

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010294.D
 Acq On : 14 Jun 2019 12:46
 Operator : JC/SP
 Sample : VX0614MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:02 AM

Quant Time: Jun 14 16:27:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	424082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193818	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	128288	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.50	113	126987	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	474679	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.13	95	170261	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41879	16.137	ug/l	99
3) Chloromethane	1.33	50	40264	15.623	ug/l	100
4) Vinyl Chloride	1.41	62	44170	18.235	ug/l	100
5) Bromomethane	1.64	94	22983	25.144	ug/l	96
6) Chloroethane	1.72	64	26044	21.325	ug/l	99
7) Trichlorofluoromethane	1.93	101	67512	18.763	ug/l	97
8) Diethyl Ether	2.19	74	24083	19.419	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39020	15.732	ug/l	91
10) Methyl Iodide	2.51	142	53148	13.830	ug/l	98
11) Tert butyl alcohol	3.04	59	65116	96.552	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40356	15.930	ug/l #	78
13) Acrolein	2.29	56	8018	65.201	ug/l	94
14) Allyl chloride	2.73	41	57853	15.129	ug/l #	86
15) Acrylonitrile	3.14	53	115121	83.512	ug/l	99
16) Acetone	2.44	43	110029	84.974	ug/l	90
17) Carbon Disulfide	2.57	76	96766	13.220	ug/l	97
18) Methyl Acetate	2.78	43	50124	17.602	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	129371	15.896	ug/l	92
20) Methylene Chloride	2.86	84	45704	16.072	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	42051	14.999	ug/l #	76
22) Diisopropyl ether	3.85	45	122001	16.687	ug/l #	94
23) Vinyl Acetate	3.82	43	528653	81.052	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	69981	15.765	ug/l	95
25) 2-Butanone	4.67	43	164504	85.316	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	60152	14.853	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	50628	16.233	ug/l	76
28) Bromochloromethane	5.01	49	31793	15.981	ug/l #	22
29) Tetrahydrofuran	5.13	42	100348	82.812	ug/l #	74
30) Chloroform	5.21	83	75131	16.297	ug/l	96
31) Cyclohexane	5.58	56	61262	15.291	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	65762	15.173	ug/l	93
36) 1,1-Dichloropropene	5.80	75	51708	14.945	ug/l	90
37) Ethyl Acetate	4.83	43	58952	16.376	ug/l #	90
38) Carbon Tetrachloride	5.79	117	58259	14.877	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69879	14.832	ug/l #	82
40) Benzene	6.14	78	175141	16.370	ug/l	97
41) Methacrylonitrile	5.04	41	30871	15.853	ug/l #	80
42) 1,2-Dichloroethane	6.19	62	54879	16.068	ug/l	93
43) Isopropyl Acetate	6.45	43	97208	16.150	ug/l #	90
44) Trichloroethene	7.21	130	52011	16.128	ug/l	85
45) 1,2-Dichloropropane	7.51	63	44841	16.746	ug/l	98
46) Dibromomethane	7.66	93	30673	15.290	ug/l	89
47) Bromodichloromethane	7.90	83	57757	15.407	ug/l #	97
48) Methyl methacrylate	7.77	41	44705	15.882	ug/l #	77
49) 1,4-Dioxane	7.74	88	26063	324.747	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	314081	87.348	ug/l	90
52) Toluene	8.78	92	112719	16.028	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64101	14.784	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69417	14.934	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	48563	16.861	ug/l	97
56) Ethyl methacrylate	9.18	69	72051	15.837	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	73878	16.293	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	202521	94.423	ug/l #	86
59) 2-Hexanone	9.49	43	248002	86.505	ug/l	89
60) Dibromochloromethane	9.58	129	52156	15.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50514	15.747	ug/l	99
64) Tetrachloroethene	9.34	164	49813	17.486	ug/l	98
65) Chlorobenzene	10.13	112	129901	16.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	47810	15.705	ug/l	99
67) Ethyl Benzene	10.25	91	216339	16.053	ug/l	93
68) m/p-Xylenes	10.36	106	168252	32.263	ug/l	90
69) o-Xylene	10.69	106	83928	16.190	ug/l	89
70) Styrene	10.71	104	140738	16.030	ug/l	94
71) Bromoform	10.85	173	41021	14.657	ug/l #	99
73) Isopropylbenzene	11.02	105	216338	15.990	ug/l	96
74) N-amyl acetate	10.90	43	83482	15.609	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	76208	16.455	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	62188m	16.041	ug/l	
77) Bromobenzene	11.25	156	59869	16.091	ug/l	80
78) n-propylbenzene	11.36	91	238279	15.819	ug/l	95
79) 2-Chlorotoluene	11.42	91	141000	15.586	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	179681	15.767	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	24052	13.708	ug/l	88
82) 4-Chlorotoluene	11.51	91	160047	15.574	ug/l	89
83) tert-Butylbenzene	11.77	119	181699	15.753	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	184455	16.025	ug/l	96
85) sec-Butylbenzene	11.94	105	215196	16.014	ug/l	96
86) p-Isopropyltoluene	12.06	119	195981	15.954	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	104984	16.019	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	106733	16.156	ug/l	98
89) n-Butylbenzene	12.38	91	164782	15.583	ug/l	97
90) Hexachloroethane	12.59	117	33068	13.513	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	106574	16.727	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15240	13.984	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72719	15.593	ug/l	99
94) Hexachlorobutadiene	13.78	225	35458	17.096	ug/l	99
95) Naphthalene	13.83	128	236015	16.076	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74808	16.223	ug/l	98

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

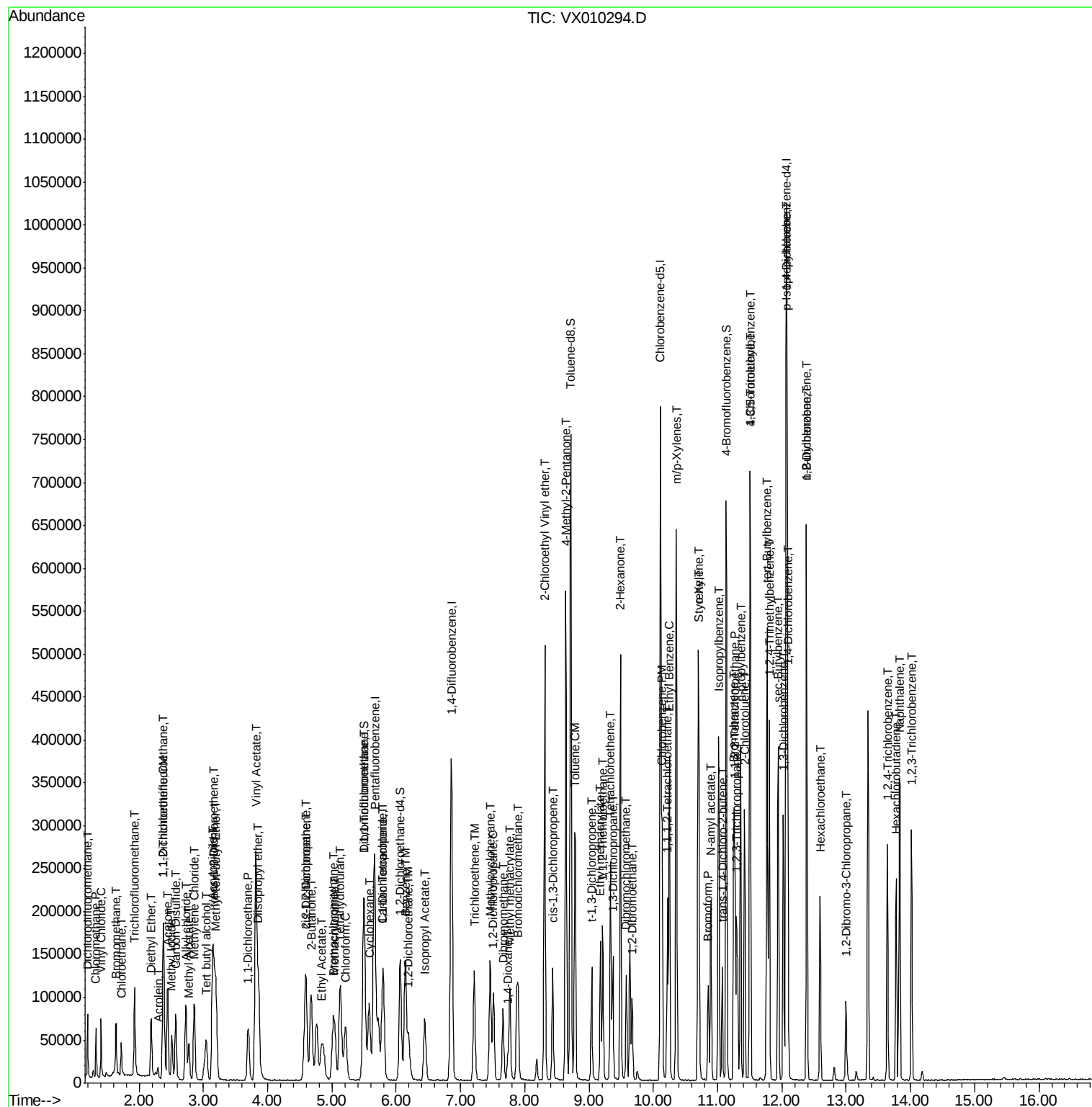
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Data File : VX010294.D
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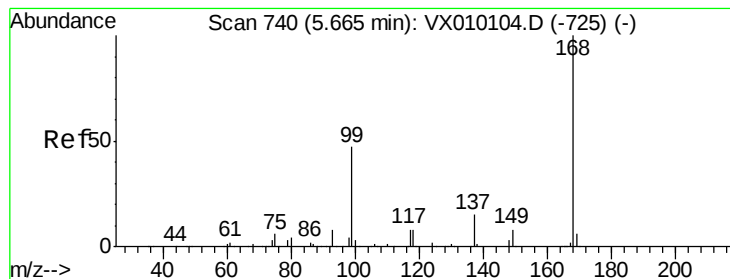
Instrument :
MSVOA_X
Client Sampled :
VX0614MBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion:168 Resp: 282039

Ion Ratio Lower Upper

168 100

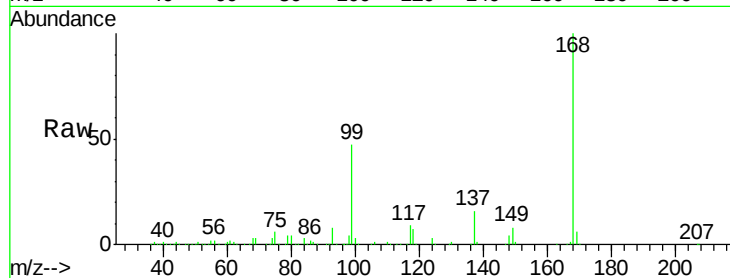
99 47.2 43.0 64.6

Manual Integrations

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6/17/2019 10:36:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

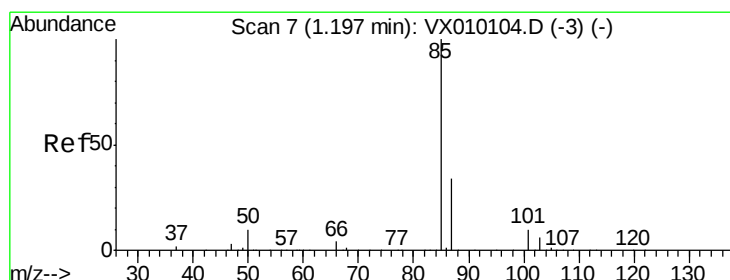
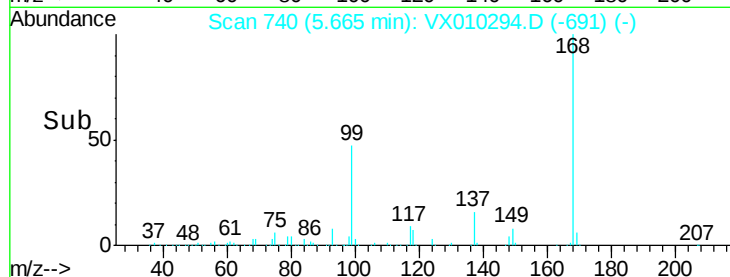
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.137 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010294.D

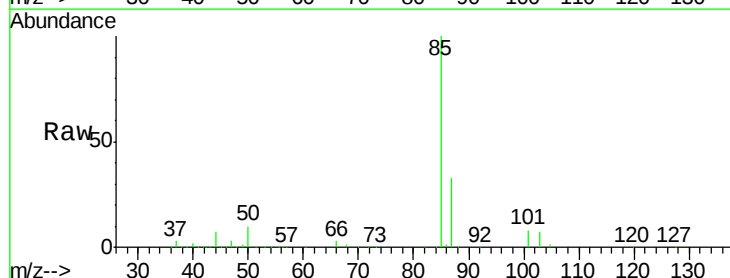
Acq: 14 Jun 2019 12:46

Tgt Ion: 85 Resp: 41879

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

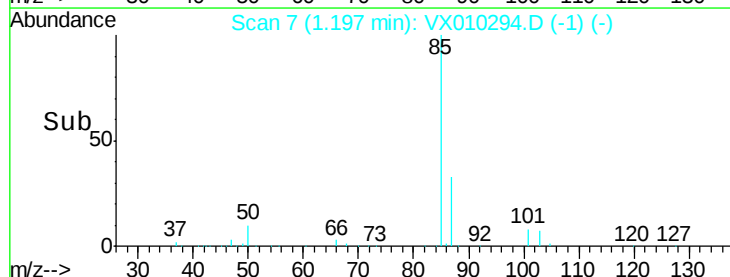
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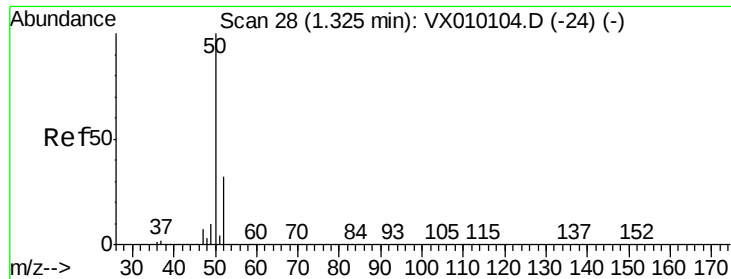
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 15.623 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 50 Resp: 40264

Ion Ratio Lower Upper

50 100

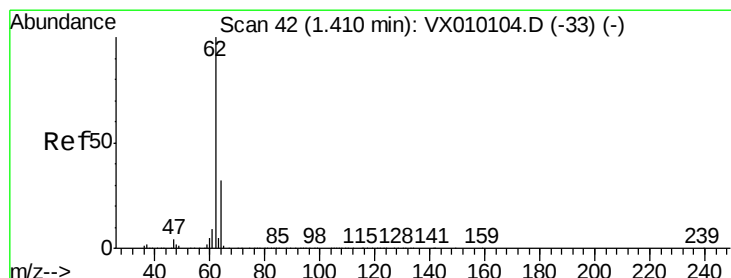
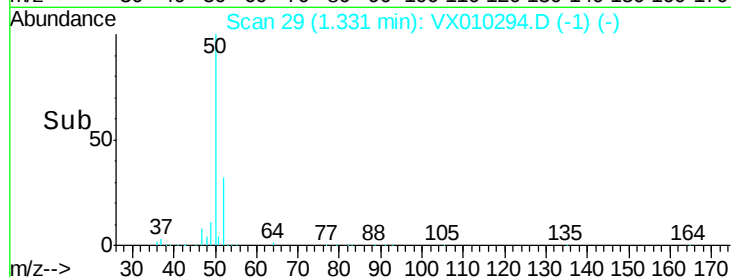
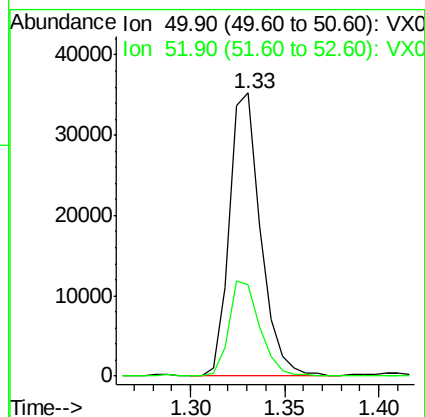
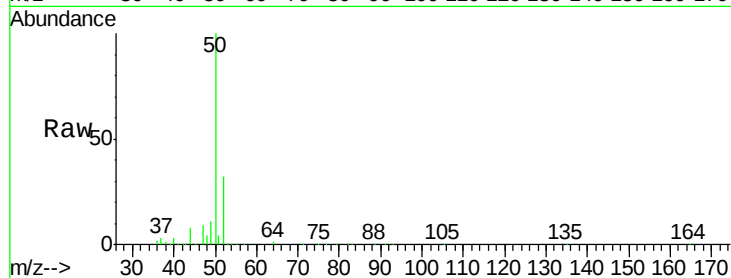
52 32.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.235 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010294.D

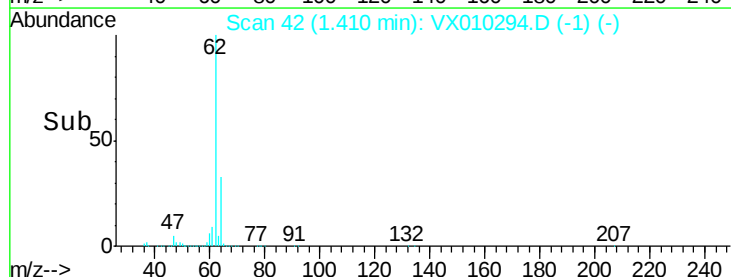
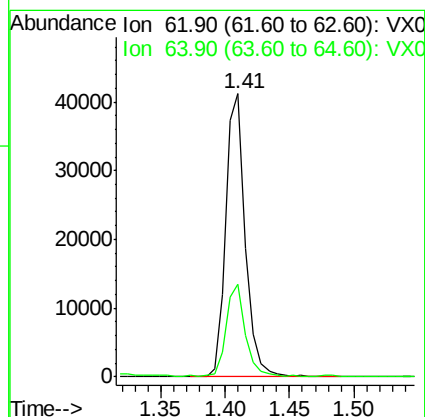
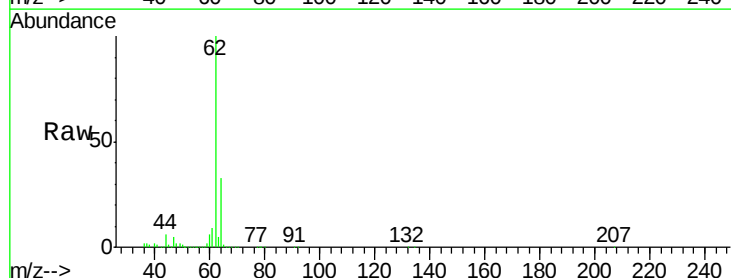
Acq: 14 Jun 2019 12:46

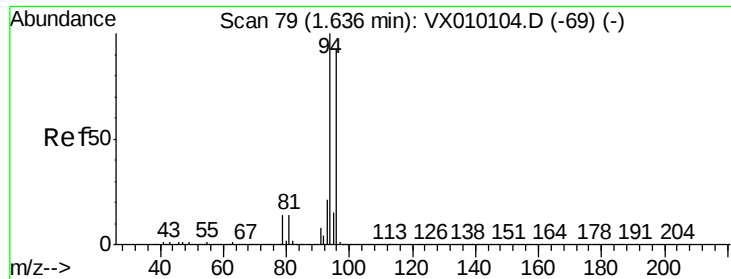
Tgt Ion: 62 Resp: 44170

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 25.144 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 22983

Ion Ratio Lower Upper

94 100

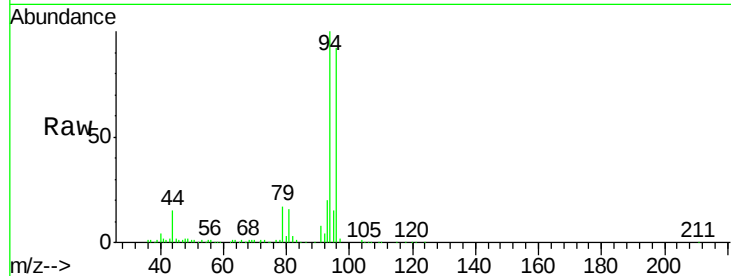
96 91.7 76.2 114.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

10000

5000

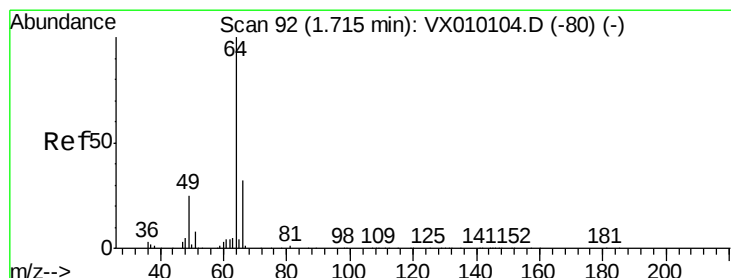
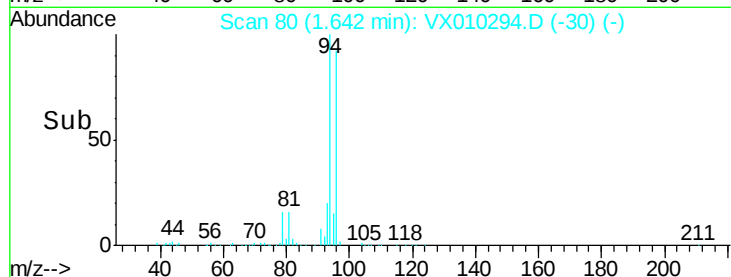
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Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 21.325 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010294.D

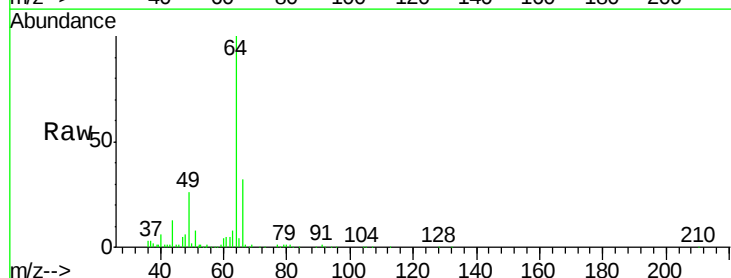
Acq: 14 Jun 2019 12:46

Tgt Ion: 64 Resp: 26044

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

5000

0

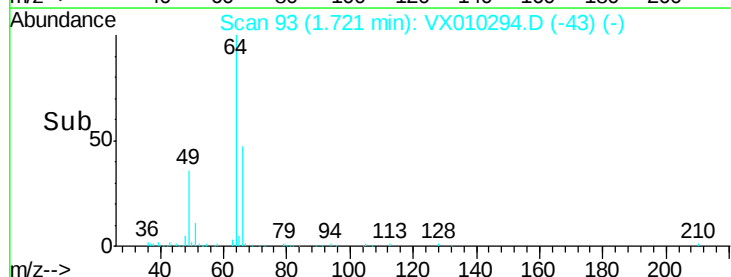
Time-->

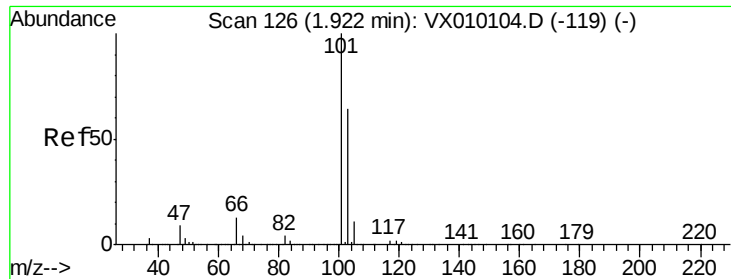
1.65

1.70

1.75

1.80





#7

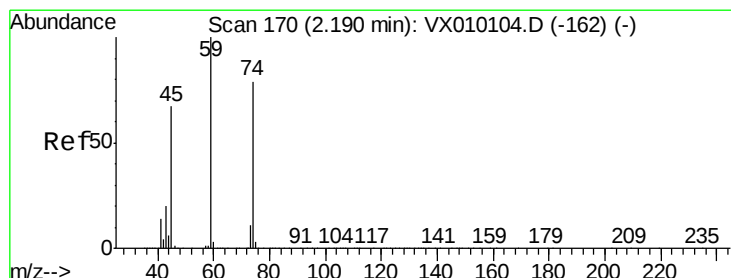
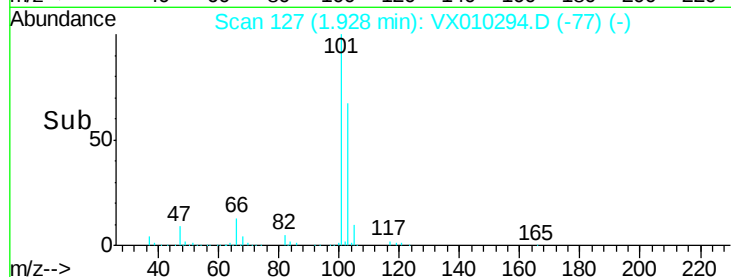
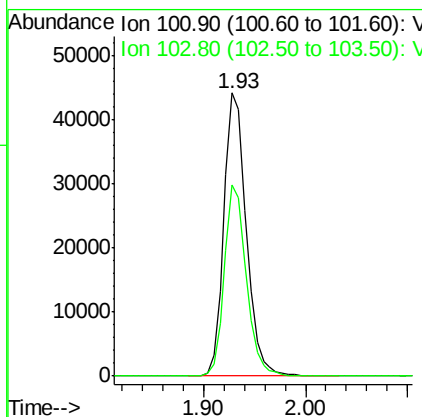
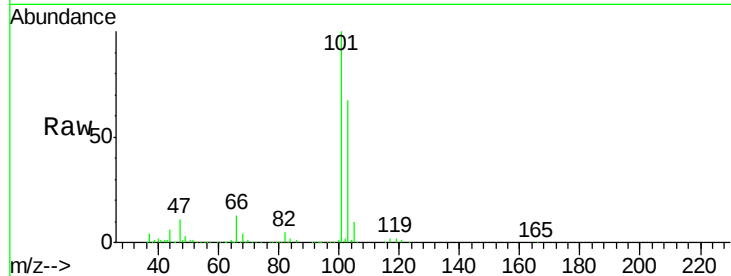
Trichlorofluoromethane
Concen: 18.763 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	52.2	78.4

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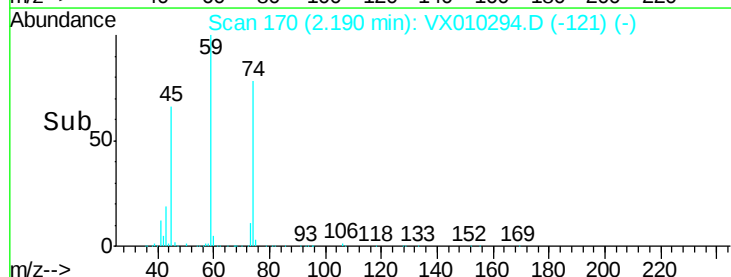
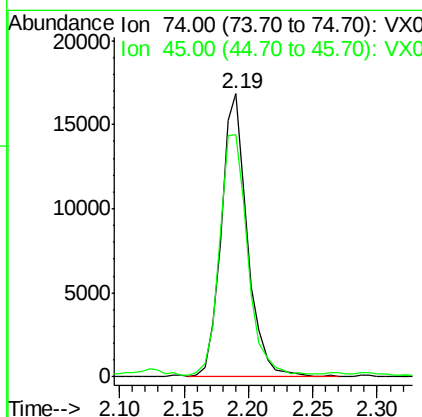
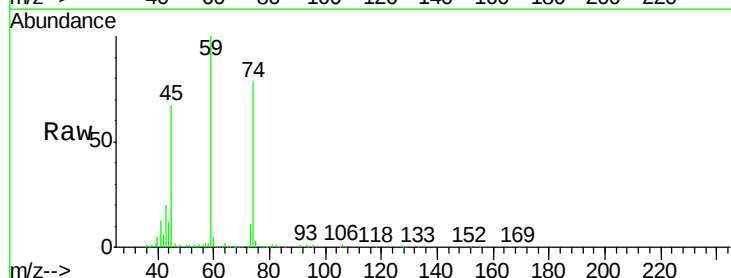
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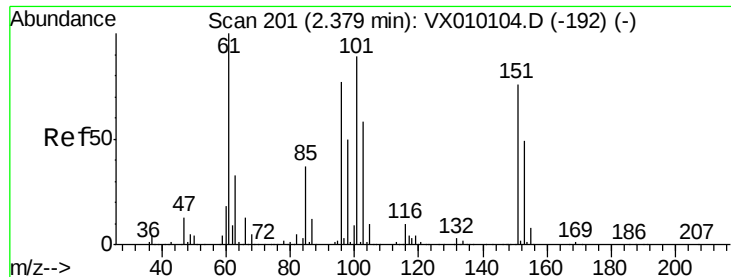


#8

Diethyl Ether
Concen: 19.419 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.732 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

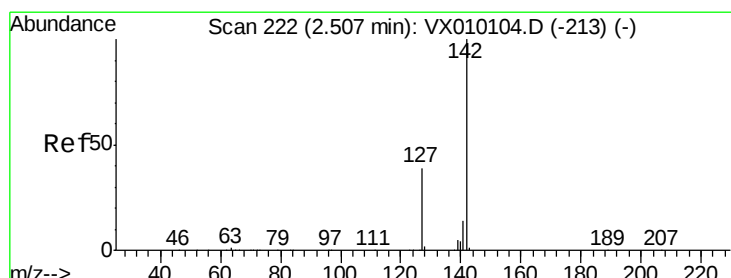
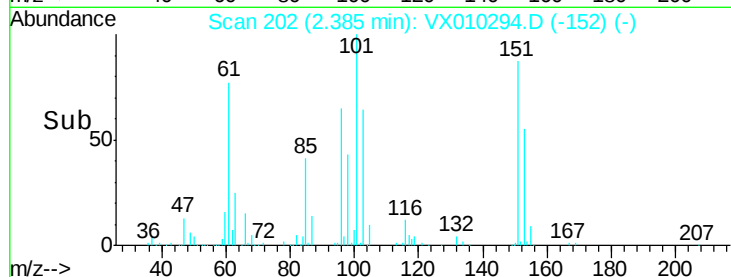
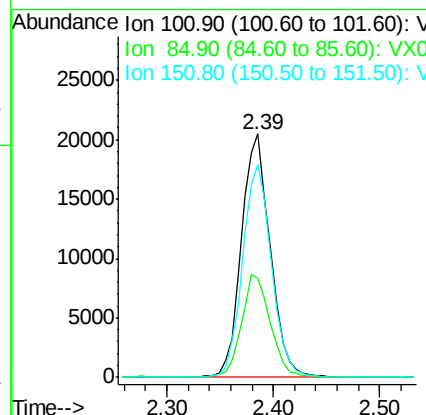
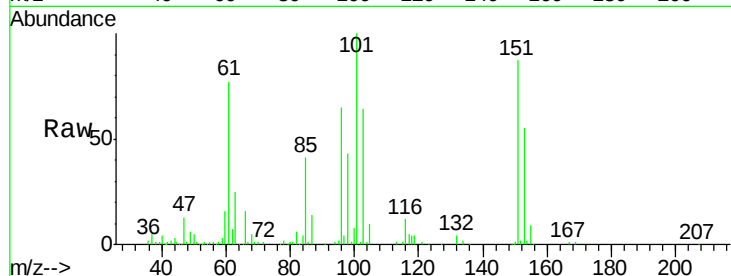
ClientSampleId :

VX0614MBS01

Tot Ion:	101	Resp:	39020
Ion Ratio	Lower	Upper	
101	100		
85	42.1	35.2	52.8
151	87.7	61.9	92.9

Manual Integrations
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6/17/2019 10:36:02 AM



#10

Methyl Iodide

Concen: 13.830 ug/l

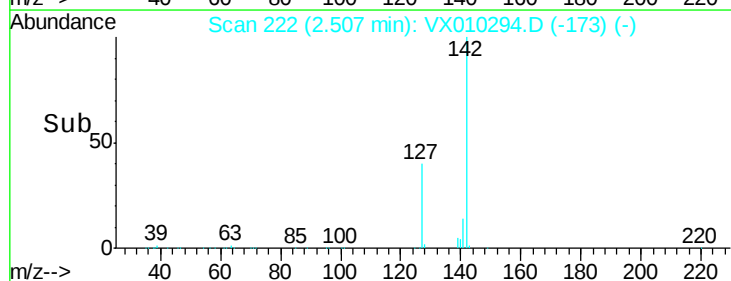
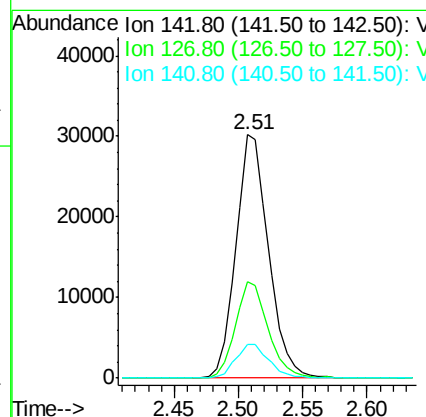
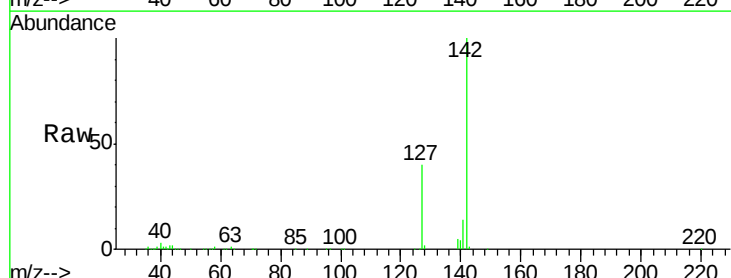
RT: 2.51 min Scan# 222

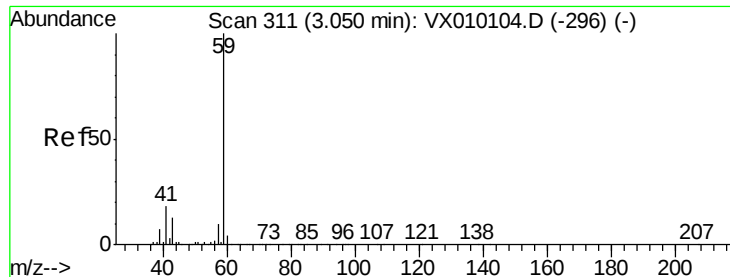
Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	142	Resp:	53148
Ion Ratio	Lower	Upper	
142	100		
127	39.8	33.0	49.4
141	14.3	11.4	17.0





#11

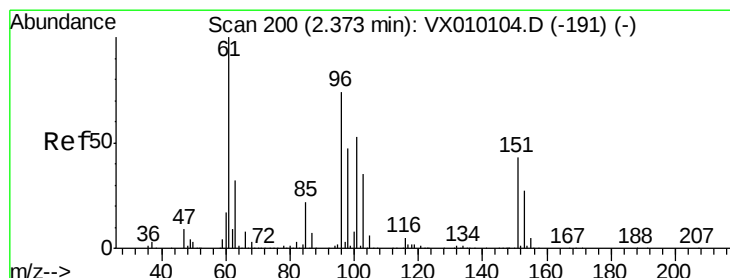
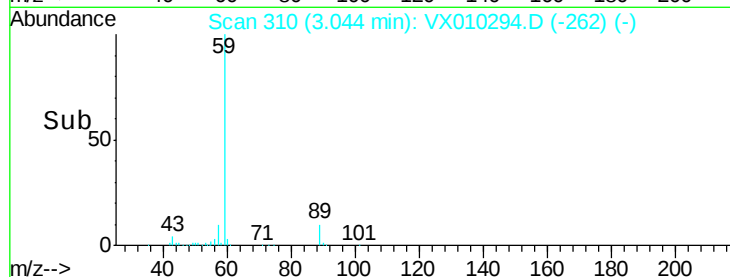
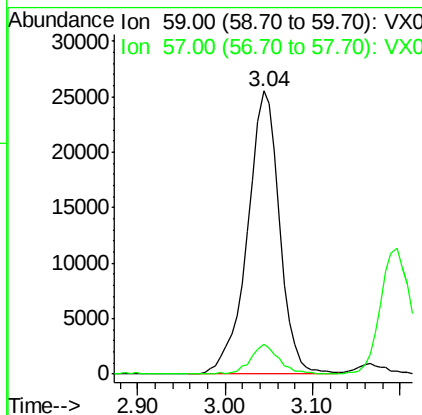
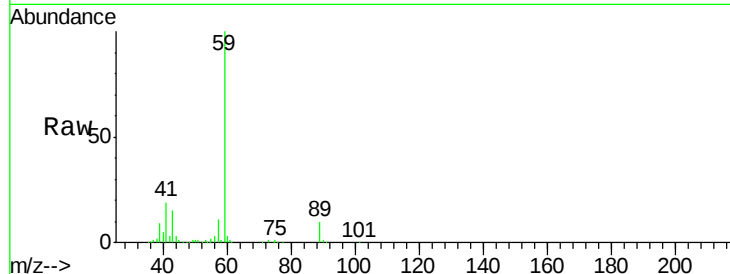
Tert butyl alcohol
Concen: 96.552 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	65116		
57	9.5		8.2	12.2

Manual Integrations
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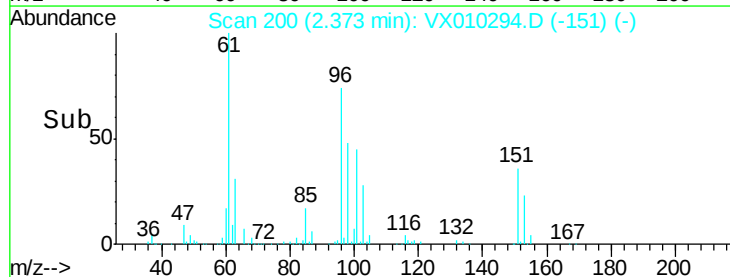
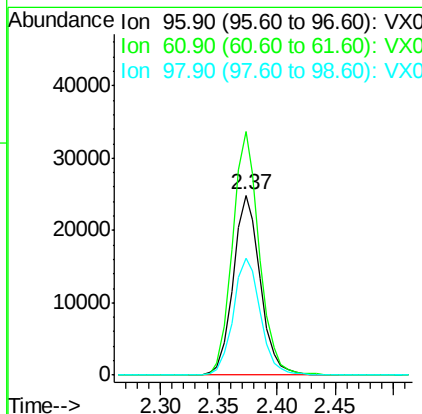
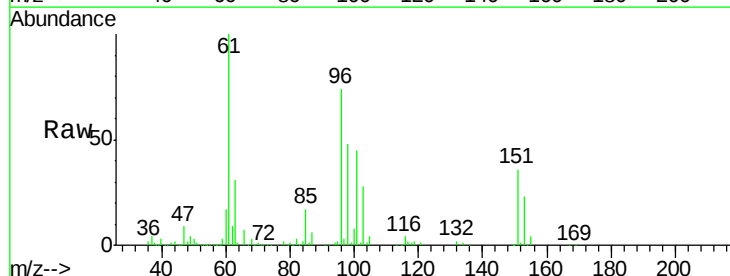
MMDadoda
6/17/2019 10:36:02 AM

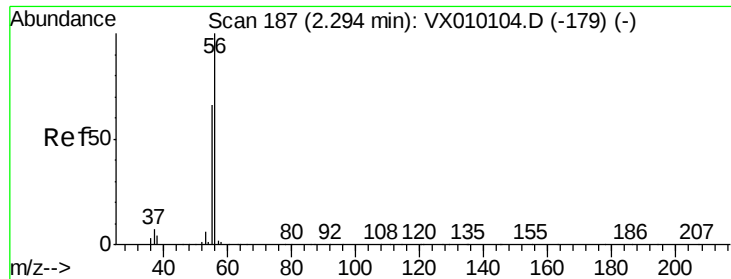


#12

1,1-Dichloroethene
Concen: 15.930 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	40356		
61	135.3		140.7	211.1#
98	65.2		50.1	75.1





#13

Acrolein

Concen: 65.201 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 56 Resp: 8018

Ion Ratio Lower Upper

56 100

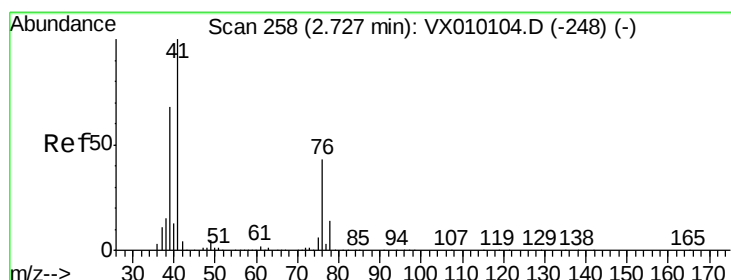
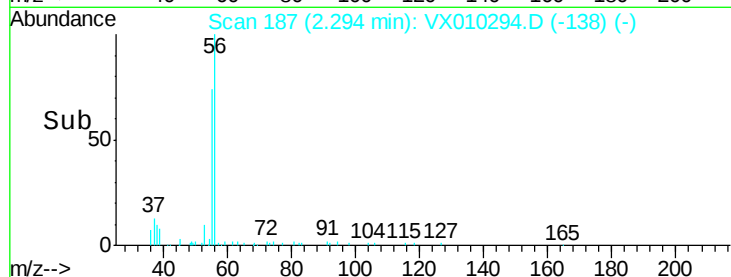
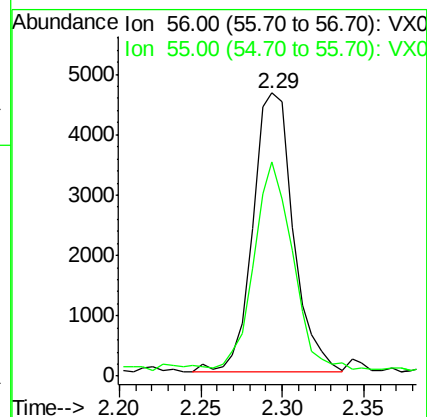
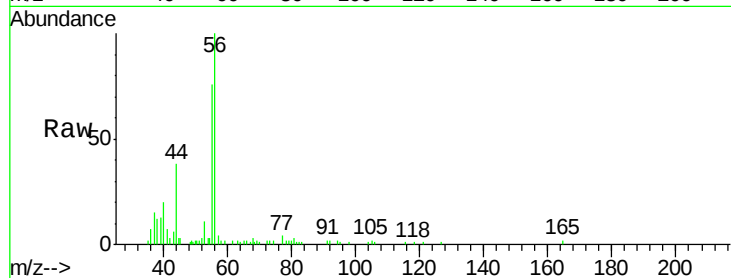
55 76.0 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

6/17/2019 10:36:02 AM



#14

Allyl chloride

Concen: 15.129 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

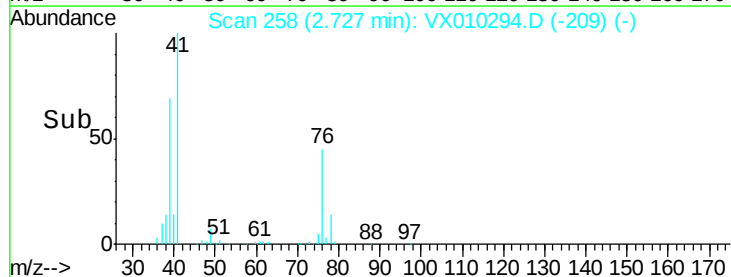
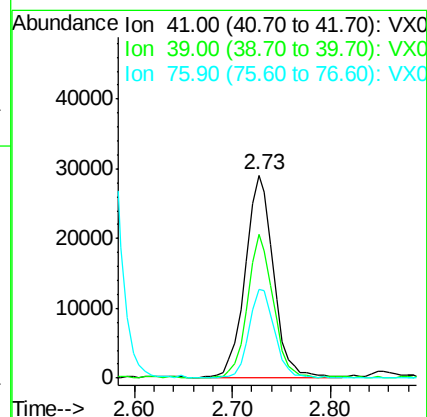
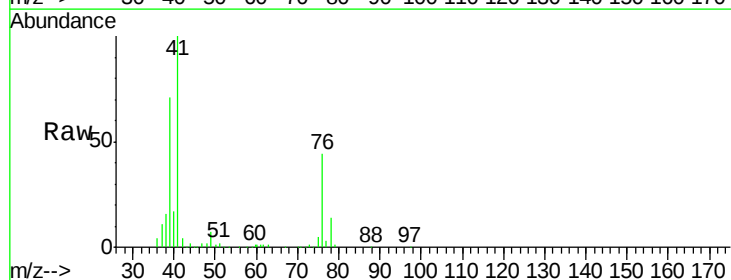
Tgt Ion: 41 Resp: 57853

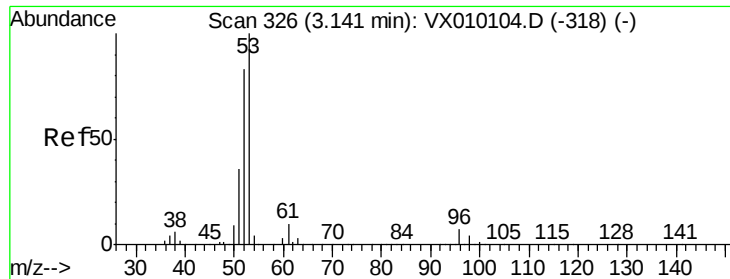
Ion Ratio Lower Upper

41 100

39 63.9 46.7 70.1

76 40.2 21.0 31.4#





#15

Acrylonitrile

Concen: 83.512 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

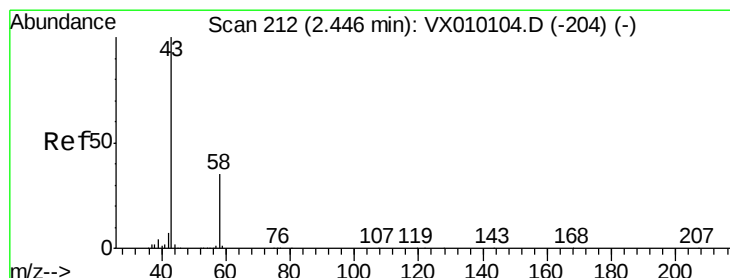
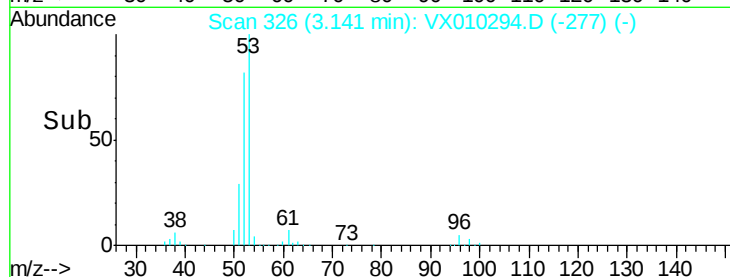
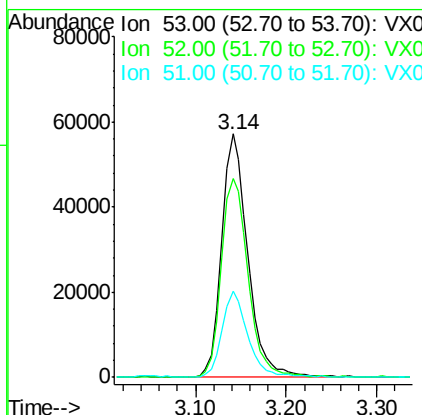
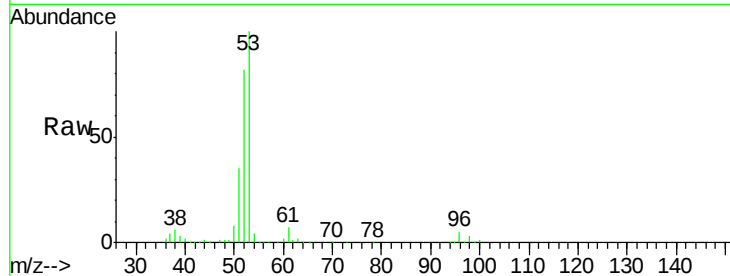
ClientSampleId :

VX0614MBS01

Tot Ion:	53	Resp:	115121
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.7	100.1
51	35.4	28.8	43.2

Manual Integrations
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6/17/2019 10:36:02 AM



#16

Acetone

Concen: 84.974 ug/l

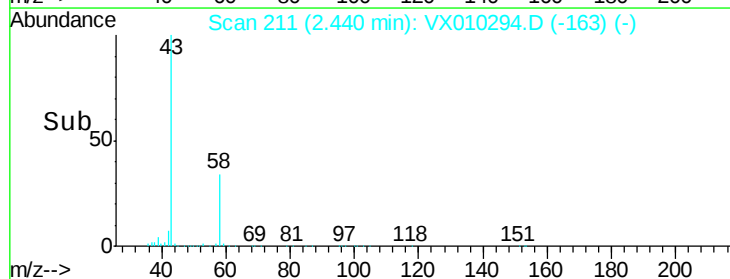
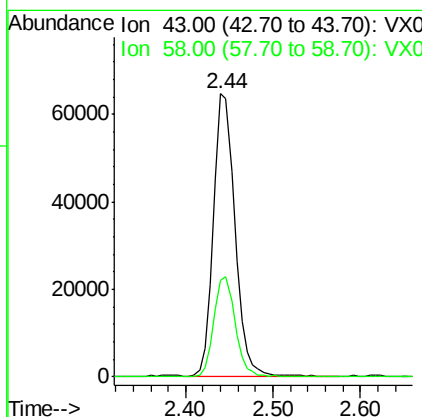
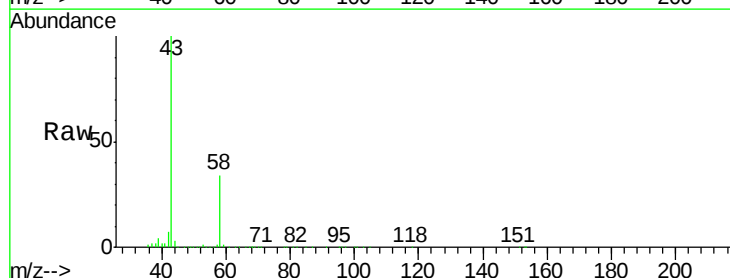
RT: 2.44 min Scan# 211

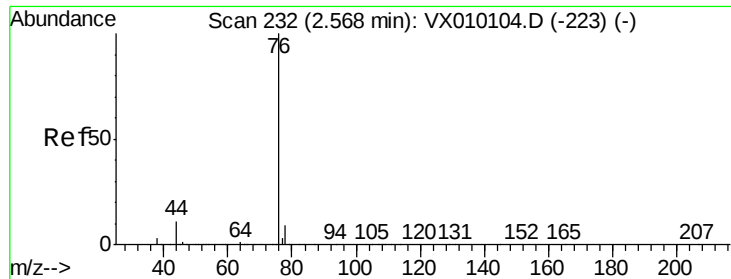
Delta R.T. -0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	43	Resp:	110029
Ion Ratio		Lower	Upper
43	100		
58	34.2	23.2	34.8





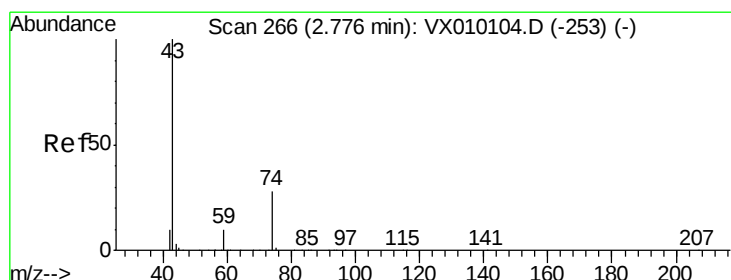
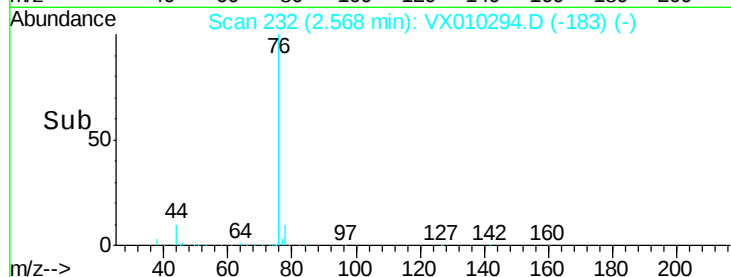
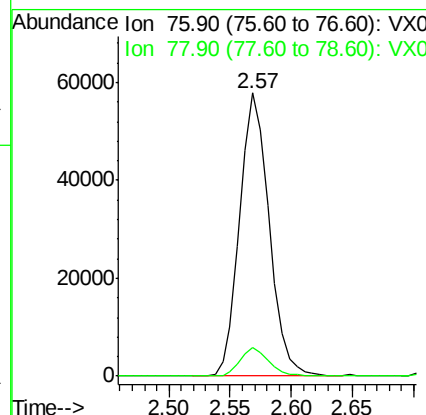
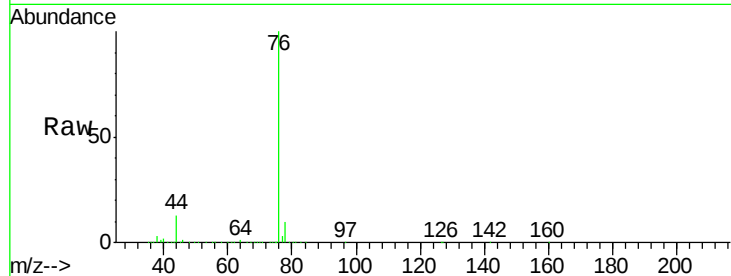
#17
Carbon Disulfide
Concen: 13.220 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.6

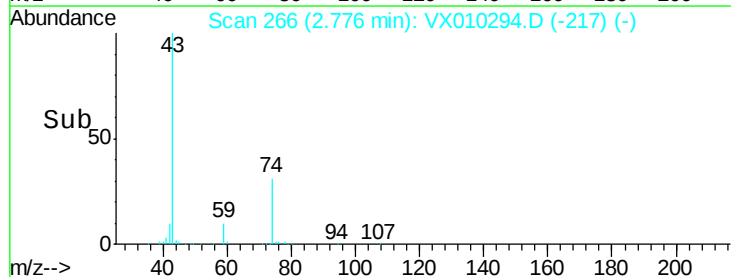
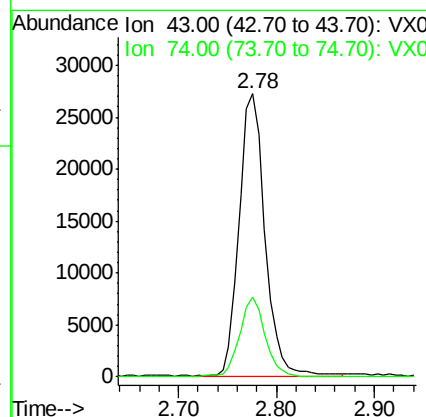
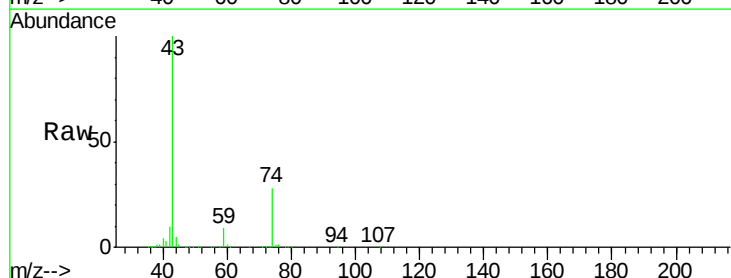
Manual Integrations
APPROVED

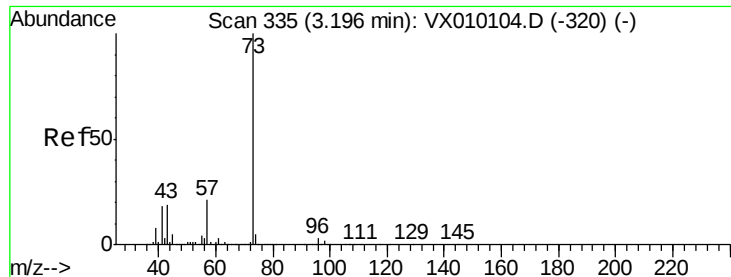
MMDadoda
6/17/2019 10:36:02 AM



#18
Methyl Acetate
Concen: 17.602 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	15.8	23.6#





#19

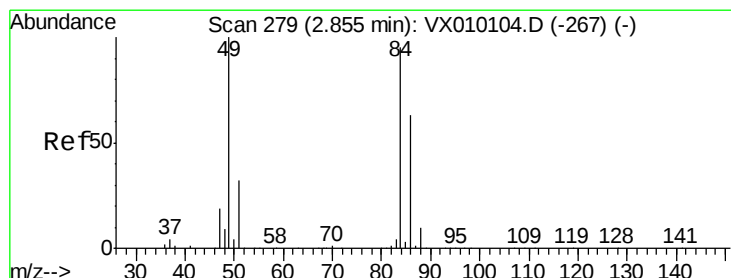
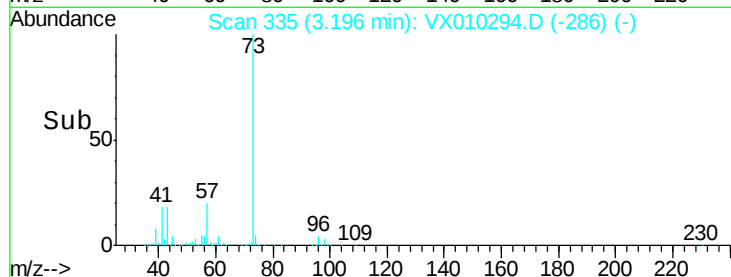
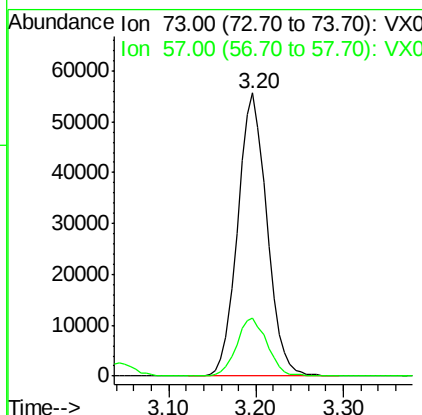
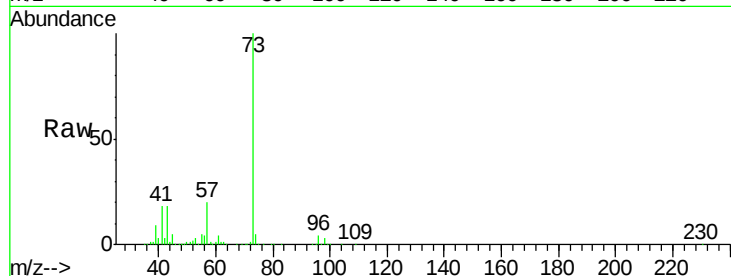
Methyl tert-butyl Ether
 Concen: 15.896 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	19.4	29.2

Manual Integrations
 APPROVED

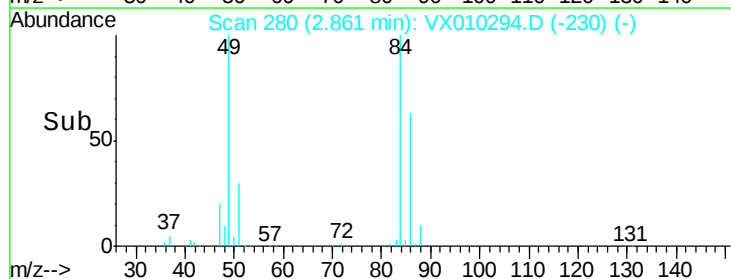
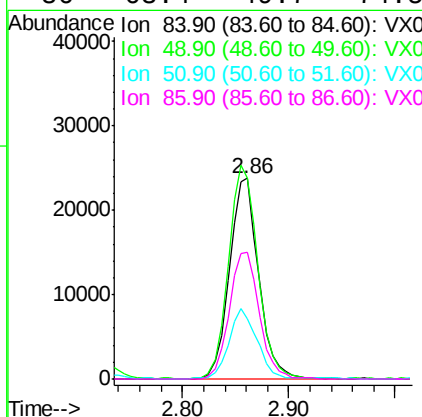
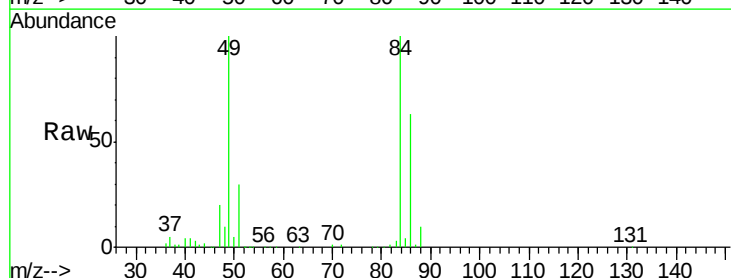
MMDadoda
 6/17/2019 10:36:02 AM

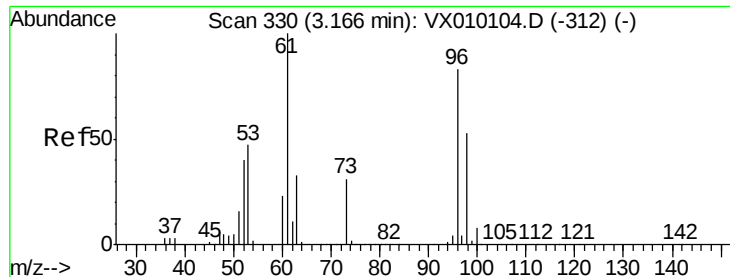


#20

Methylene Chloride
 Concen: 16.072 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	100.2	115.8	173.6#
51	29.5	34.4	51.6#
86	63.4	49.7	74.5





#21

trans-1,2-Dichloroethene

Concen: 14.999 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 96 Resp: 42051

Ion Ratio Lower Upper

96 100

61 115.4 125.7 188.5#

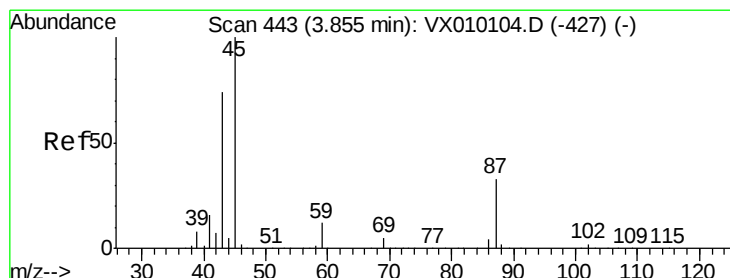
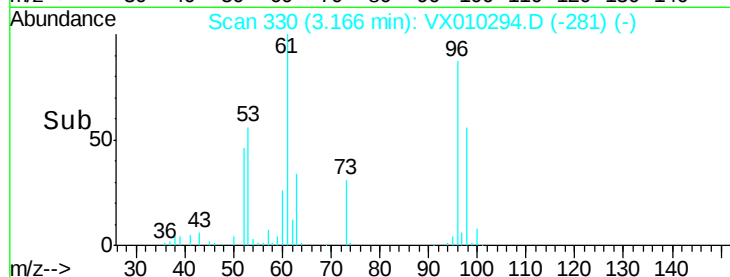
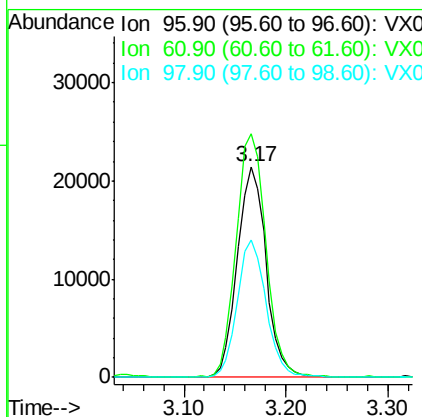
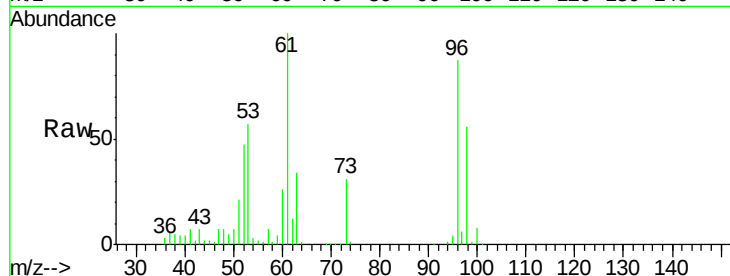
98 65.2 49.0 73.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 16.687 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion: 45 Resp: 122001

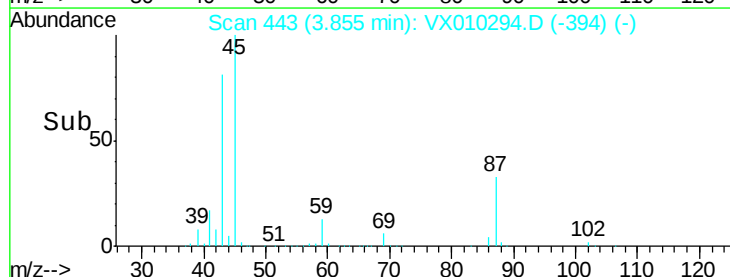
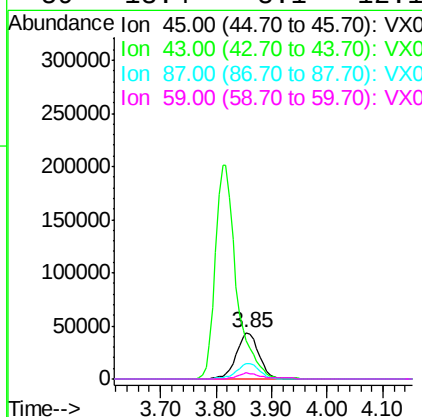
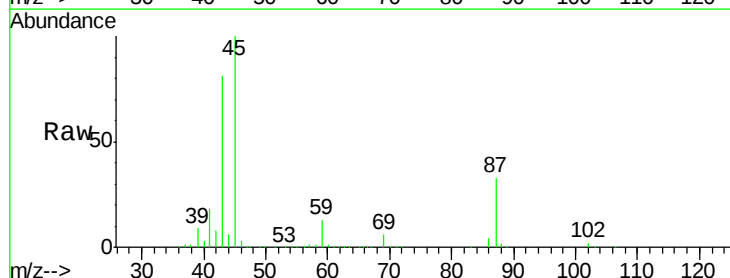
Ion Ratio Lower Upper

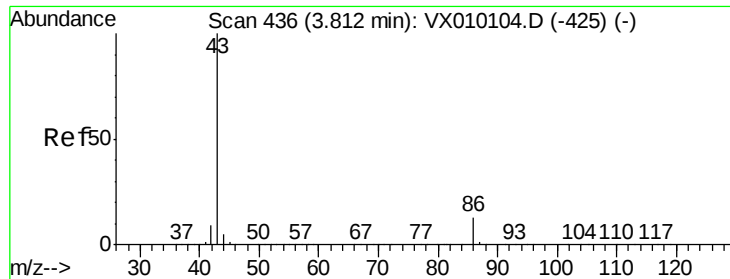
45 100

43 80.9 65.0 97.4

87 33.3 17.3 25.9#

59 13.4 8.1 12.1#





#23

Vinyl Acetate

Concen: 81.052 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 43 Resp: 528653

Ion Ratio Lower Upper

43 100

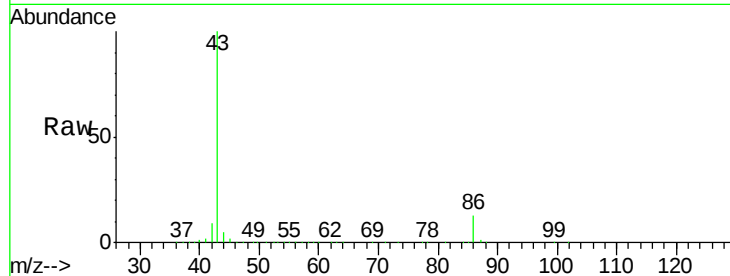
86 12.5 6.5 9.7#

Manual Integrations

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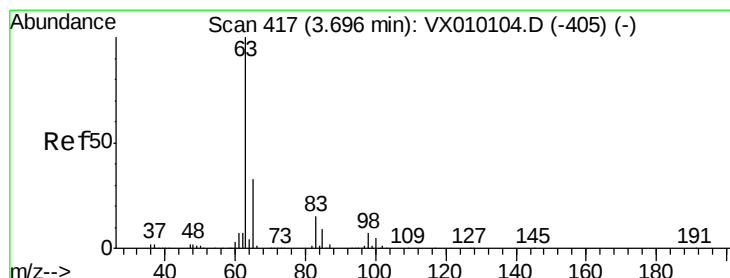
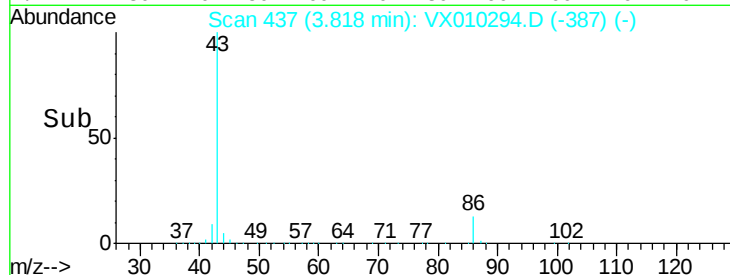
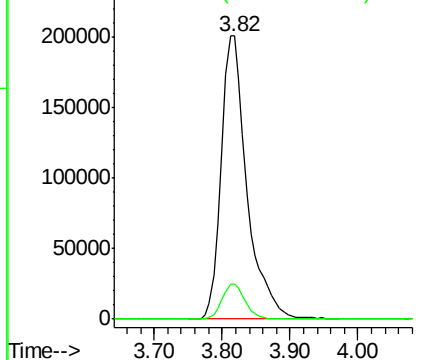
MMDadoda

6/17/2019 10:36:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 15.765 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

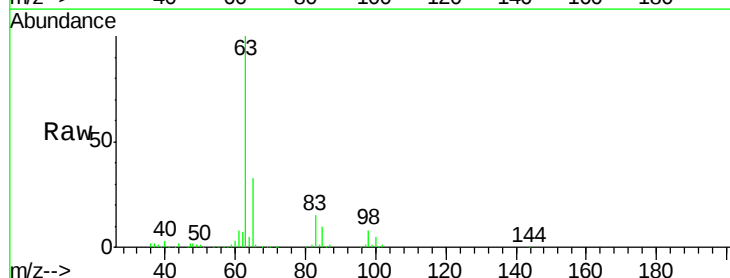
Tgt Ion: 63 Resp: 69981

Ion Ratio Lower Upper

63 100

98 8.2 2.9 8.8

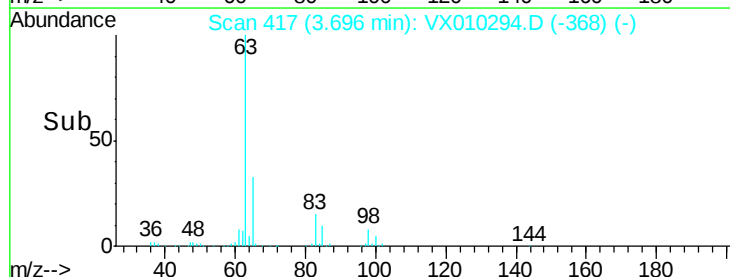
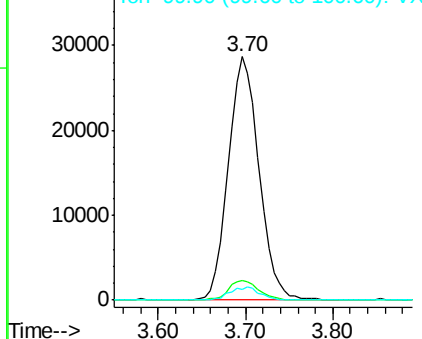
100 4.6 1.8 5.4

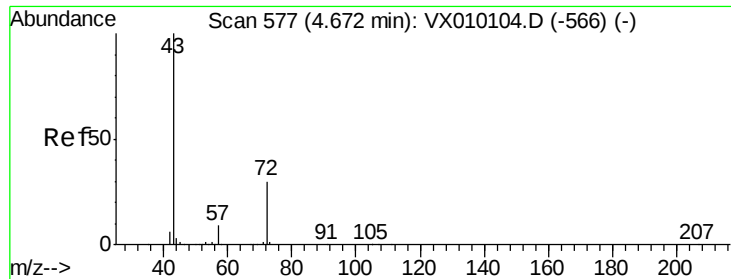


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 85.316 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 43 Resp: 164504

Ion Ratio Lower Upper

43 100

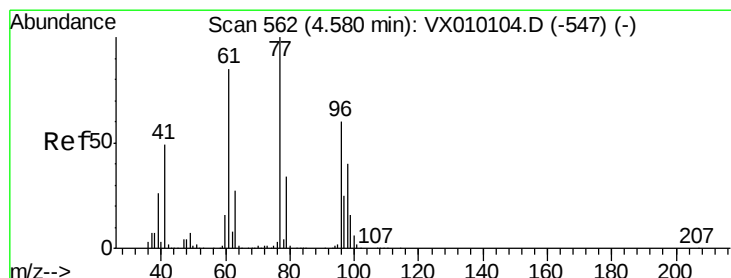
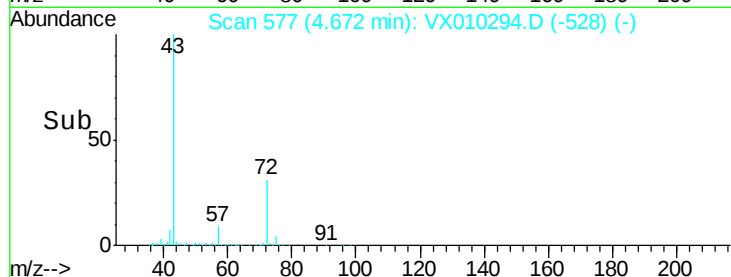
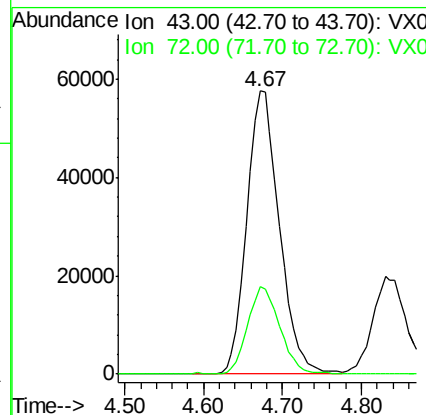
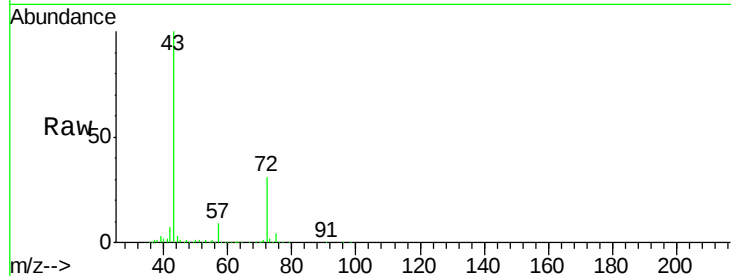
72 30.8 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.853 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010294.D

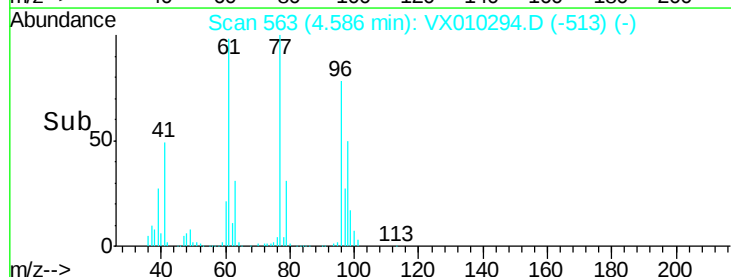
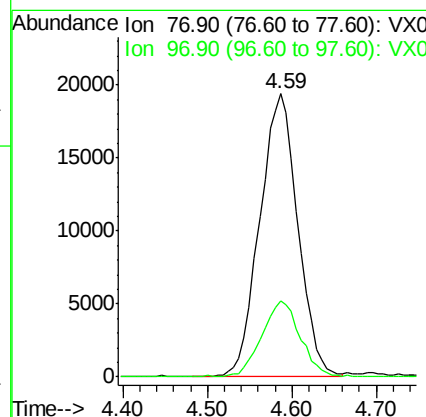
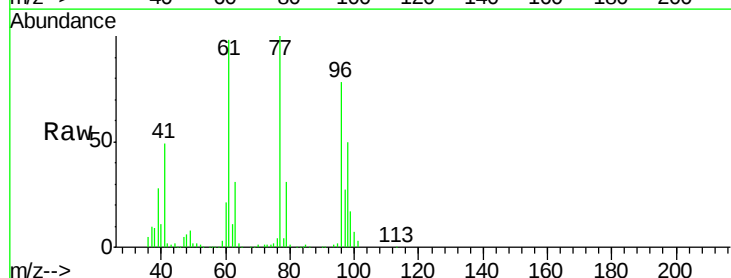
Acq: 14 Jun 2019 12:46

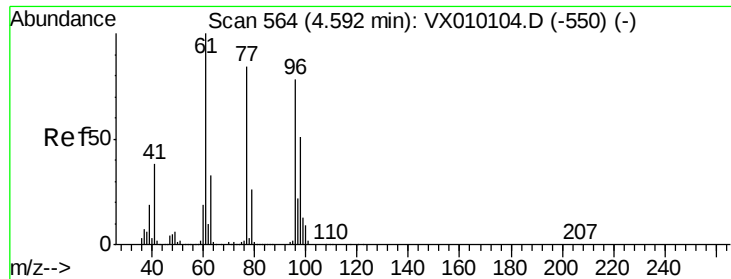
Tgt Ion: 77 Resp: 60152

Ion Ratio Lower Upper

77 100

97 27.1 11.4 34.2





#27

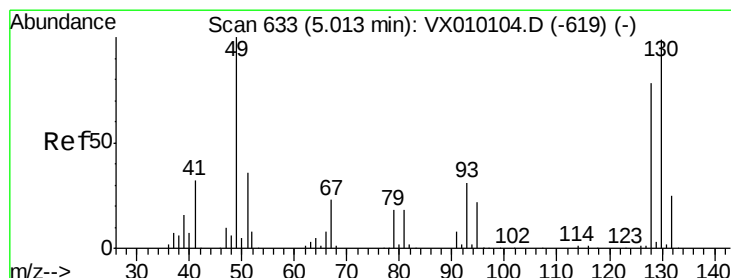
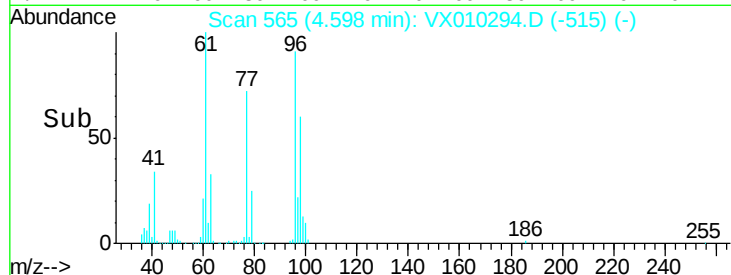
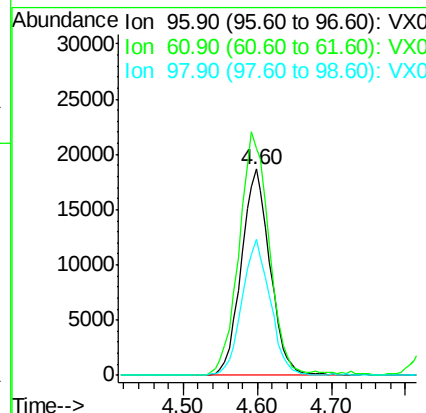
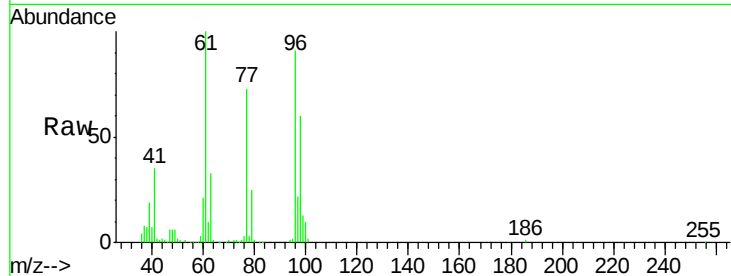
cis-1,2-Dichloroethene
Concen: 16.233 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	0.0	334.0
98	64.5	0.0	131.6

Manual Integrations
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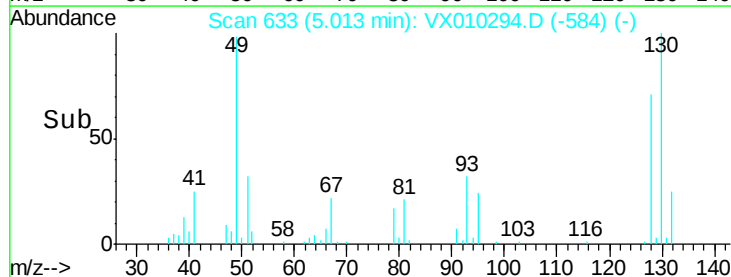
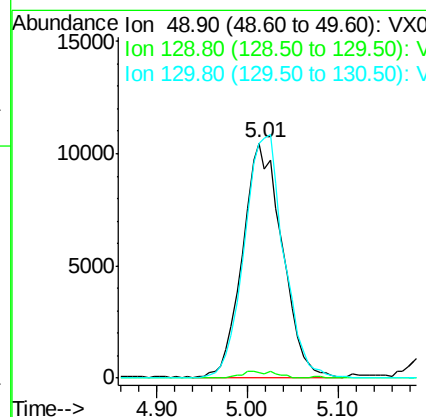
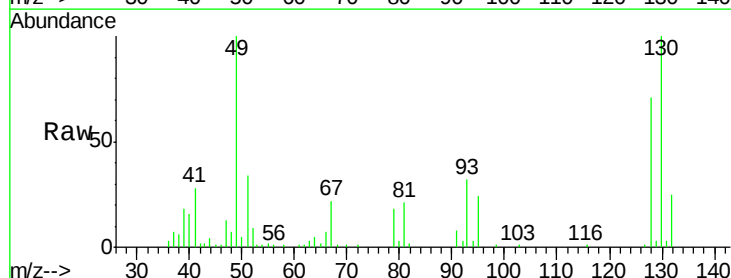
MMDadoda
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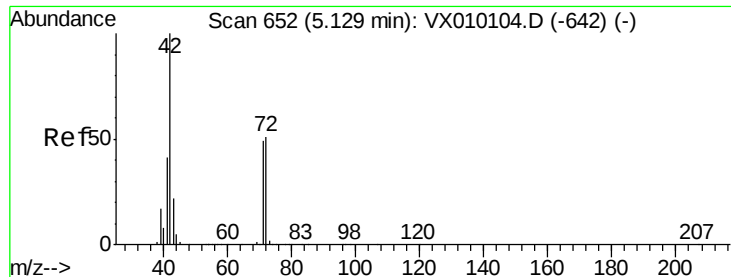


#28

Bromochloromethane
Concen: 15.981 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	0.0	49.4	74.2#





#29

Tetrahydrofuran

Concen: 82.812 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

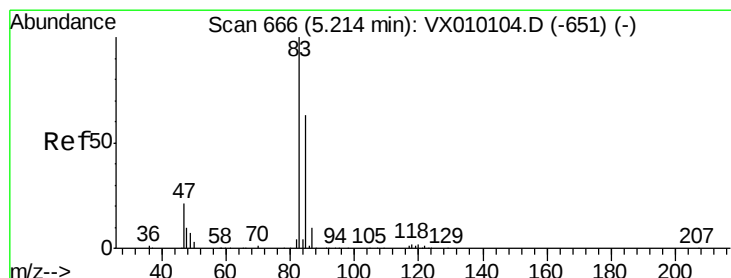
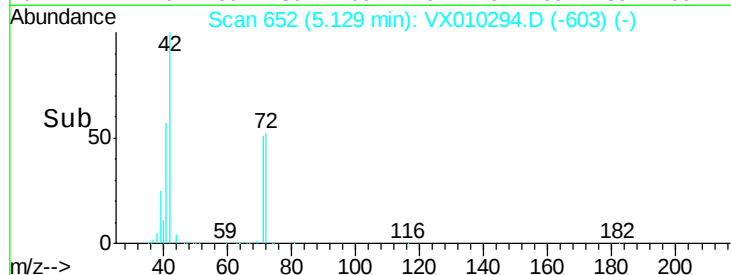
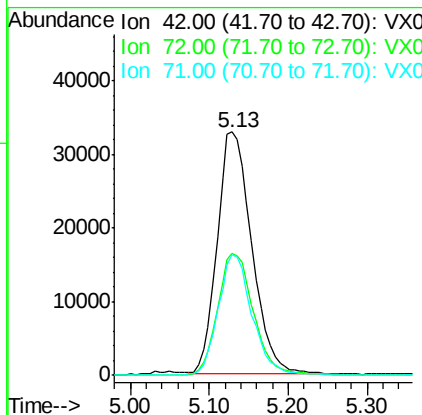
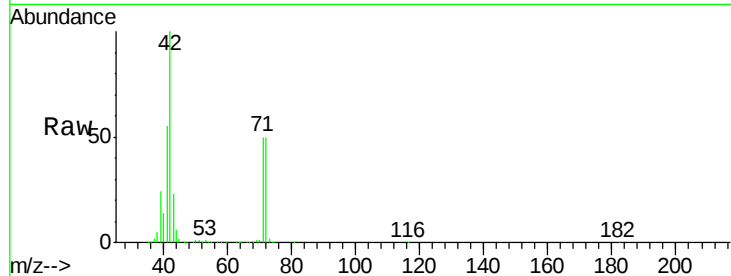
ClientSampleId :

VX0614MBS01

Tot Ion:	42	Resp:	100348
Ion	Ratio	Lower	Upper
42	100		
72	52.7	29.2	43.8#
71	48.6	27.6	41.4#

Manual Integrations
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#30

Chloroform

Concen: 16.297 ug/l

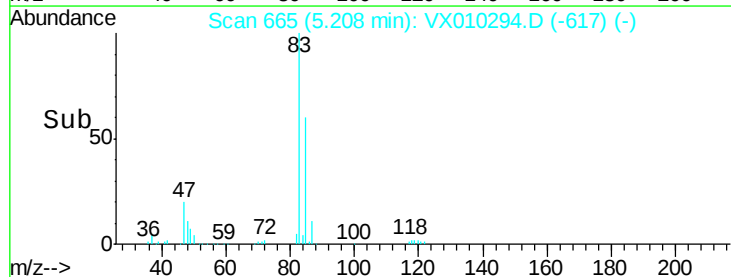
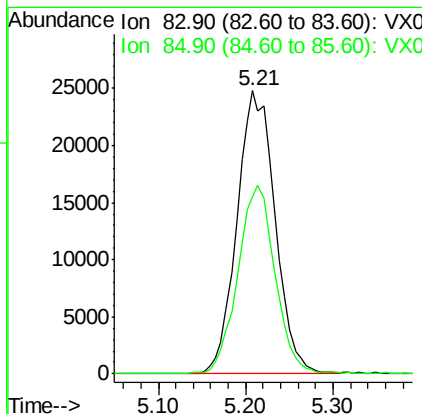
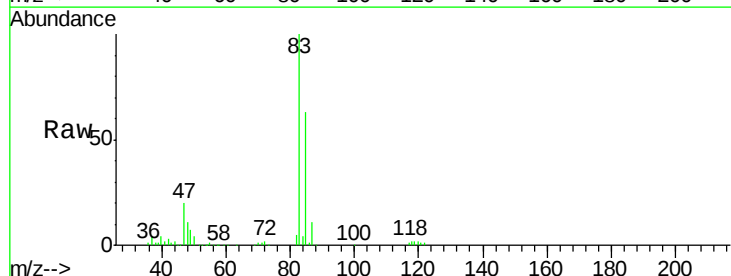
RT: 5.21 min Scan# 665

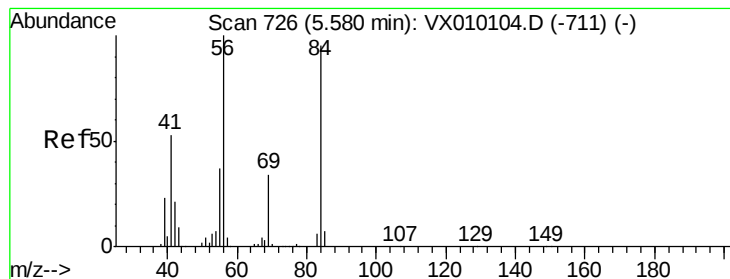
Delta R.T. -0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	83	Resp:	75131
Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.6	78.8





#31

Cyclohexane

Concen: 15.291 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

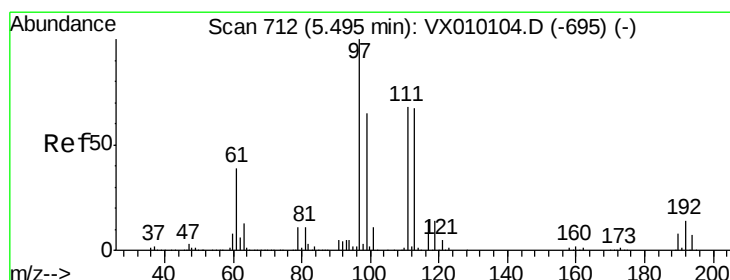
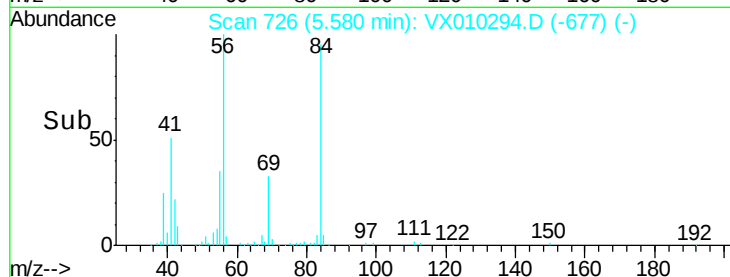
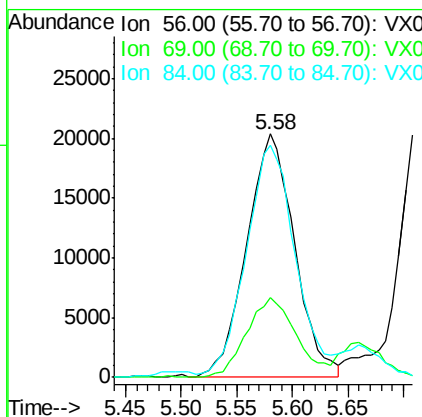
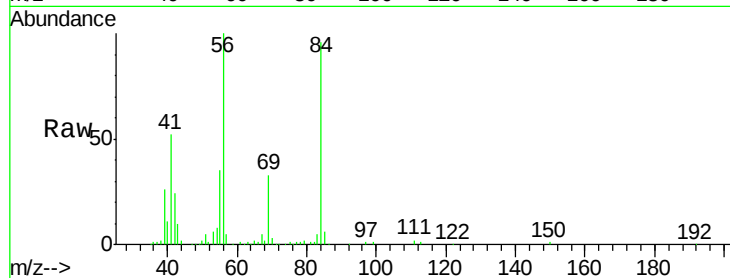
ClientSampleId :

VX0614MBS01

Tot Ion:	56	Resp:	61262
Ion	Ratio	Lower	Upper
56	100		
69	32.7	21.6	32.4#
84	93.5	56.8	85.2#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 15.173 ug/l

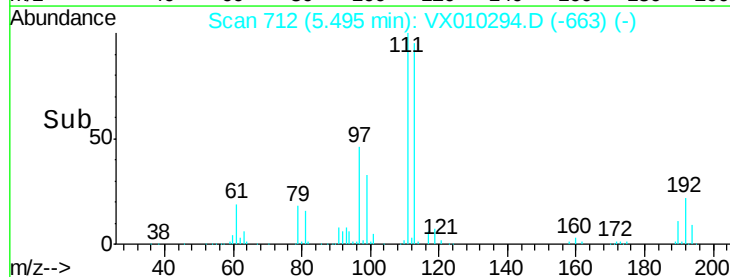
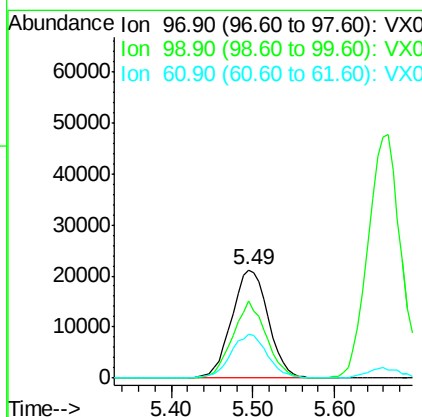
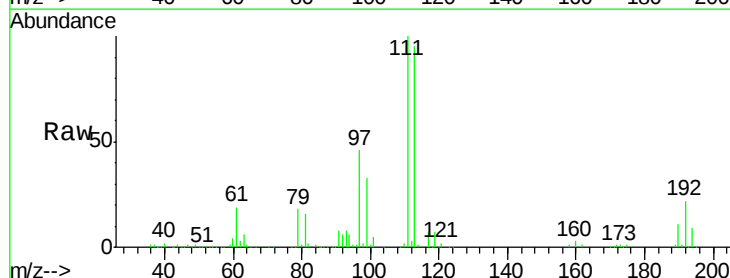
RT: 5.49 min Scan# 712

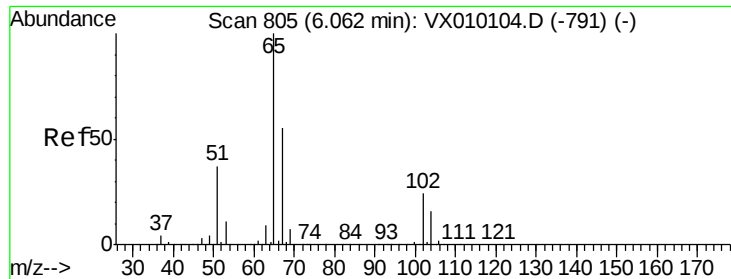
Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	97	Resp:	65762
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.4
61	40.1	38.7	58.1





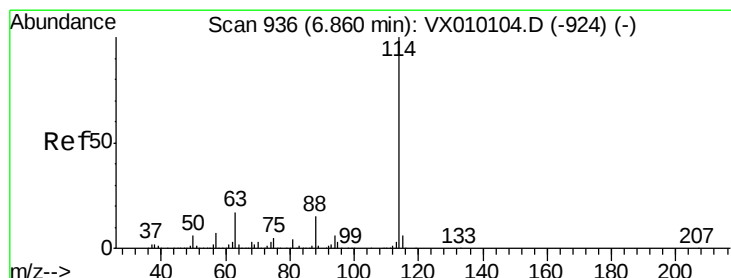
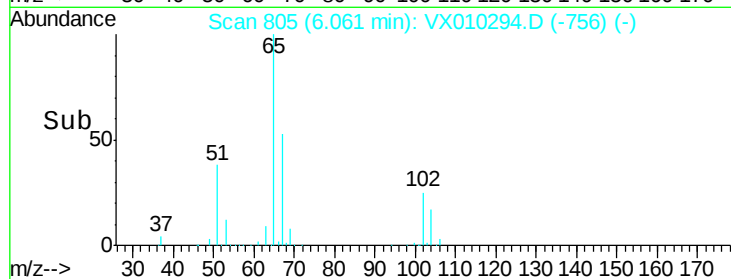
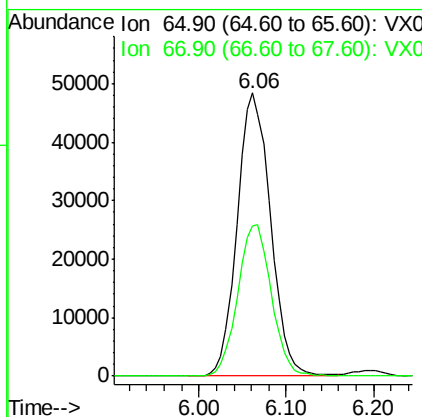
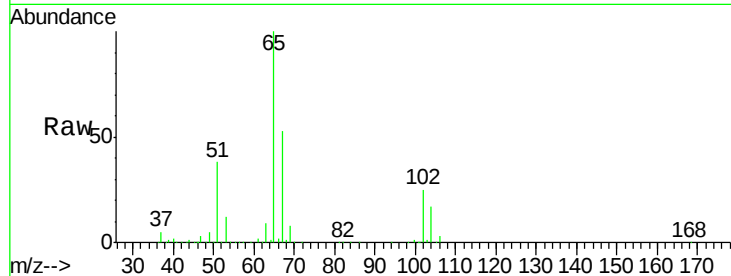
#33
 1,2-Dichloroethane-d4
 Concen: 46.599 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4

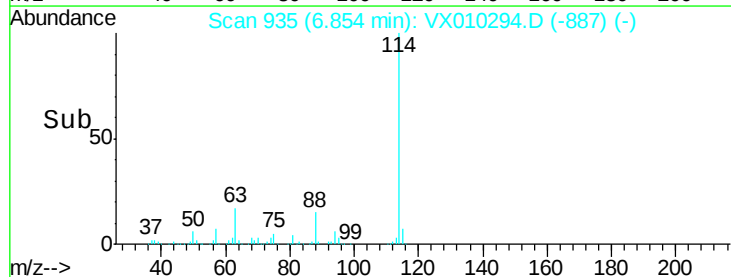
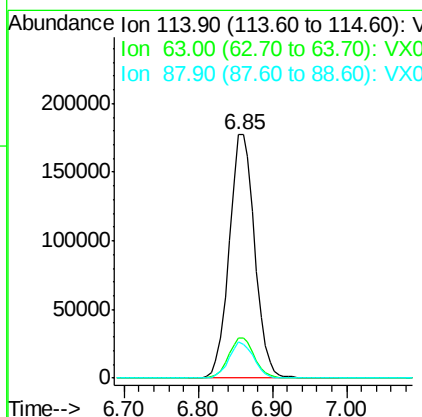
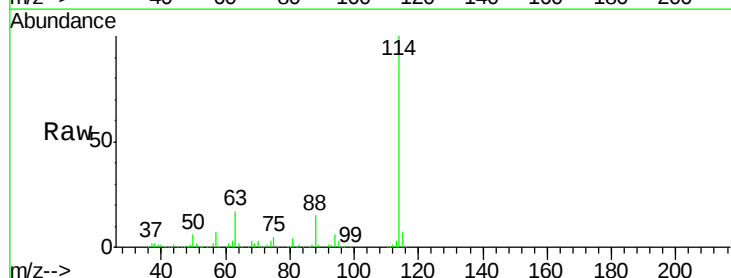
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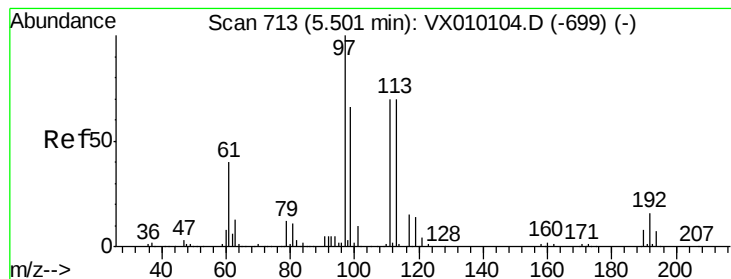
MMDadoda
 6/17/2019 10:36:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	47.4
88	14.9	0.0	33.0





#35

Dibromofluoromethane

Concen: 48.545 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

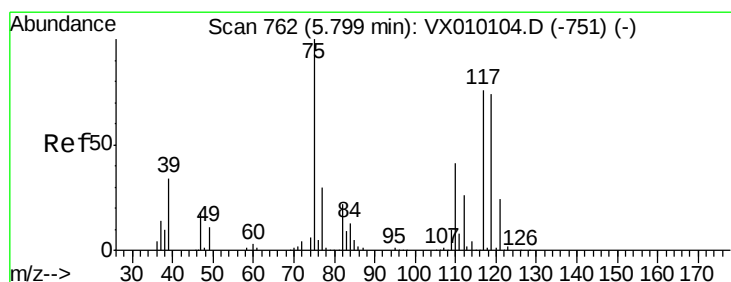
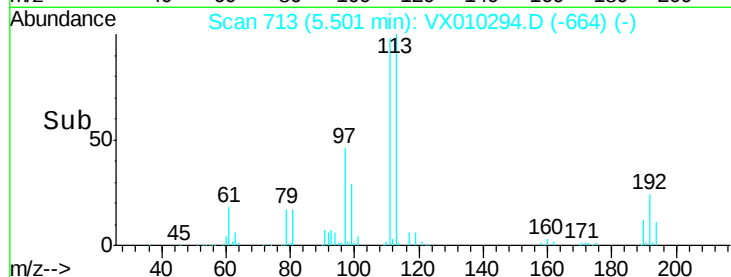
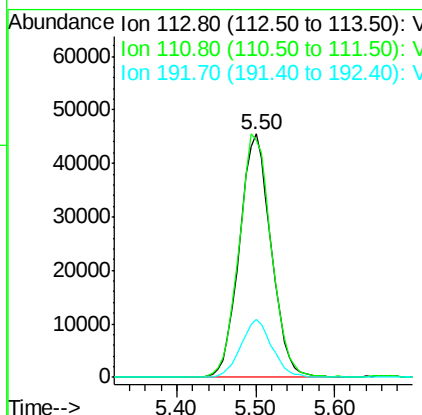
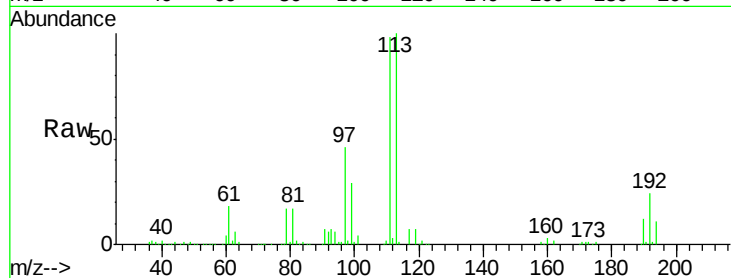
ClientSampleId :

VX0614MBS01

Tot Ion:	113	Resp:	126987
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	23.3	17.1	25.7

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#36

1,1-Dichloropropene

Concen: 14.945 ug/l

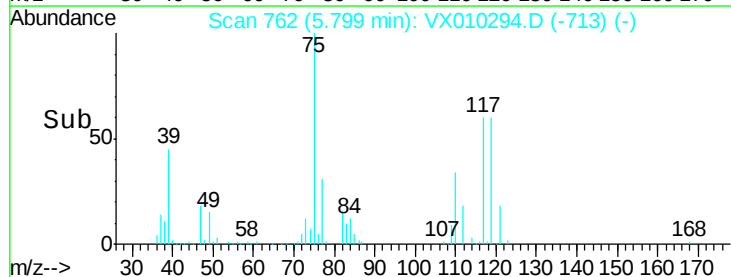
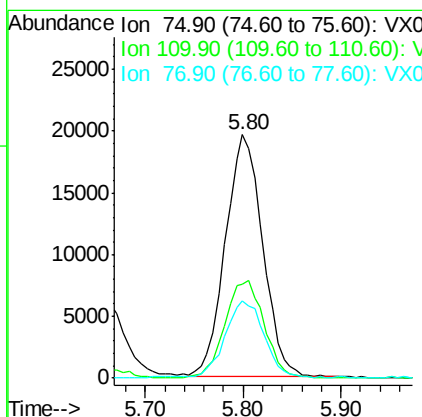
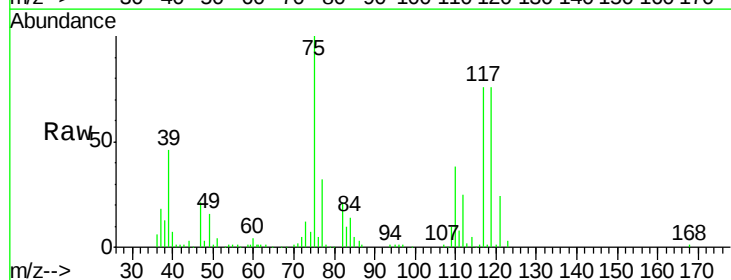
RT: 5.80 min Scan# 762

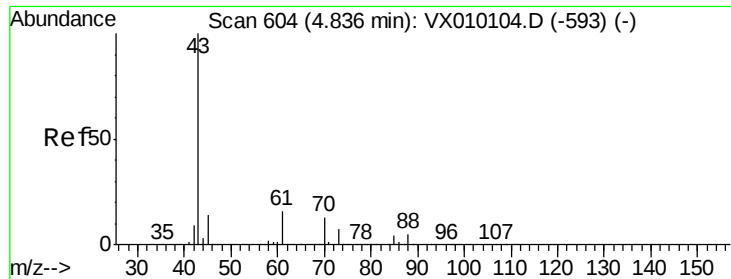
Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	75	Resp:	51708
Ion Ratio	Lower	Upper	
75	100		
110	42.8	16.7	50.1
77	33.1	25.0	37.4





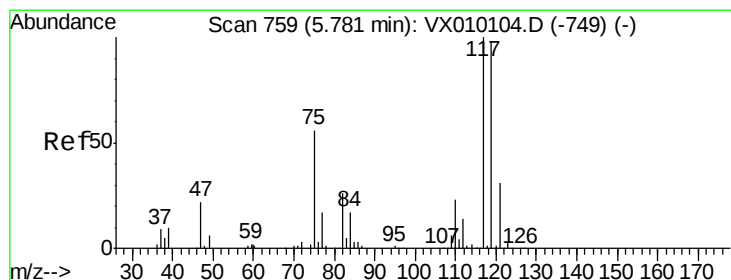
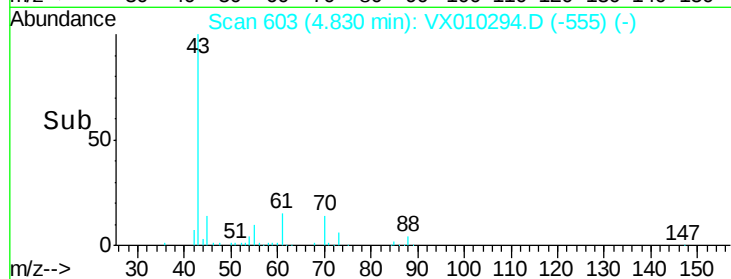
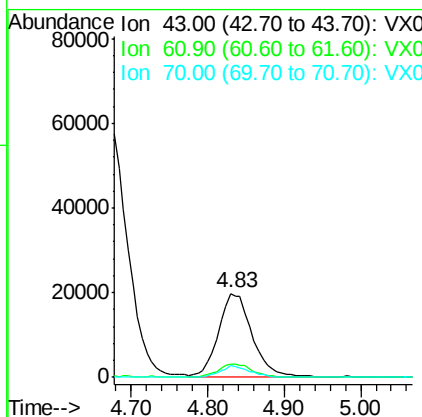
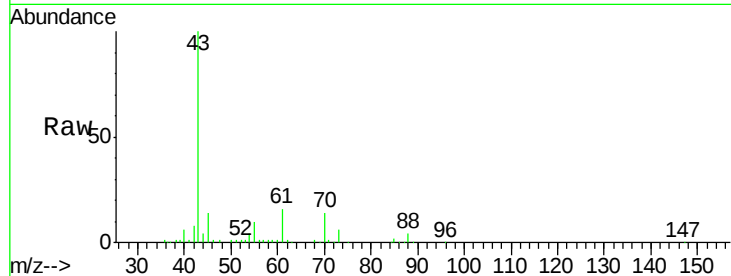
#37
Ethyl Acetate
Concen: 16.376 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	10.2	15.2#
70	13.2	7.4	11.2#

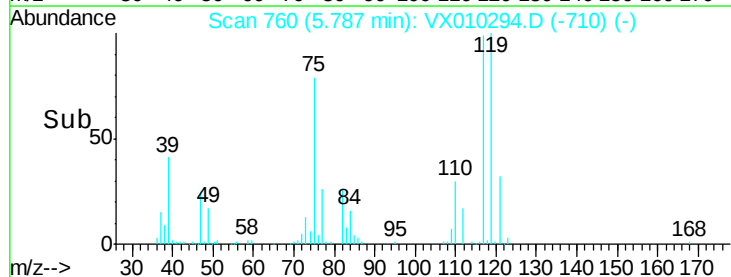
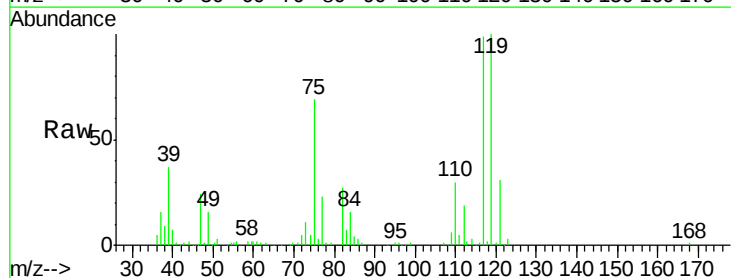
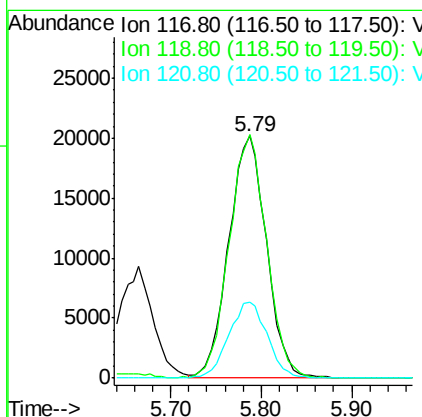
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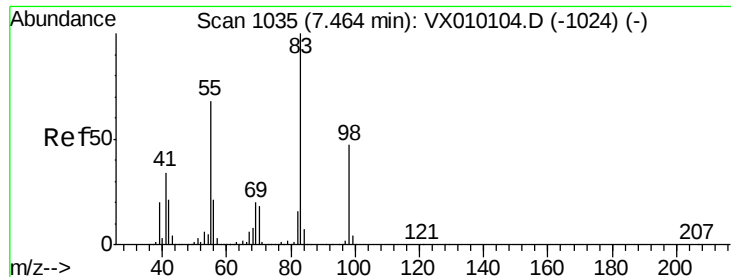
MMDadoda
6/17/2019 10:36:02 AM



#38
Carbon Tetrachloride
Concen: 14.877 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	77.3	115.9
121	31.5	25.4	38.0





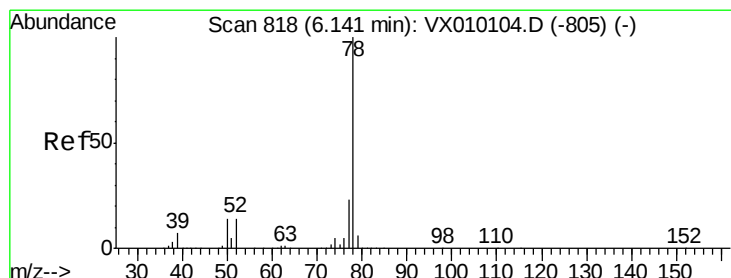
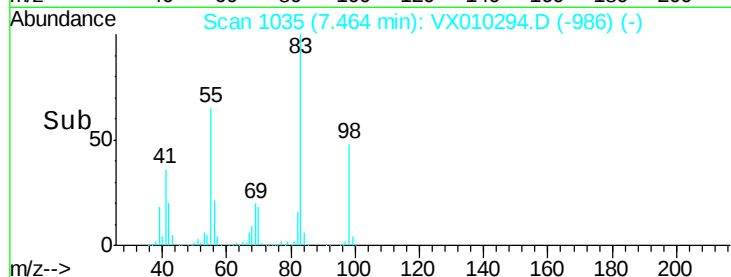
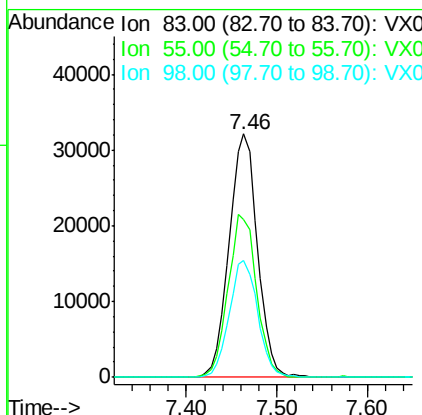
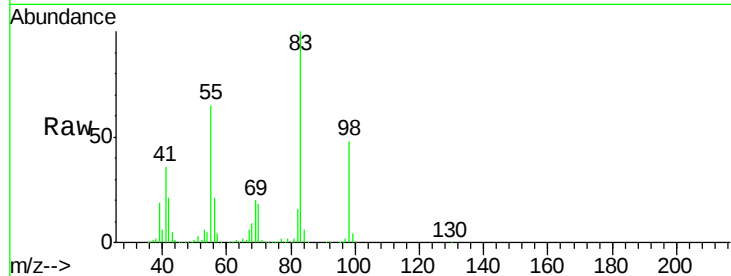
#39
Methvlcvclohexane
Concen: 14.832 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.9	69.9	104.9#
98	47.8	35.1	52.7

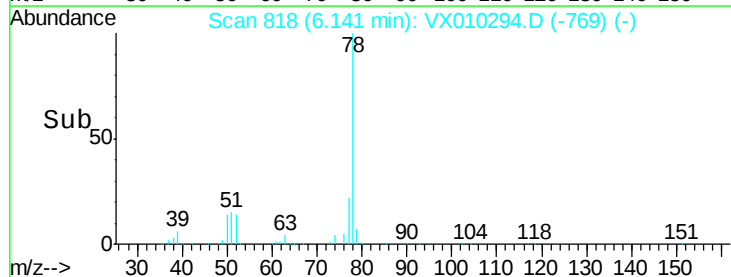
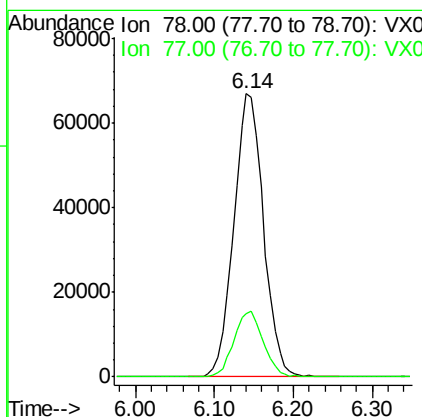
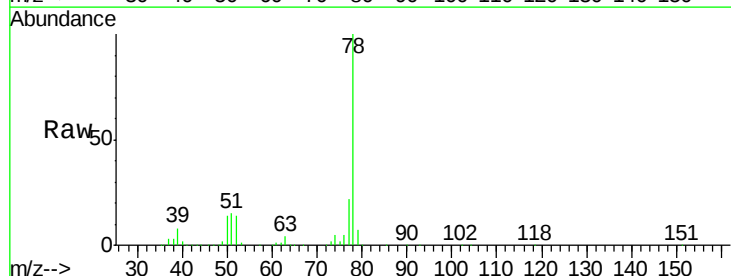
Manual Integrations
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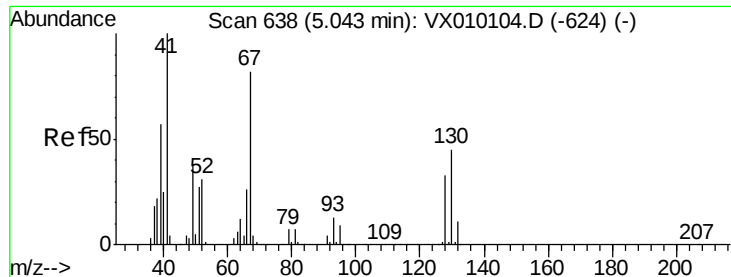
MMDadoda
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#40
Benzene
Concen: 16.370 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.2	28.8





#41

Methacrylonitrile

Concen: 15.853 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 41 Resp: 30871

Ion Ratio Lower Upper

41 100

39 56.7 42.2 63.4

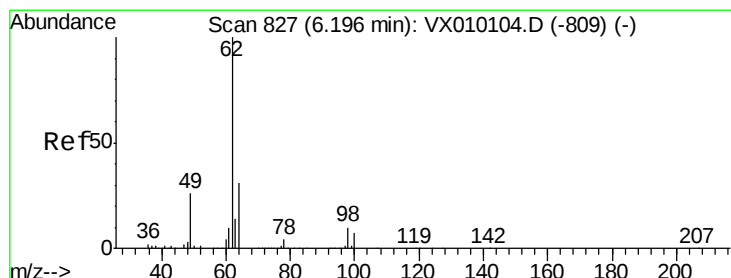
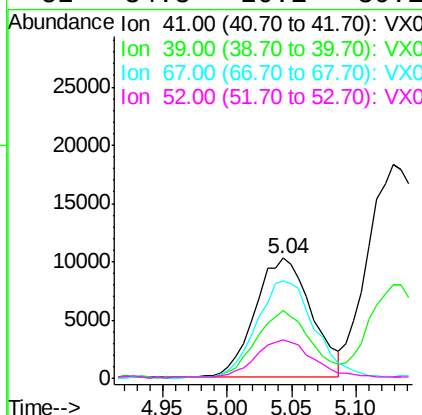
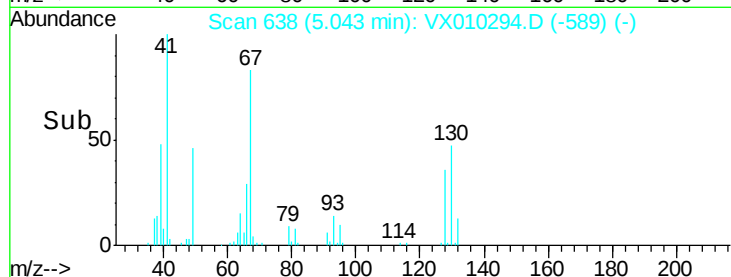
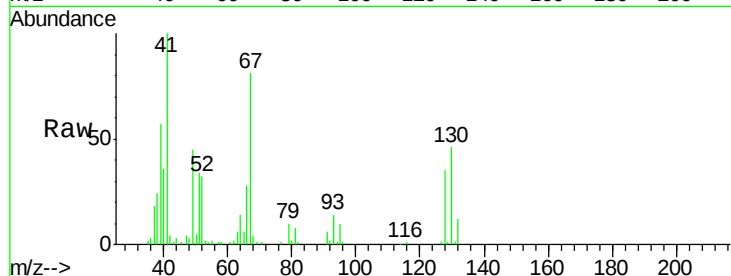
67 85.7 48.9 73.3#

52 34.3 20.1 30.1#

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#42

1,2-Dichloroethane

Concen: 16.068 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010294.D

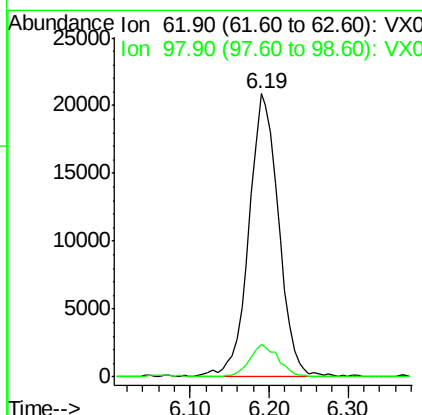
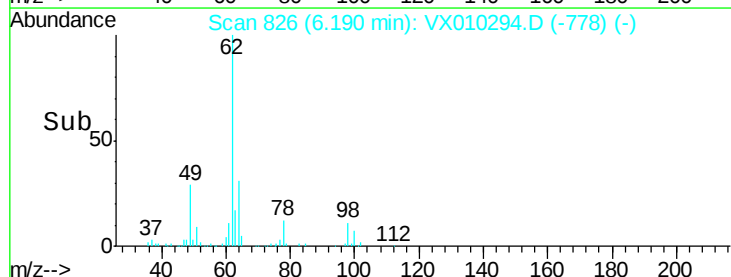
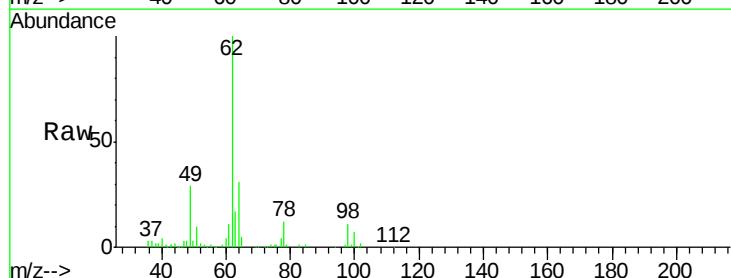
Acq: 14 Jun 2019 12:46

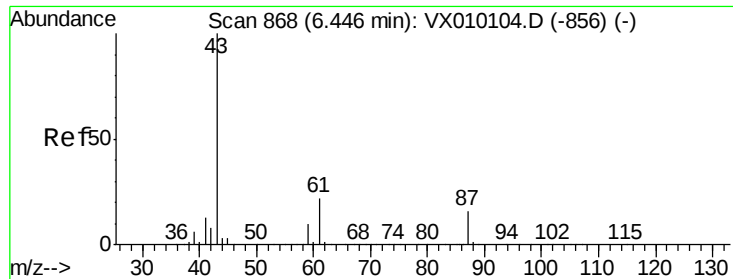
Tgt Ion: 62 Resp: 54879

Ion Ratio Lower Upper

62 100

98 11.0 0.0 17.2





#43

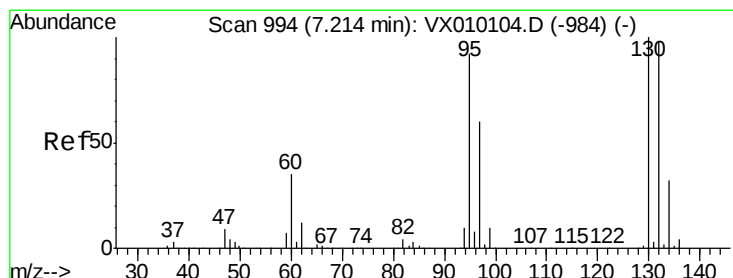
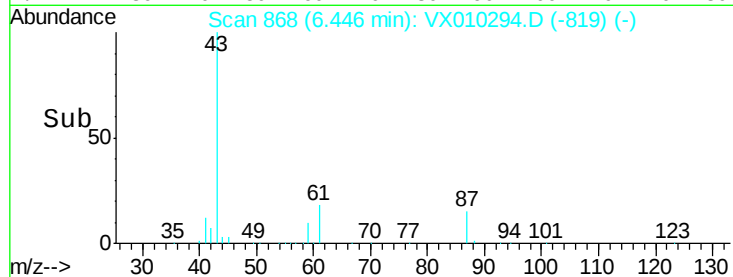
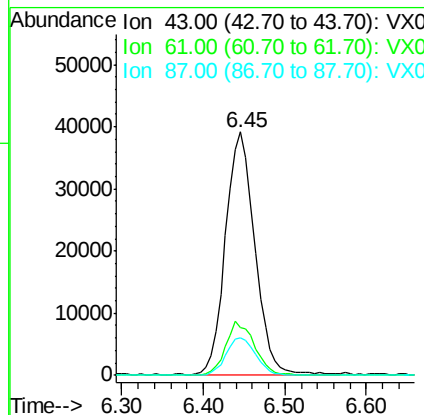
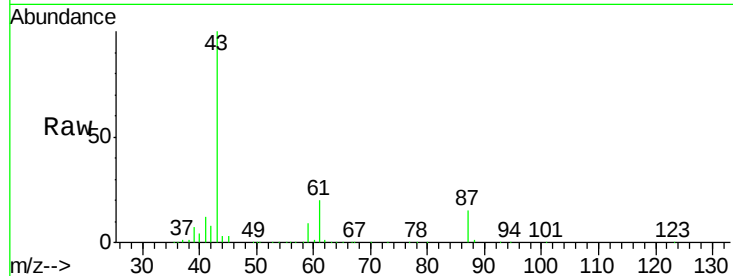
Isopropyl Acetate
 Concen: 16.150 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	14.6	21.8#
87	15.8	8.7	13.1#

Manual Integrations
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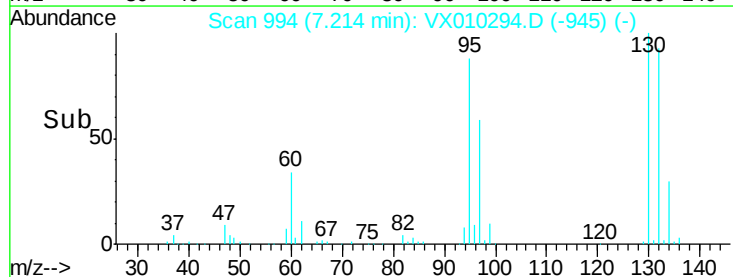
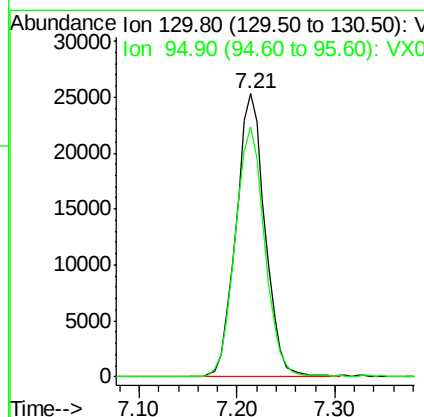
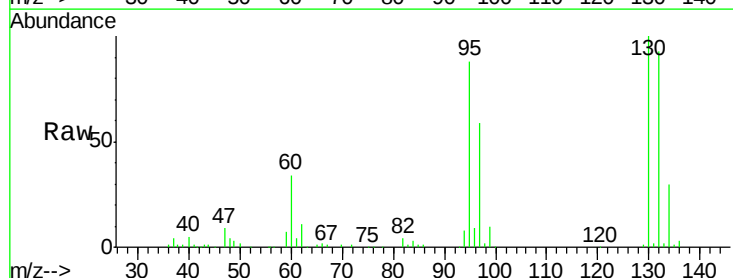
MMDadoda
 6/17/2019 10:36:02 AM

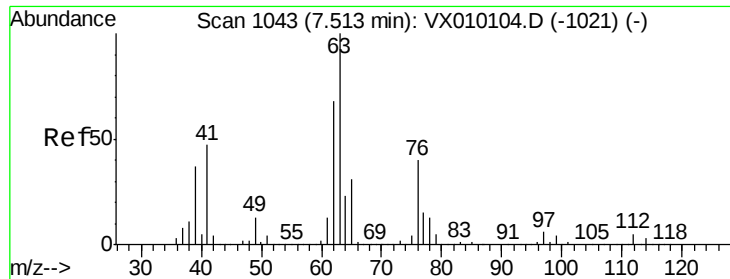


#44

Trichloroethene
 Concen: 16.128 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	207.4





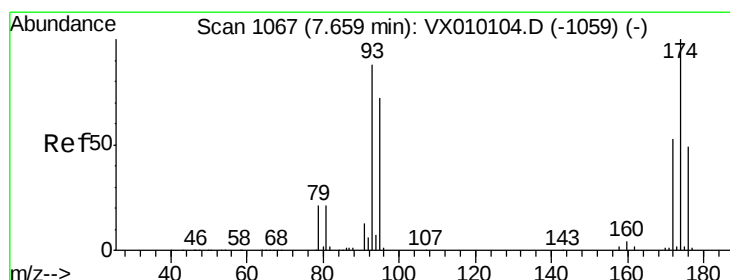
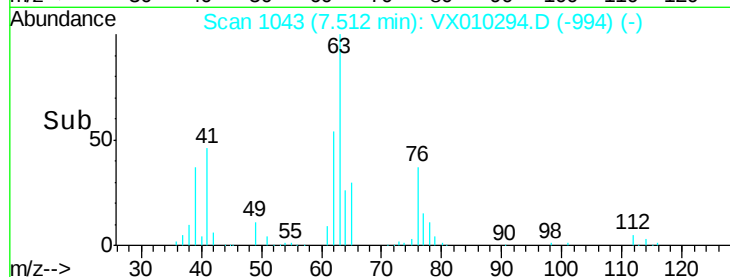
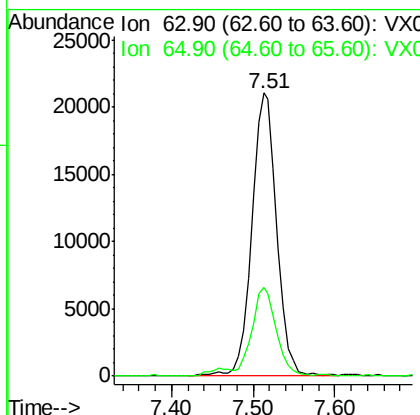
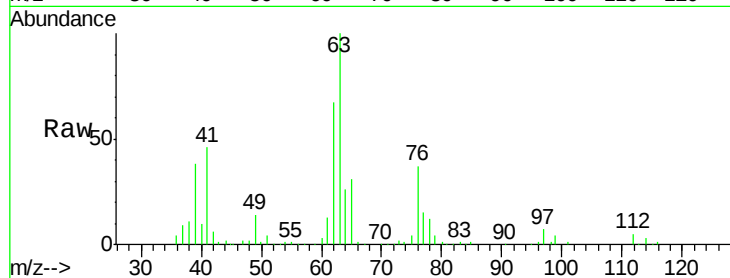
#45
 1,2-Dichloropropane
 Concen: 16.746 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion: 63 Resp: 44841
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5

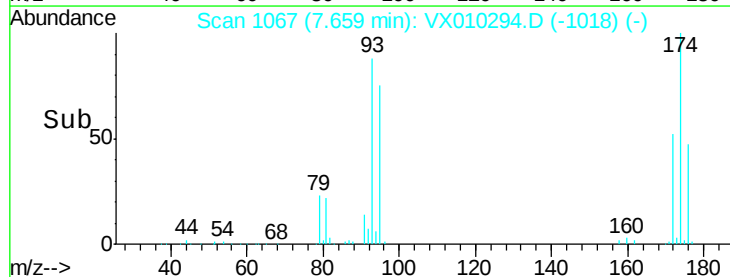
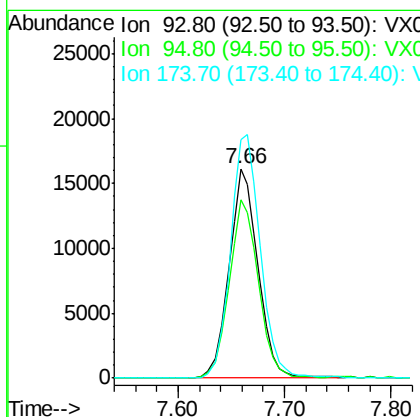
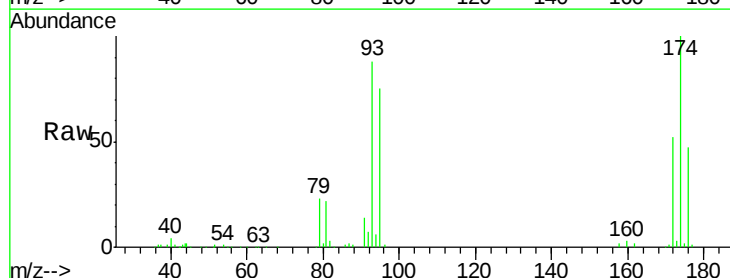
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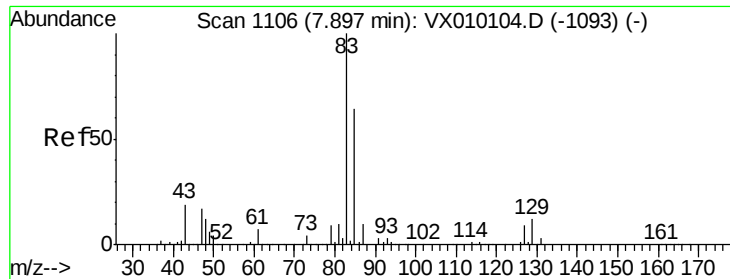
MMDadoda
 6/17/2019 10:36:02 AM



#46
 Dibromomethane
 Concen: 15.290 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 93 Resp: 30673
 Ion Ratio Lower Upper
 93 100
 95 86.2 66.8 100.2
 174 120.5 81.9 122.9





#47

Bromodichloromethane

Concen: 15.407 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

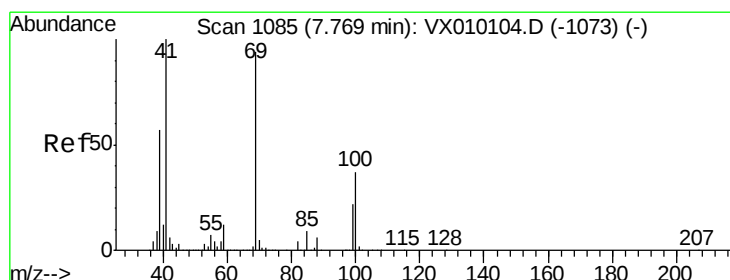
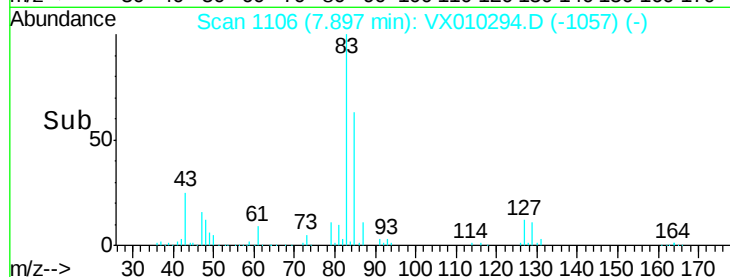
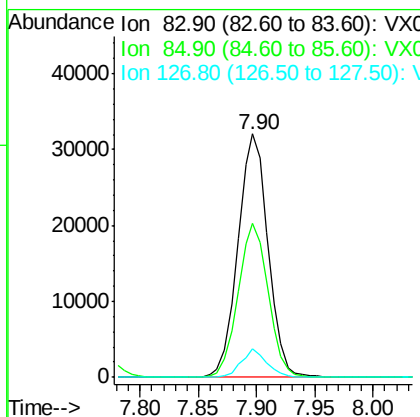
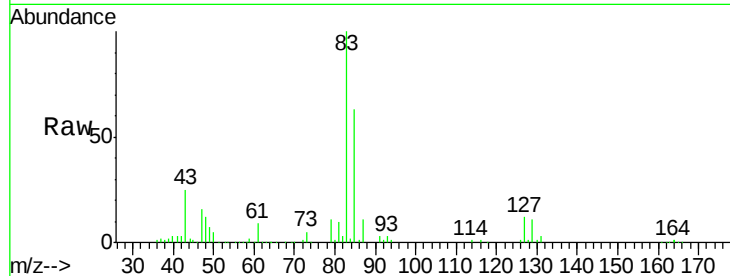
ClientSampleId :

VX0614MBS01

Tot Ion:	83	Resp:	57757
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.2
127	11.6	6.4	9.6#

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.882 ug/l

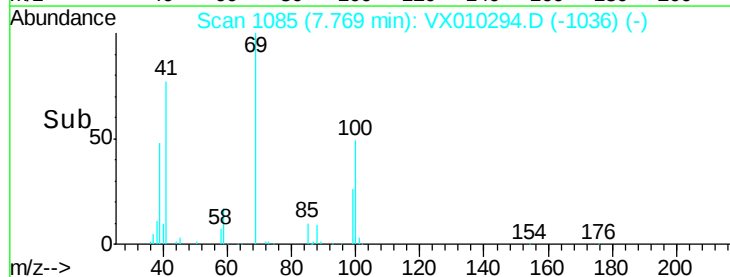
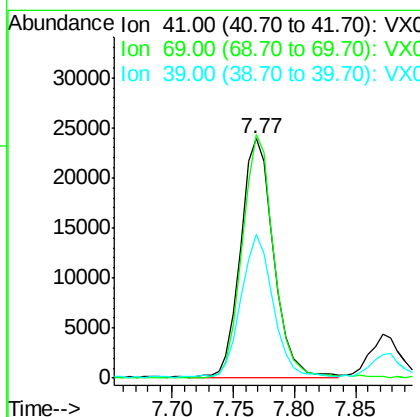
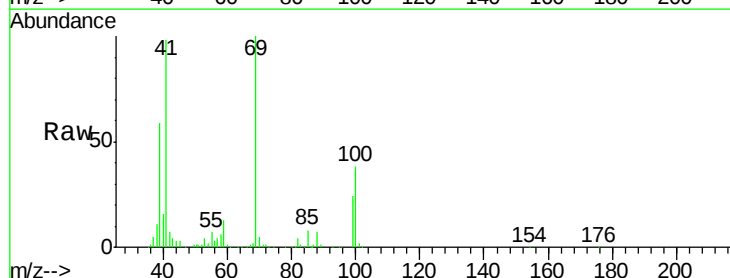
RT: 7.77 min Scan# 1085

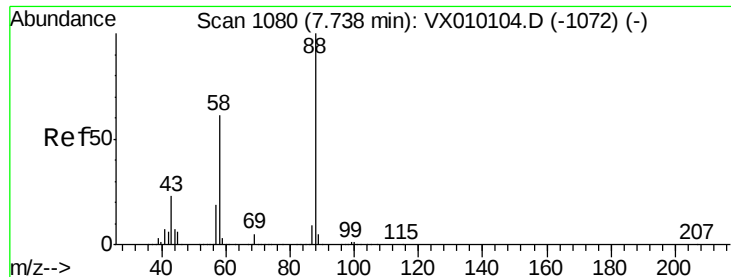
Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	41	Resp:	44705
Ion	Ratio	Lower	Upper
41	100		
69	97.3	56.4	84.6#
39	57.6	40.6	60.8





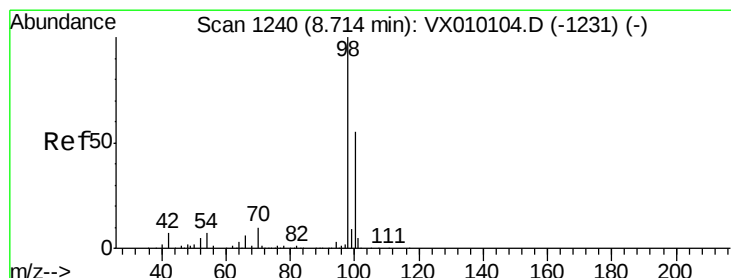
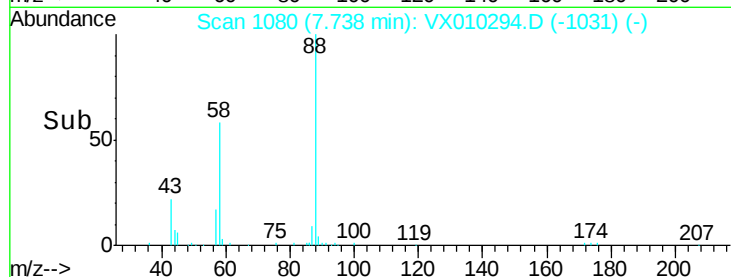
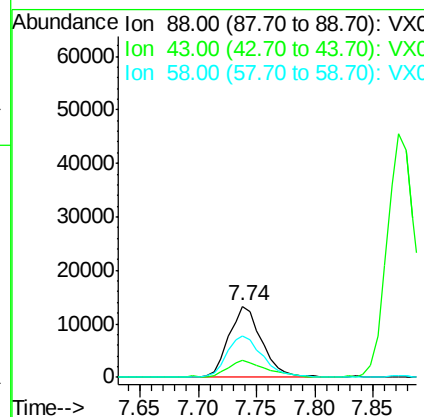
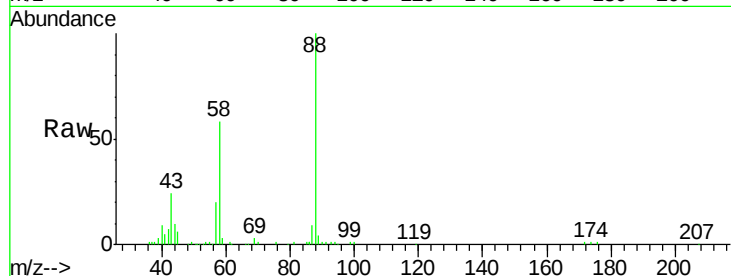
#49
1,4-Dioxane
Concen: 324.747 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	30.2	45.4#
58	63.6	64.0	96.0#

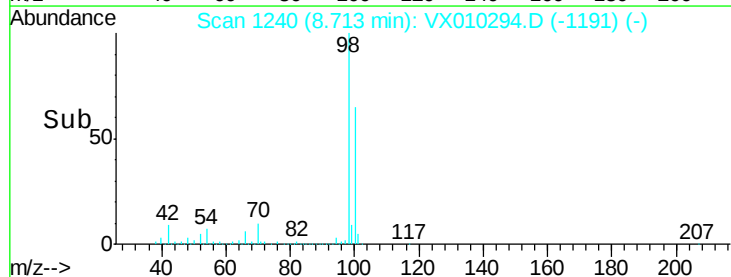
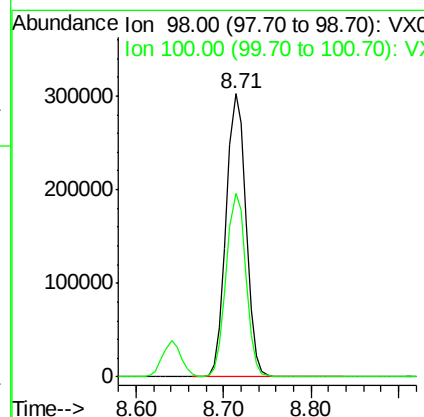
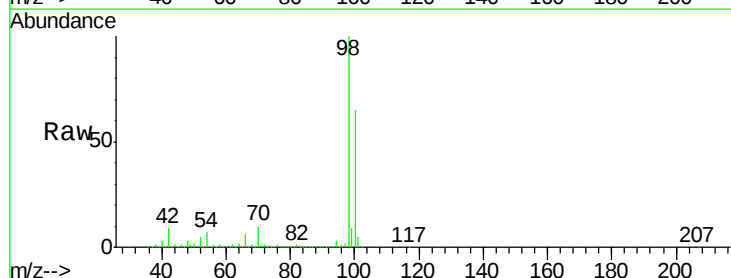
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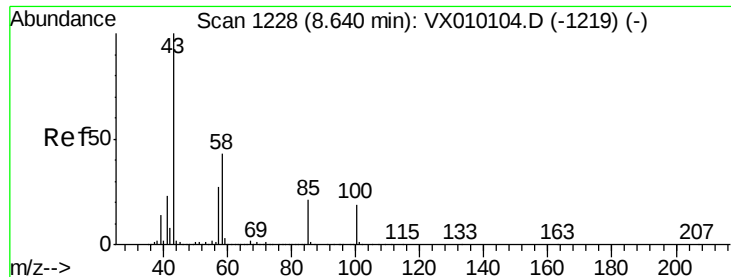
MMDadoda
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#50
Toluene-d8
Concen: 48.418 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.5	77.3





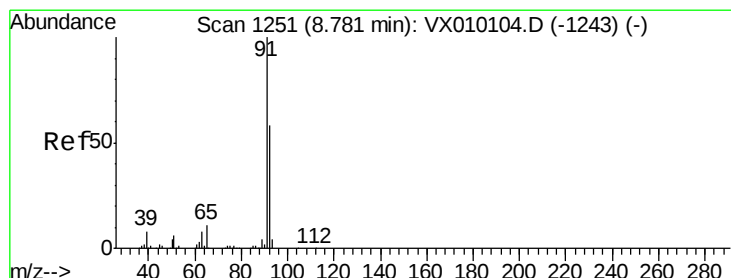
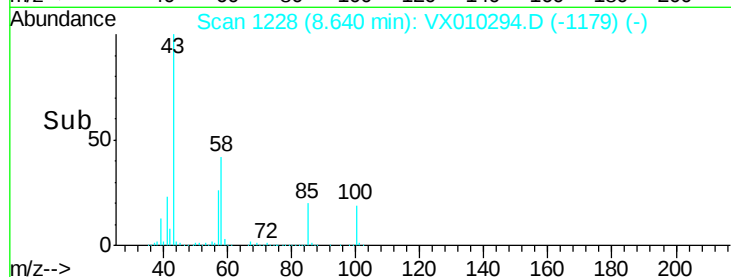
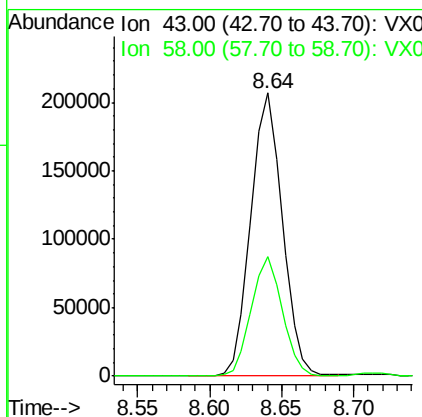
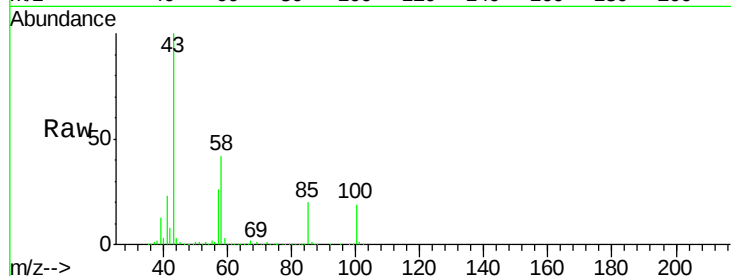
#51
4-Methyl-2-Pentanone
Concen: 87.348 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.6	28.8	43.2

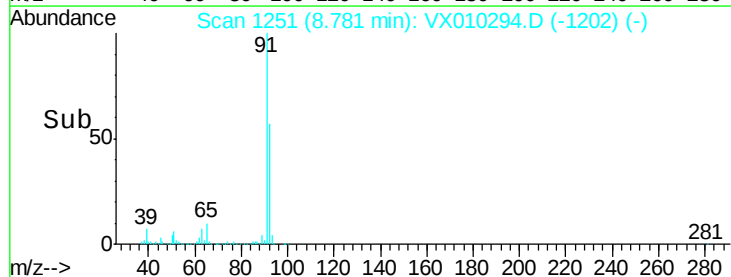
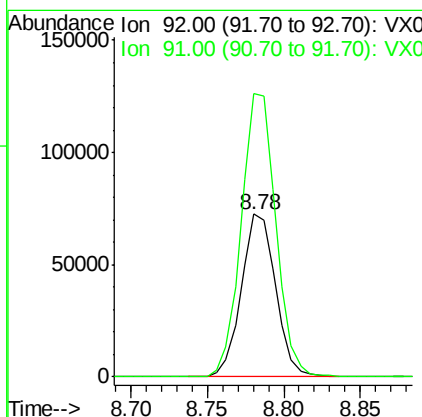
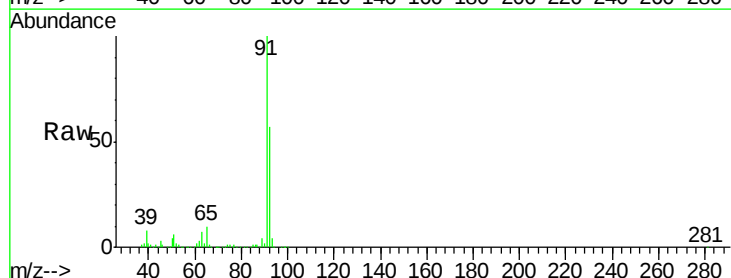
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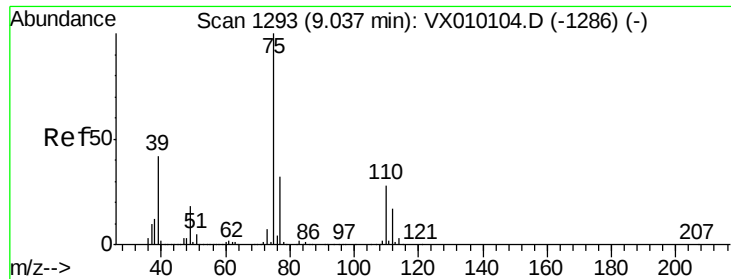
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#52
Toluene
Concen: 16.028 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.0	139.9	209.9





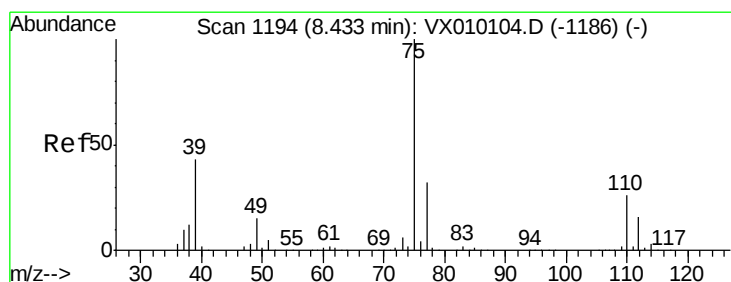
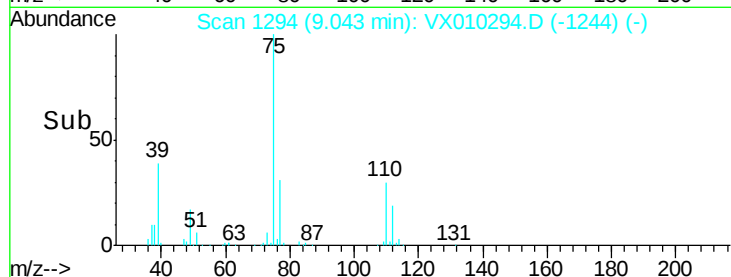
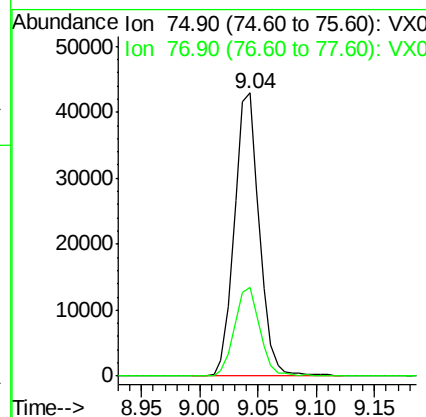
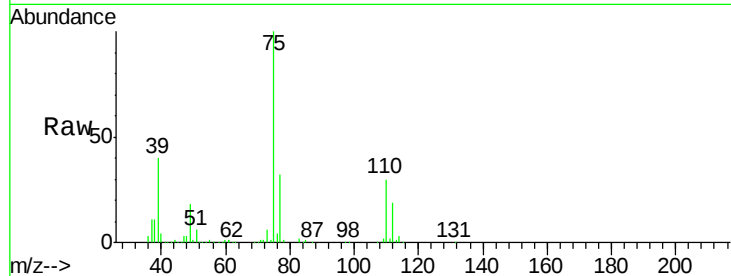
#53
t-1,3-Dichloropropene
Concen: 14.784 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion: 75 Resp: 64101
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

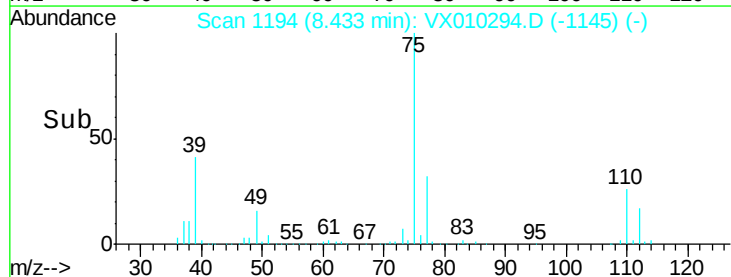
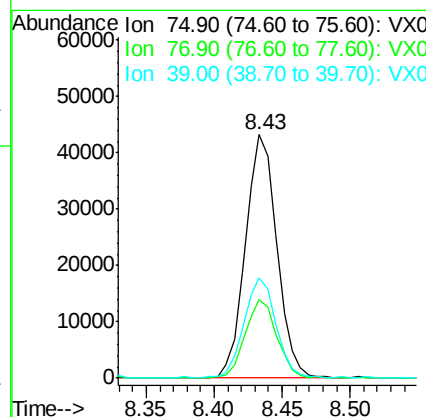
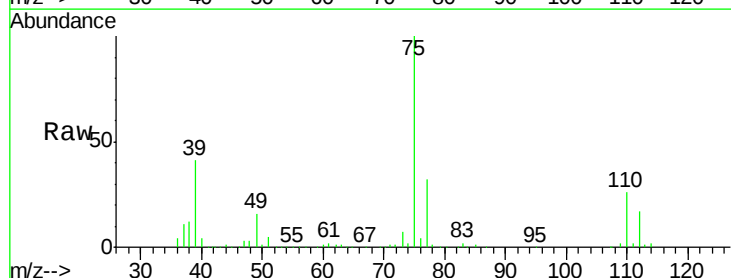
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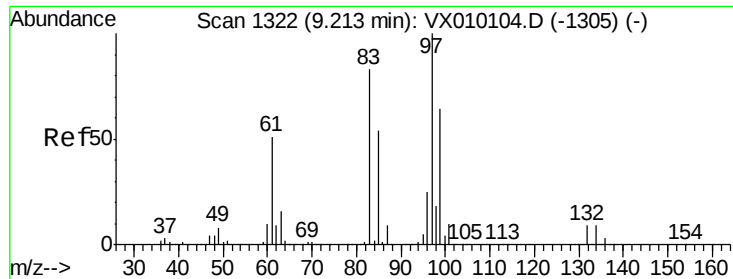
MMDadoda
6/17/2019 10:36:02 AM



#54
cis-1,3-Dichloropropene
Concen: 14.934 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 75 Resp: 69417
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 41.1 43.4 65.0#





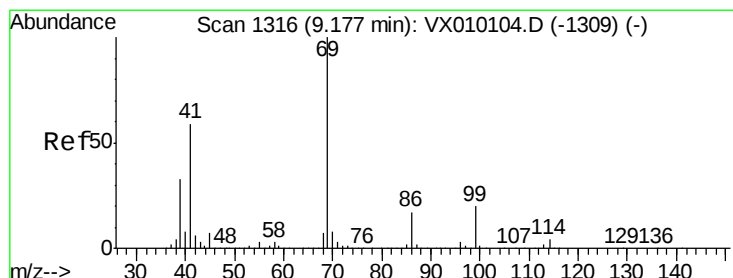
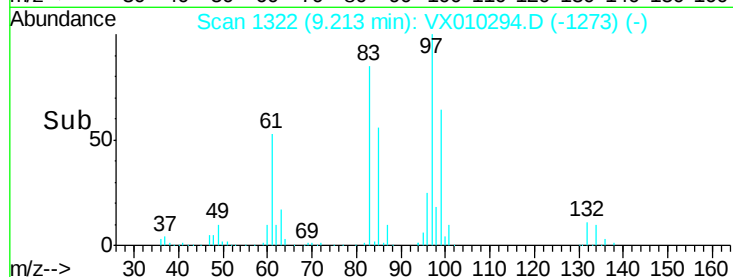
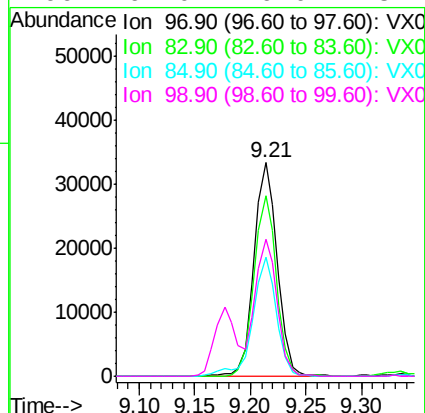
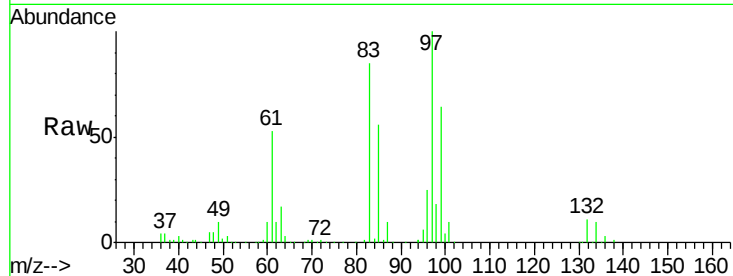
#55
 1,1,2-Trichloroethane
 Concen: 16.861 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion:	97	Resp:	48563
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.8	104.8
85	55.5	45.3	67.9
99	64.0	49.0	73.4

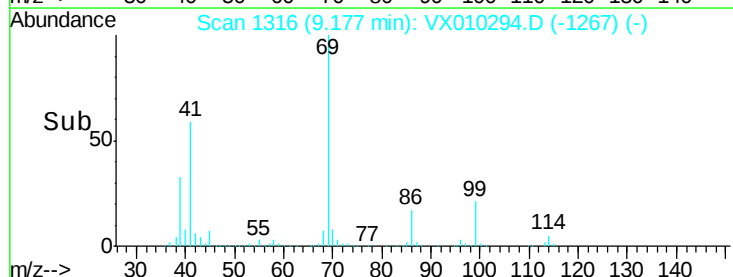
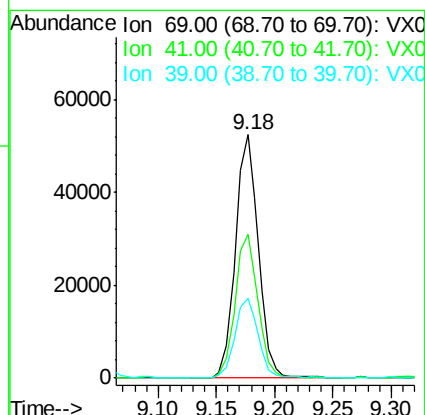
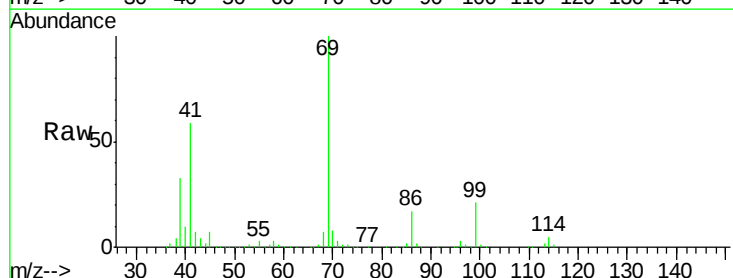
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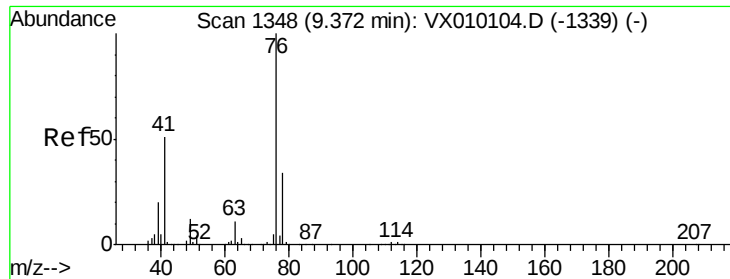
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 15.837 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion:	69	Resp:	72051
Ion	Ratio	Lower	Upper
69	100		
41	58.2	62.7	94.1#
39	33.1	29.5	44.3





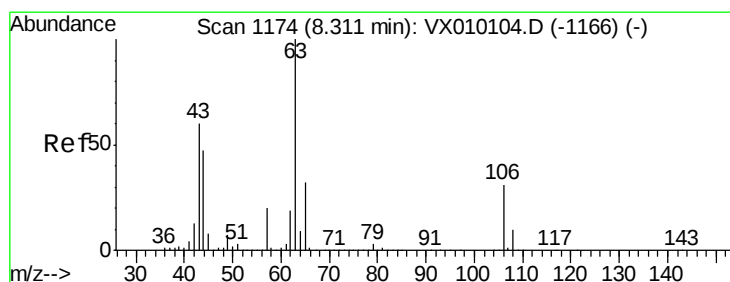
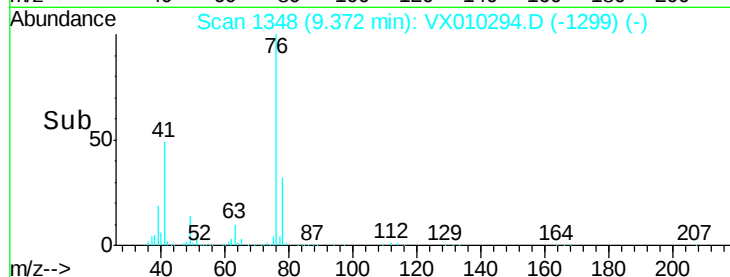
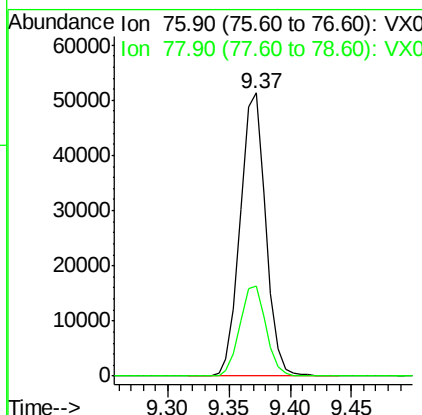
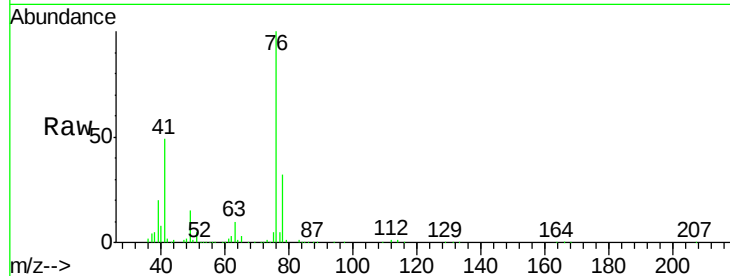
#57
 1,3-Dichloropropane
 Concen: 16.293 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion: 76 Resp: 73878
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.4 38.0

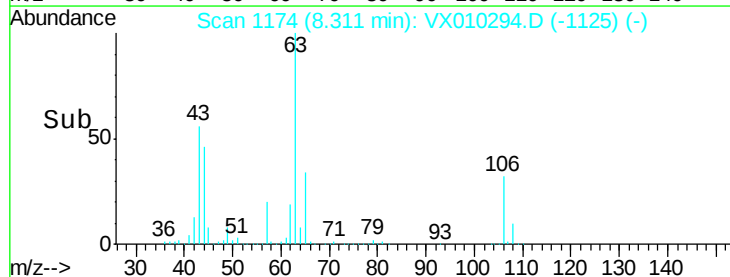
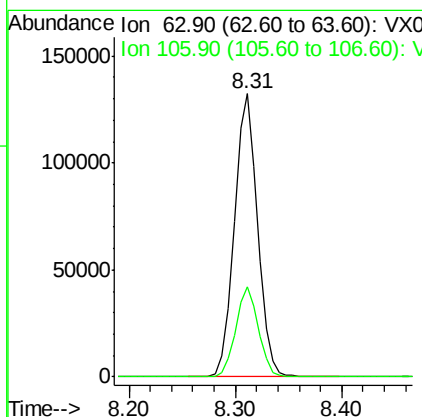
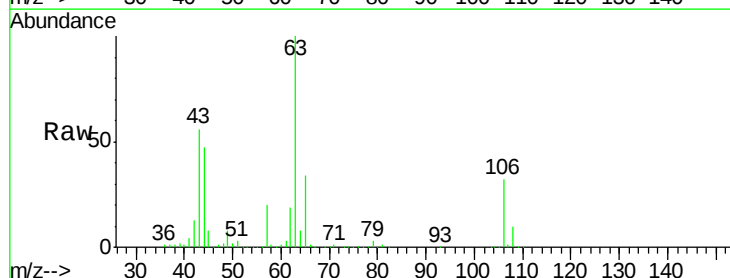
Manual Integrations
 APPROVED

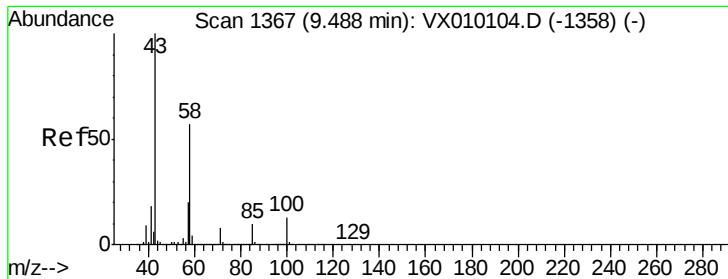
MMDadoda
 6/17/2019 10:36:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.423 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion: 63 Resp: 202521
 Ion Ratio Lower Upper
 63 100
 106 31.2 19.4 29.2#





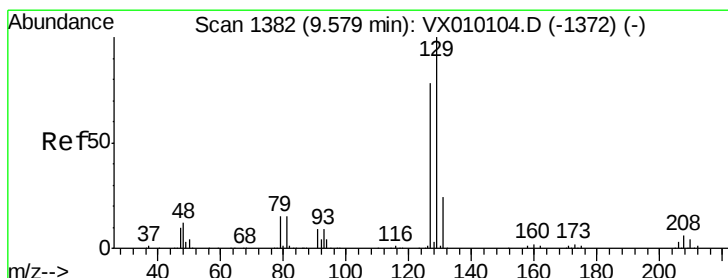
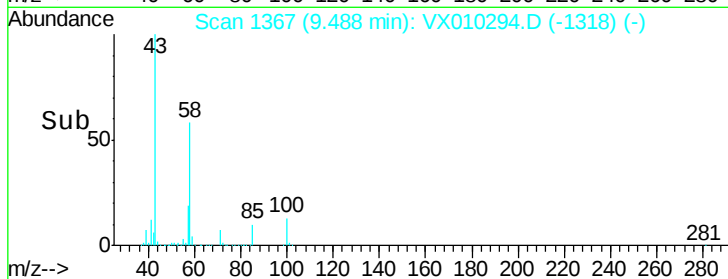
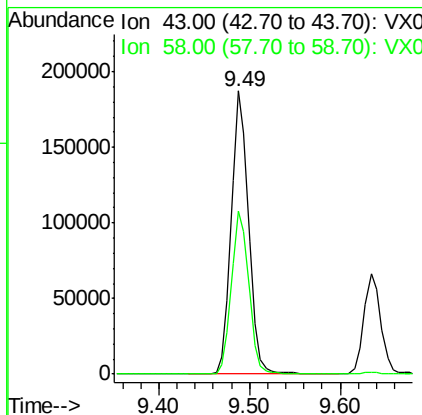
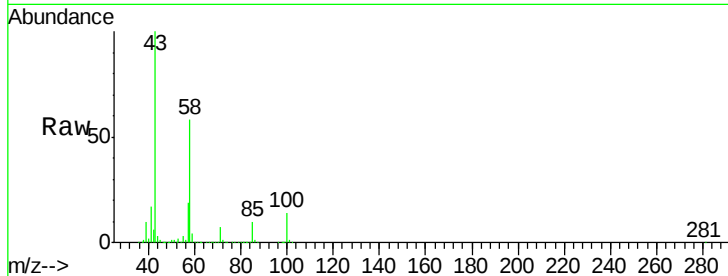
#59
2-Hexanone
Concen: 86.505 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion: 43 Resp: 248002
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3

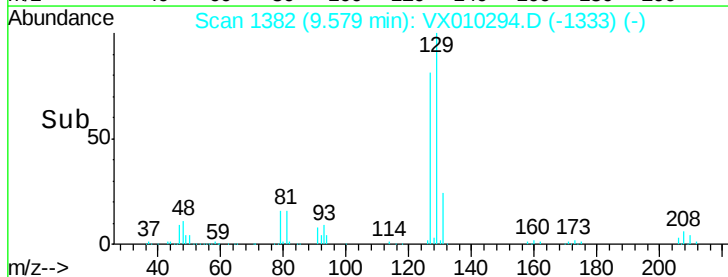
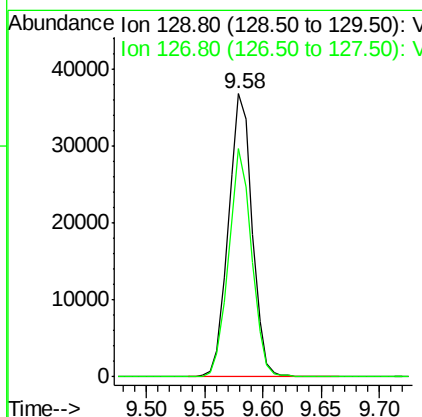
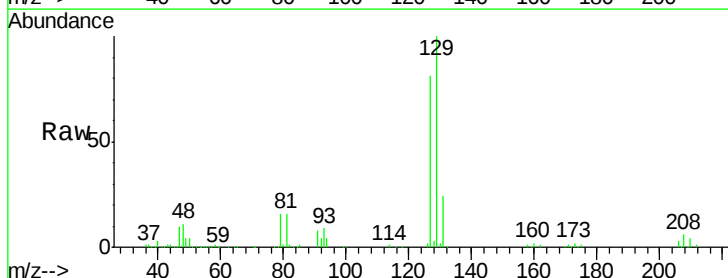
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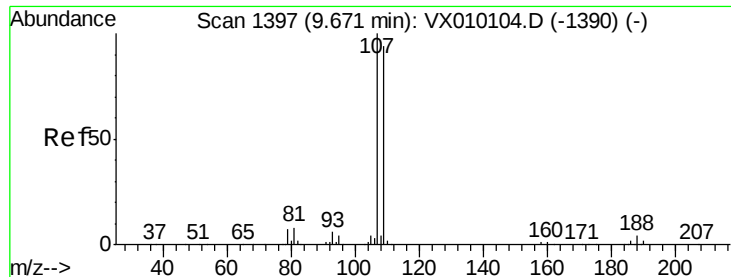
MMDadoda
6/17/2019 10:36:02 AM



#60
Dibromochloromethane
Concen: 15.310 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:129 Resp: 52156
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 15.747 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion:107 Resp: 50514

Ion Ratio Lower Upper

107 100

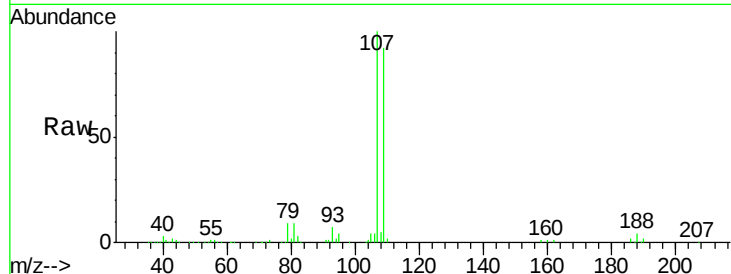
109 95.2 75.4 113.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

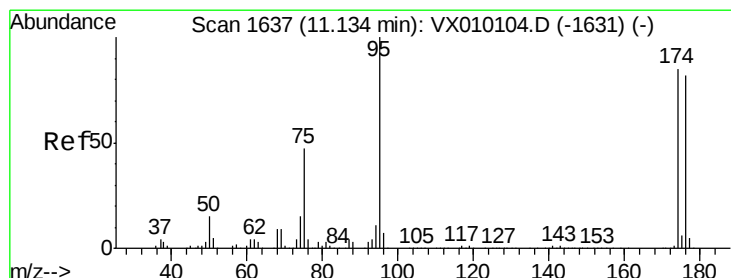
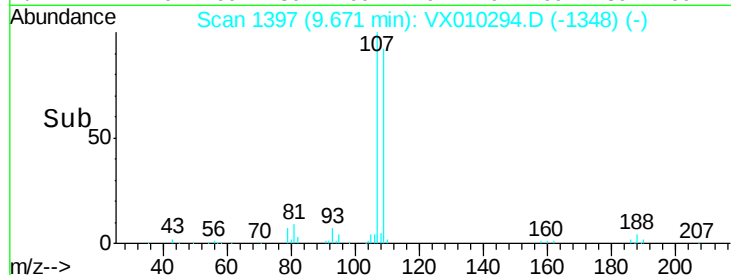
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

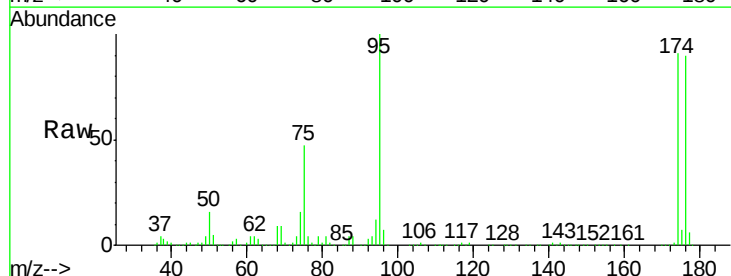
Tgt Ion: 95 Resp: 170261

Ion Ratio Lower Upper

95 100

174 93.2 0.0 160.4

176 90.5 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

150000

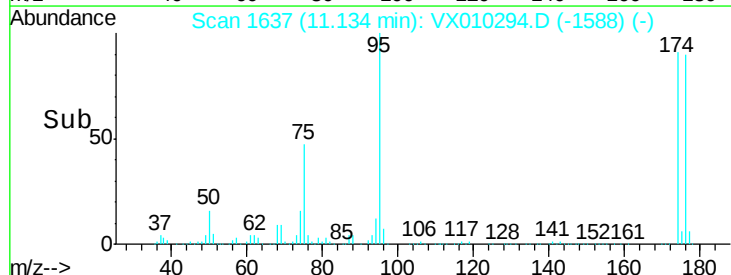
100000

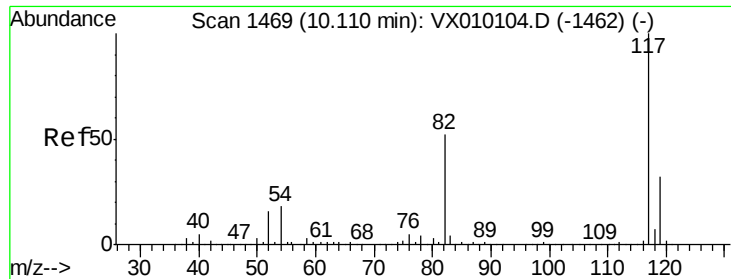
50000

0

11.10 11.20

Time-->





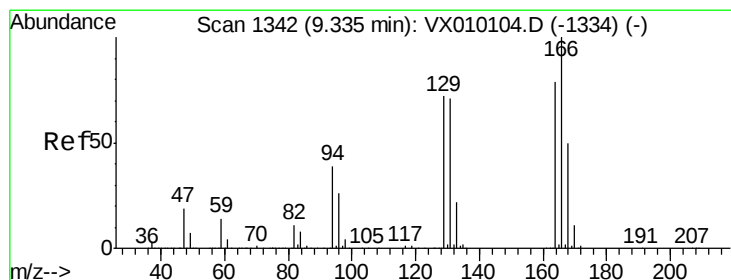
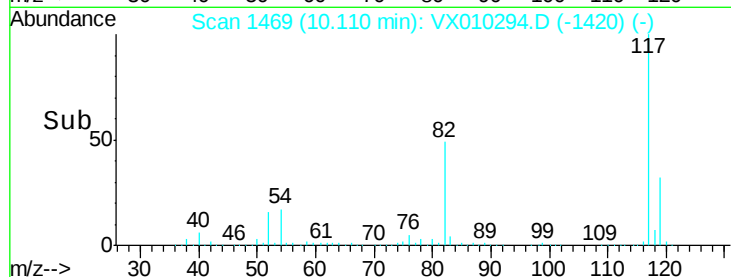
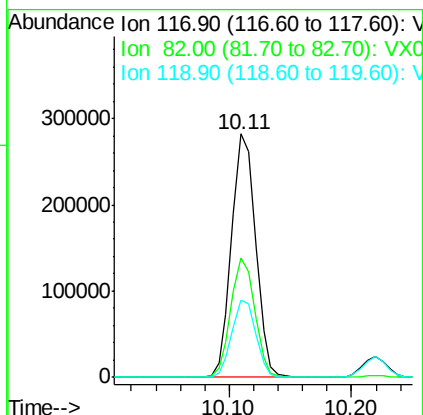
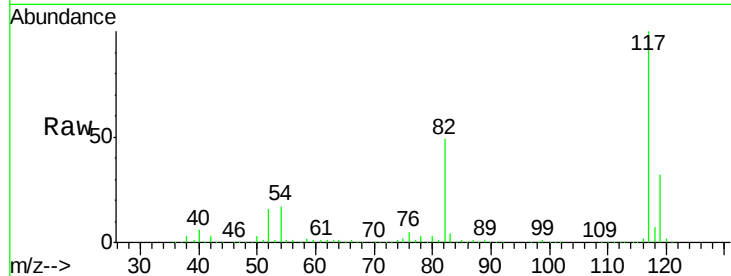
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	49.2	73.8
119	31.9	25.2	37.8

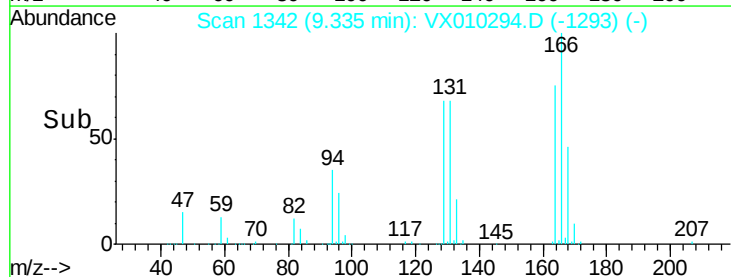
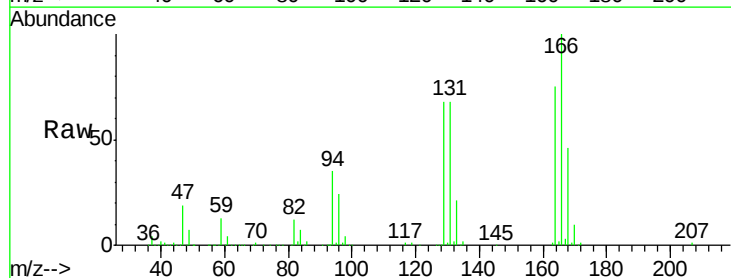
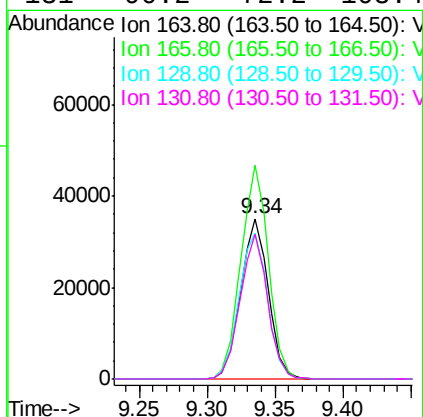
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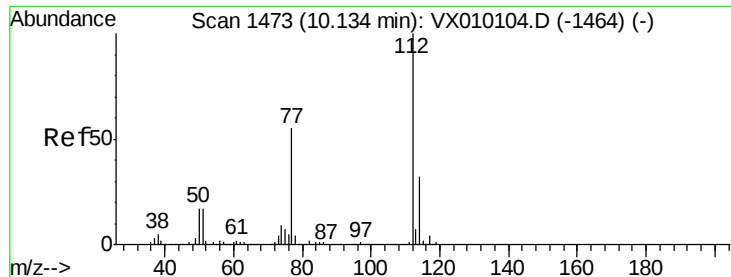
MMDadoda
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#64
Tetrachloroethene
Concen: 17.486 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.2	105.0	157.4
129	91.1	75.1	112.7
131	90.2	72.2	108.4





#65

Chlorobenzene

Concen: 16.409 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampled :

VX0614MBS01

Tot Ion:112 Resp: 129901

Ion Ratio Lower Upper

112 100

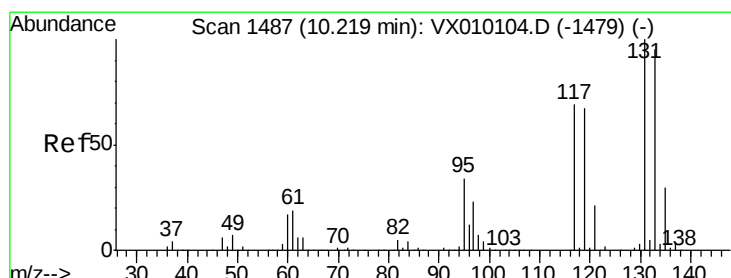
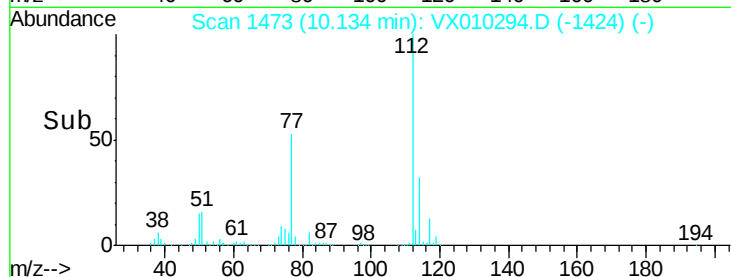
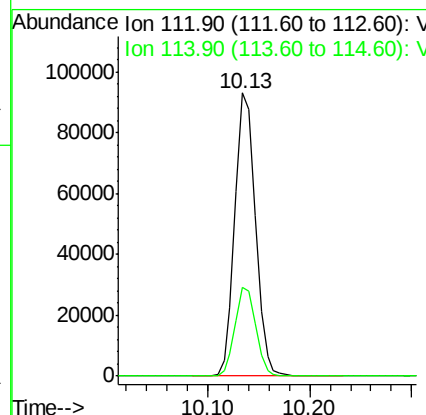
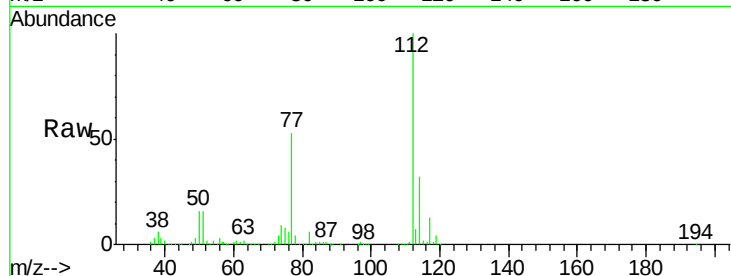
114 31.6 25.8 38.8

Manual Integrations

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6/17/2019 10:36:02 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 15.705 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

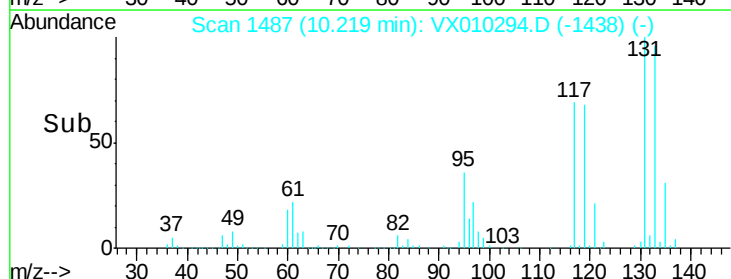
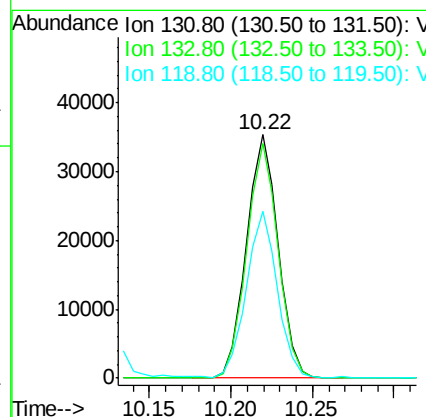
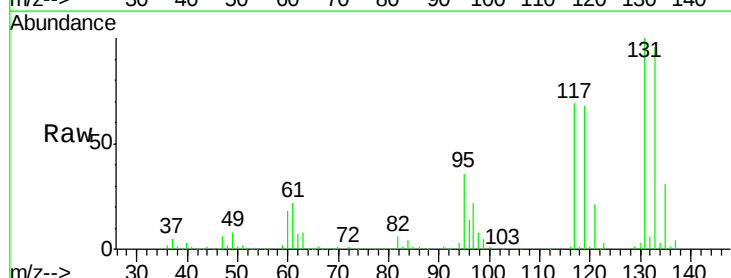
Tgt Ion:131 Resp: 47810

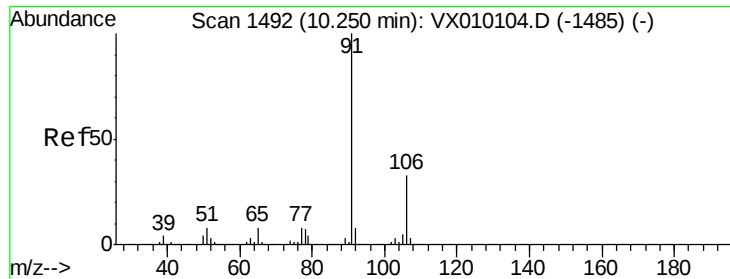
Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.6

119 67.2 33.4 100.1





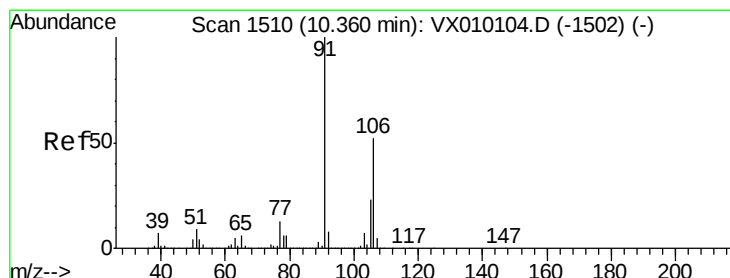
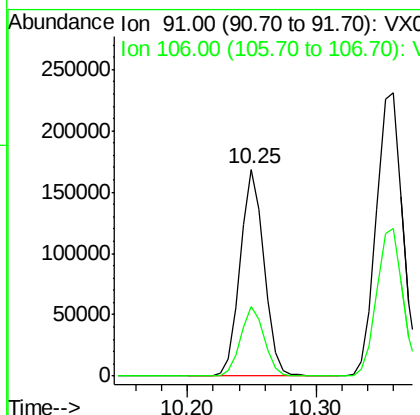
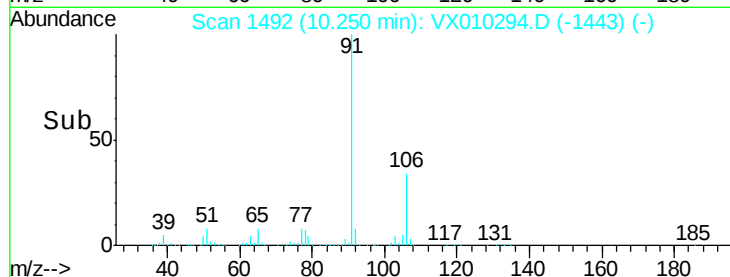
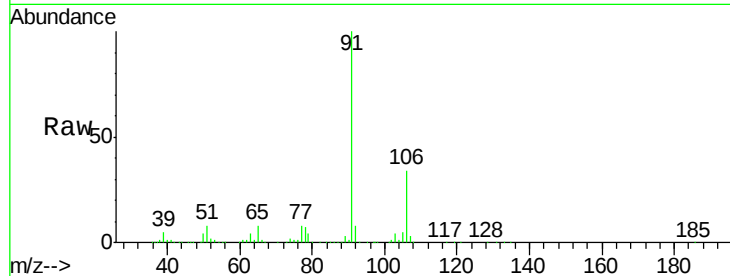
#67
Ethyl Benzene
Concen: 16.053 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion: 91 Resp: 216339
Ion Ratio Lower Upper
91 100
106 33.9 23.9 35.9

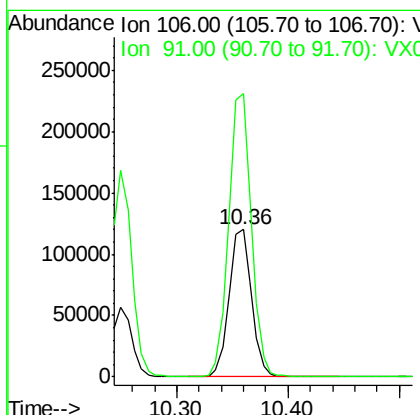
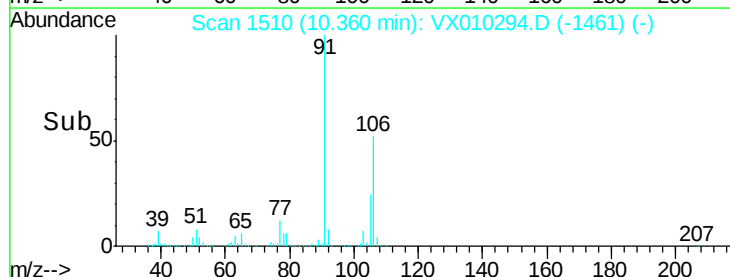
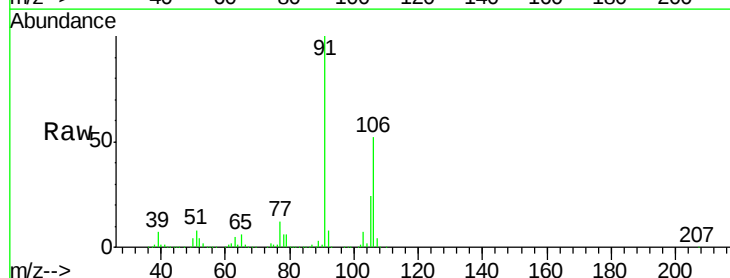
Manual Integrations
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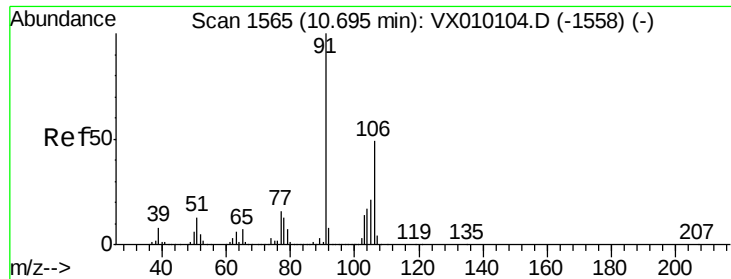
MMDadoda
6/17/2019 10:36:02 AM



#68
m/p-Xylenes
Concen: 32.263 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion: 106 Resp: 168252
Ion Ratio Lower Upper
106 100
91 193.2 167.3 250.9





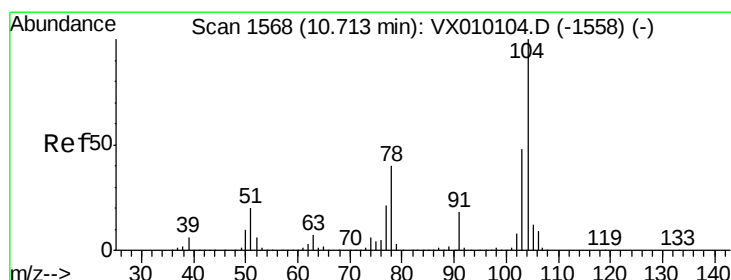
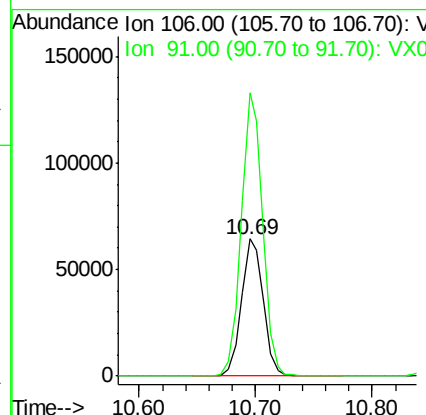
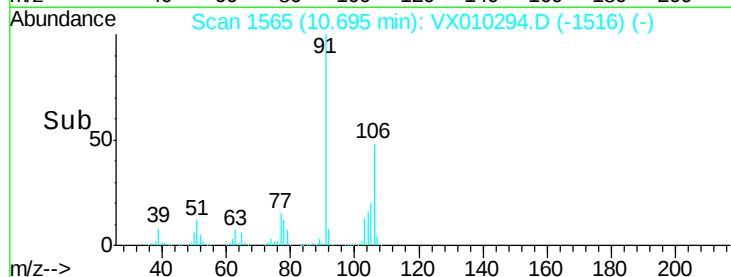
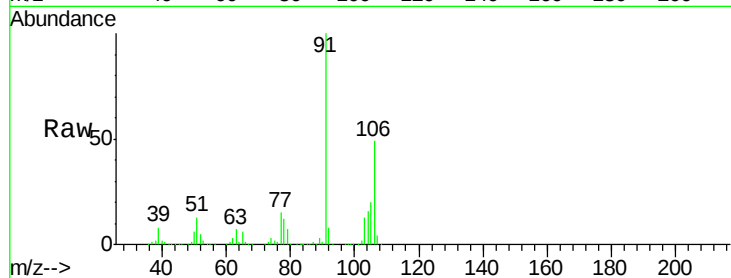
#69
o-Xylene
Concen: 16.190 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampled :
VX0614MBS01

Tot Ion:106 Resp: 83928
Ion Ratio Lower Upper
106 100
91 202.7 110.4 331.2

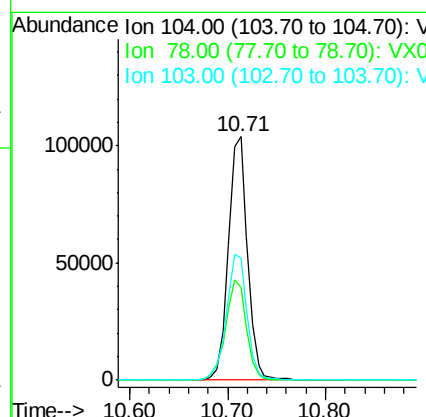
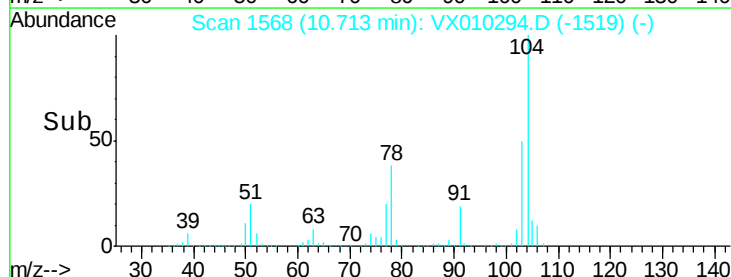
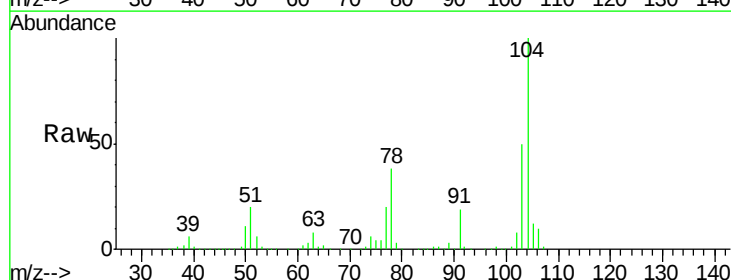
Manual Integrations
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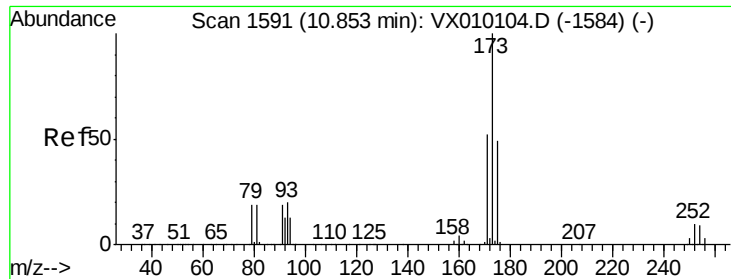
MMDadoda
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#70
Styrene
Concen: 16.030 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion:104 Resp: 140738
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 55.5 44.1 66.1





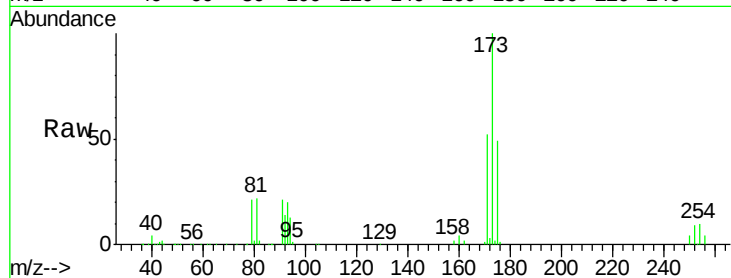
#71
Bromoform
Concen: 14.657 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

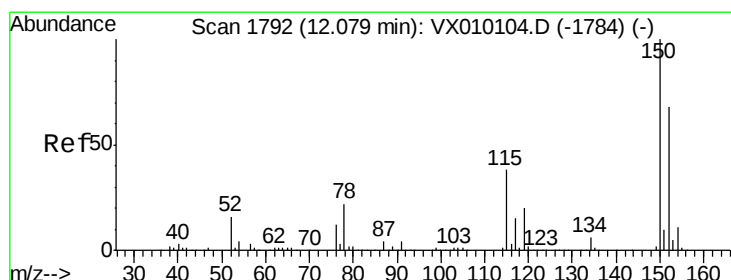
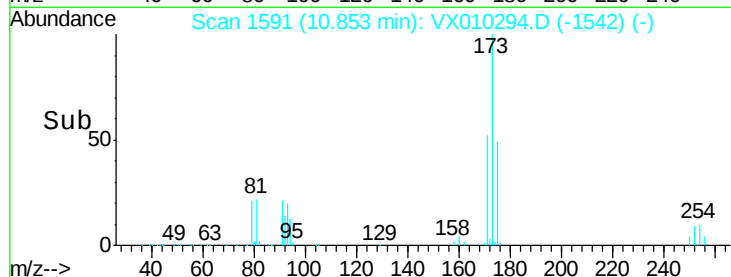
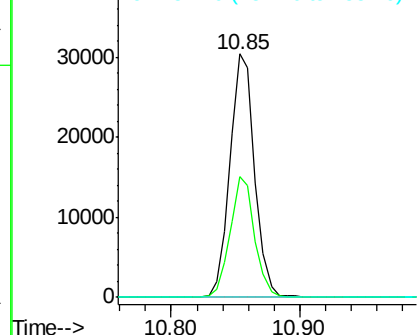
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.0	75.0
254	0.0	0.2	0.2

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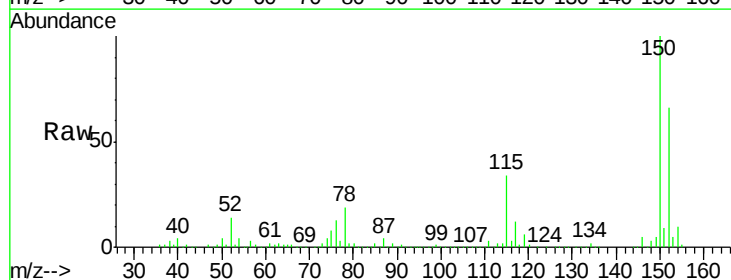


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

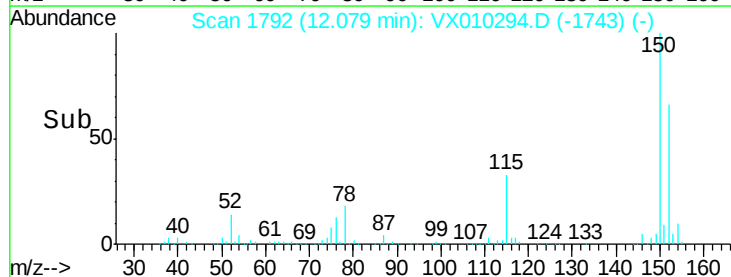
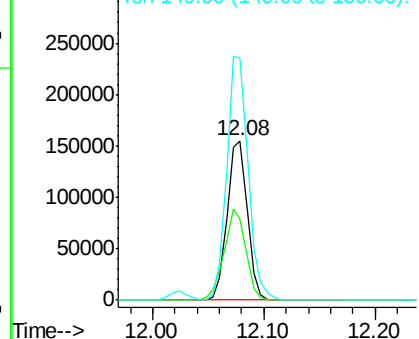


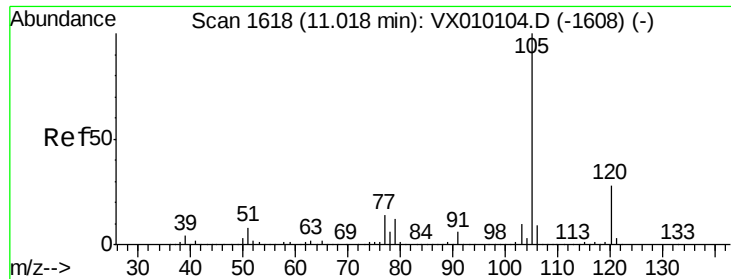
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.4	124.2
150	162.1	0.0	345.2



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





#73

Isopropylbenzene

Concen: 15.990 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 105 Resp: 216338

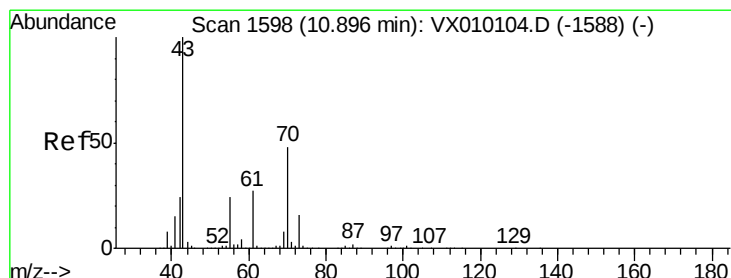
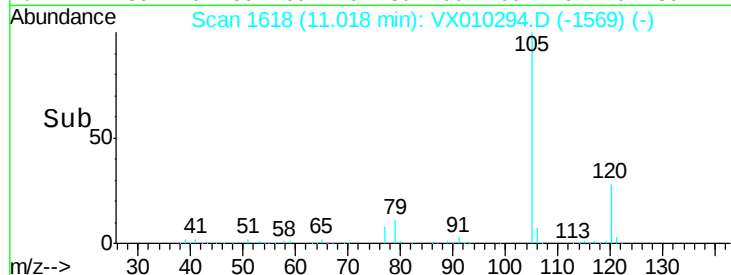
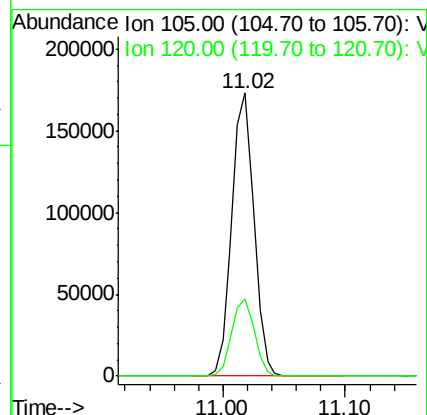
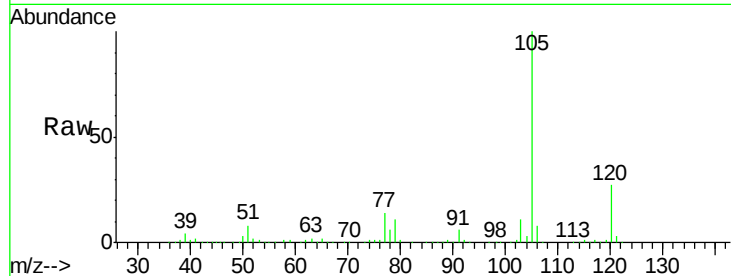
Ion Ratio Lower Upper

105 100

120 27.9 12.8 38.4

Manual Integrations
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6/17/2019 10:36:02 AM



#74

N-ethyl acetate

Concen: 15.609 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion: 43 Resp: 83482

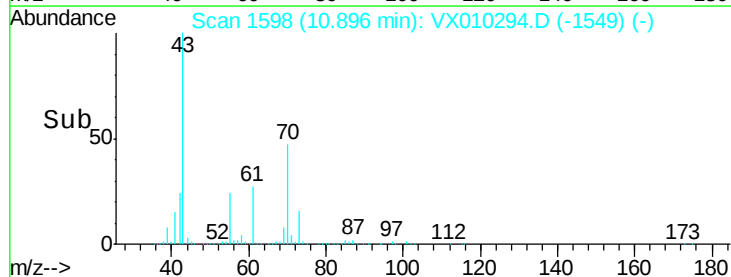
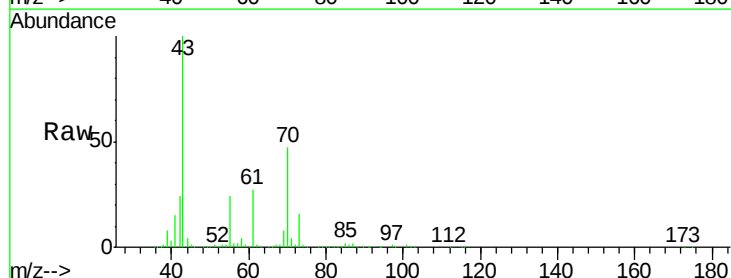
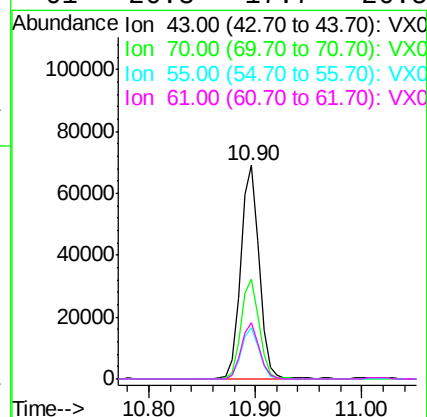
Ion Ratio Lower Upper

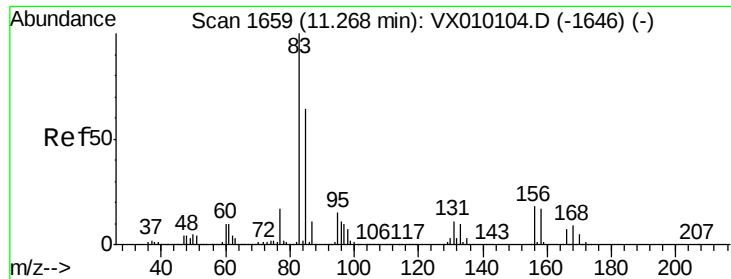
43 100

70 46.8 28.6 43.0#

55 24.1 17.8 26.8

61 26.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 16.455 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

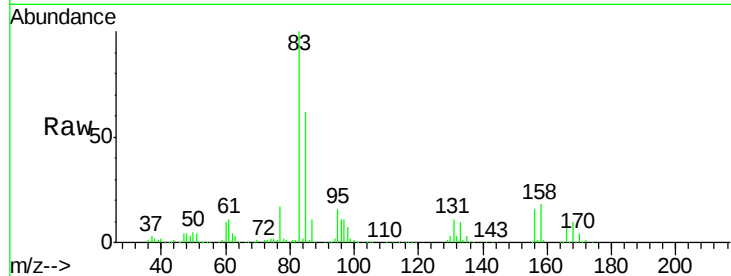
ClientSampleId :

VX0614MBS01

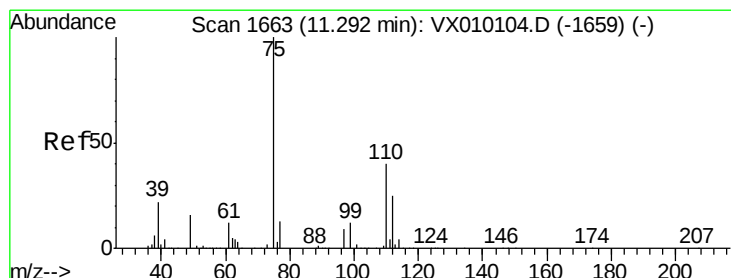
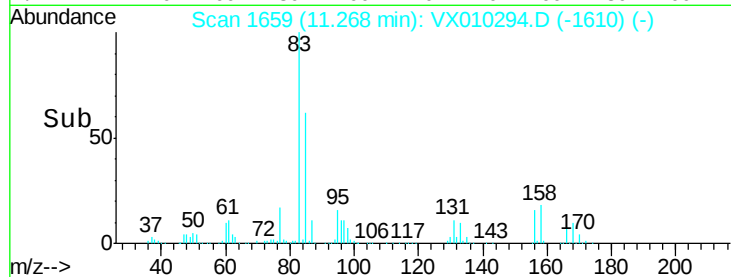
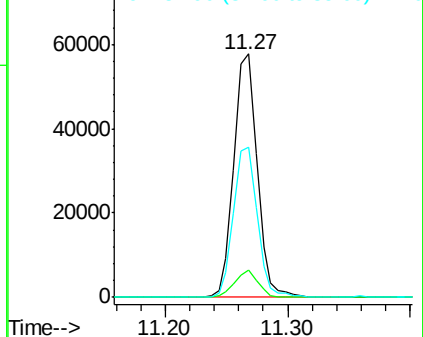
Tot Ion:	83	Resp:	76208
Ion Ratio	Lower	Upper	
83	100		
131	11.0	4.7	14.1
85	63.1	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 16.041 ug/l m

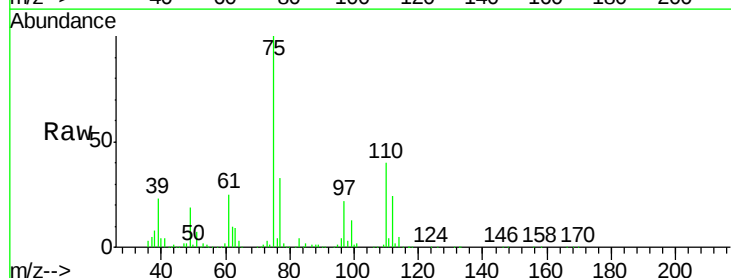
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

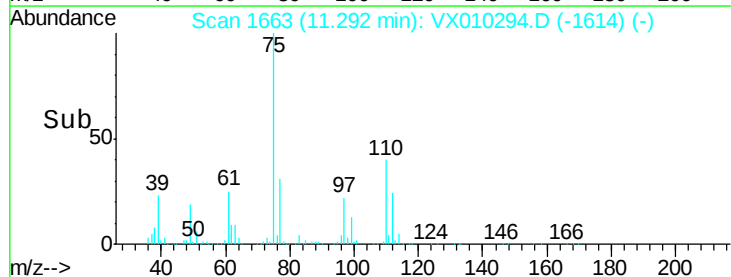
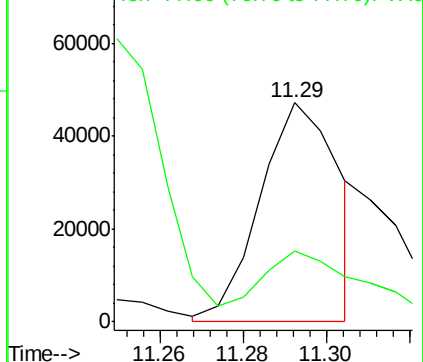
Lab File: VX010294.D

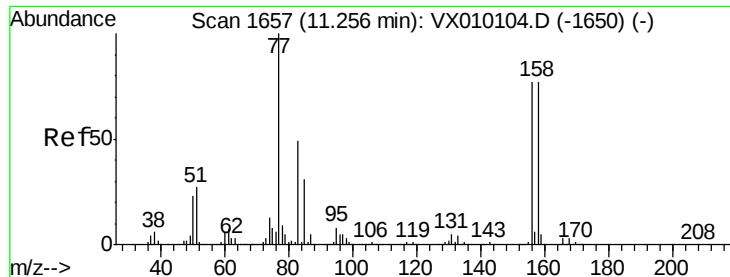
Acq: 14 Jun 2019 12:46

Tgt Ion:	75	Resp:	62188
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.091 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion:156 Resp: 59869

Ion Ratio Lower Upper

156 100

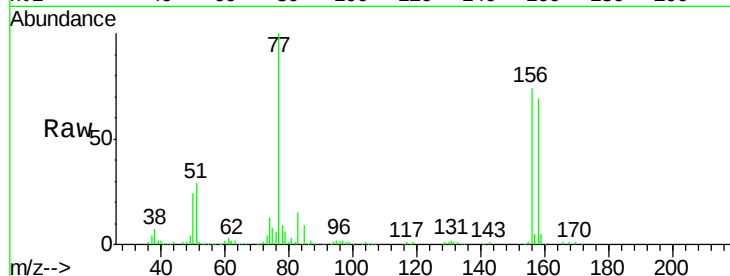
77 132.4 86.8 260.3

158 96.9 49.6 148.8

Manual Integrations
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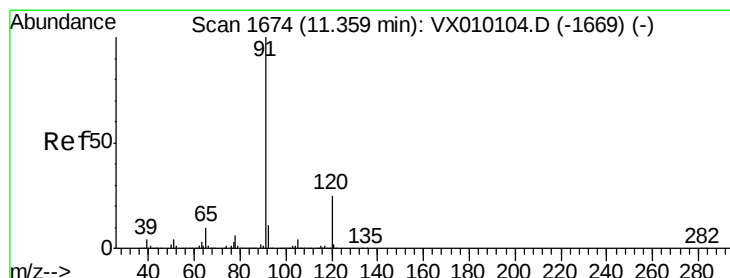
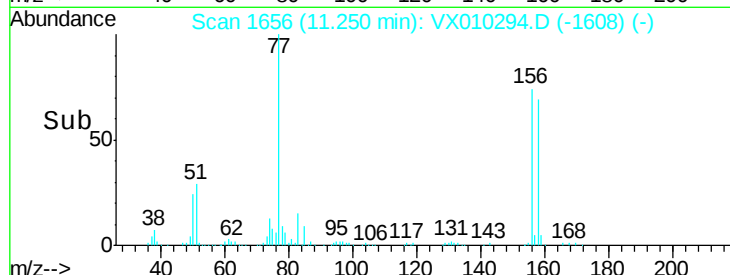
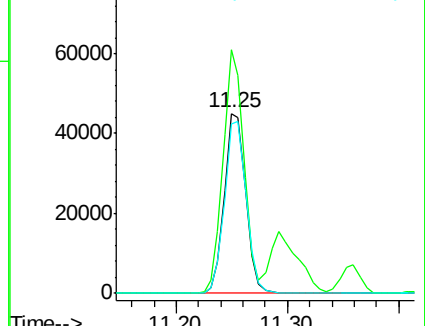
6/17/2019 10:36:02 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 15.819 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010294.D

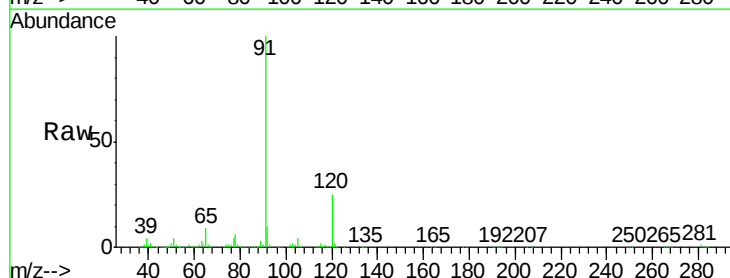
Acq: 14 Jun 2019 12:46

Tgt Ion: 91 Resp: 238279

Ion Ratio Lower Upper

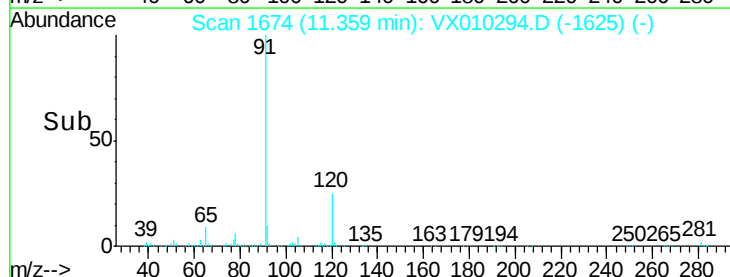
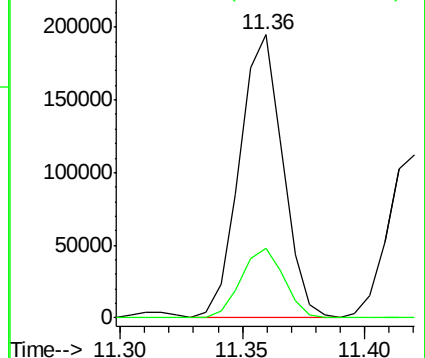
91 100

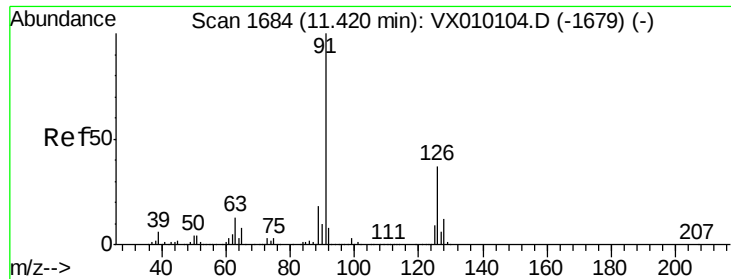
120 24.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.586 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 91 Resp: 141000

Ion Ratio Lower Upper

91 100

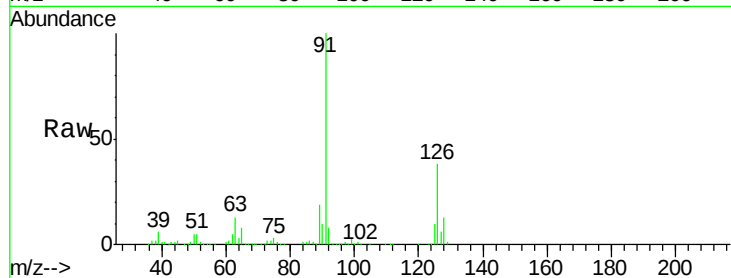
126 38.4 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

200000

150000

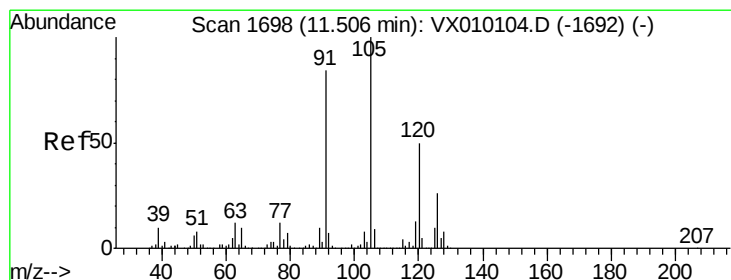
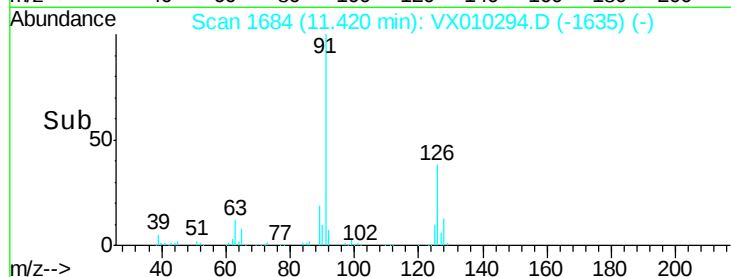
100000

50000

0

11.40 11.42 11.44

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 15.767 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010294.D

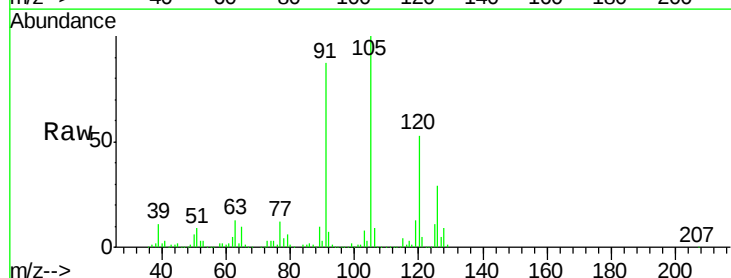
Acq: 14 Jun 2019 12:46

Tgt Ion: 105 Resp: 179681

Ion Ratio Lower Upper

105 100

120 51.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

150000

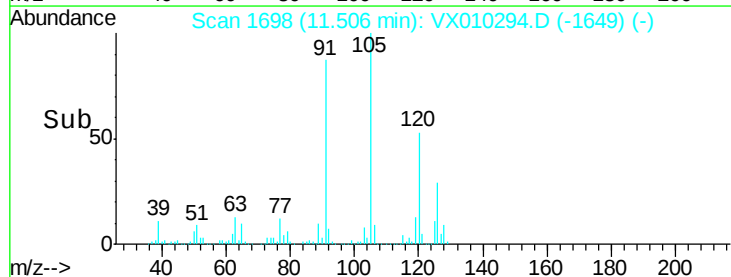
100000

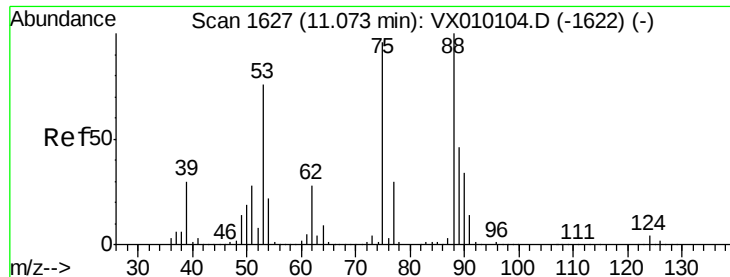
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 13.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion: 75 Resp: 24052

Ion Ratio Lower Upper

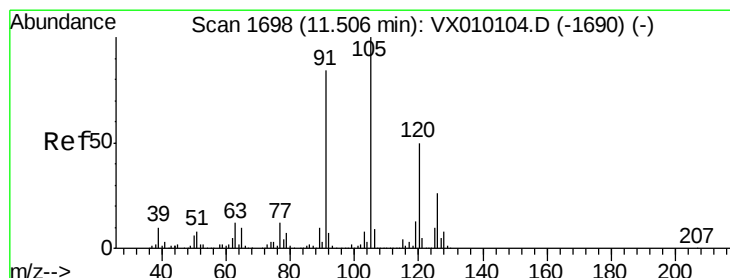
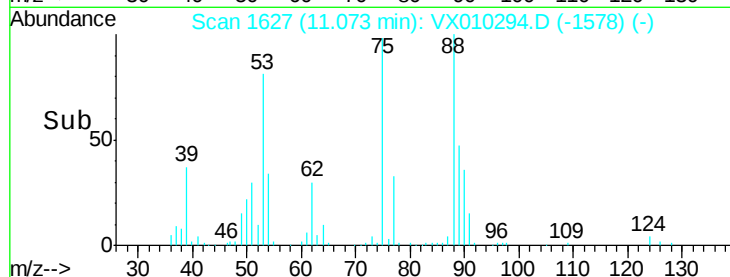
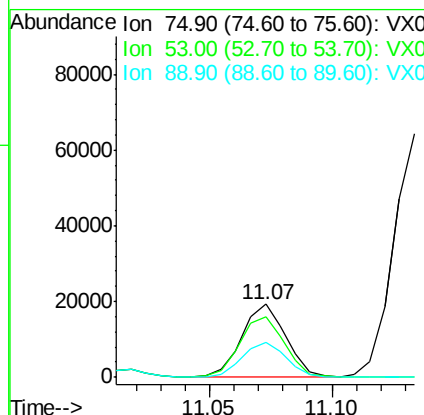
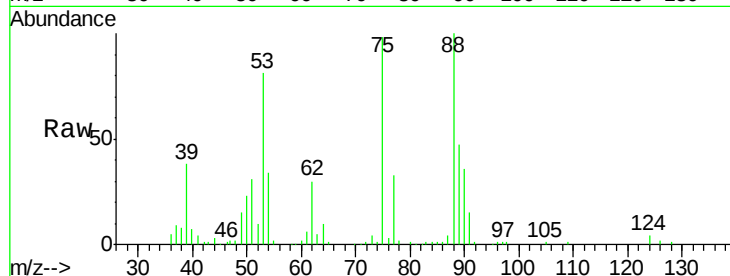
75 100

53 86.2 79.8 119.6

89 49.1 34.2 51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 15.574 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010294.D

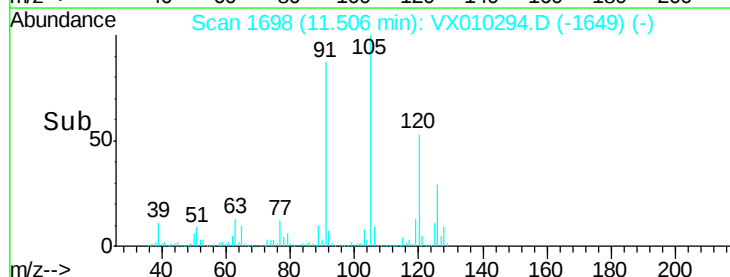
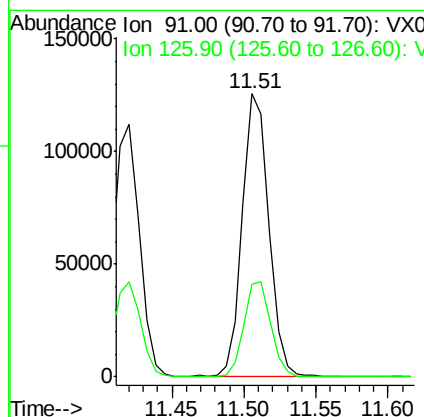
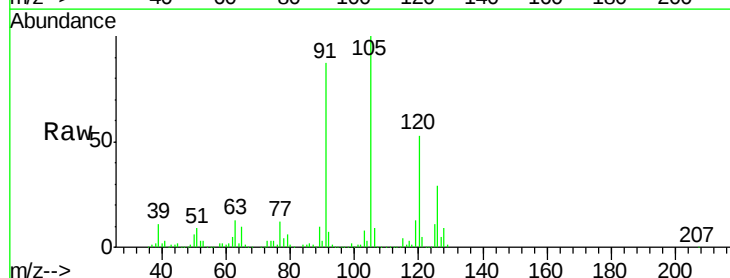
Acq: 14 Jun 2019 12:46

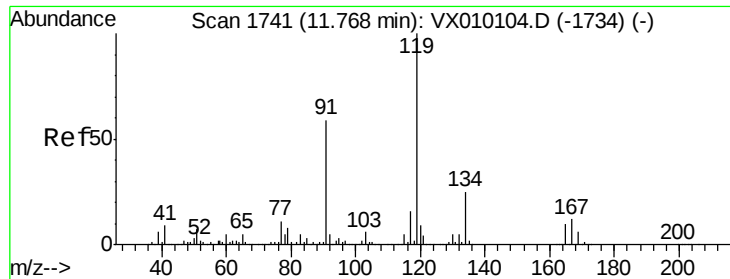
Tgt Ion: 91 Resp: 160047

Ion Ratio Lower Upper

91 100

126 34.0 14.2 42.6





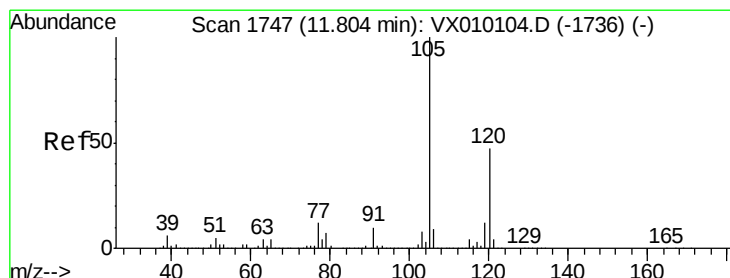
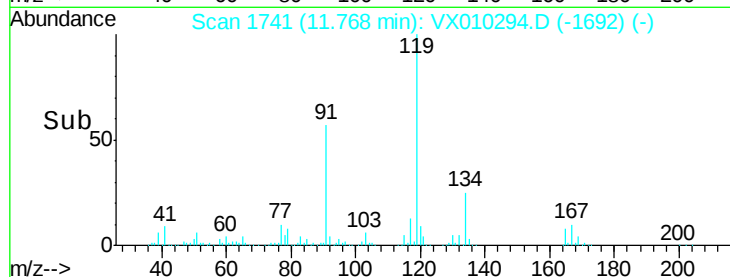
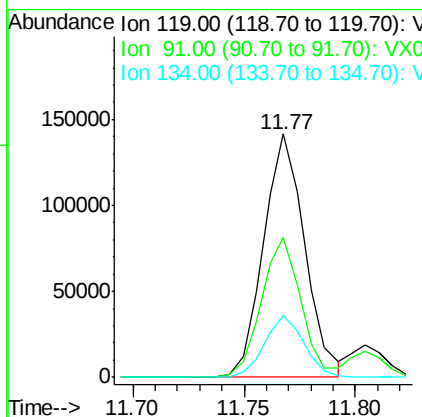
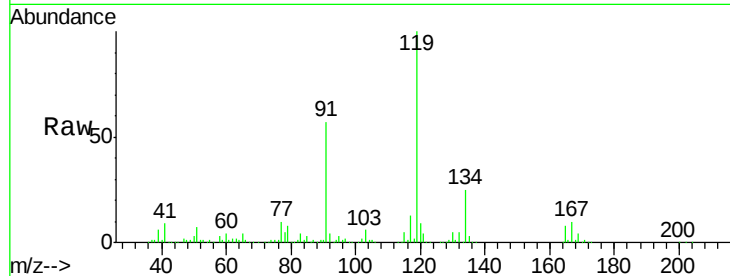
#83
tert-Butylbenzene
Concen: 15.753 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181699		
91	55.2	30.0	90.0	
134	24.3	11.2	33.5	

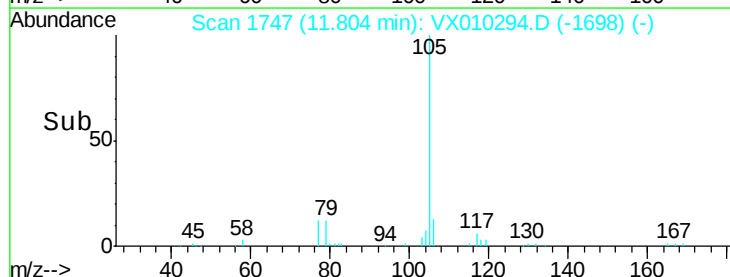
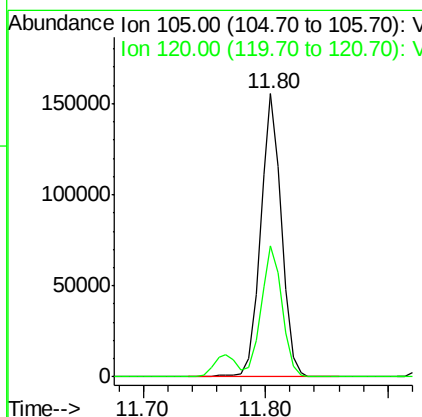
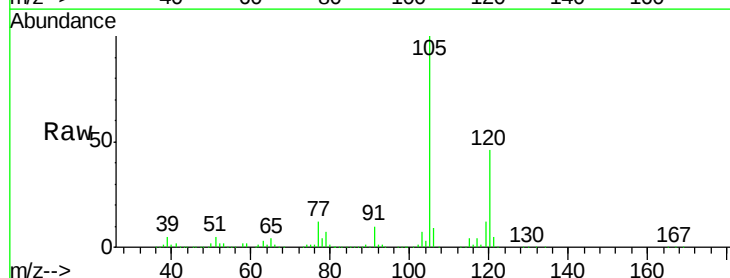
Manual Integrations
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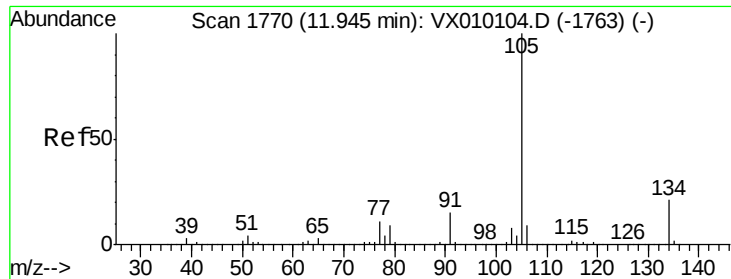
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 16.025 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184455		
120	46.9	22.1	66.1	





#85

sec-Butylbenzene

Concen: 16.014 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0614MBS01

Tot Ion:105 Resp: 215196

Ion Ratio Lower Upper

105 100

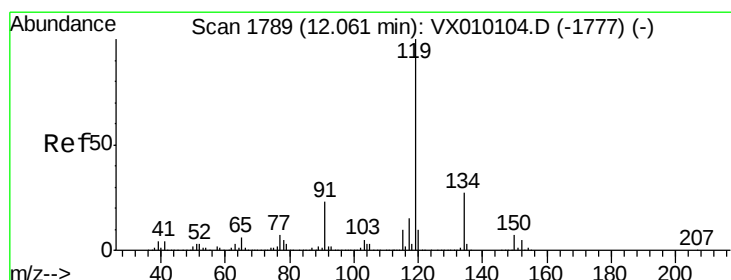
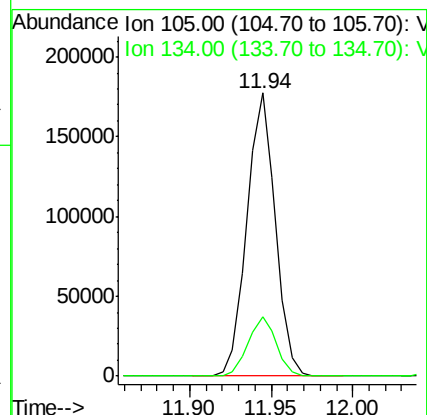
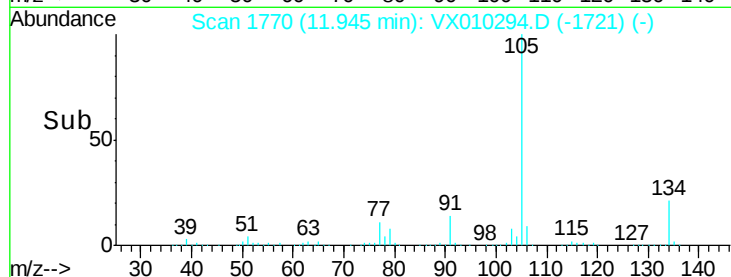
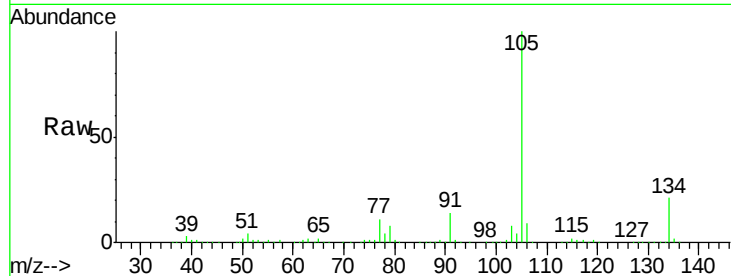
134 21.0 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 15.954 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

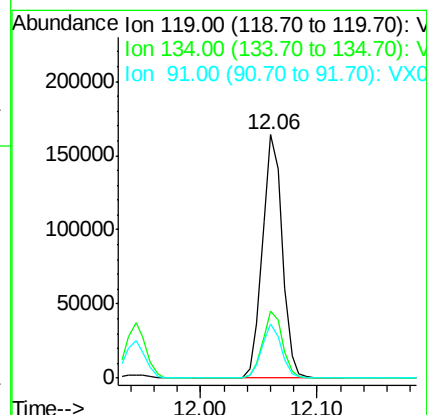
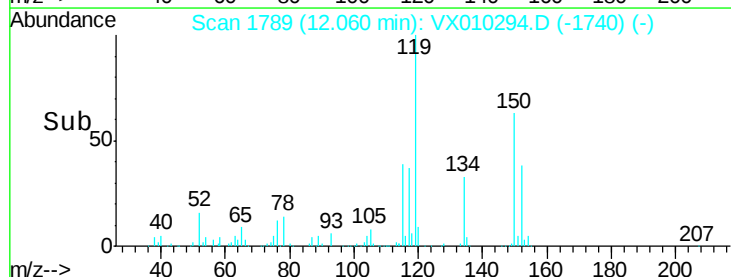
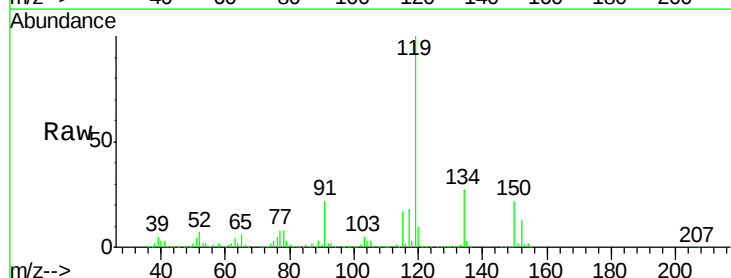
Tgt Ion:119 Resp: 195981

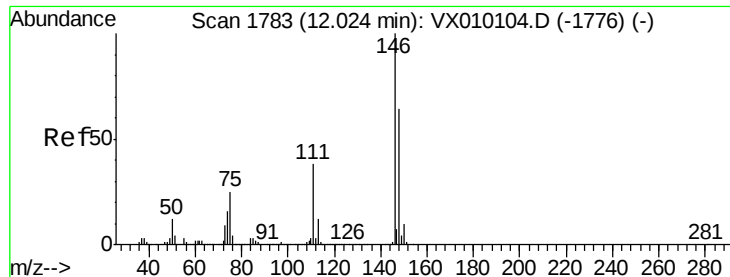
Ion Ratio Lower Upper

119 100

134 27.4 12.9 38.6

91 22.1 11.9 35.9





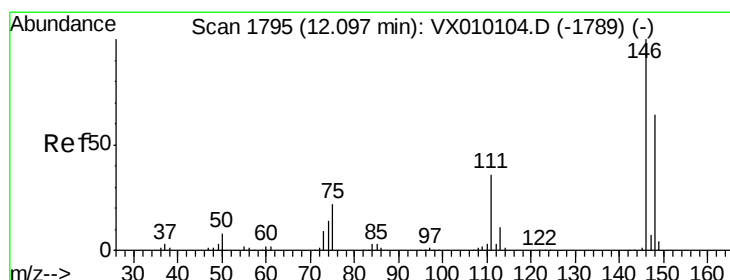
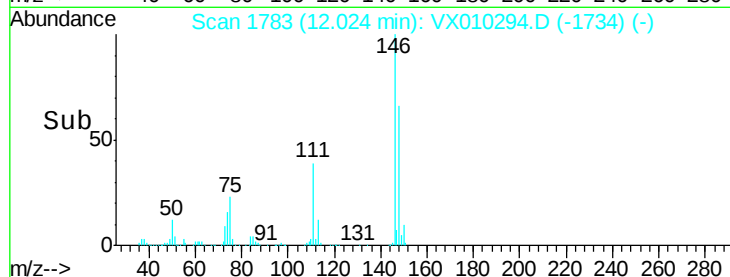
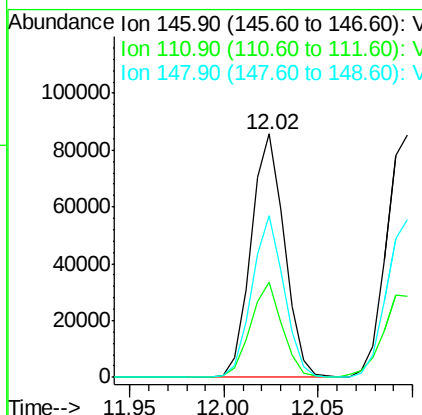
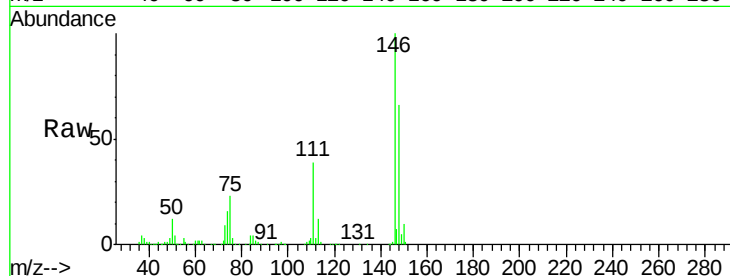
#87
 1,3-Dichlorobenzene
 Concen: 16.019 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.1	60.2
148	64.0	31.9	95.5

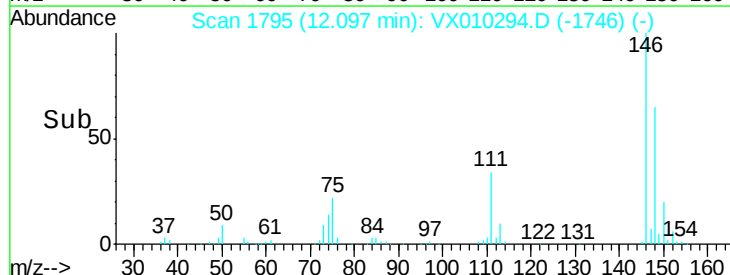
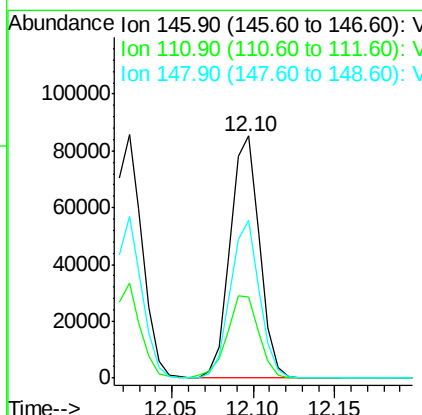
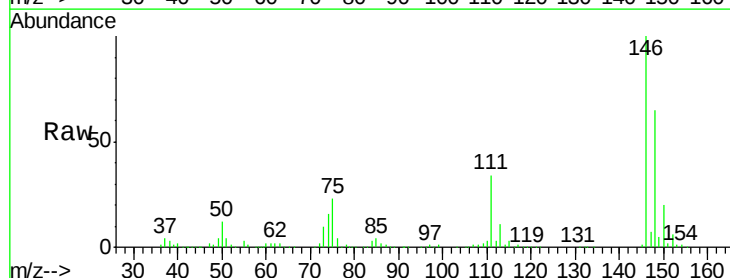
Manual Integrations
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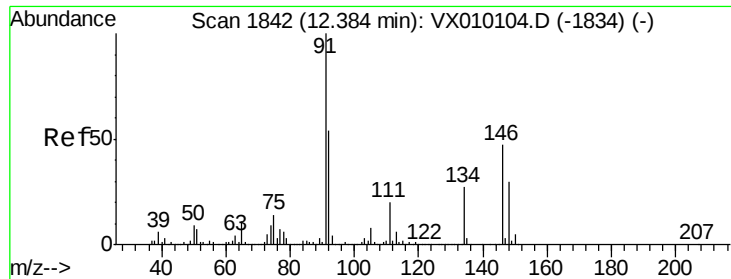
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#88
 1,4-Dichlorobenzene
 Concen: 16.156 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	20.0	59.9
148	64.4	32.3	96.9





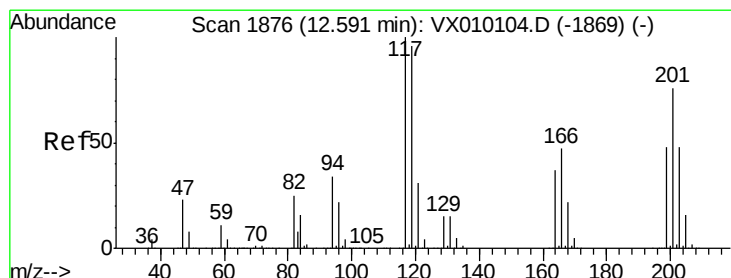
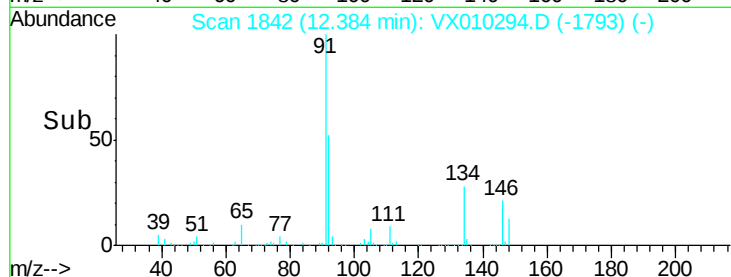
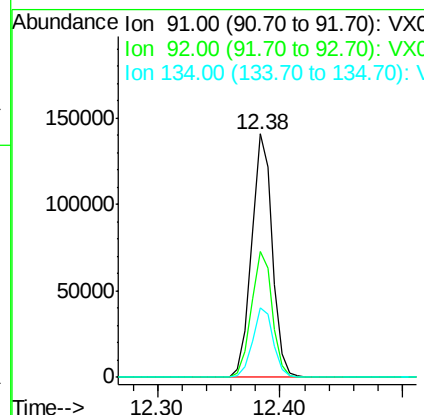
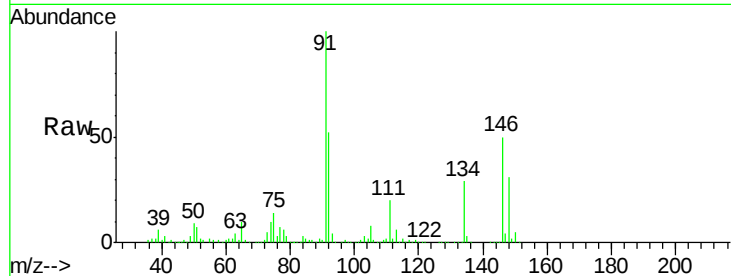
#89
n-Butylbenzene
Concen: 15.583 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0614MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.8
134	28.8	12.3	36.8

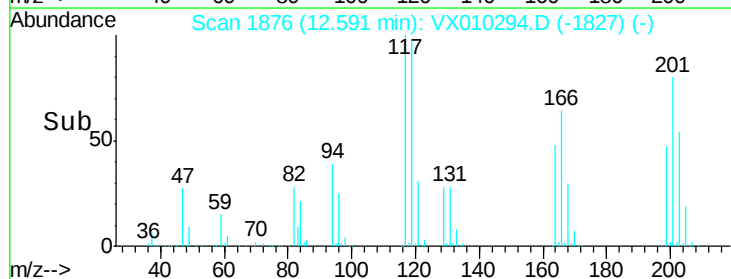
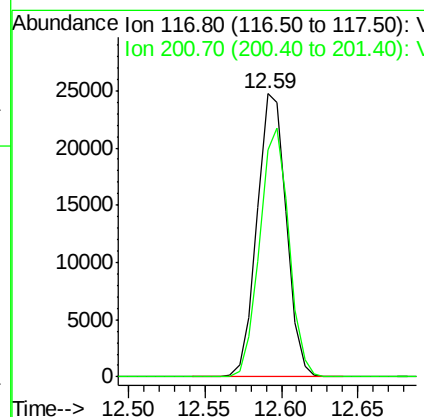
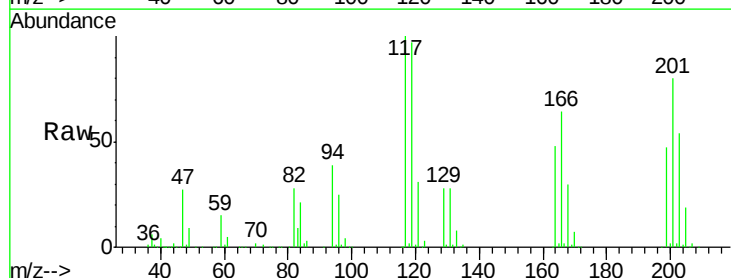
Manual Integrations
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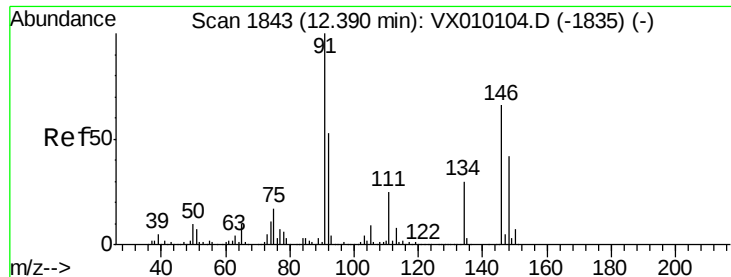
MMDadoda
6/17/2019 10:36:02 AM



#90
Hexachloroethane
Concen: 13.513 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010294.D
Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 16.727 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

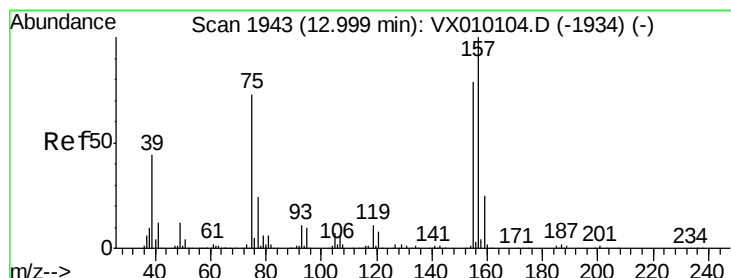
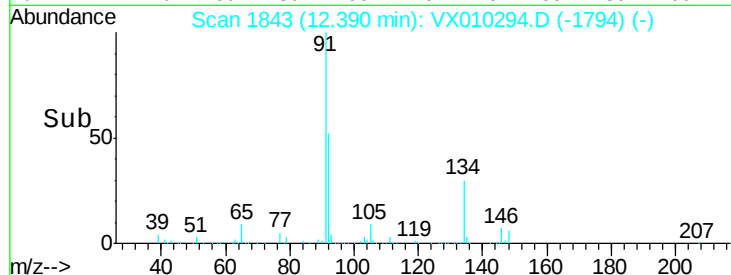
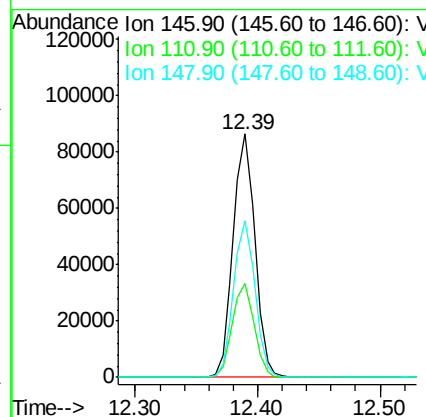
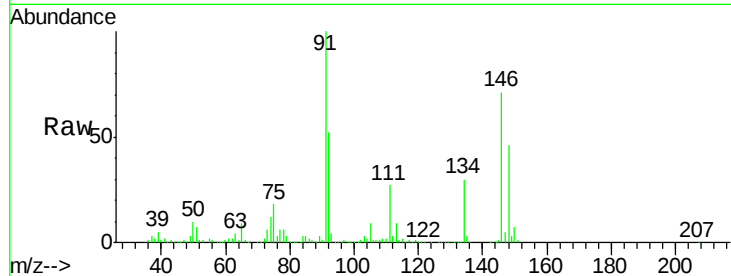
ClientSampleId :

VX0614MBS01

Tot Ion:	146	Resp:	106574
Ion Ratio	Lower	Upper	
146	100		
111	38.5	21.1	63.1
148	63.4	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 13.984 ug/l

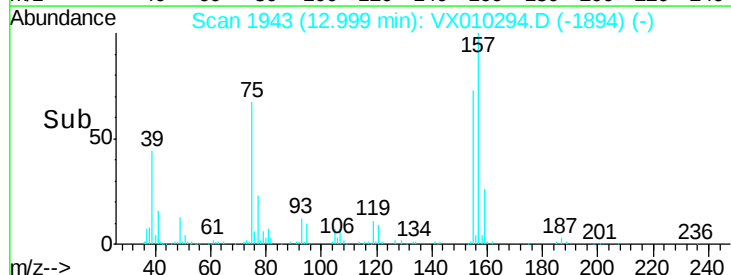
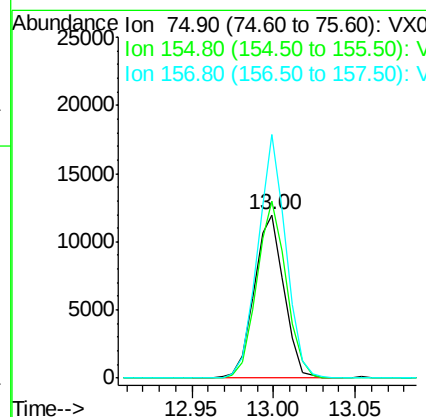
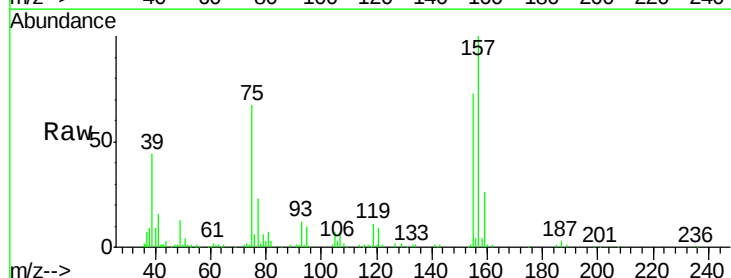
RT: 13.00 min Scan# 1943

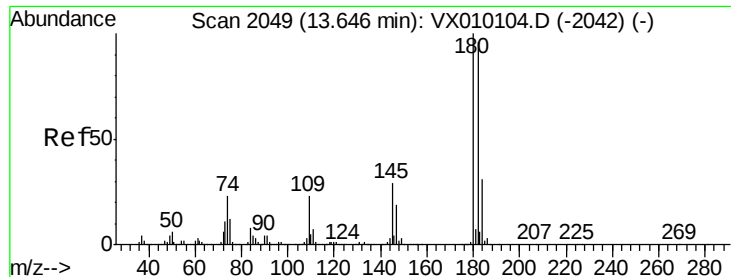
Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	75	Resp:	15240
Ion Ratio	Lower	Upper	
75	100		
155	106.8	39.3	117.8
157	139.9	50.6	151.8





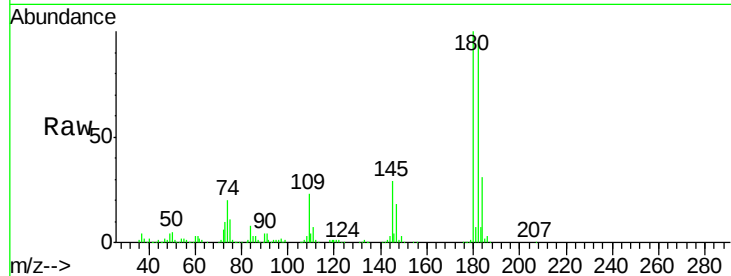
#93
 1,2,4-Trichlorobenzene
 Concen: 15.593 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.2
145	30.0	14.5	43.5

Manual Integrations
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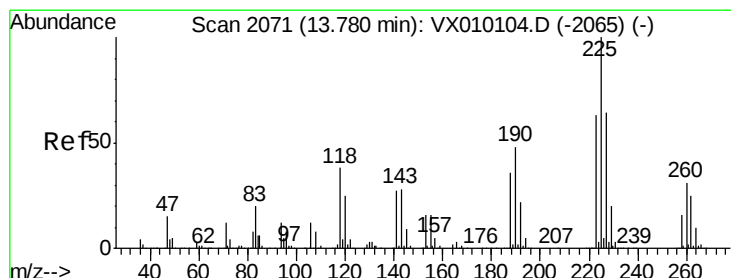
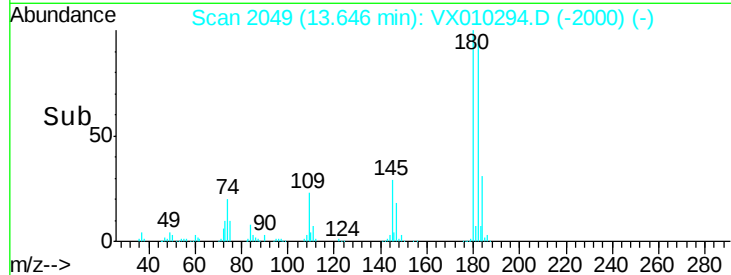
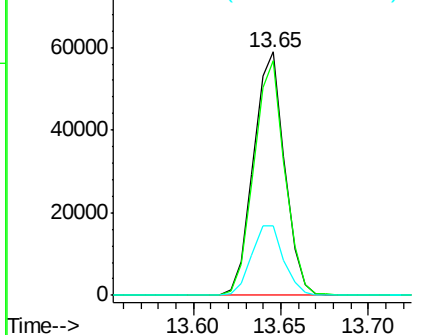


Abundance

Ion 179.80 (179.50 to 180.50): V

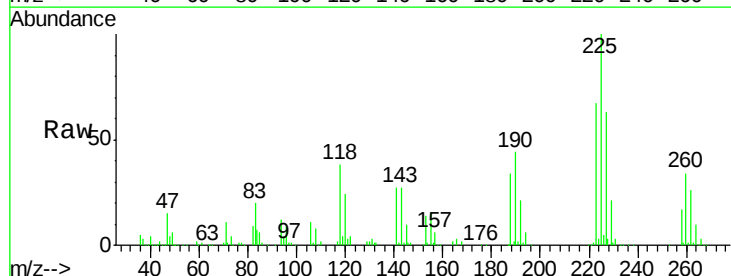
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.096 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010294.D
 Acq: 14 Jun 2019 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	62.9	32.3	96.8

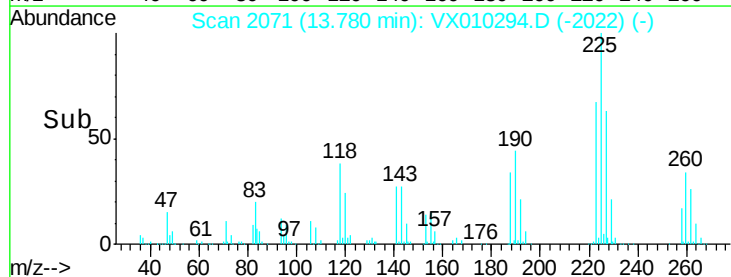
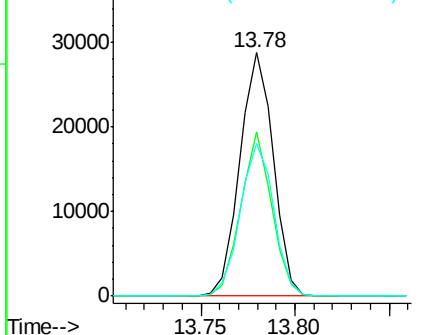


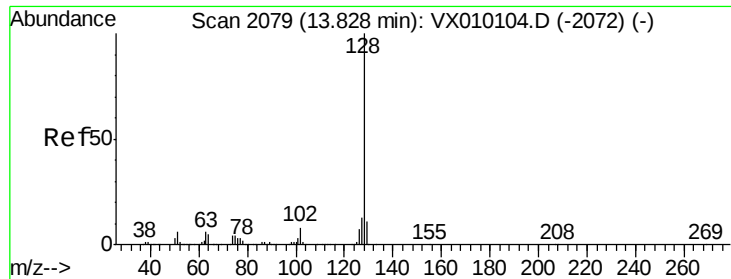
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.076 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Instrument :

MSVOA_X

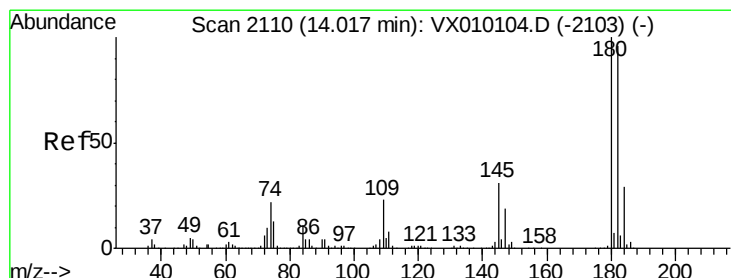
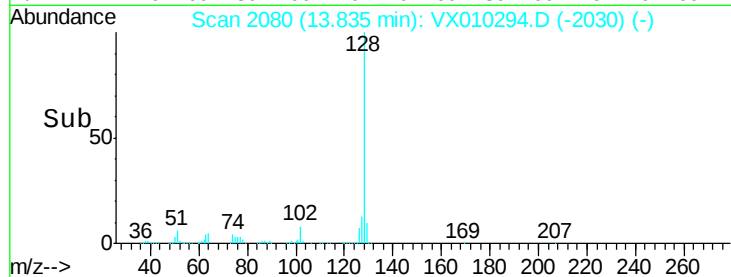
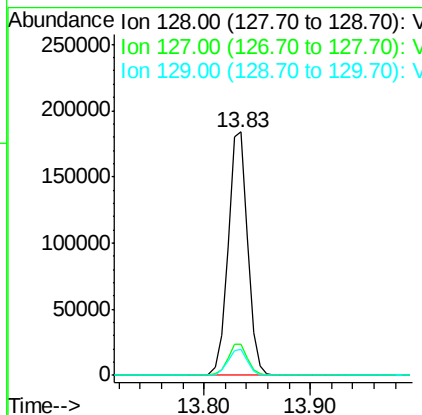
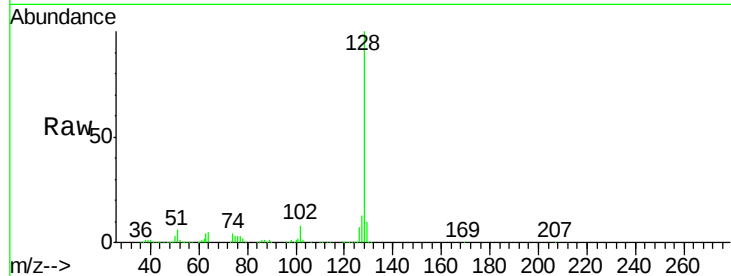
ClientSampleId :

VX0614MBS01

Tot Ion:	128	Resp:	236015
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 16.223 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010294.D

Acq: 14 Jun 2019 12:46

Tgt Ion:	180	Resp:	74808
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.3	142.0
145	30.4	15.6	46.7

