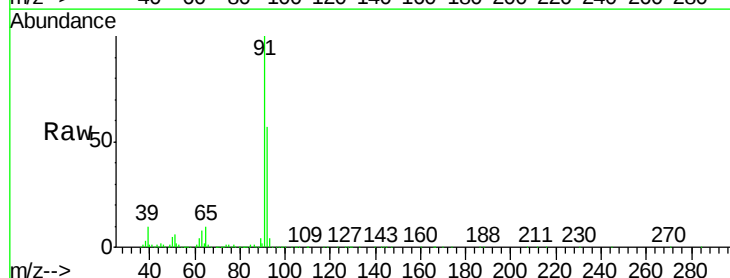
Acq: 13 Feb 2019 03:55

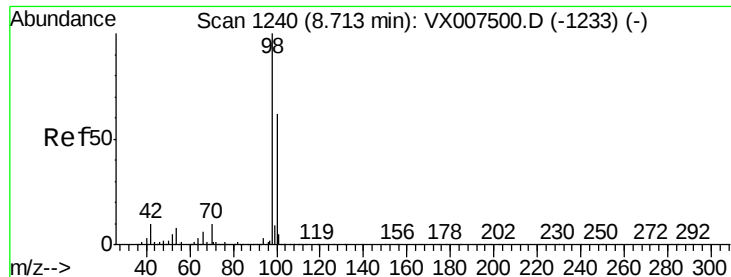
Tgt Ion: 91 Resp: 403592

Ion Ratio Lower Upper

91 100

92 57.6 46.4 69.6





#63

Toluene-d8

Concen: 29.889 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 496469

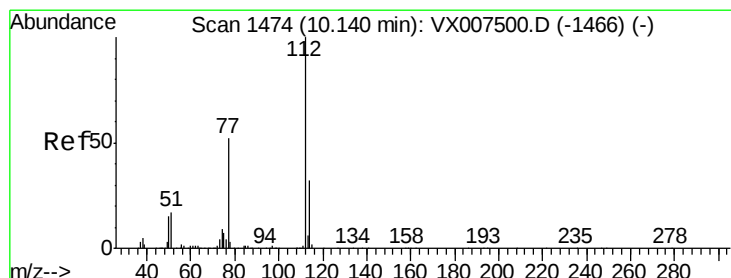
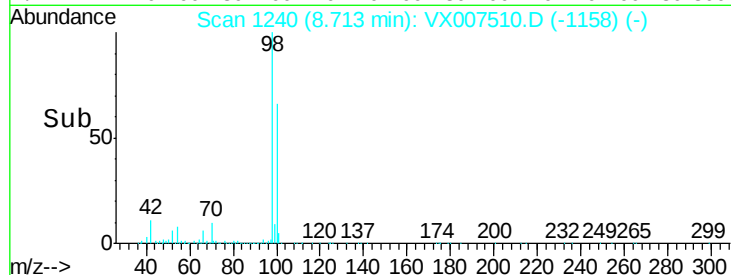
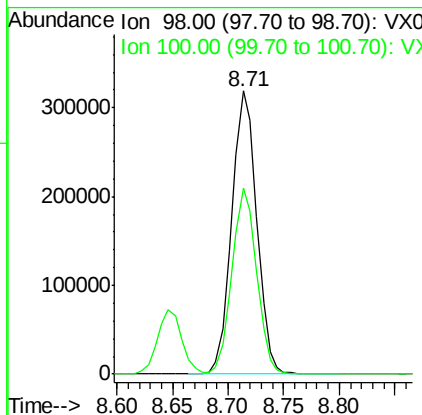
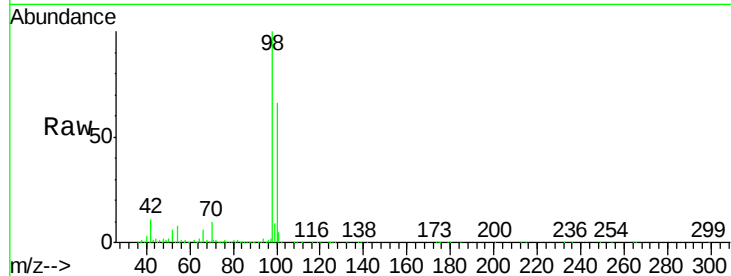
Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3

Manual Integrations
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#64

Chlorobenzene

Concen: 20.354 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007510.D

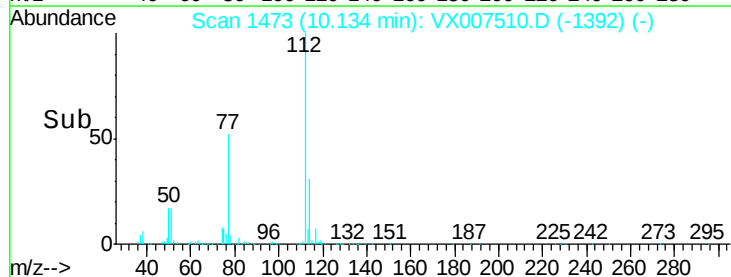
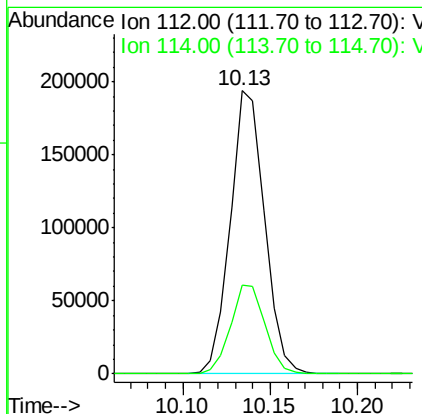
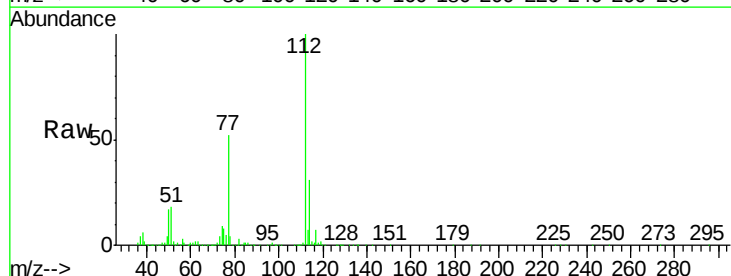
Acq: 13 Feb 2019 03:55

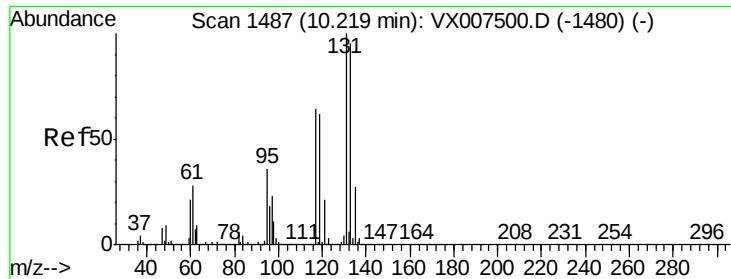
Tgt Ion: 112 Resp: 264739

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.100 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

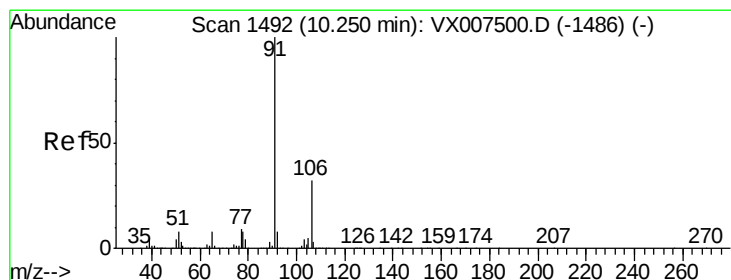
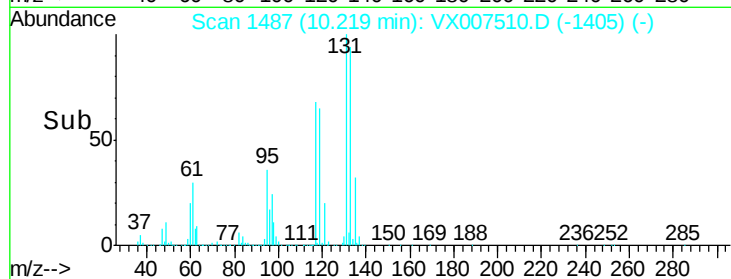
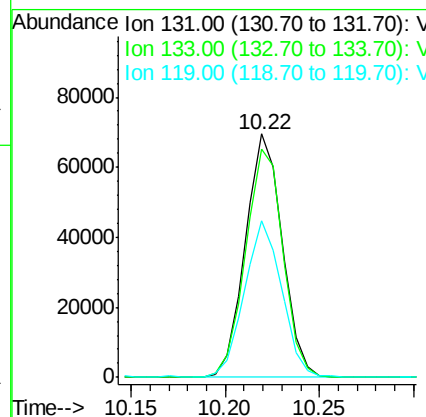
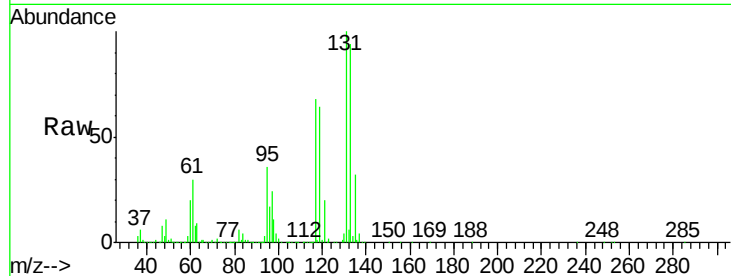
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	94693
Ion Ratio	Lower	Upper	
131	100		
133	95.0	0.0	191.6
119	65.0	0.0	127.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.212 ug/l

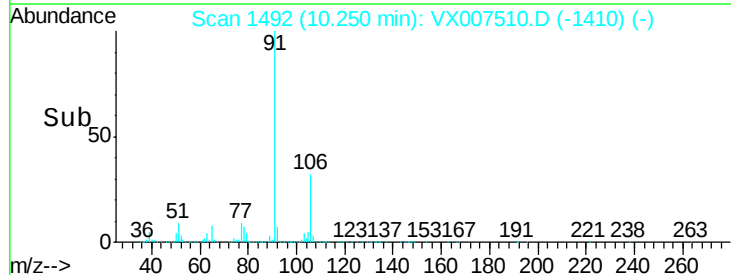
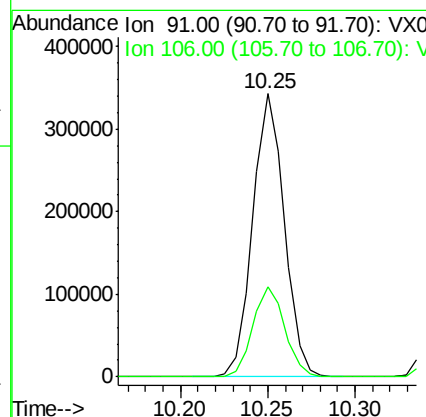
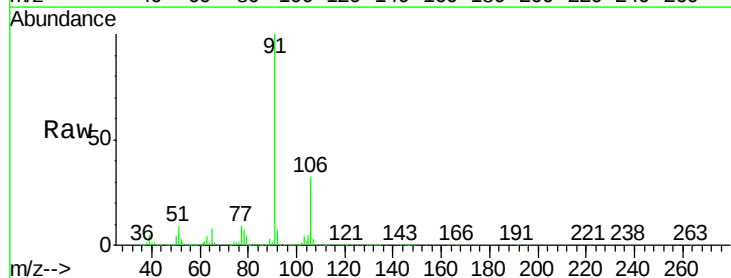
RT: 10.25 min Scan# 1492

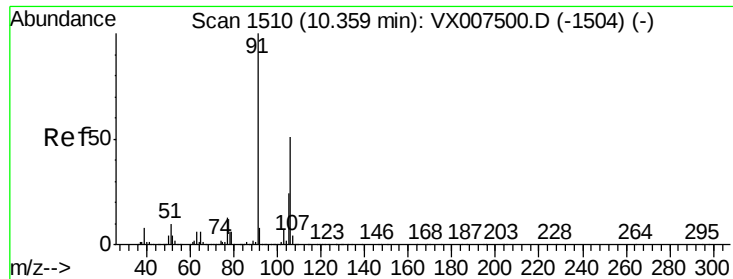
Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	91	Resp:	429284
Ion Ratio	Lower	Upper	
91	100		
106	31.7	26.0	39.0





#67

m/p-Xylenes

Concen: 40.099 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 334045

Ion Ratio Lower Upper

106 100

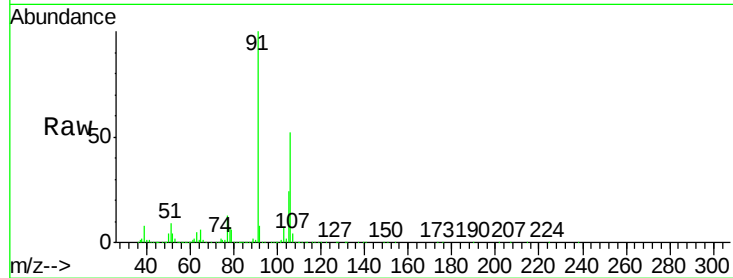
91 194.4 157.0 235.4

Manual Integrations

APPROVED

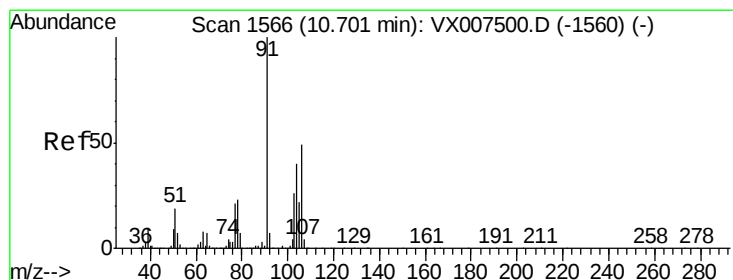
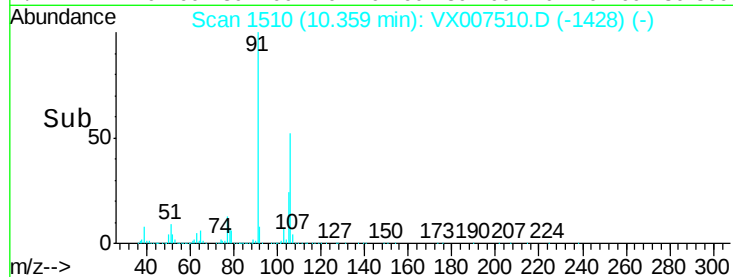
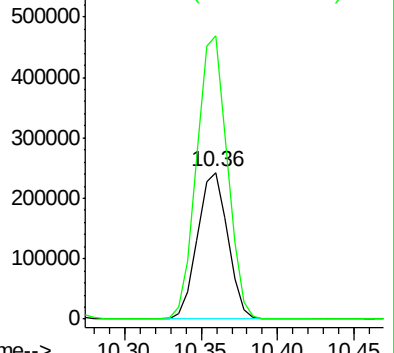
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 20.246 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007510.D

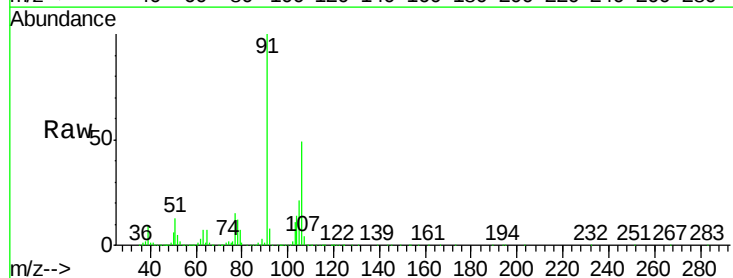
Acq: 13 Feb 2019 03:55

Tgt Ion:106 Resp: 164494

Ion Ratio Lower Upper

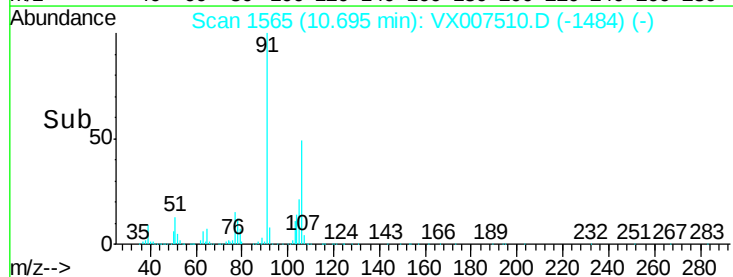
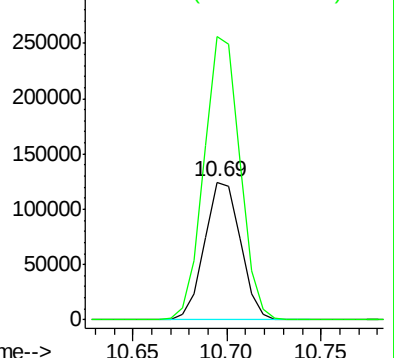
106 100

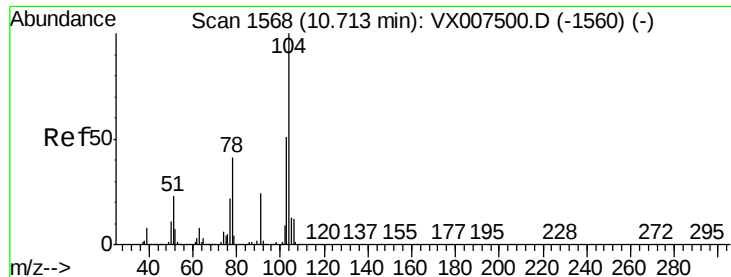
91 205.9 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





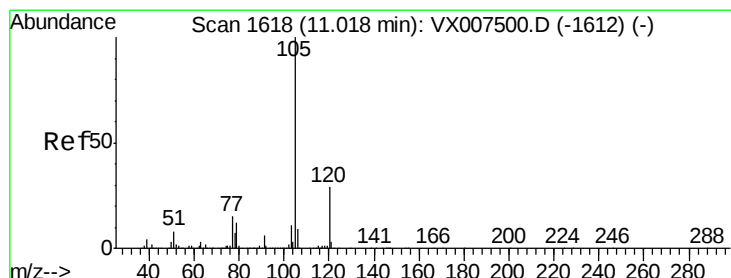
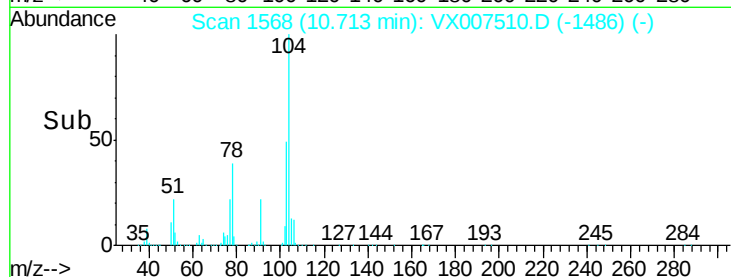
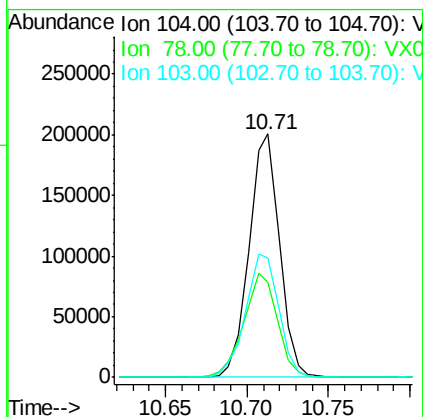
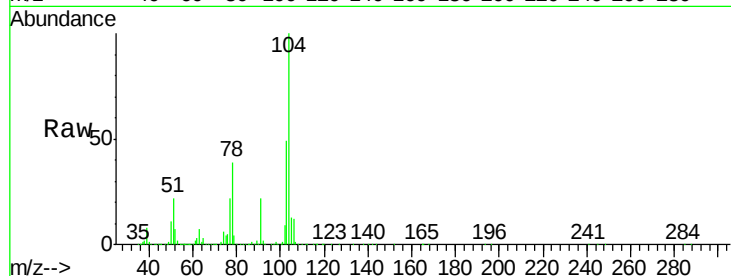
#69
Stvrene
Concen: 20.024 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.1	38.2	57.2
103	55.4	45.0	67.4

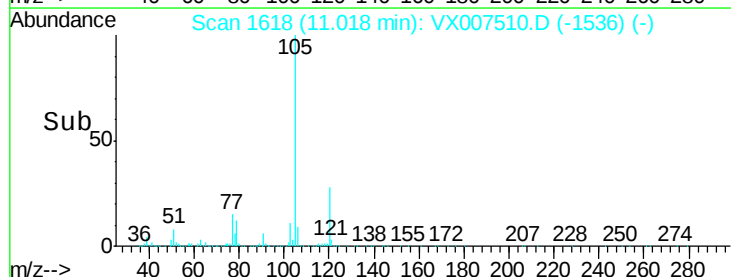
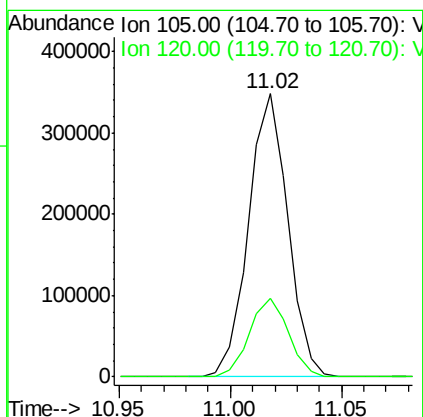
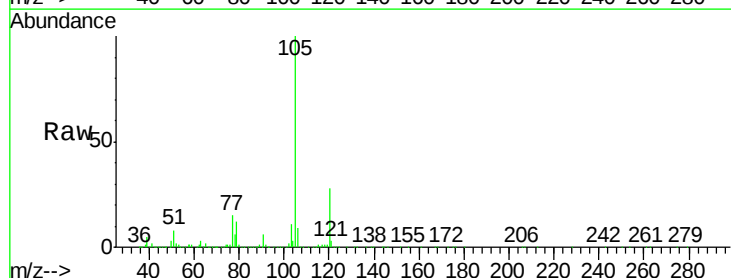
Manual Integrations
APPROVED

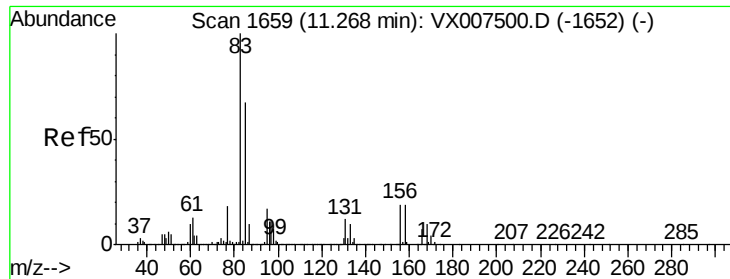
MMDadoda
2/13/2019 11:53:22 AM



#70
Isopropylbenzene
Concen: 19.981 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	19.8	36.8





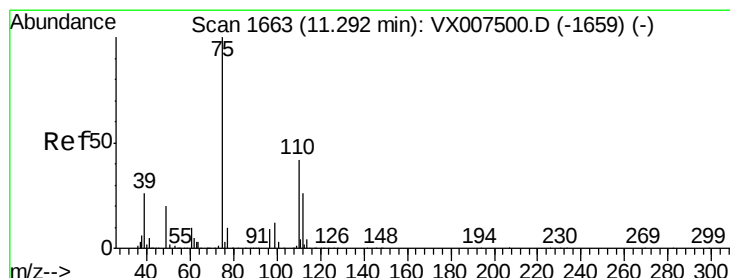
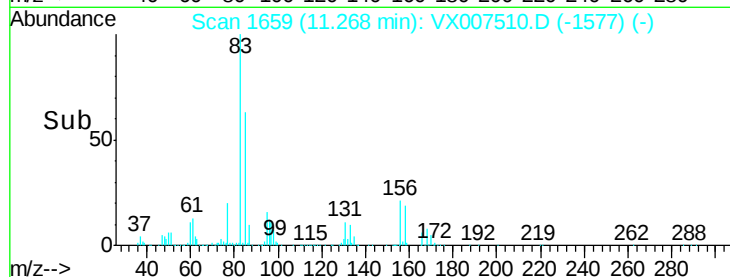
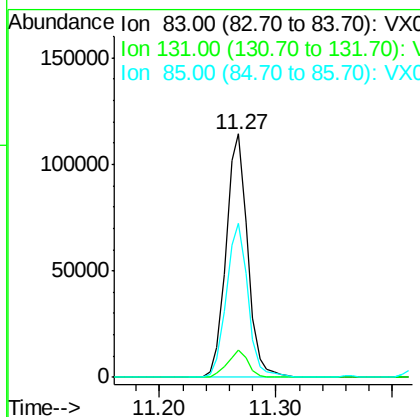
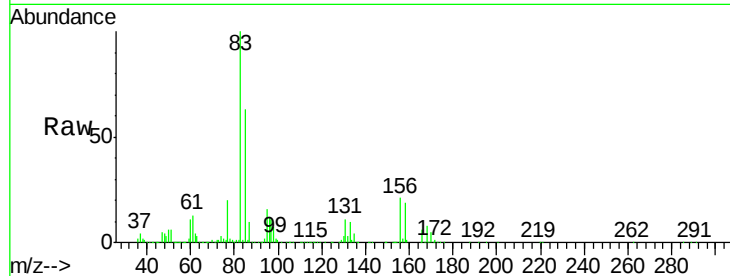
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.634 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	63.9	32.8	98.4

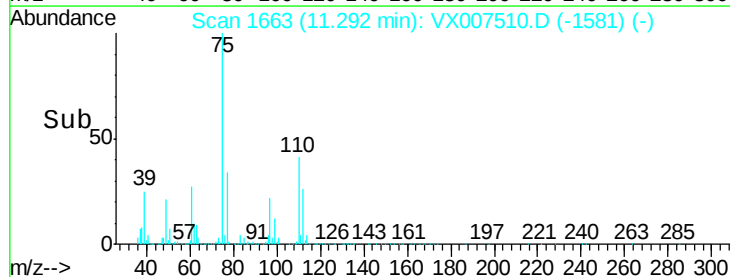
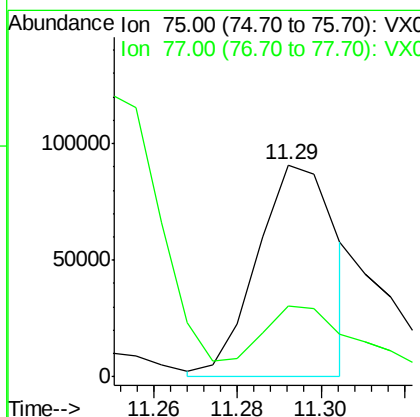
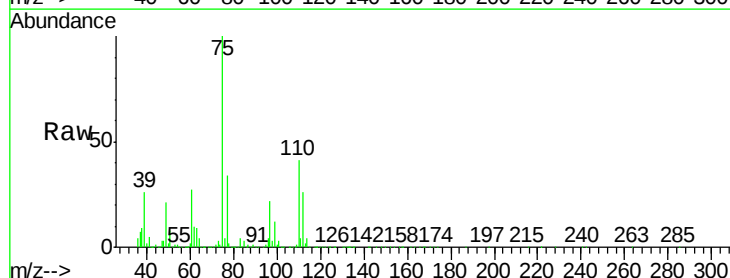
Manual Integrations
 APPROVED

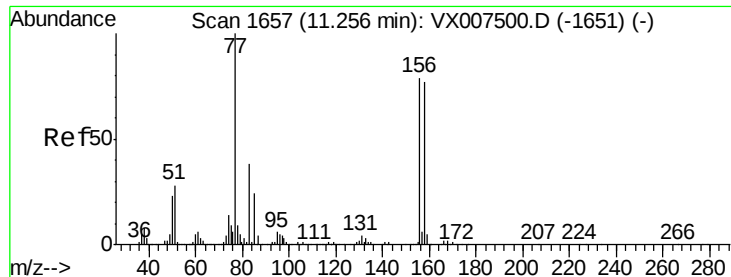
MMDadoda
 2/13/2019 11:53:22 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.233 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	43.0	0.0	76.4





#73

Bromobenzene

Concen: 20.520 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

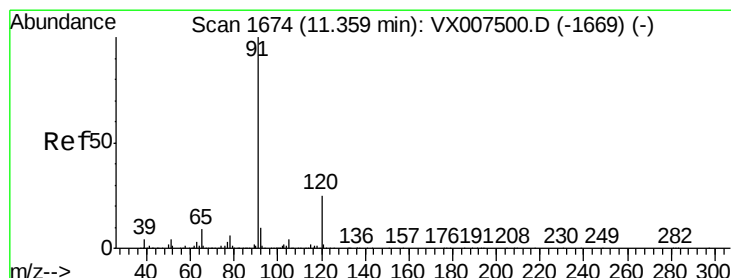
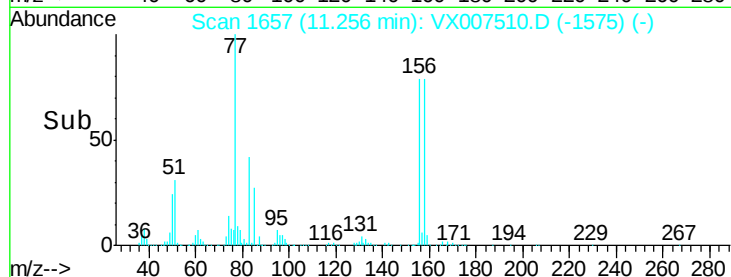
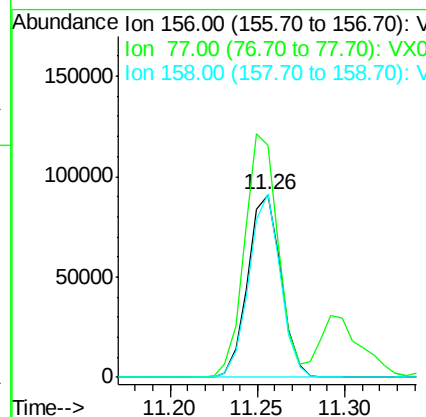
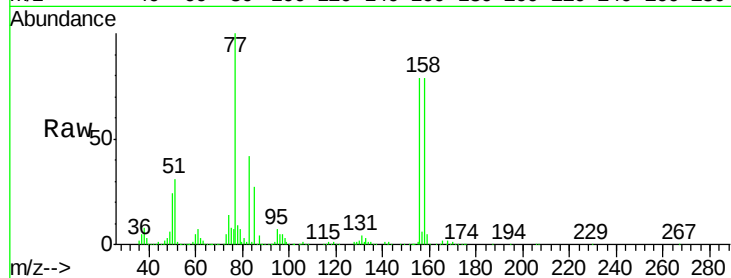
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.3	0.0	271.4
158	95.5	0.0	194.0

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2/13/2019 11:53:22 AM



#74

n-propylbenzene

Concen: 19.794 ug/l

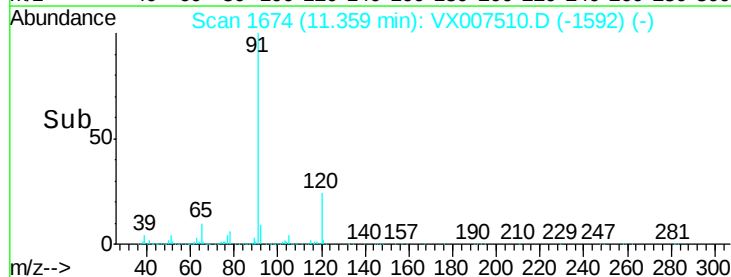
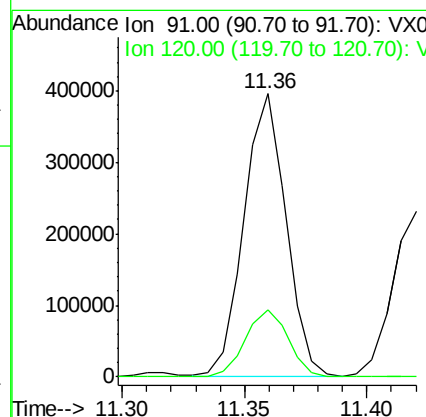
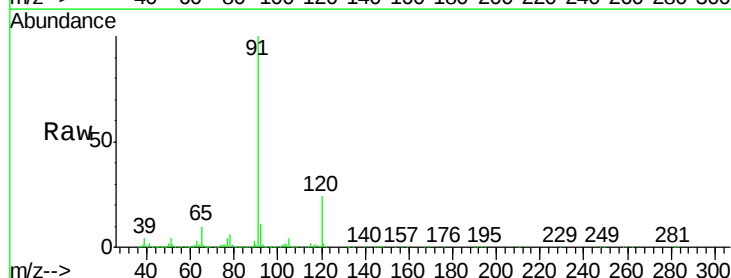
RT: 11.36 min Scan# 1674

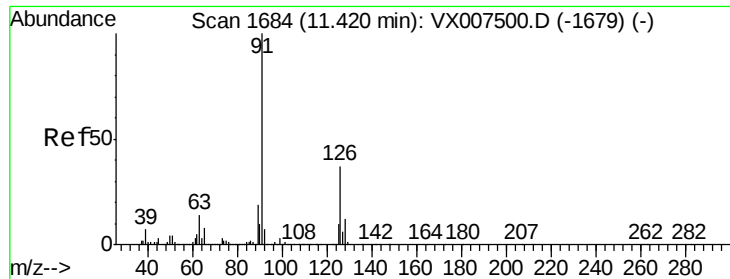
Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.871 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 282777

Ion Ratio Lower Upper

91 100

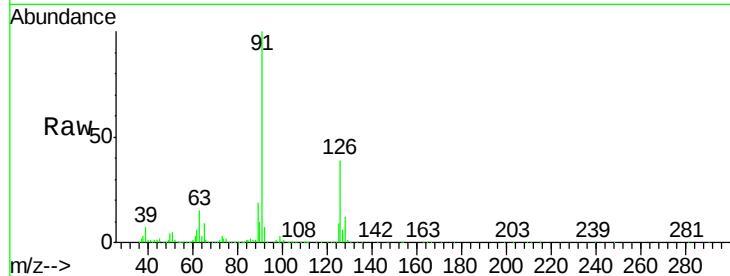
126 37.4 0.0 75.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX007510.D (-1602) (-)

Ion 126.00 (125.70 to 126.70): VX007510.D (-1602) (-)

400000

300000

200000

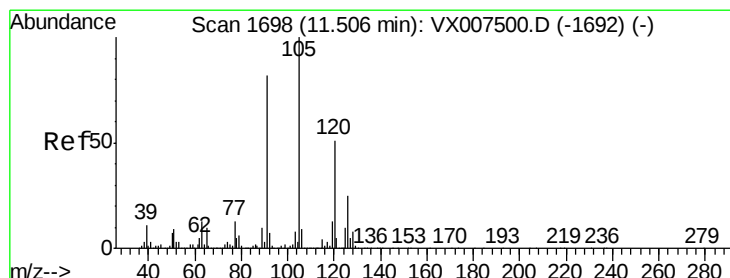
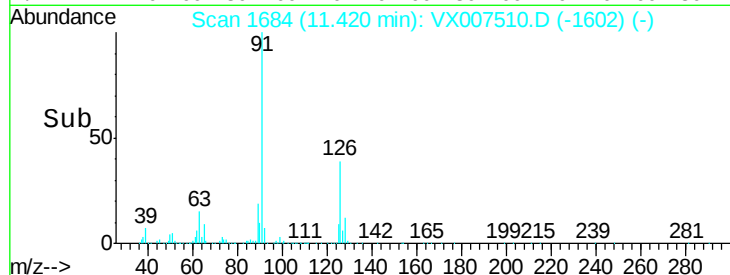
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.961 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007510.D

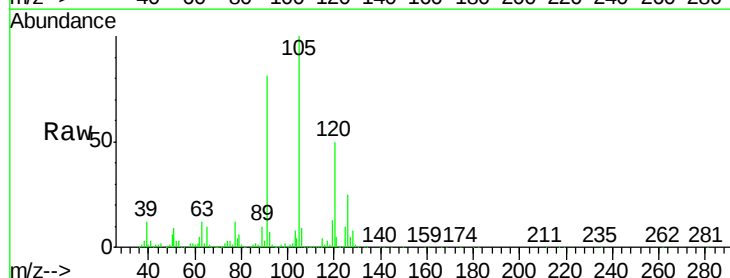
Acq: 13 Feb 2019 03:55

Tgt Ion: 105 Resp: 349267

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX007510.D (-1616) (-)

Ion 120.00 (119.70 to 120.70): VX007510.D (-1616) (-)

300000

200000

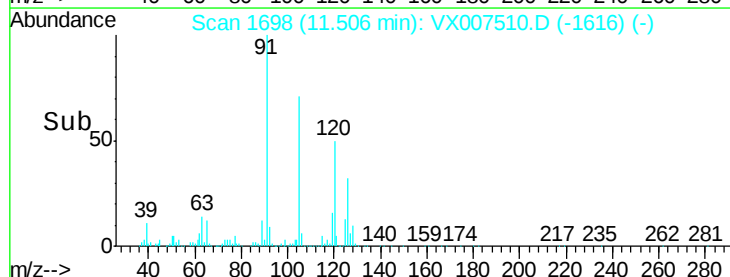
100000

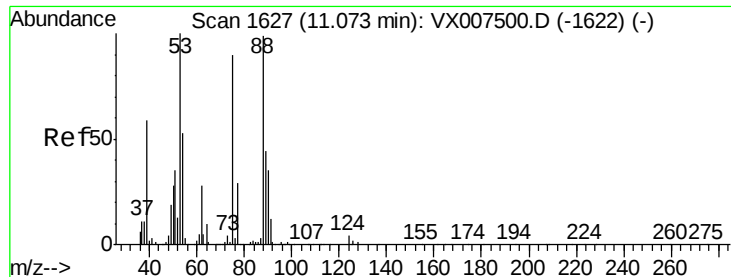
0

11.51

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.446 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

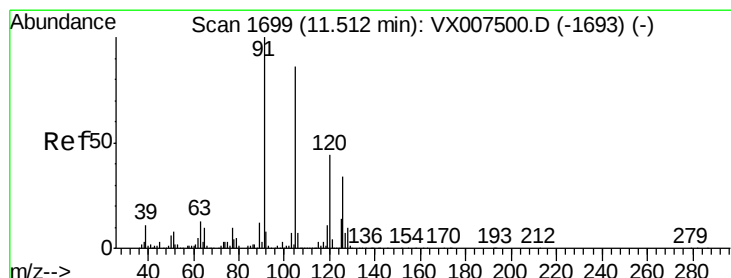
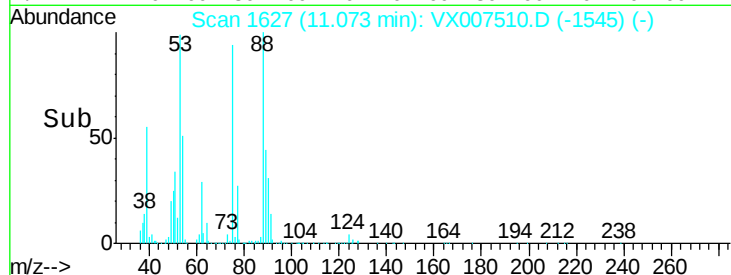
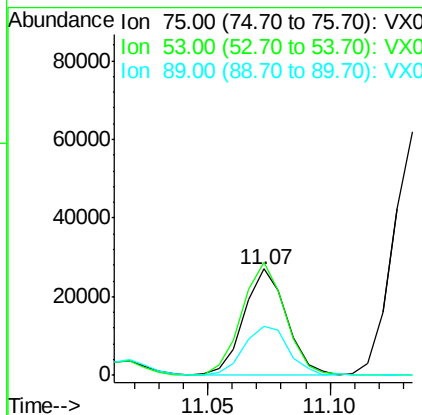
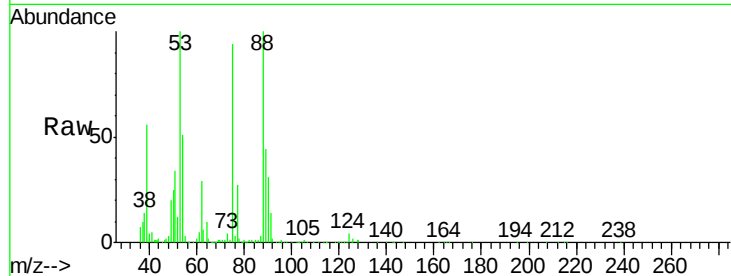
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	32626
Ion	Ratio	Lower	Upper
75	100		
53	106.6	55.5	166.7
89	46.8	24.4	73.2

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#78

4-Chlorotoluene

Concen: 19.465 ug/l

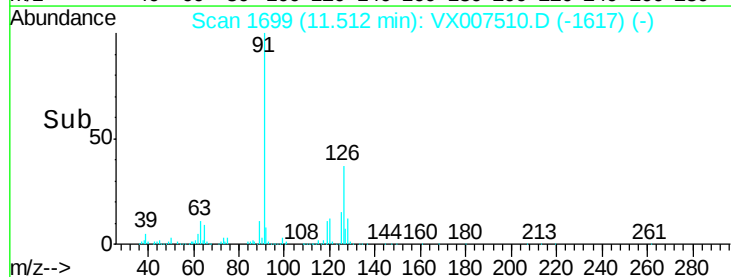
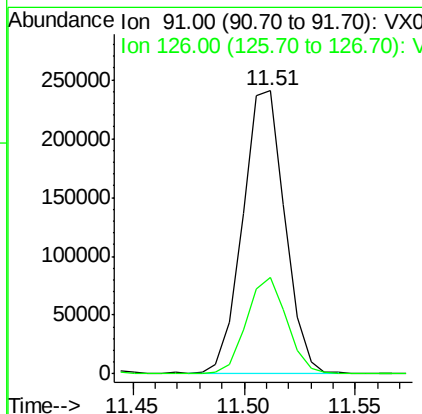
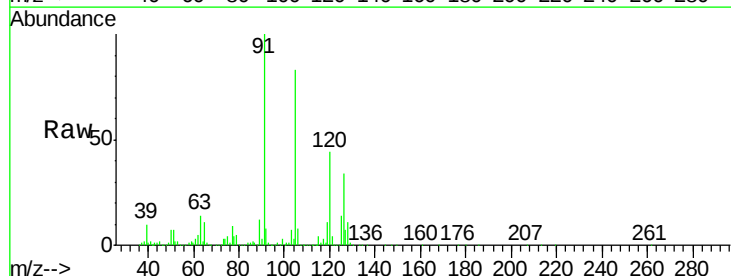
RT: 11.51 min Scan# 1699

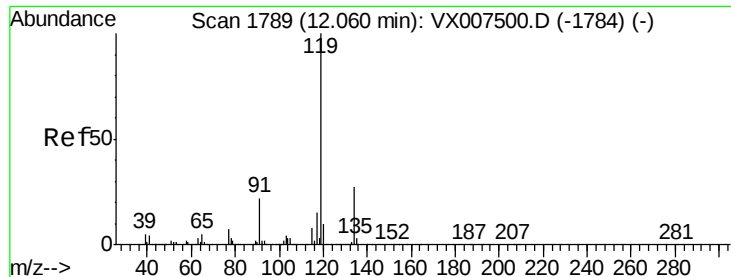
Delta R.T. -0.00 min

Lab File: VX007510.D

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Tgt Ion:	91	Resp:	316167
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	66.2





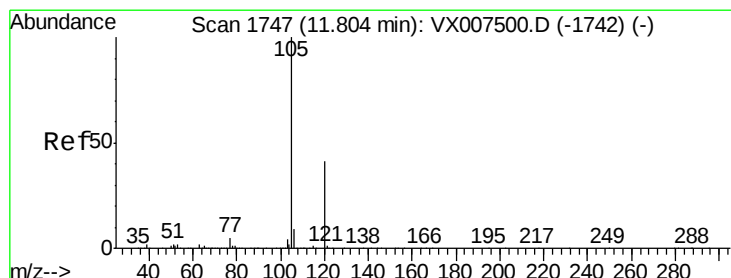
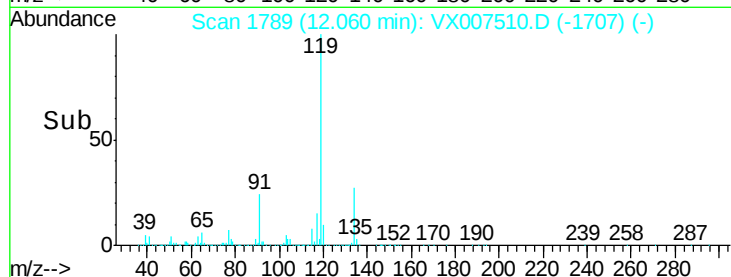
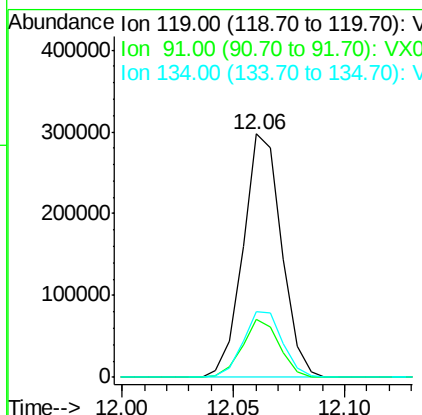
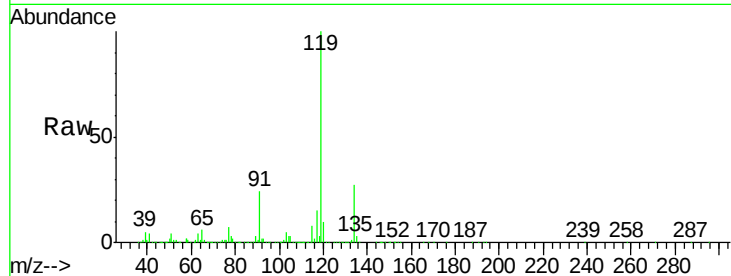
#79
tert-butylbenzene
Concen: 19.205 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	356811		
91	23.0		0.0	45.0
134	27.9		0.0	55.4

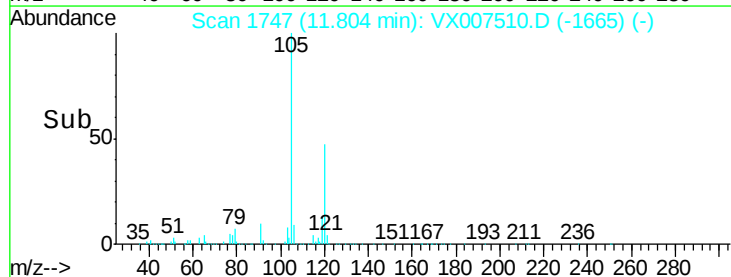
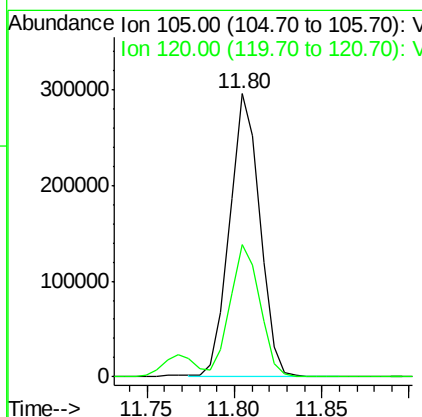
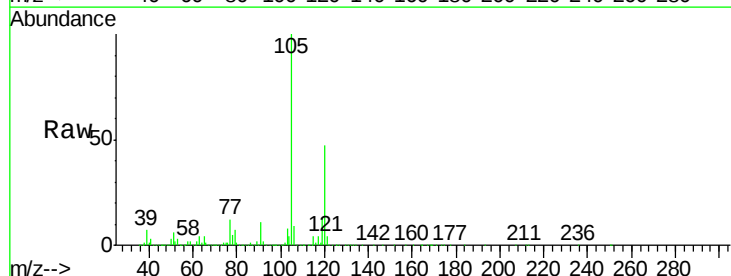
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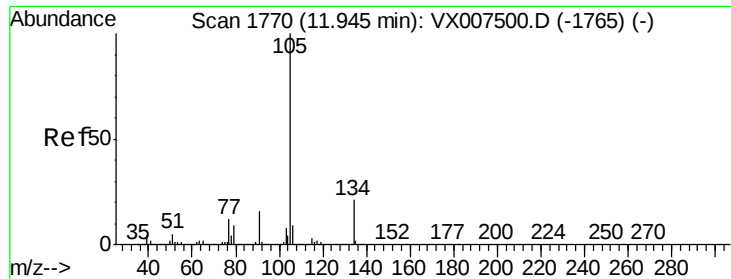
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.963 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354576		
120	45.8		0.0	94.0





#81

sec-Butylbenzene

Concen: 19.880 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 415399

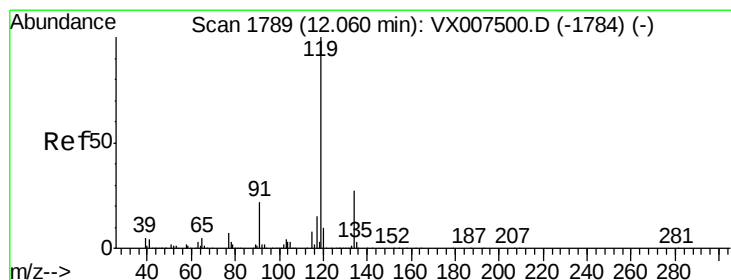
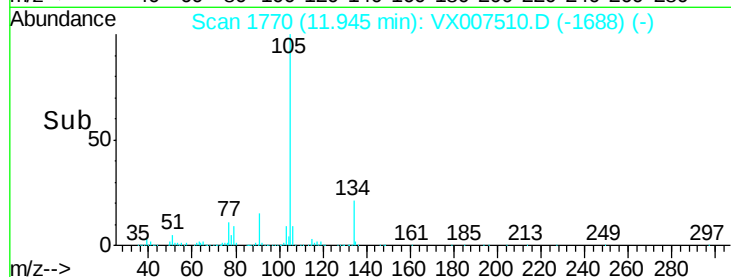
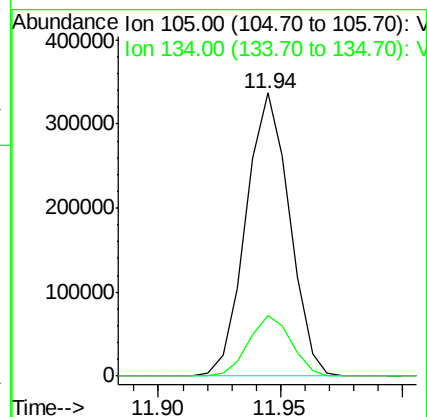
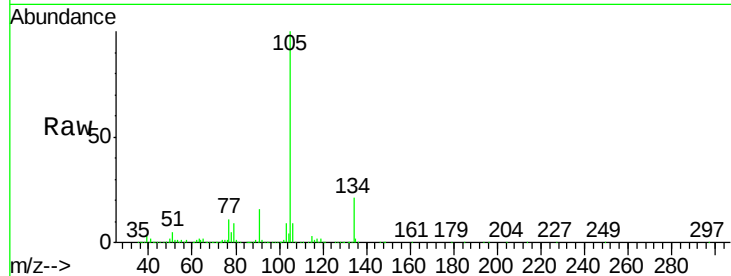
Ion Ratio Lower Upper

105 100

134 20.9 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 19.205 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

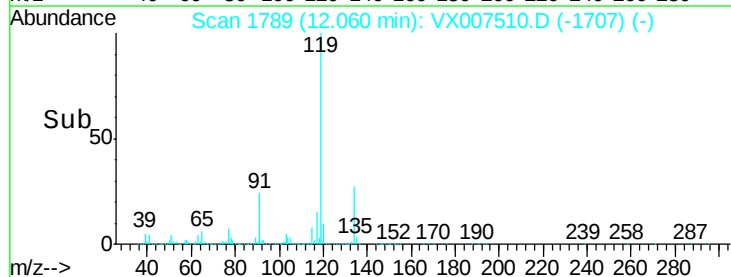
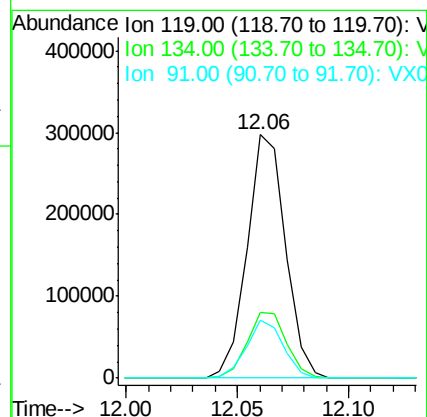
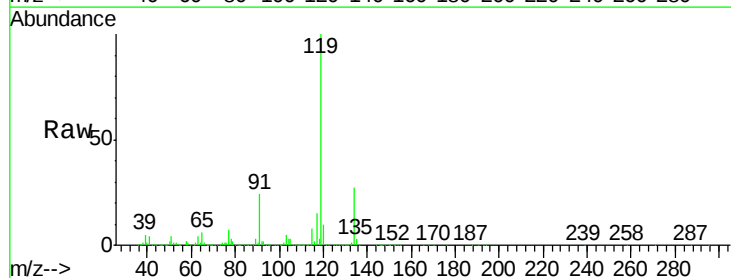
Tgt Ion:119 Resp: 356811

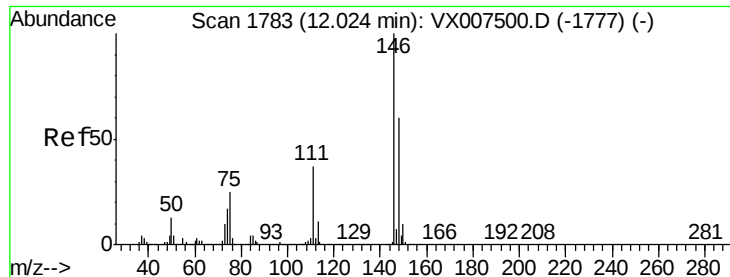
Ion Ratio Lower Upper

119 100

134 27.9 0.0 55.4

91 23.0 0.0 45.0





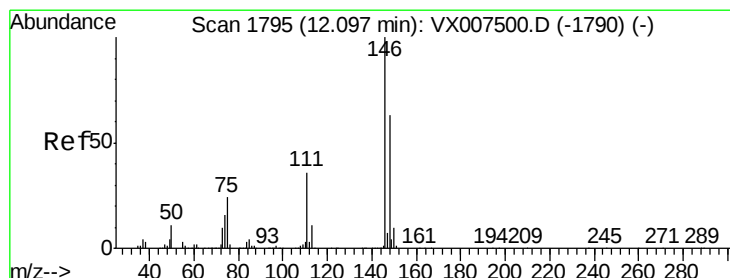
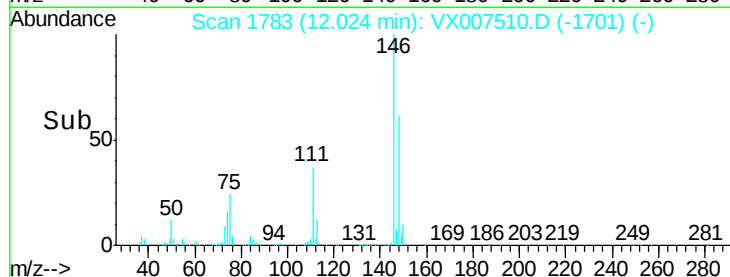
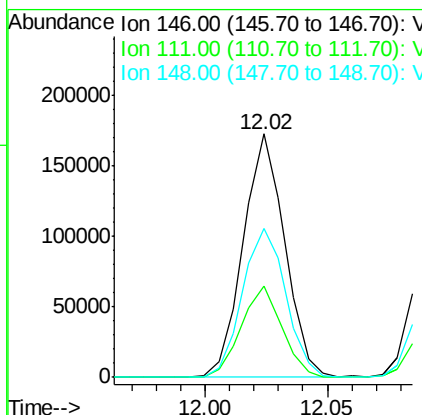
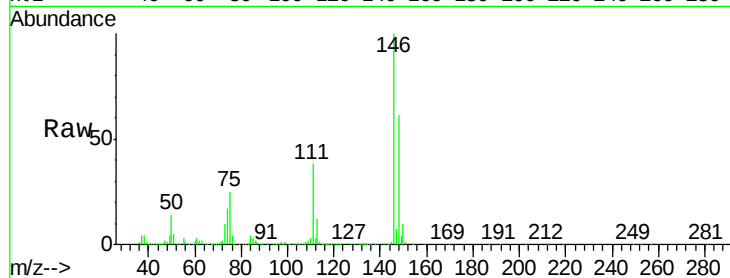
#83
 1,3-Dichlorobenzene
 Concen: 19.845 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	63.9	30.6	91.8

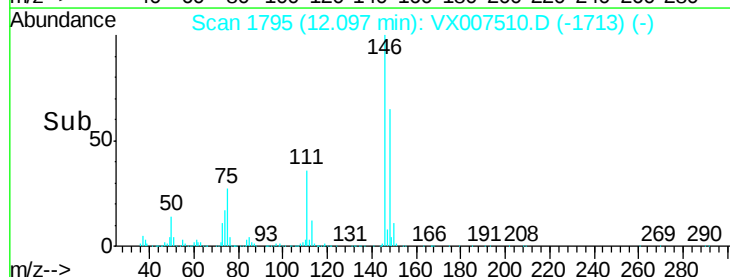
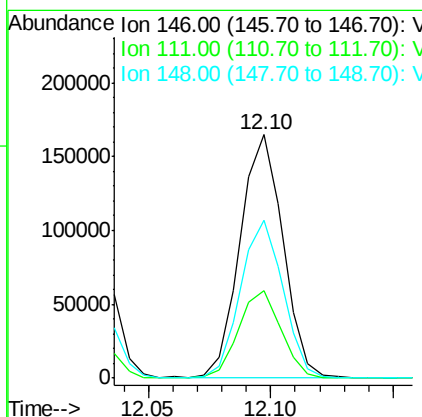
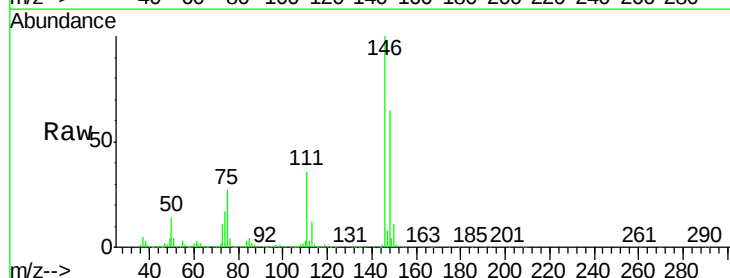
Manual Integrations
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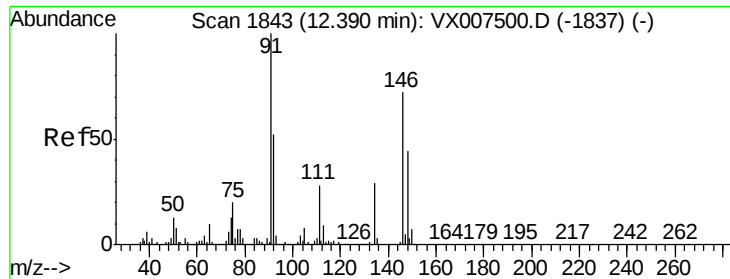
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#84
 1,4-Dichlorobenzene
 Concen: 19.691 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.6	52.8
148	64.4	31.4	94.2





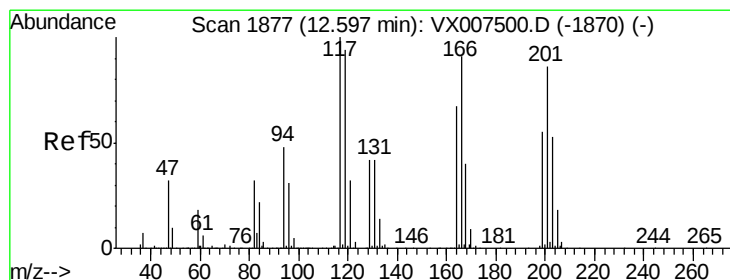
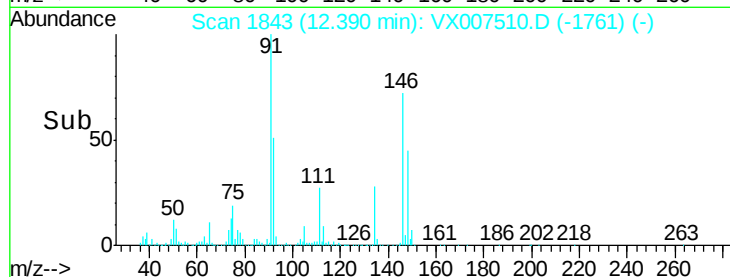
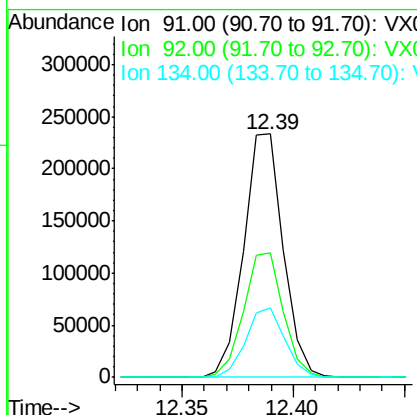
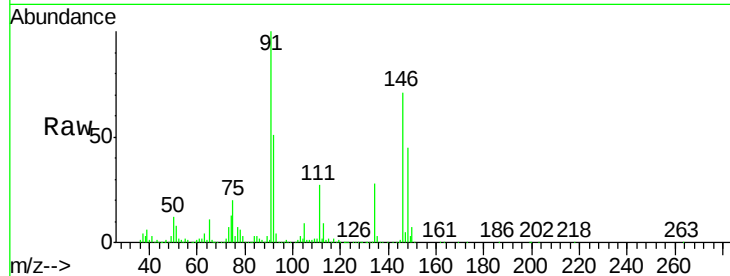
#85
n-Butylbenzene
Concen: 18.772 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	289413		
92	51.1	0.0	105.2	
134	28.1	0.0	56.4	

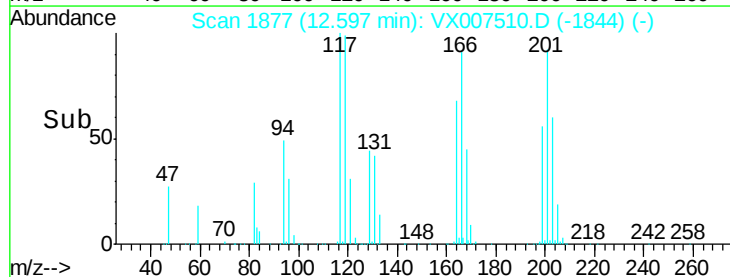
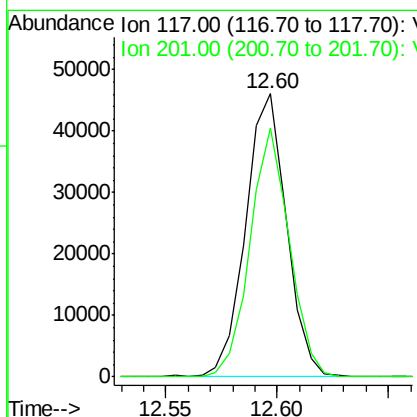
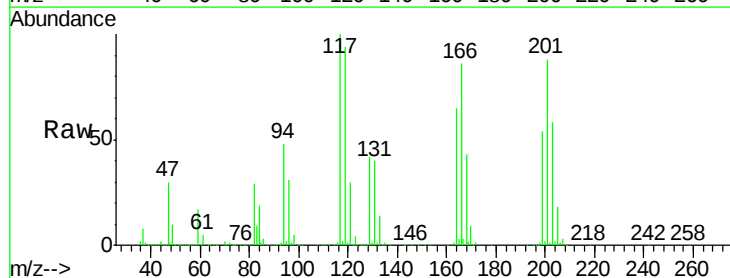
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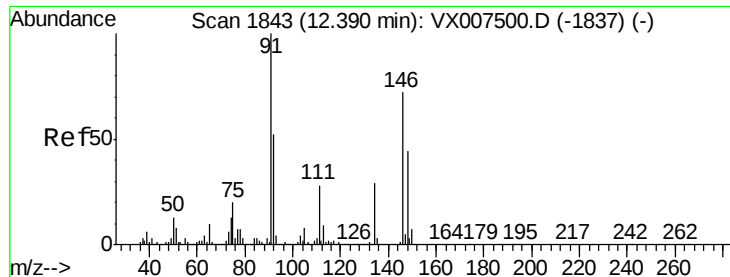
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#86
Hexachloroethane
Concen: 18.949 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58451		
201	85.1	41.1	123.3	





#87

1,2-Dichlorobenzene

Concen: 20.279 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Instrument :

MSVOA_X

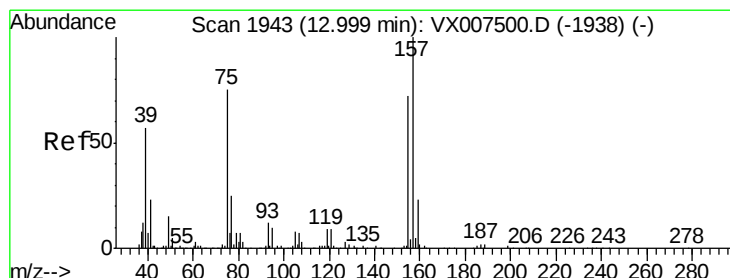
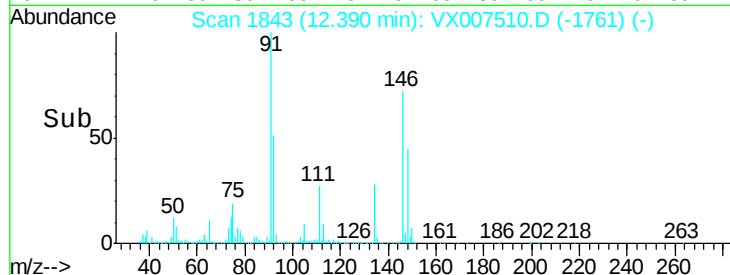
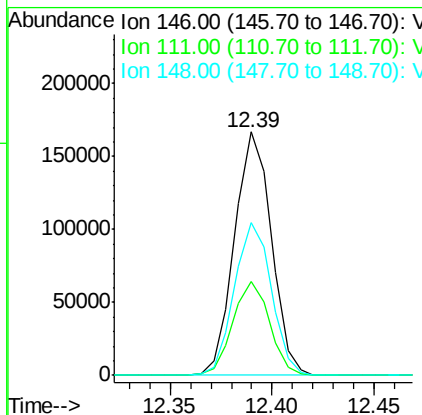
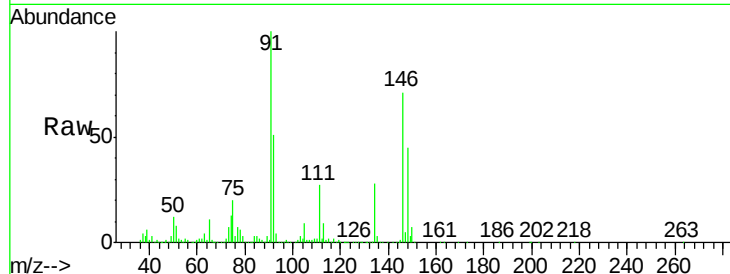
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	209401
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.3	57.8
148	63.3	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.611 ug/l

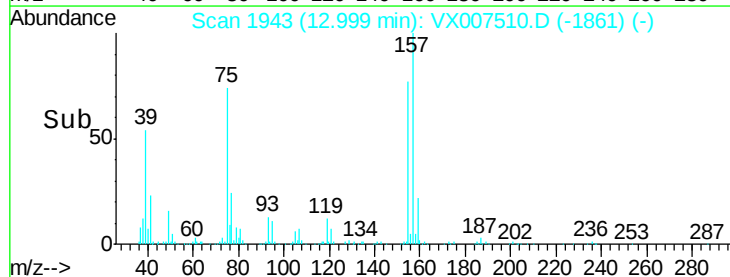
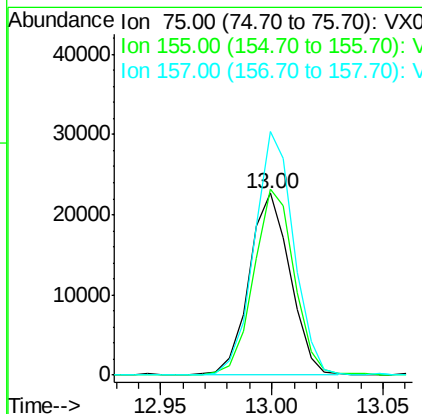
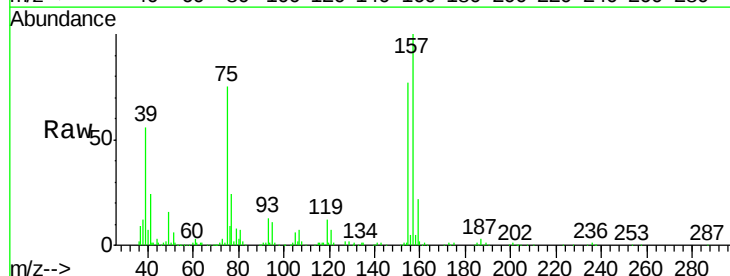
RT: 13.00 min Scan# 1943

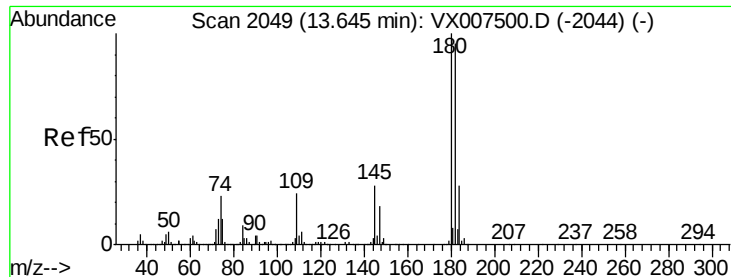
Delta R.T. 0.00 min

Lab File: VX007510.D

Acq: 13 Feb 2019 03:55

Tgt Ion:	75	Resp:	28998
Ion Ratio	Lower	Upper	
75	100		
155	101.0	81.0	121.6
157	128.3	103.2	154.8





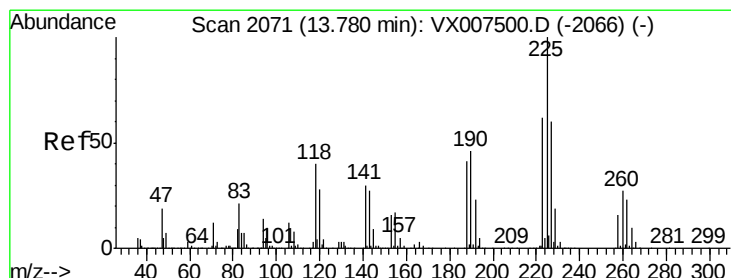
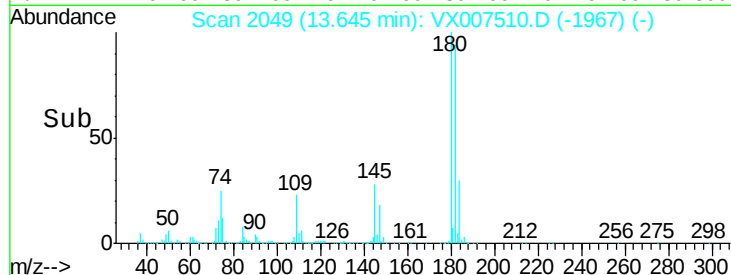
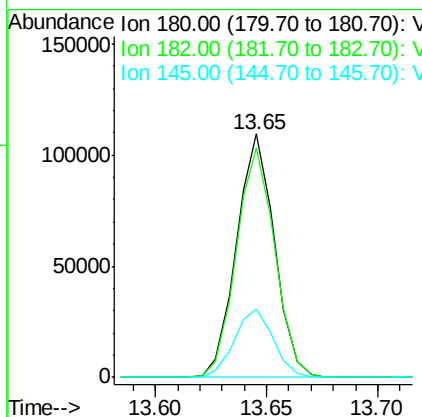
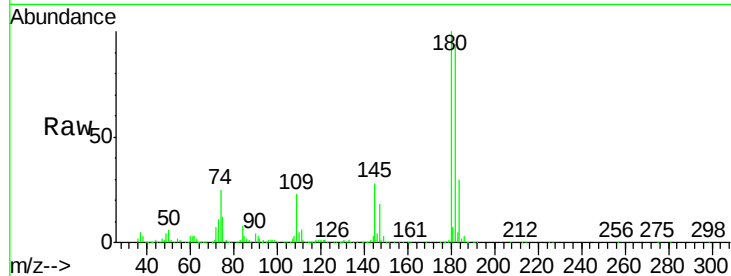
#89
 1,2,4-Trichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129418		
182	96.2	75.6	113.4	
145	29.0	23.0	34.6	

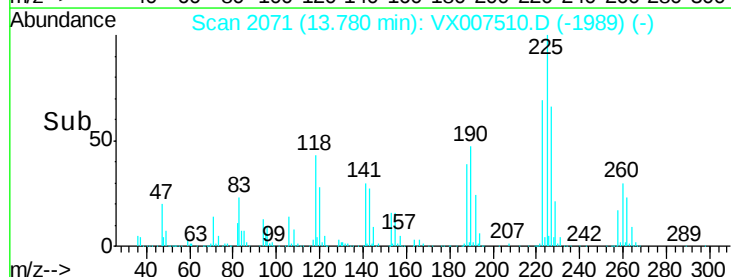
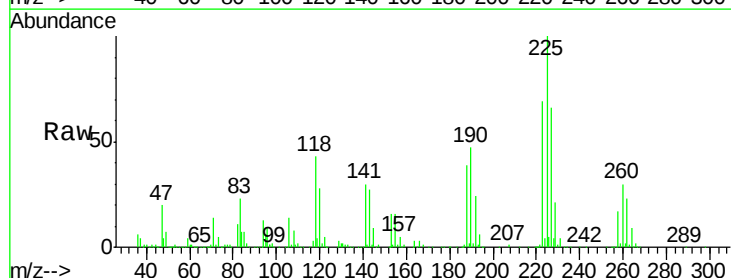
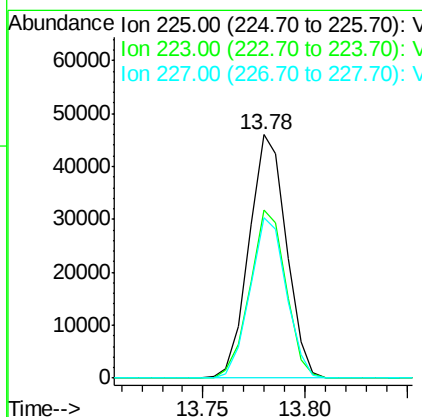
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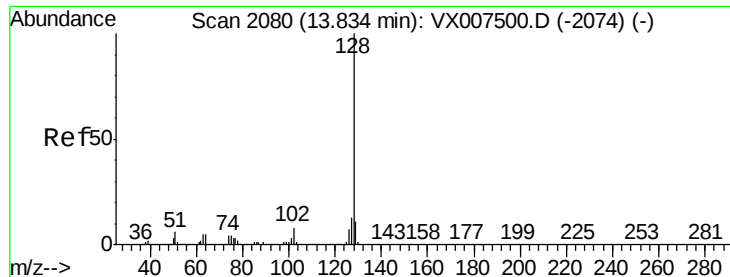
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#90
 Hexachlorobutadiene
 Concen: 18.503 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007510.D
 Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58630		
223	66.8	0.0	123.8	
227	63.8	0.0	124.4	





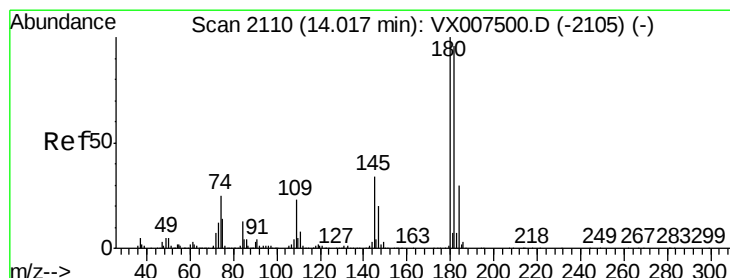
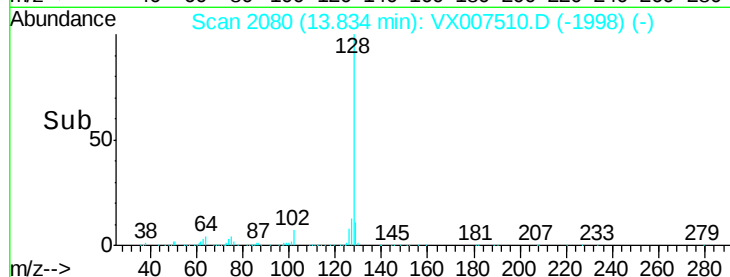
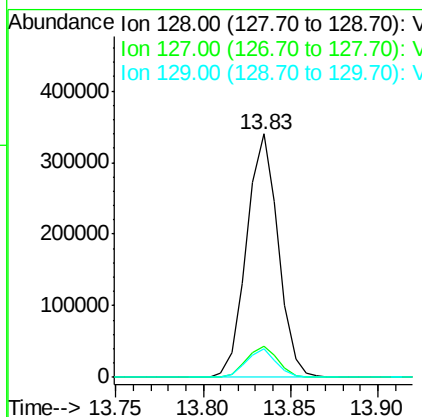
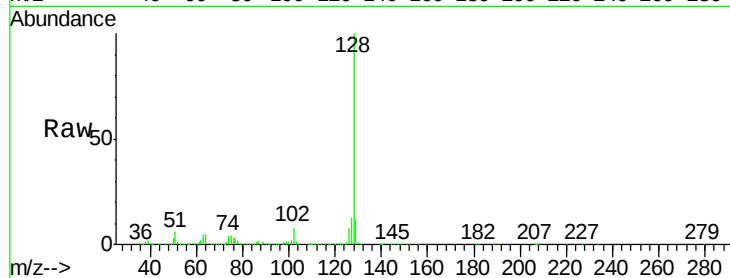
#91
Naphthalene
Concen: 19.701 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.549 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007510.D
Acq: 13 Feb 2019 03:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	0.0	193.0
145	31.5	0.0	63.0

