

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010054.D
 Acq On : 04 Jun 2019 12:02
 Operator : JC/SP
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:26:33 AM

Quant Time: Jun 05 07:33:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	168096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110449	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	5.49	113	79652	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	328231	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	119054	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	41527	20.217	ug/l	99
3) Chloromethane	1.32	50	46066	16.682	ug/l	99
4) Vinyl Chloride	1.41	62	41924	16.841	ug/l	100
5) Bromomethane	1.64	94	23622	15.662	ug/l	98
6) Chloroethane	1.72	64	25029	16.333	ug/l	99
7) Trichlorofluoromethane	1.93	101	49727	18.077	ug/l	97
8) Diethyl Ether	2.19	74	21367	16.529	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31073	18.709	ug/l	96
10) Methyl Iodide	2.51	142	31032	18.341	ug/l	99
11) Tert butyl alcohol	3.04	59	51317	87.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31062	18.246	ug/l	97
13) Acrolein	2.29	56	29268	85.793	ug/l	99
14) Allyl chloride	2.73	41	72908	17.621	ug/l	99
15) Acrylonitrile	3.14	53	121898	86.575	ug/l	100
16) Acetone	2.44	43	121782	88.767	ug/l	100
17) Carbon Disulfide	2.57	76	86602	17.056	ug/l	99
18) Methyl Acetate	2.77	43	56812	17.797	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	116769	18.168	ug/l	99
20) Methylene Chloride	2.85	84	37121	17.669	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33507	17.690	ug/l	99
22) Diisopropyl ether	3.85	45	143090	18.176	ug/l	90
23) Vinyl Acetate	3.81	43	623537	88.166	ug/l	99
24) 1,1-Dichloroethane	3.70	63	68477	17.949	ug/l	100
25) 2-Butanone	4.67	43	185291	86.688	ug/l	99
26) 2,2-Dichloropropane	4.58	77	51523	17.853	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	37914	17.340	ug/l	99
28) Bromochloromethane	5.01	49	33749	17.047	ug/l	97
29) Tetrahydrofuran	5.12	42	119352	87.076	ug/l	99
30) Chloroform	5.21	83	63317	18.402	ug/l	98
31) Cyclohexane	5.57	56	67068	18.561	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	53061	18.936	ug/l	99
36) 1,1-Dichloropropene	5.80	75	48123	18.314	ug/l	99
37) Ethyl Acetate	4.83	43	67370	18.400	ug/l	98
38) Carbon Tetrachloride	5.79	117	44936	19.790	ug/l	93

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61395	19.697	ug/l	94
40) Benzene	6.14	78	148791	19.088	ug/l	98
41) Methacrylonitrile	5.03	41	38295	17.899	ug/l	99
42) 1,2-Dichloroethane	6.19	62	54678	18.974	ug/l	99
43) Isopropyl Acetate	6.44	43	106863	18.089	ug/l	98
44) Trichloroethene	7.21	130	35890	18.955	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41872	18.660	ug/l	97
46) Dibromomethane	7.66	93	24269	18.374	ug/l	99
47) Bromodichloromethane	7.90	83	48213	19.196	ug/l	97
48) Methyl methacrylate	7.77	41	53666	18.350	ug/l	99
49) 1,4-Dioxane	7.74	88	21039	386.750	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	354172	92.158	ug/l	100
52) Toluene	8.78	92	91889	19.415	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54864	18.214	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	61229	18.656	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	36113	18.958	ug/l	98
56) Ethyl methacrylate	9.18	69	65013	19.171	ug/l	99
57) 1,3-Dichloropropane	9.37	76	64330	18.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	171526	96.455	ug/l	99
59) 2-Hexanone	9.49	43	281201	95.039	ug/l	99
60) Dibromochloromethane	9.58	129	35587	18.992	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37243	19.031	ug/l	99
64) Tetrachloroethene	9.34	164	33401	20.180	ug/l	96
65) Chlorobenzene	10.13	112	94190	18.987	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	34408	19.998	ug/l	99
67) Ethyl Benzene	10.25	91	174342	19.574	ug/l	99
68) m/p-Xylenes	10.35	106	129027	39.212	ug/l	99
69) o-Xylene	10.69	106	61237	19.405	ug/l	99
70) Styrene	10.71	104	107754	19.472	ug/l	99
71) Bromoform	10.85	173	27270	19.390	ug/l #	98
73) Isopropylbenzene	11.02	105	168554	19.382	ug/l	100
74) N-amyl acetate	10.90	43	93632	18.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59932	18.473	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53393m	18.944	ug/l	
77) Bromobenzene	11.25	156	41451	18.703	ug/l	98
78) n-propylbenzene	11.36	91	193222	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	115547	18.867	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143631	19.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19734	17.323	ug/l	94
82) 4-Chlorotoluene	11.51	91	133159	18.677	ug/l	99
83) tert-Butylbenzene	11.77	119	137335	19.594	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143957	19.348	ug/l	99
85) sec-Butylbenzene	11.94	105	164292	19.703	ug/l	100
86) p-Isopropyltoluene	12.06	119	152414	20.321	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74968	19.000	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75470	18.755	ug/l	99
89) n-Butylbenzene	12.38	91	137207	19.466	ug/l	99
90) Hexachloroethane	12.60	117	24856	19.311	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	75804	19.486	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14149	18.528	ug/l	96

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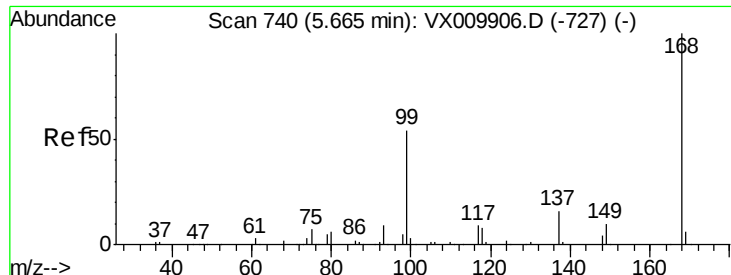
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55108	19.823	ug/l	99
94) Hexachlorobutadiene	13.78	225	28031	20.103	ug/l	100
95) Naphthalene	13.83	128	169890	19.638	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54804	19.695	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion:168 Resp: 168096

Ion Ratio Lower Upper

168 100

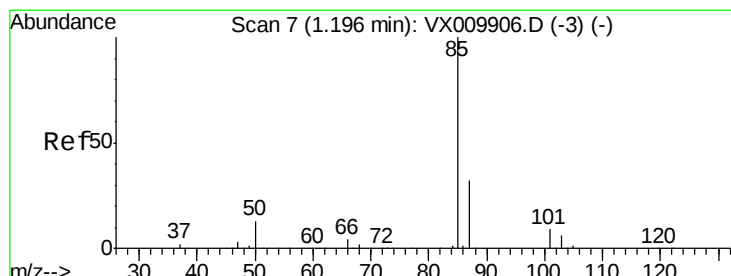
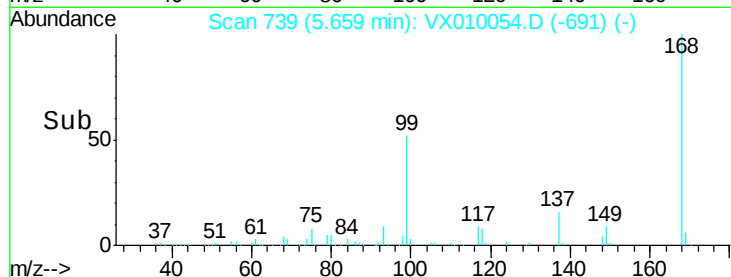
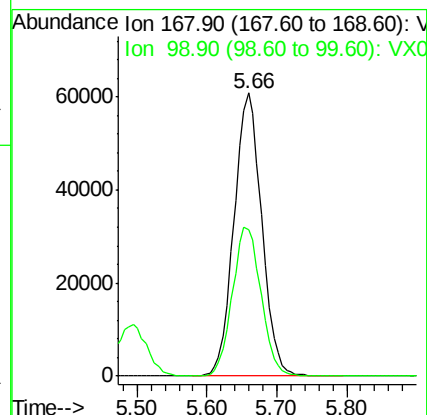
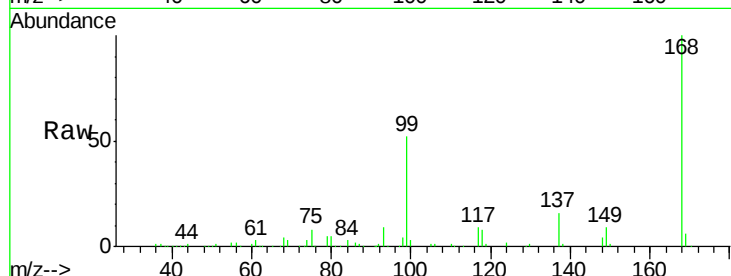
99 51.4 43.0 64.6

Manual Integrations

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6/5/2019 9:26:33 AM



#2

Dichlorodifluoromethane

Concen: 20.217 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010054.D

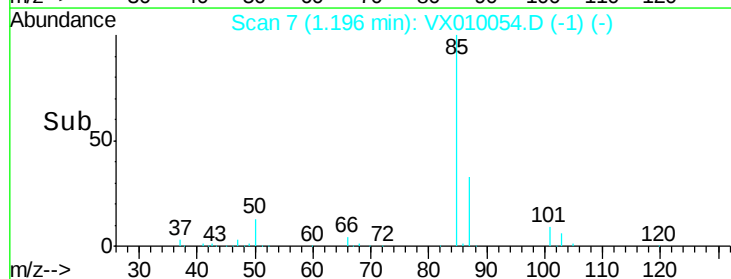
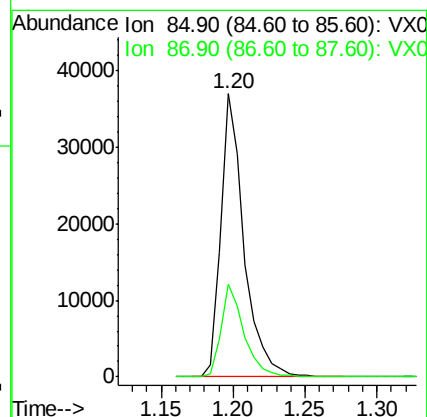
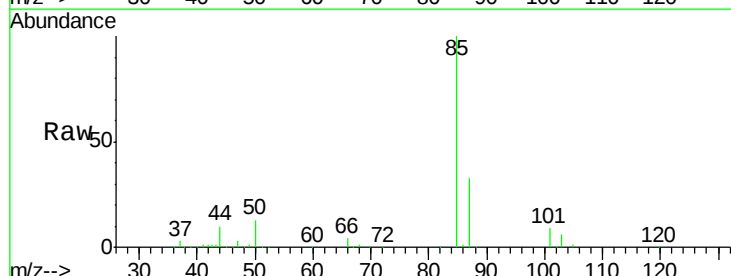
Acq: 04 Jun 2019 12:02

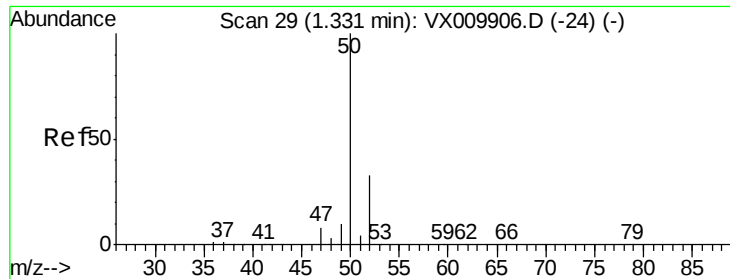
Tgt Ion: 85 Resp: 41527

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2





#3

Chloromethane

Concen: 16.682 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 50 Resp: 46066

Ion Ratio Lower Upper

50 100

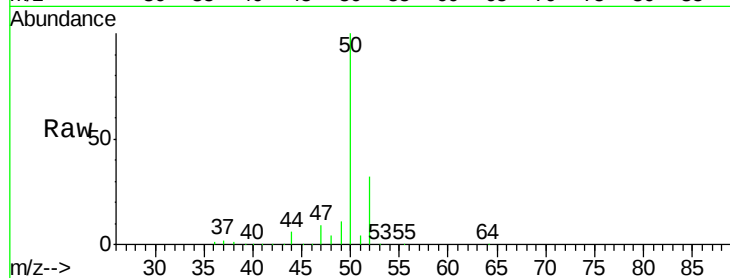
52 32.0 26.0 39.0

Manual Integrations

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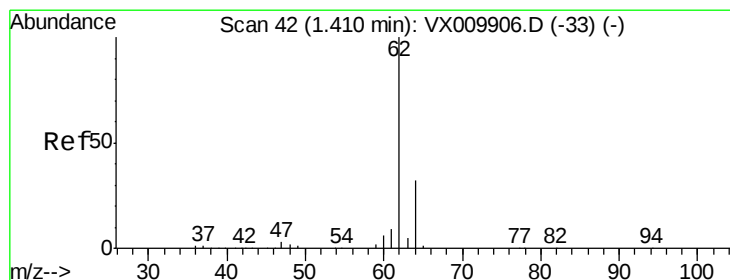
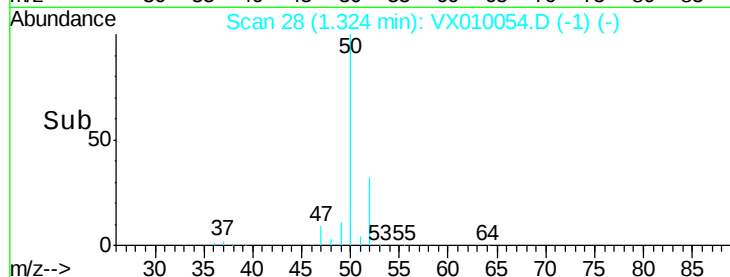
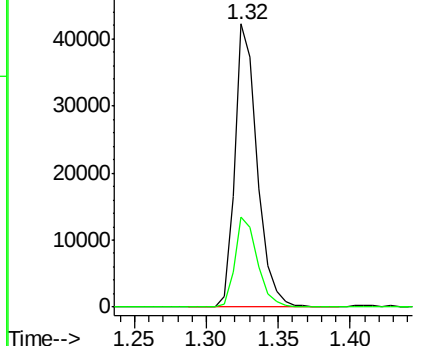
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.841 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010054.D

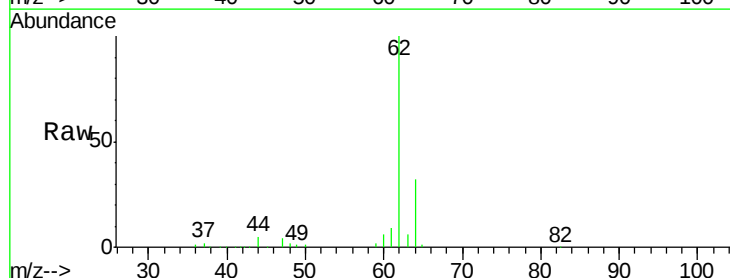
Acq: 04 Jun 2019 12:02

Tgt Ion: 62 Resp: 41924

Ion Ratio Lower Upper

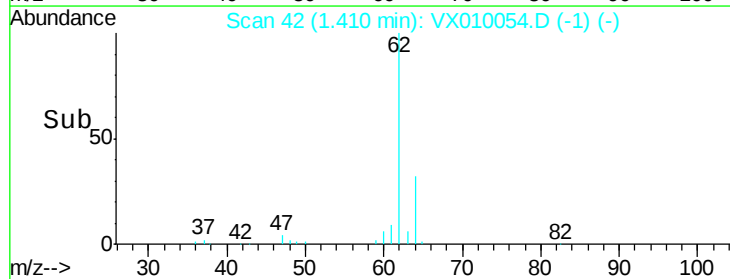
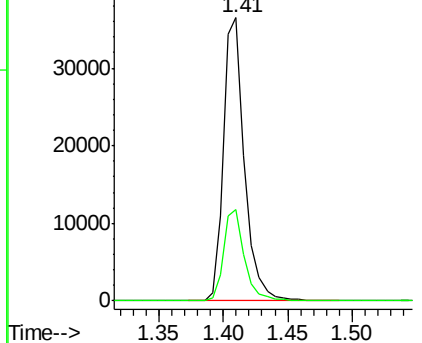
62 100

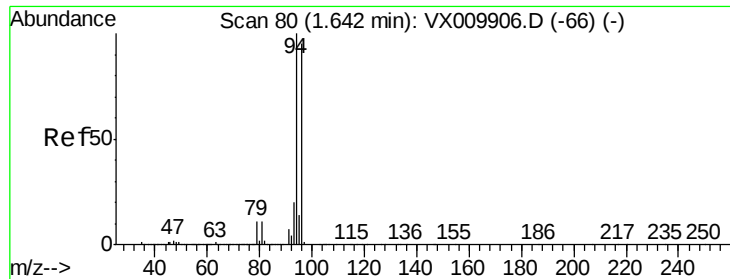
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.662 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 94 Resp: 23622

Ion Ratio Lower Upper

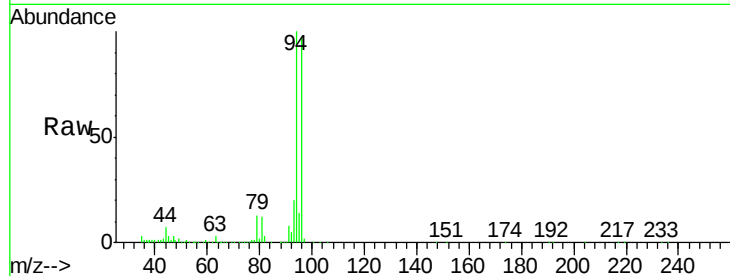
94 100

96 97.2 76.2 114.4

Manual Integrations
APPROVED

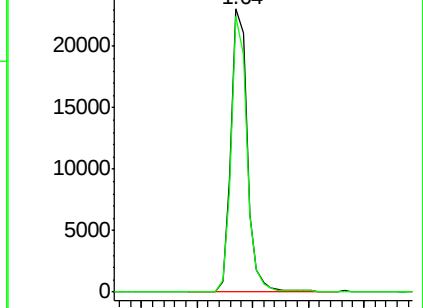
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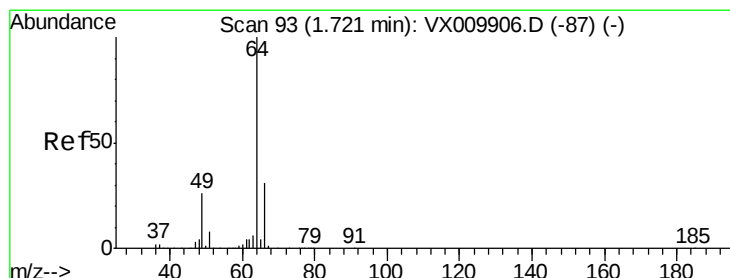
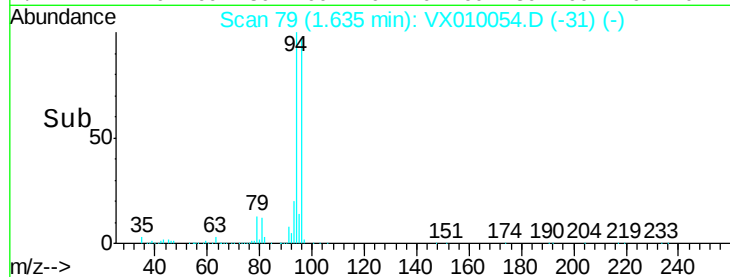


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 16.333 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010054.D

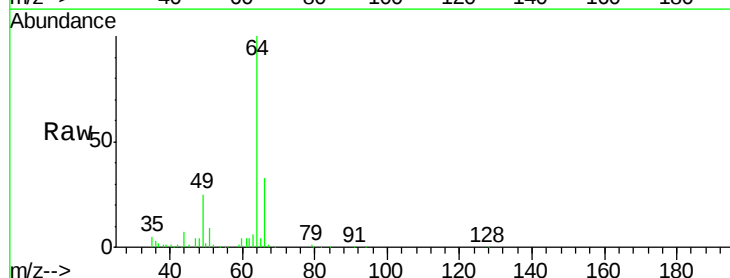
Acq: 04 Jun 2019 12:02

Tgt Ion: 64 Resp: 25029

Ion Ratio Lower Upper

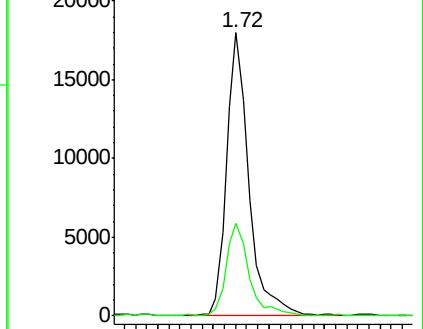
64 100

66 32.1 25.1 37.7

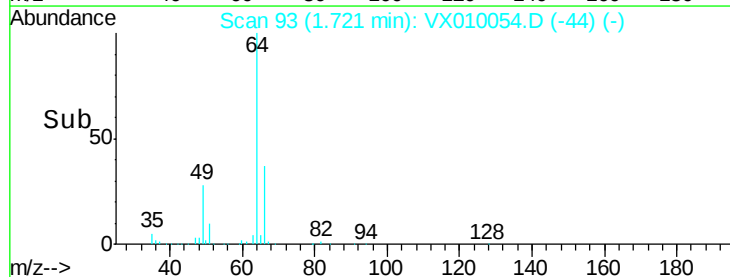


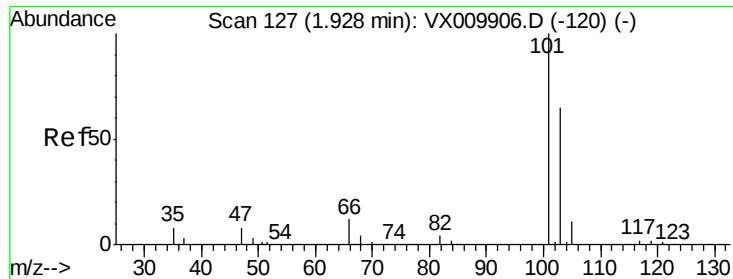
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

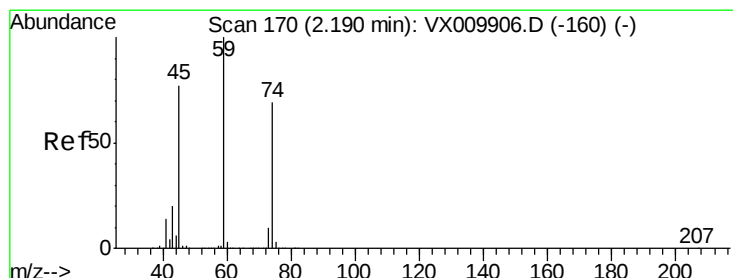
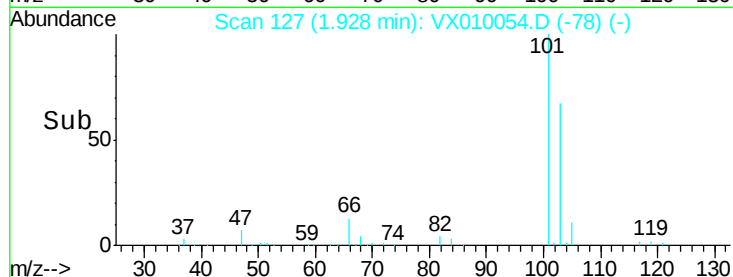
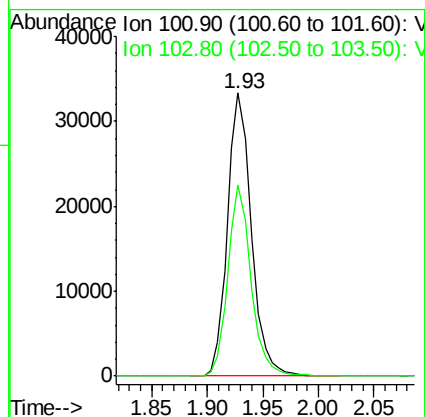
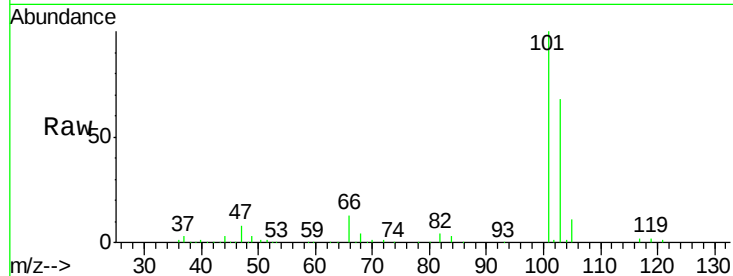
Trichlorofluoromethane
Concen: 18.077 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion:101 Resp: 49727
Ion Ratio Lower Upper
101 100
103 67.6 52.2 78.4

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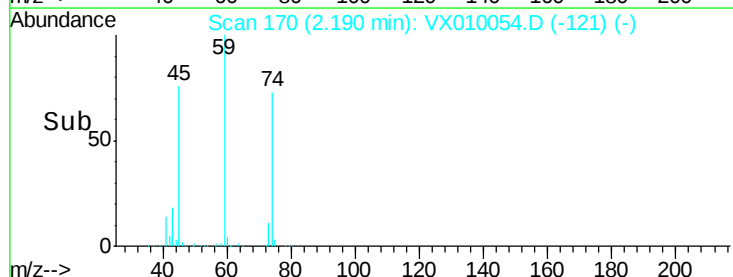
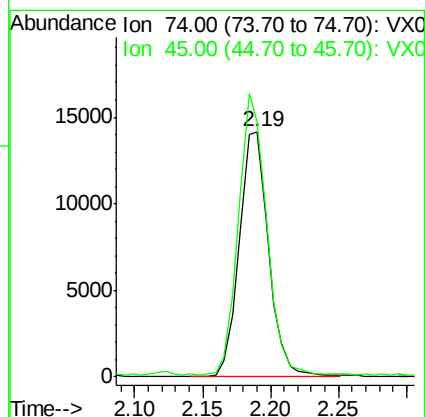
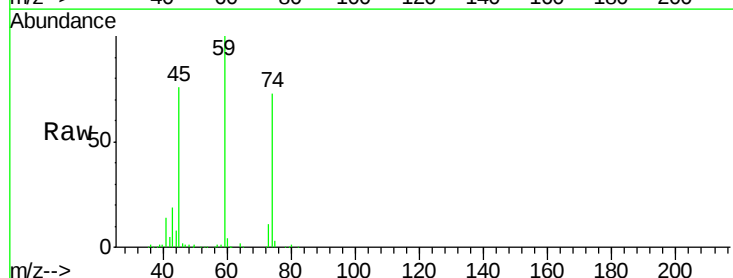
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6/5/2019 9:26:33 AM

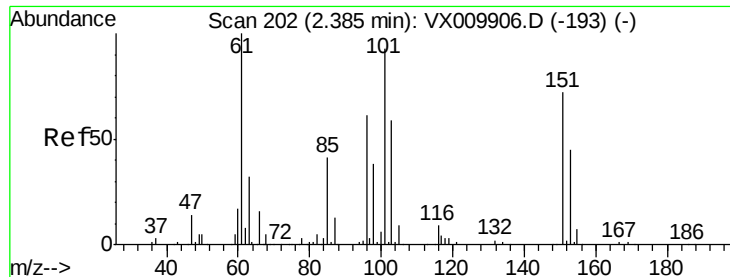


#8

Diethyl Ether
Concen: 16.529 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 74 Resp: 21367
Ion Ratio Lower Upper
74 100
45 110.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.709 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

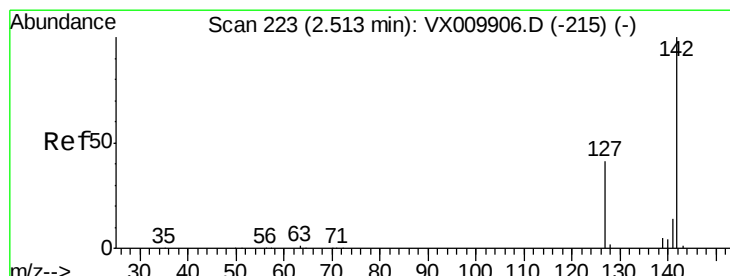
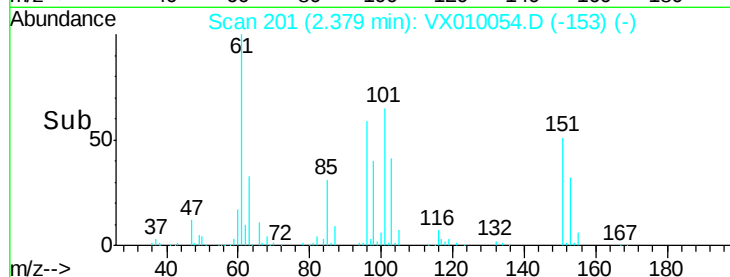
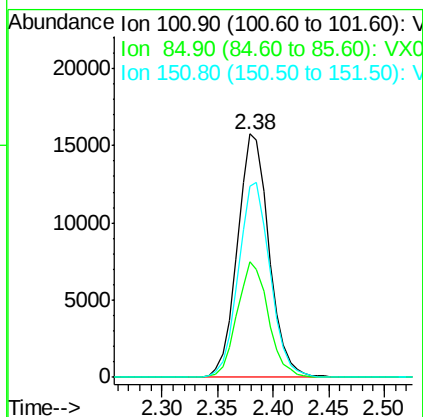
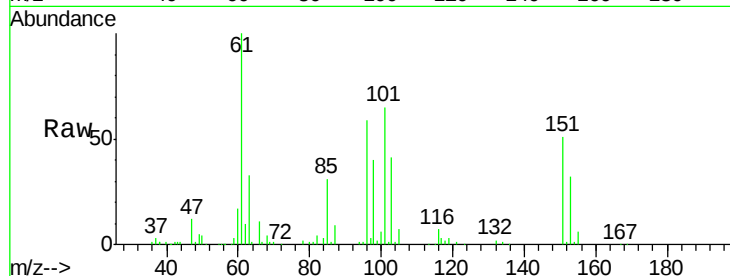
ClientSampled :

VX0604WBS01

Tot Ion:	101	Resp:	31073
Ion Ratio	Lower	Upper	
101	100		
85	46.6	35.2	52.8
151	80.6	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.341 ug/l

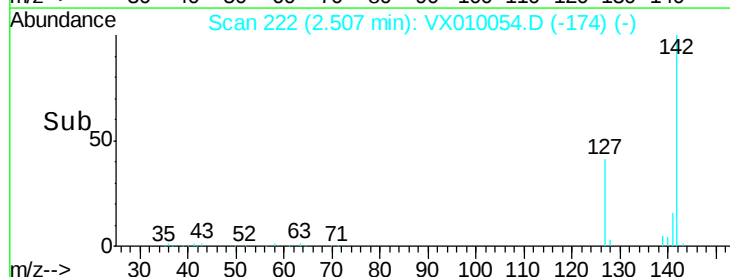
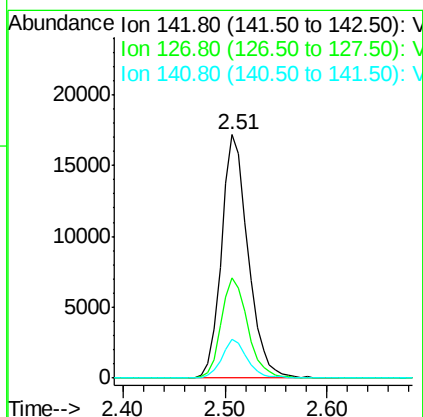
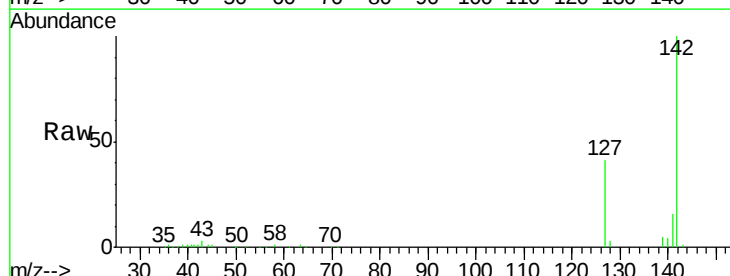
RT: 2.51 min Scan# 222

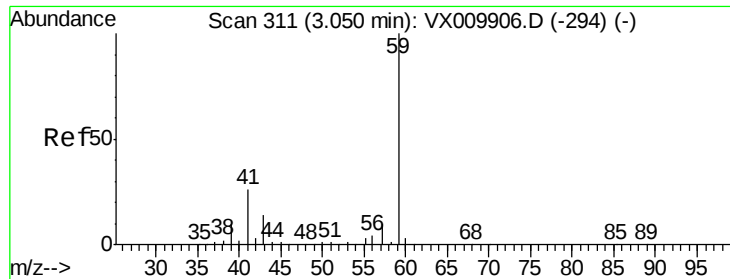
Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion:	142	Resp:	31032
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.0	49.4
141	15.3	11.4	17.0





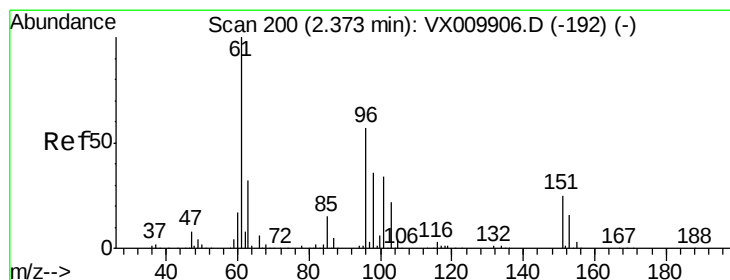
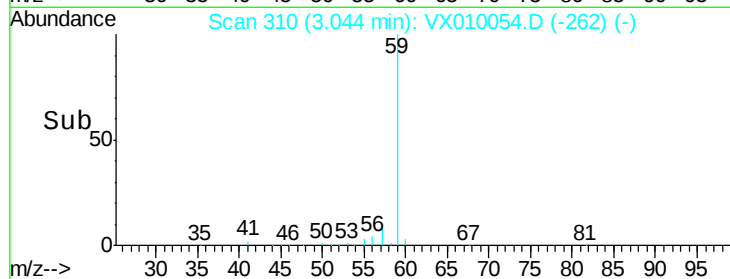
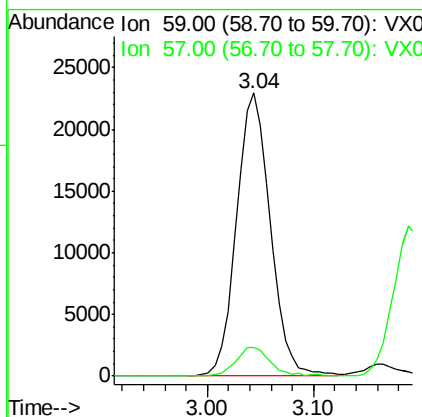
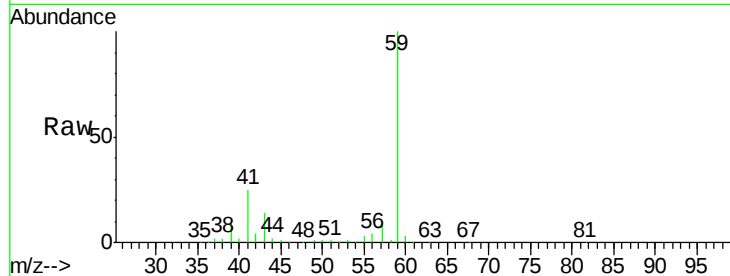
#11
Tert butyl alcohol
Concen: 87.817 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion: 59 Resp: 51317
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

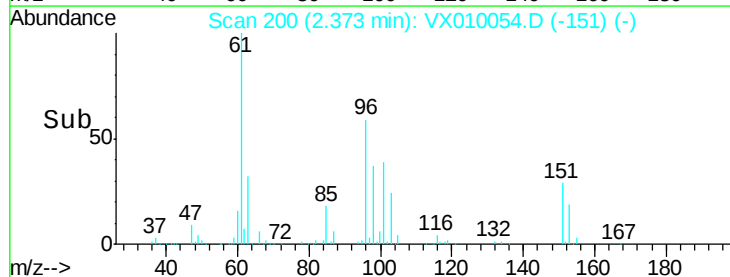
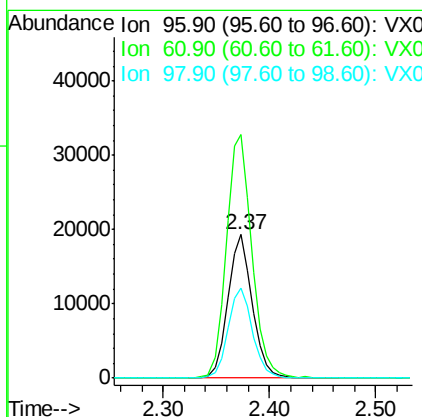
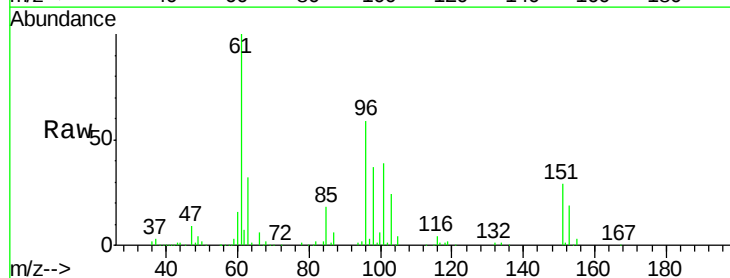
Manual Integrations
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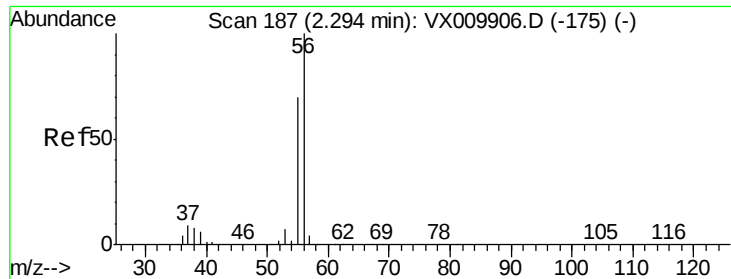
MMDadoda
6/5/2019 9:26:33 AM



#12
1,1-Dichloroethene
Concen: 18.246 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 96 Resp: 31062
Ion Ratio Lower Upper
96 100
61 169.9 140.7 211.1
98 63.2 50.1 75.1





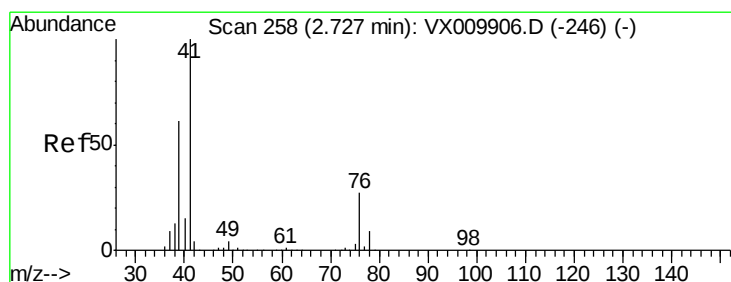
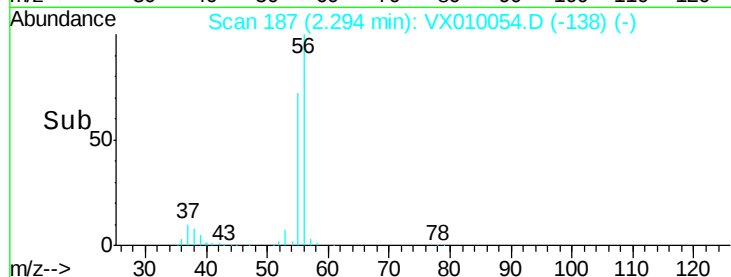
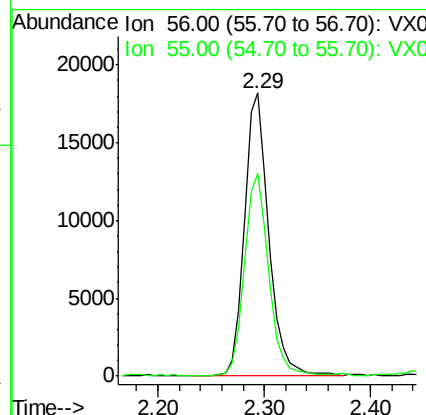
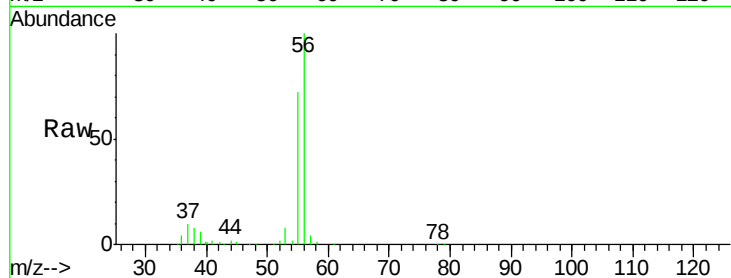
#13
Acrolein
Concen: 85.793 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.4	57.0	85.4	

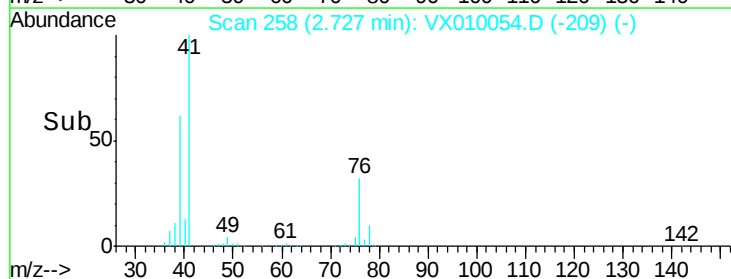
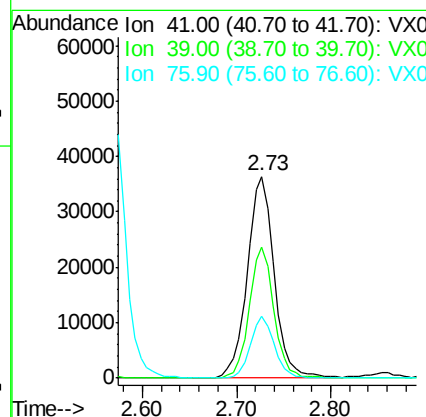
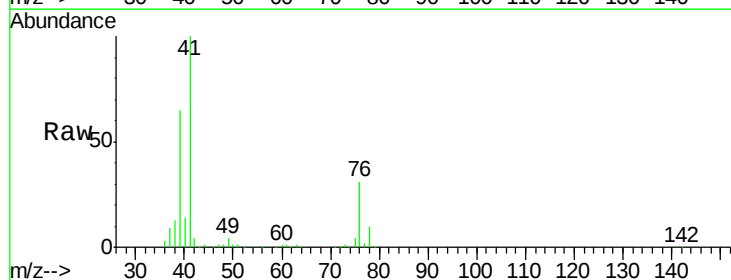
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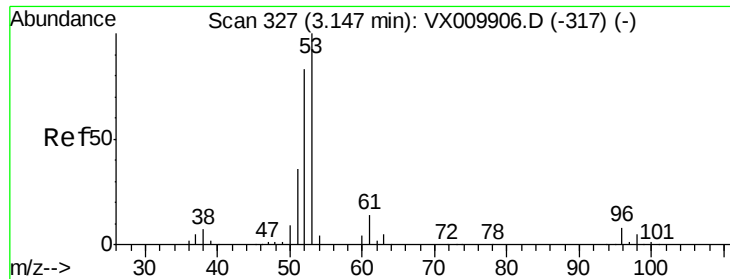
MMDadoda
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#14
Allyl chloride
Concen: 17.621 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.8	46.7	70.1	
76	27.3	21.0	31.4	





#15

Acrylonitrile

Concen: 86.575 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

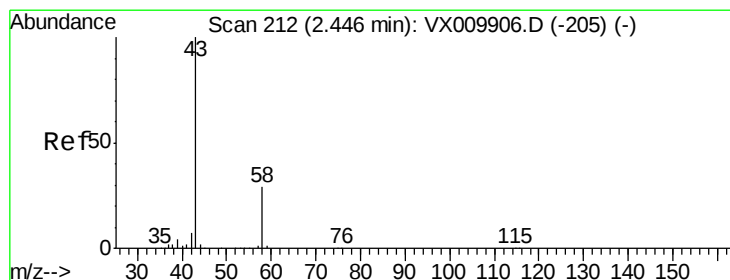
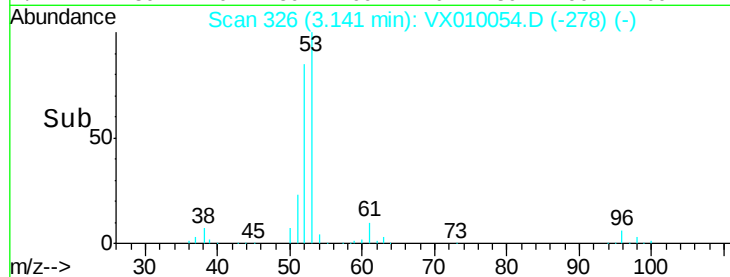
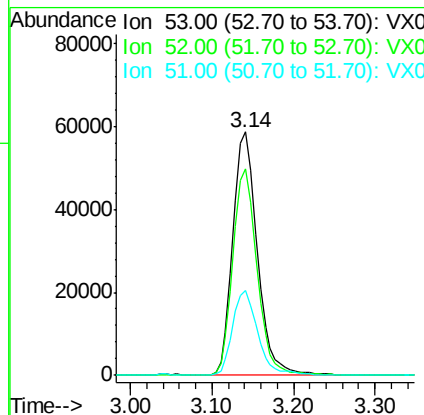
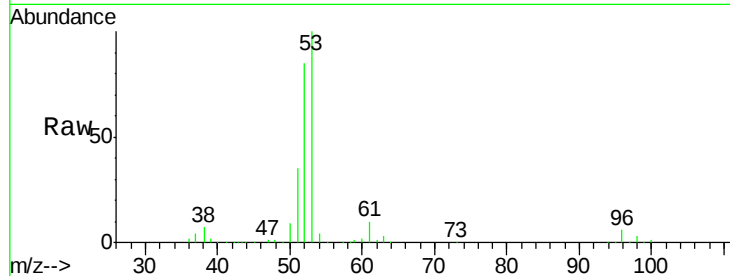
ClientSampleId :

VX0604WBS01

Tot Ion:	53	Resp:	121898
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.7	100.1
51	35.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 88.767 ug/l

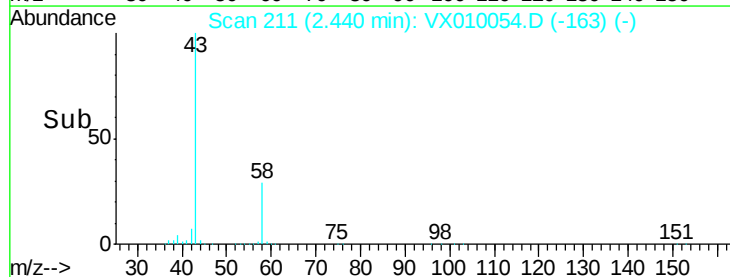
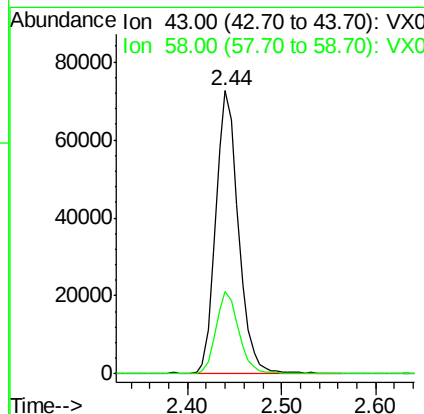
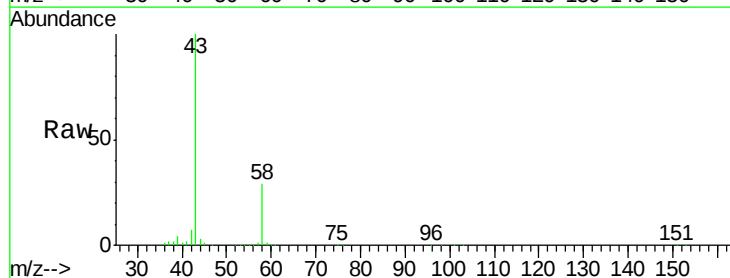
RT: 2.44 min Scan# 211

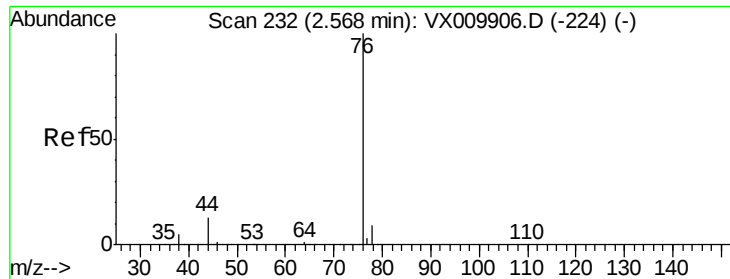
Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion:	43	Resp:	121782
Ion Ratio	Lower	Upper	
43	100		
58	29.0	23.2	34.8





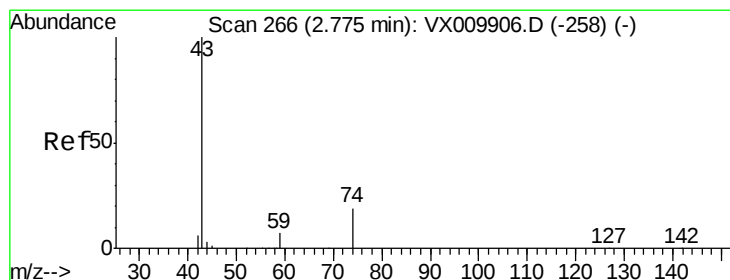
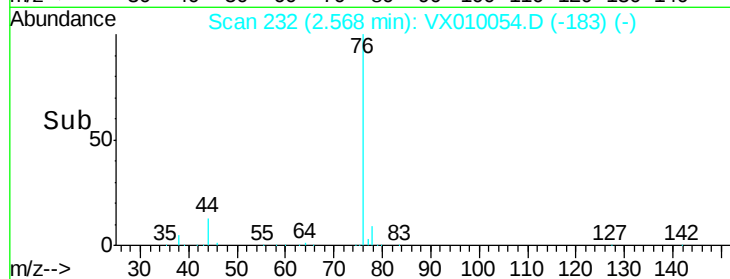
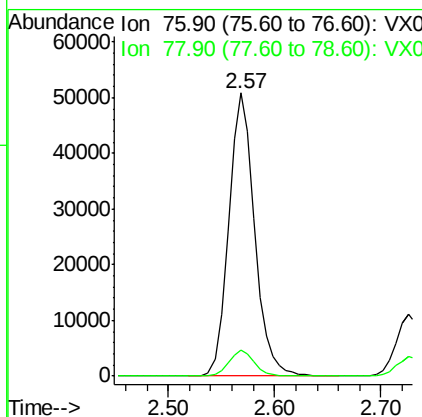
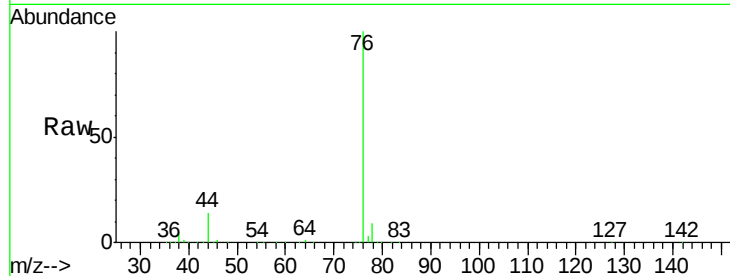
#17
Carbon Disulfide
Concen: 17.056 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion: 76 Resp: 86602
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

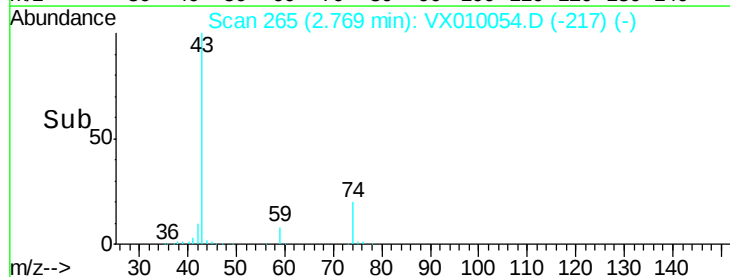
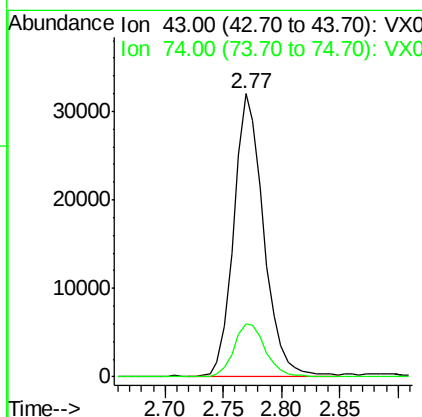
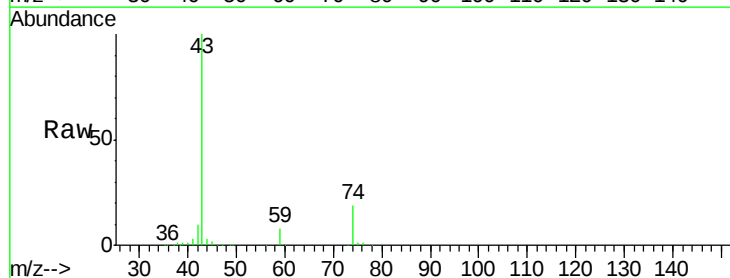
Manual Integrations
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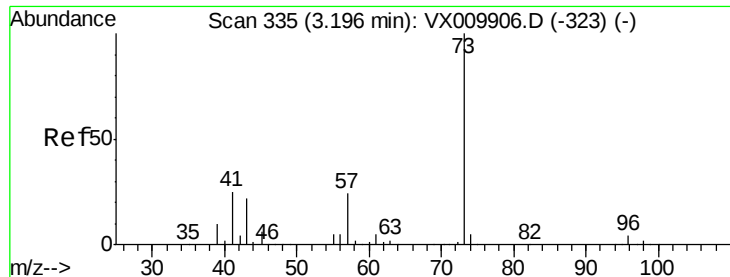
MMDadoda
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#18
Methyl Acetate
Concen: 17.797 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 43 Resp: 56812
Ion Ratio Lower Upper
43 100
74 20.3 15.8 23.6





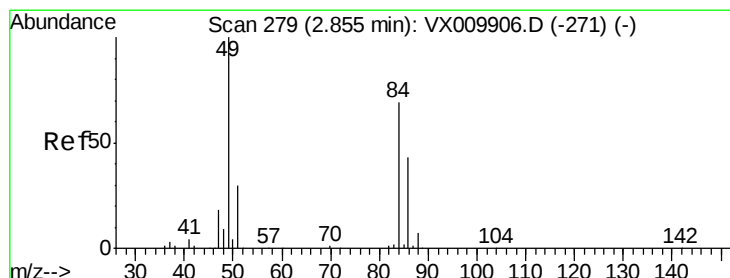
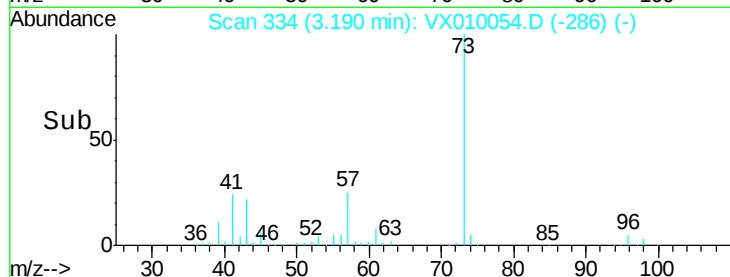
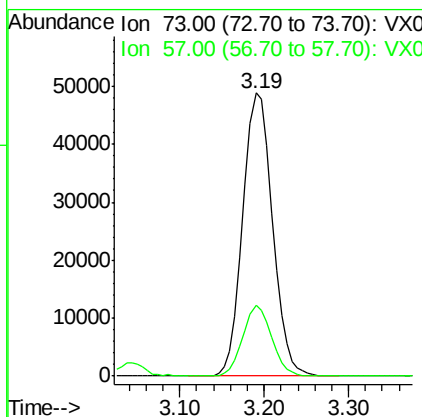
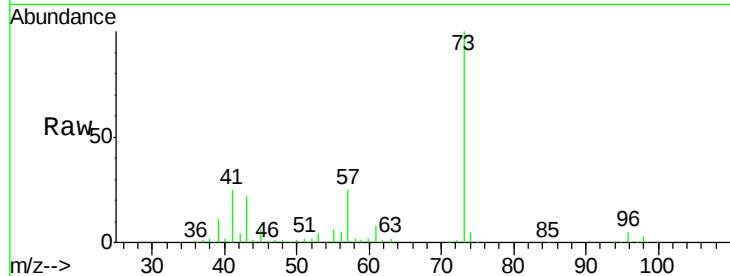
#19
Methvl tert-butvl Ether
Concen: 18.168 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion: 73 Resp: 116769
Ion Ratio Lower Upper
73 100
57 25.0 19.4 29.2

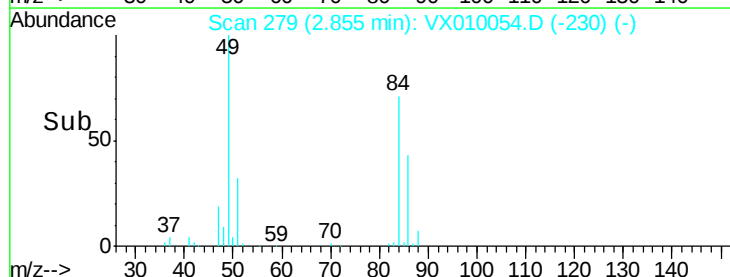
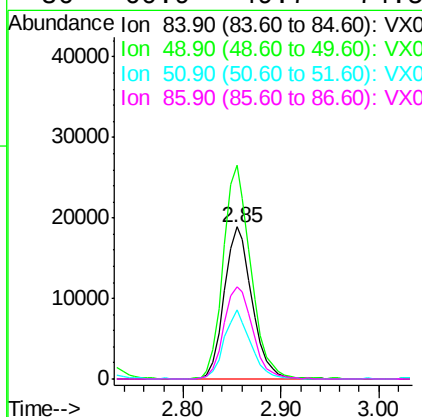
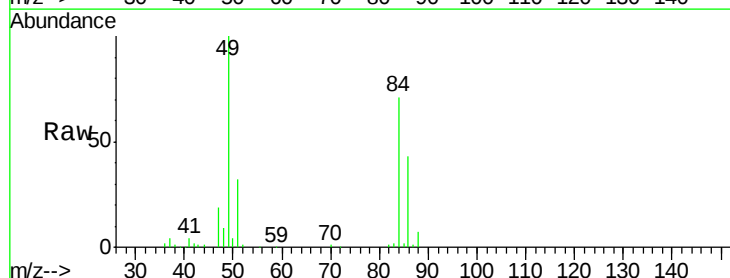
Manual Integrations
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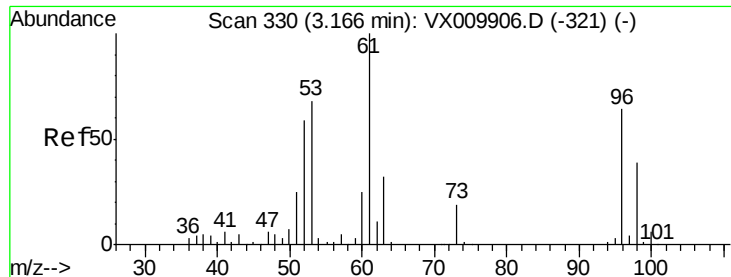
MMDadoda
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#20
Methylene Chloride
Concen: 17.669 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 84 Resp: 37121
Ion Ratio Lower Upper
84 100
49 140.3 115.8 173.6
51 45.2 34.4 51.6
86 60.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 17.690 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

Tot Ion: 96 Resp: 33507

Ion Ratio Lower Upper

96 100

61 156.4 125.7 188.5

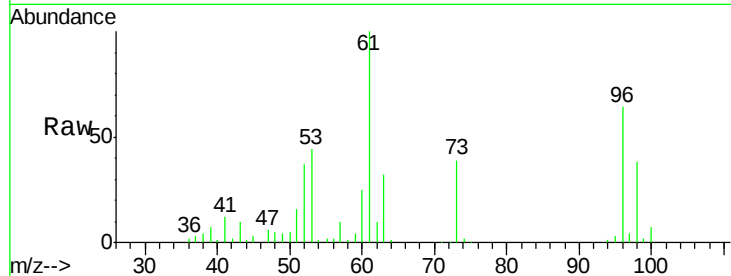
98 58.7 49.0 73.6

Manual Integrations

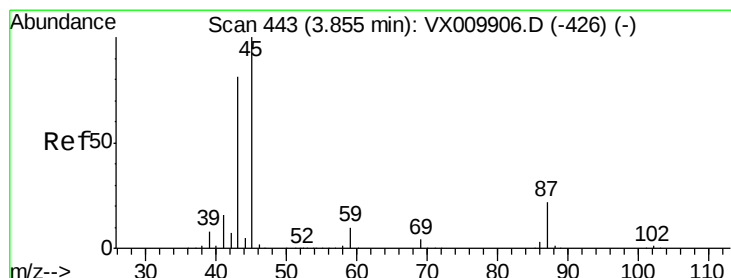
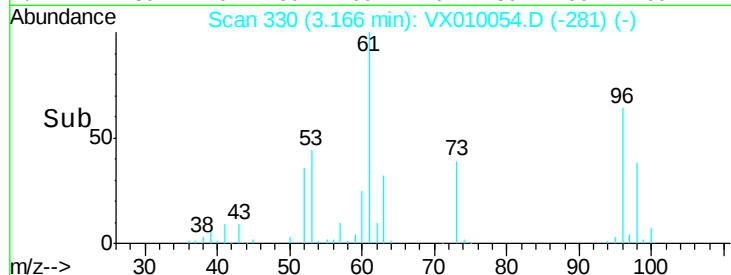
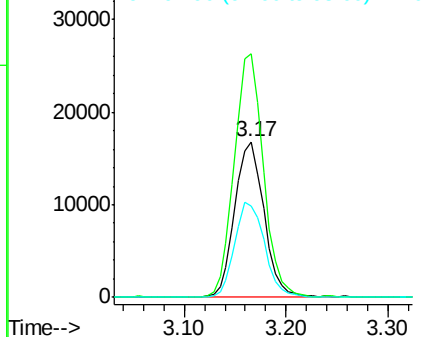
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.176 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion: 45 Resp: 143090

Ion Ratio Lower Upper

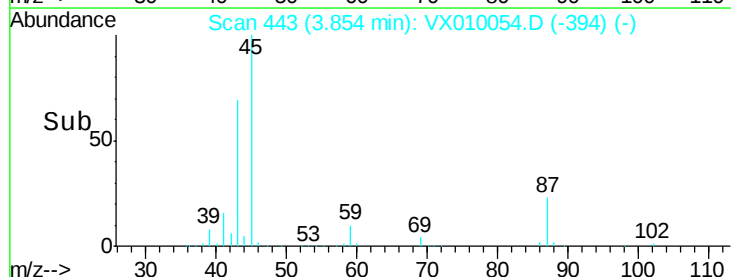
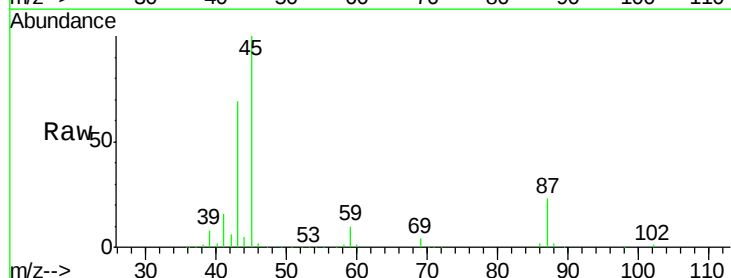
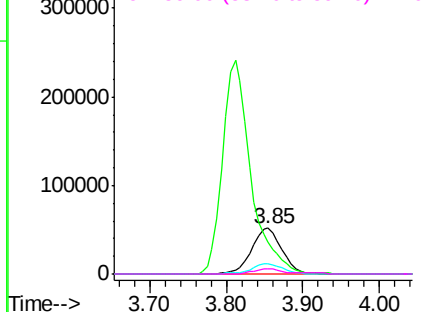
45 100

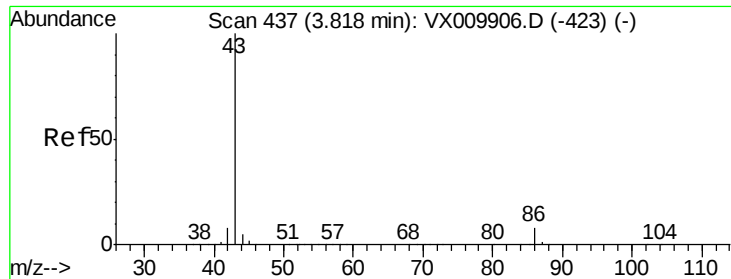
43 69.2 65.0 97.4

87 23.2 17.3 25.9

59 10.0 8.1 12.1

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 88.166 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 43 Resp: 623537

Ion Ratio Lower Upper

43 100

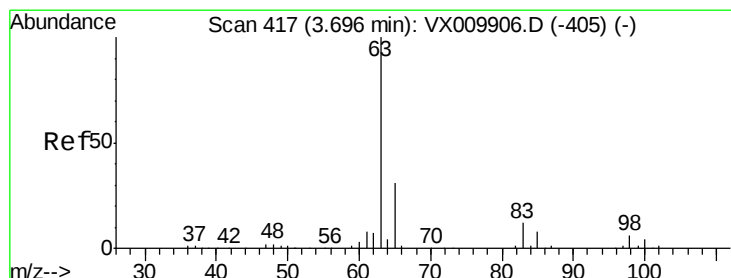
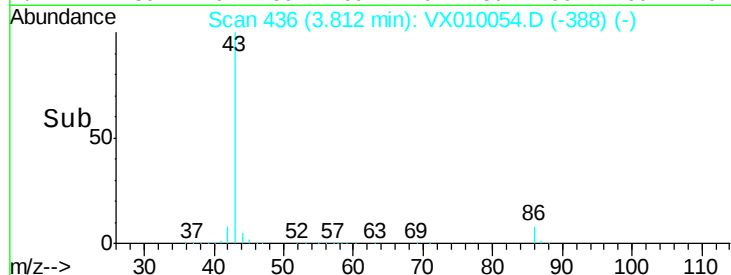
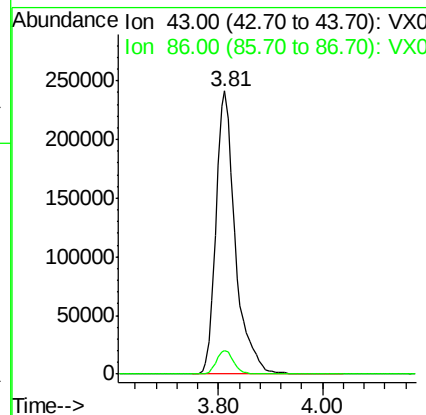
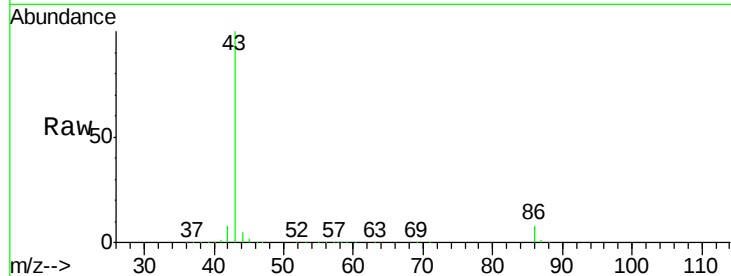
86 8.3 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 17.949 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

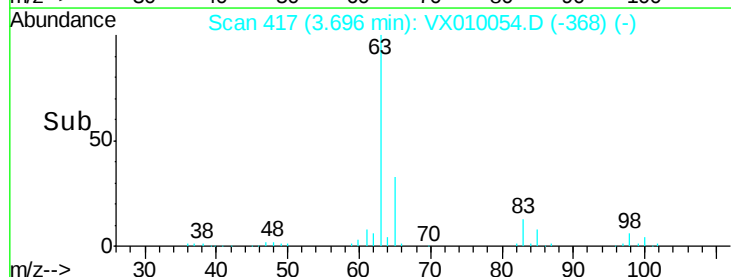
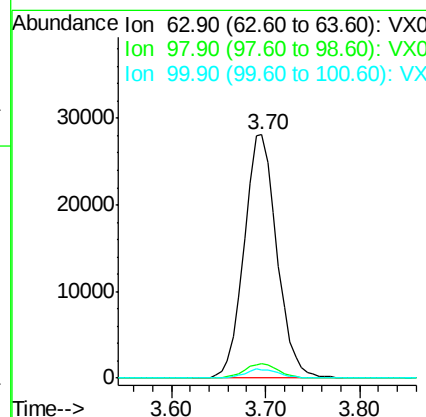
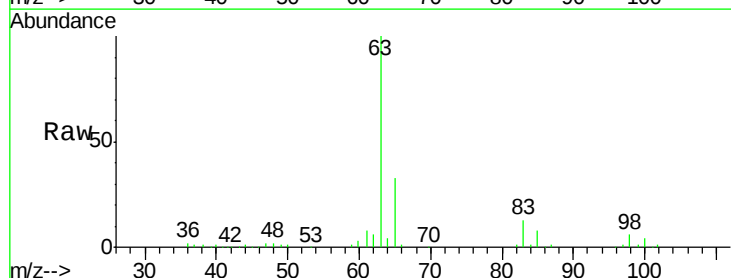
Tgt Ion: 63 Resp: 68477

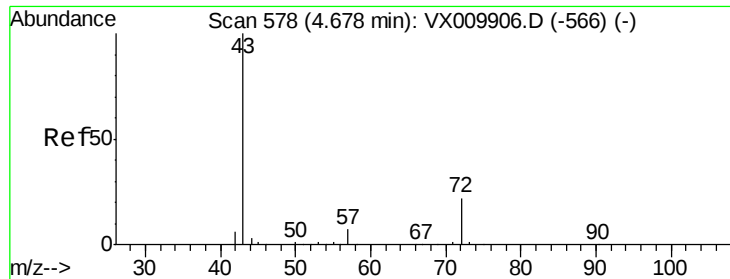
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.6 1.8 5.4





#25

2-Butanone

Concen: 86.688 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 43 Resp: 185291

Ion Ratio Lower Upper

43 100

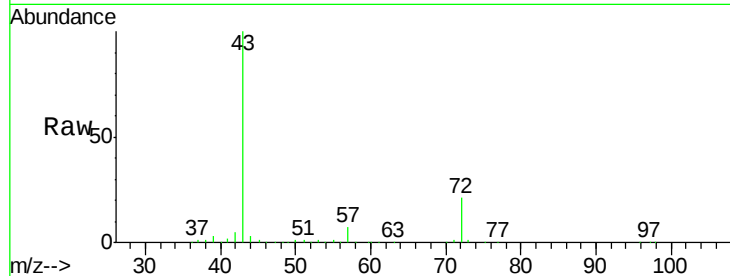
72 21.2 17.5 26.3

Manual Integrations

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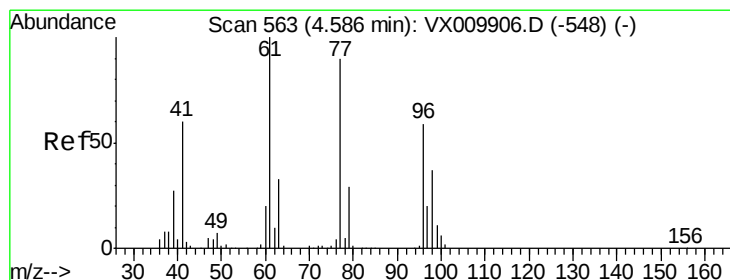
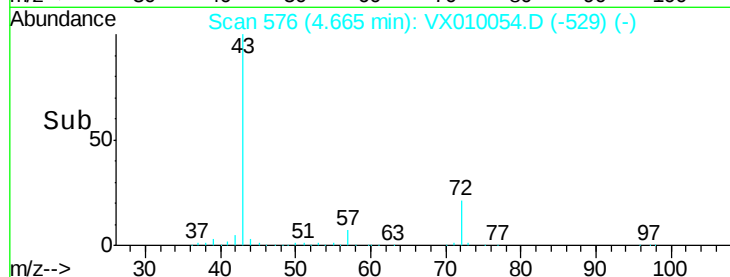
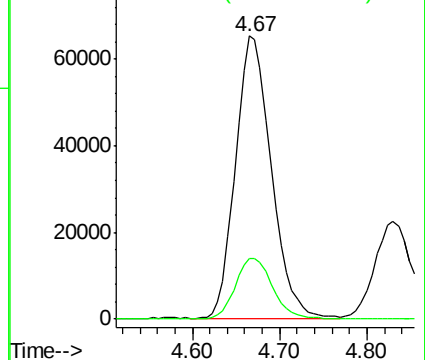
MMDadoda

6/5/2019 9:26:33 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.853 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX010054.D

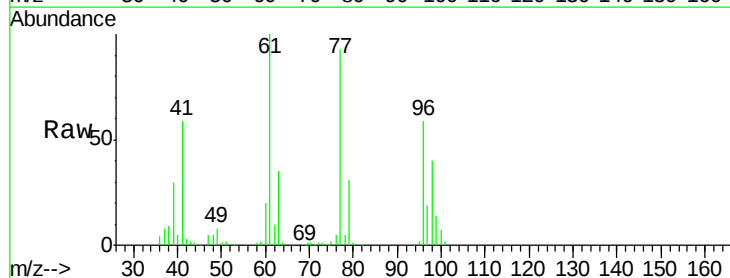
Acq: 04 Jun 2019 12:02

Tgt Ion: 77 Resp: 51523

Ion Ratio Lower Upper

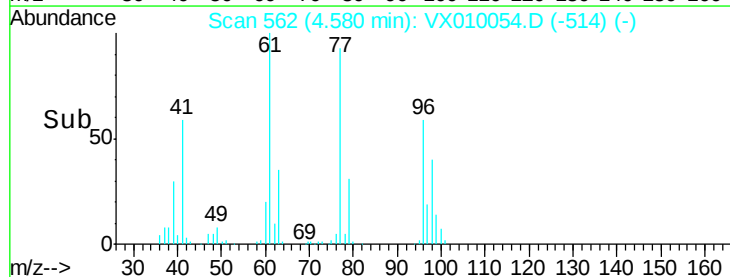
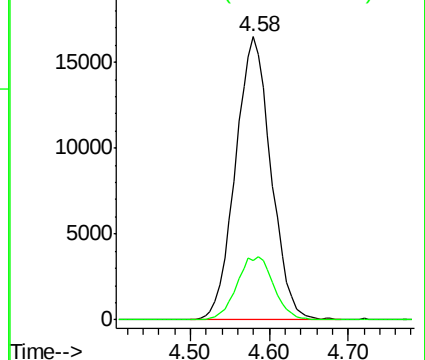
77 100

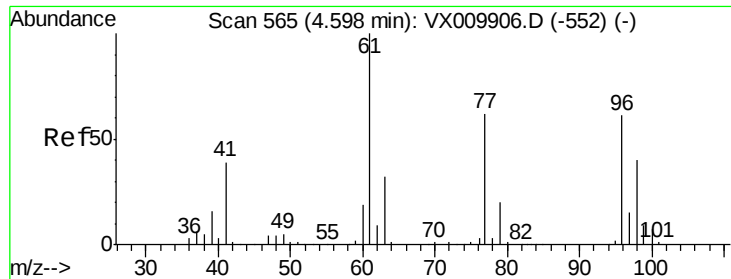
97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

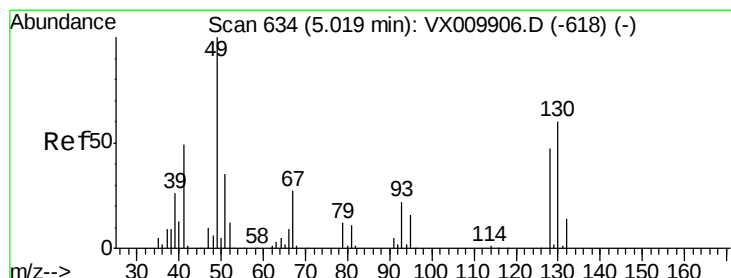
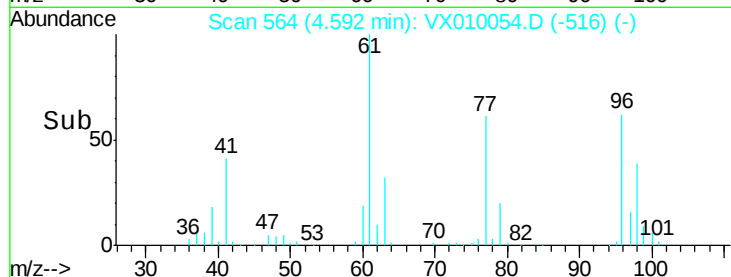
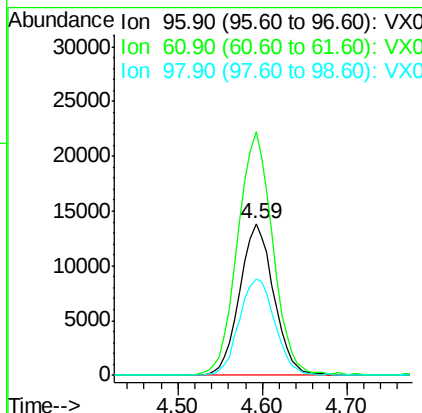
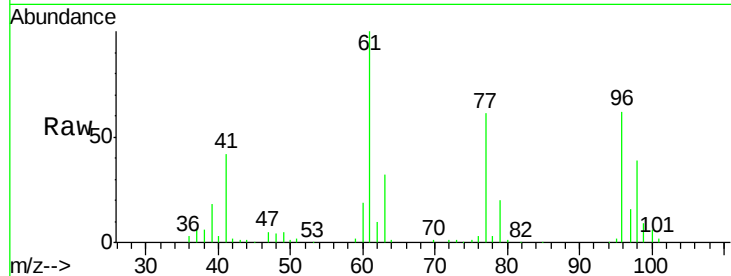
cis-1,2-Dichloroethene
Concen: 17.340 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.1	0.0	334.0
98	66.6	0.0	131.6

Manual Integrations
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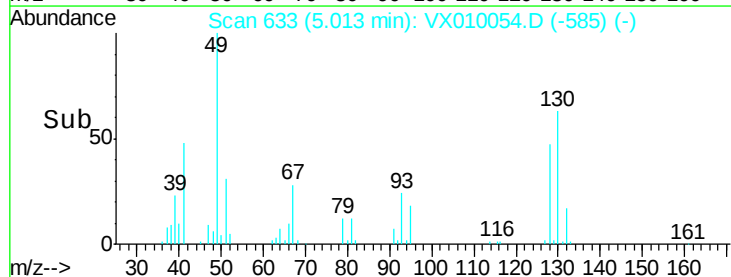
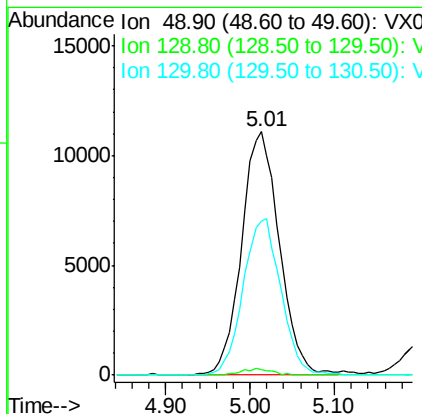
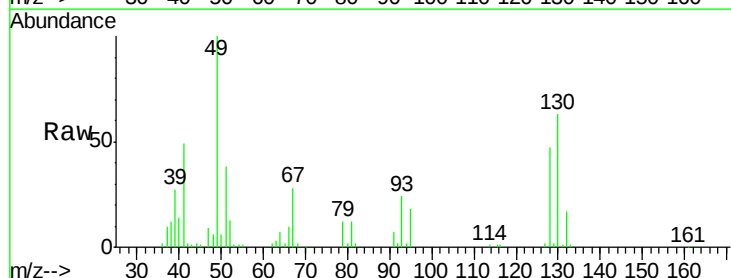
MMDadoda
6/5/2019 9:26:33 AM

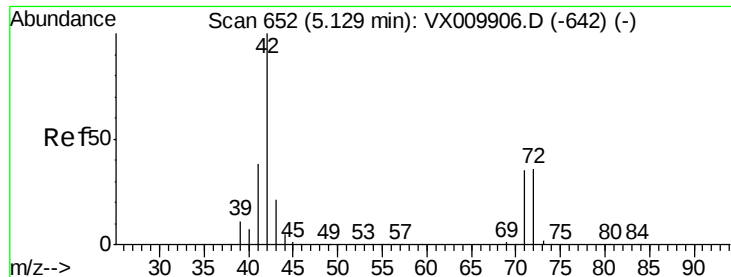


#28

Bromochloromethane
Concen: 17.047 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	64.0	49.4	74.2





#29

Tetrahydrofuran

Concen: 87.076 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

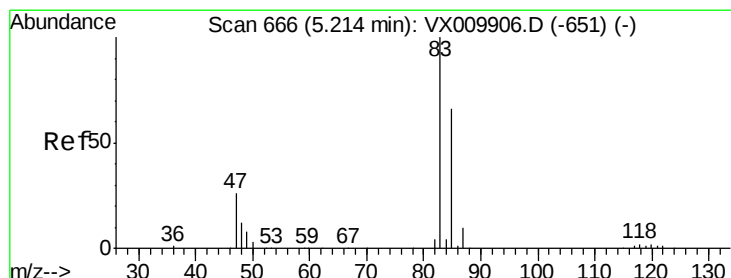
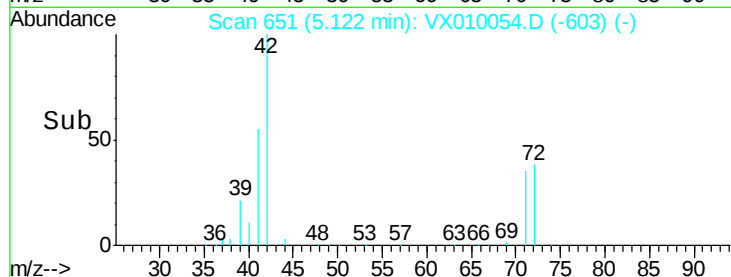
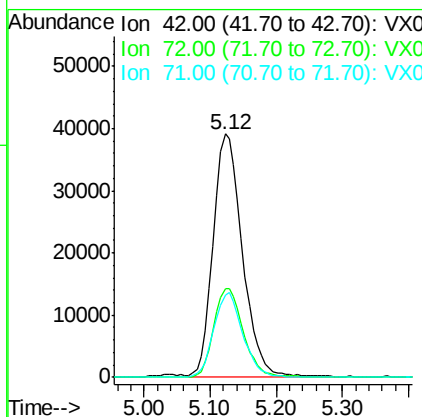
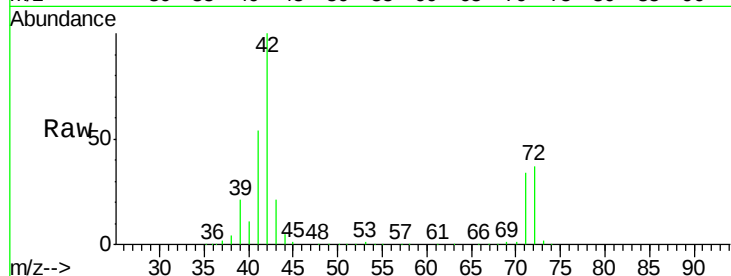
ClientSampleId :

VX0604WBS01

Tot Ion:	42	Resp:	119352
Ion	Ratio	Lower	Upper
42	100		
72	37.3	29.2	43.8
71	34.5	27.6	41.4

Manual Integrations
APPROVED

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#30

Chloroform

Concen: 18.402 ug/l

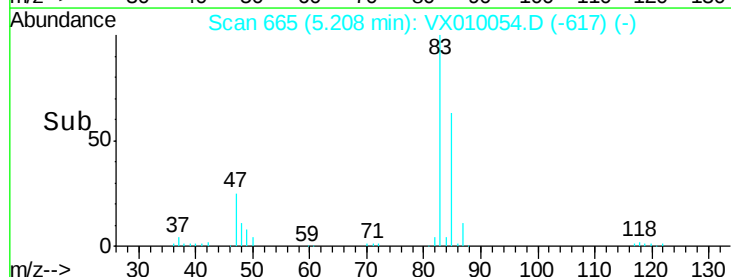
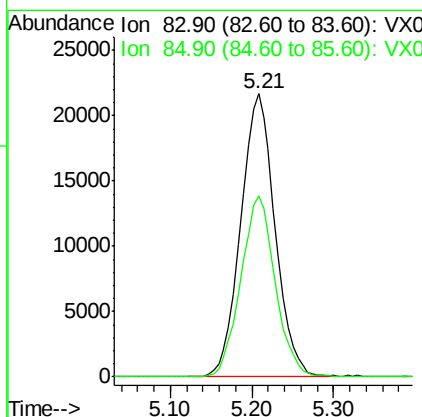
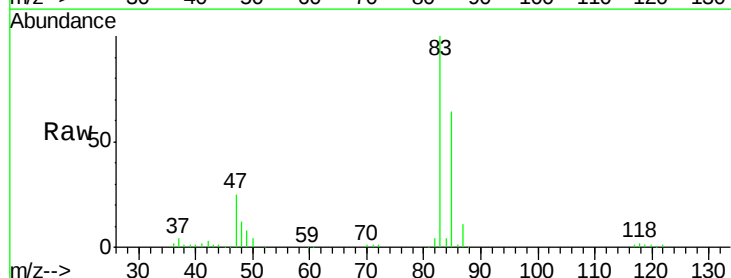
RT: 5.21 min Scan# 665

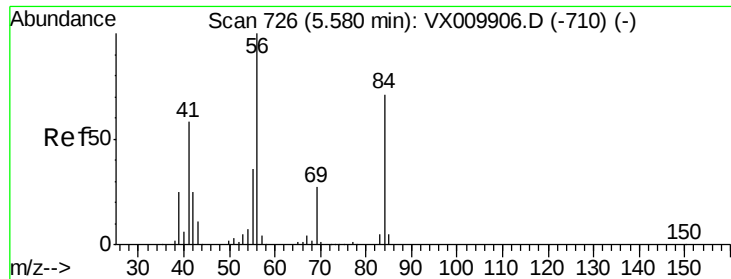
Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion:	83	Resp:	63317
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	78.8





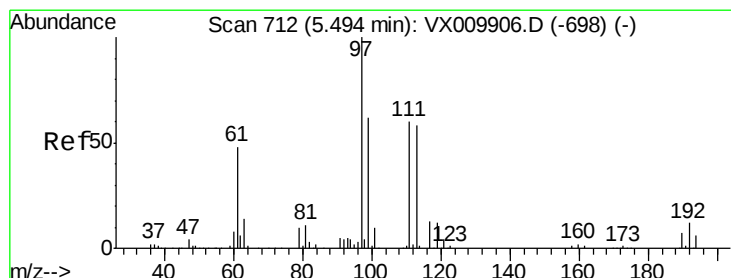
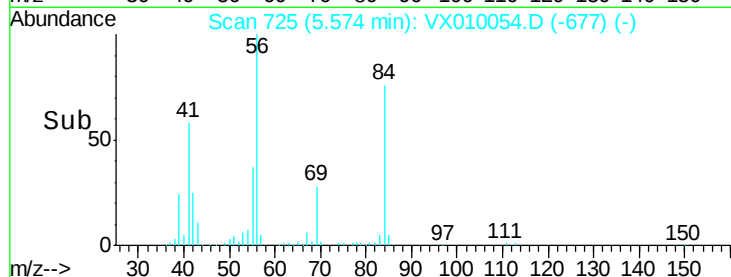
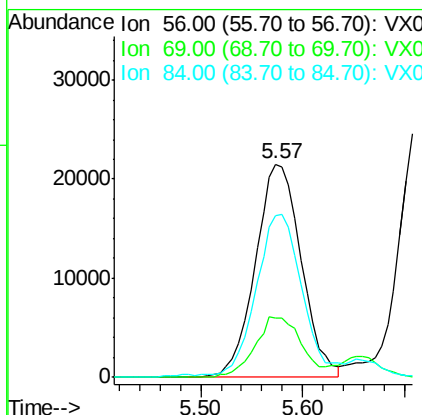
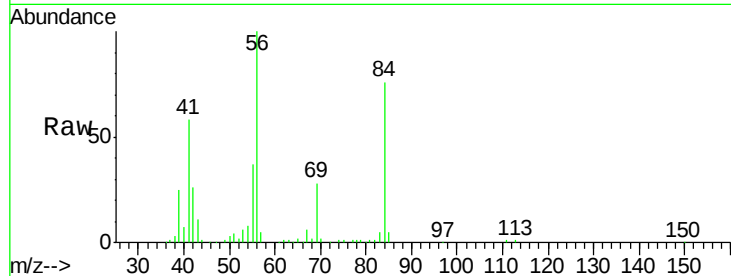
#31
Cyclohexane
Concen: 18.561 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.7	21.6	32.4
84	74.5	56.8	85.2

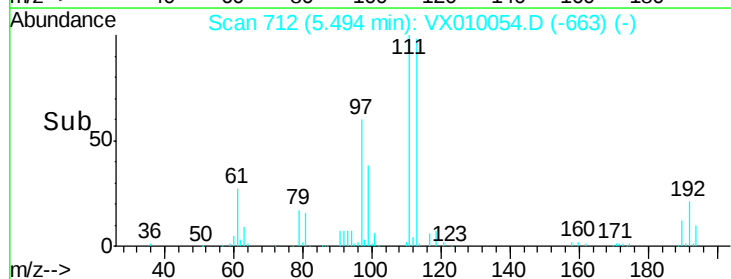
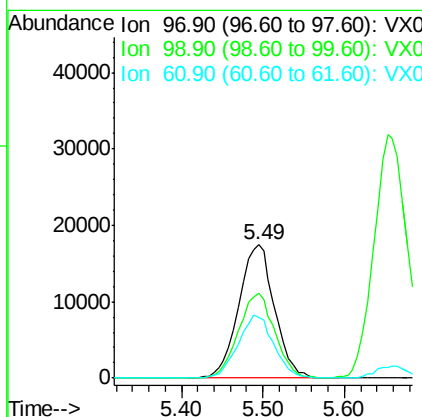
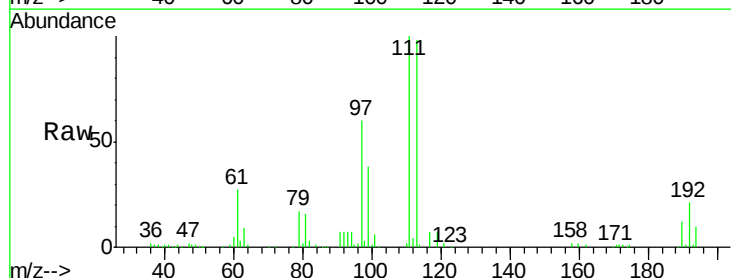
Manual Integrations
APPROVED

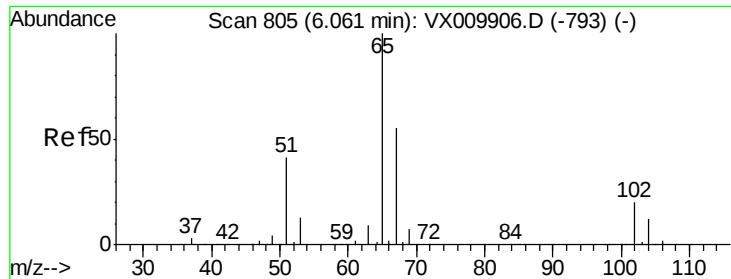
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6/5/2019 9:26:33 AM



#32
1,1,1-Trichloroethane
Concen: 18.936 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	47.3	38.7	58.1





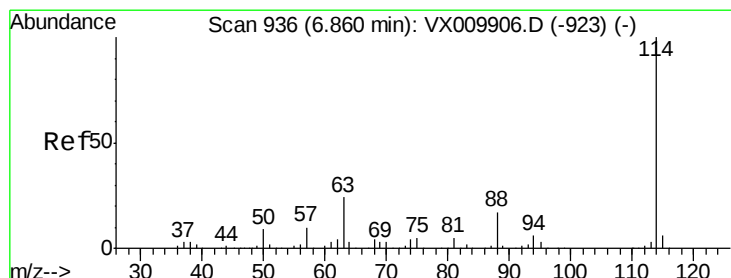
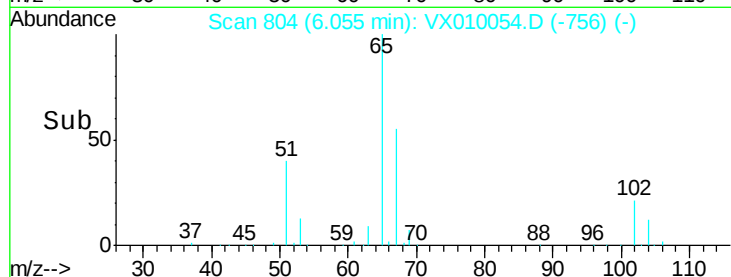
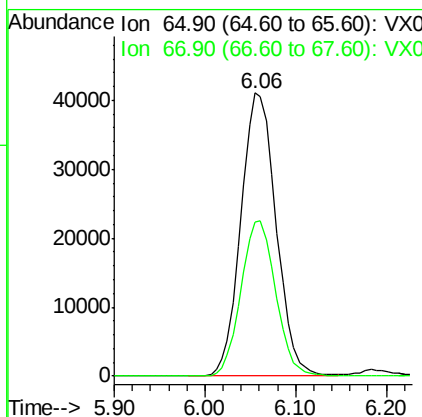
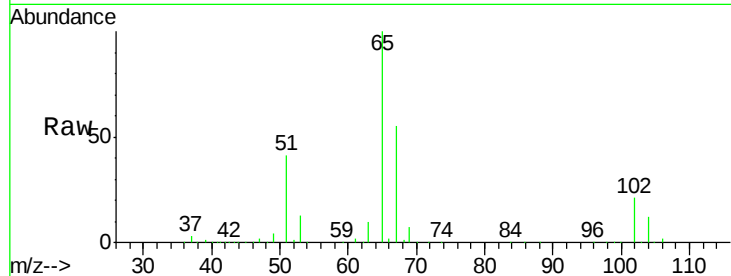
#33
 1,2-Dichloroethane-d4
 Concen: 46.515 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion: 65 Resp: 110449
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4

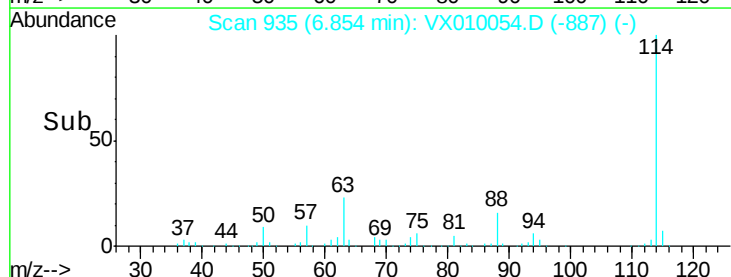
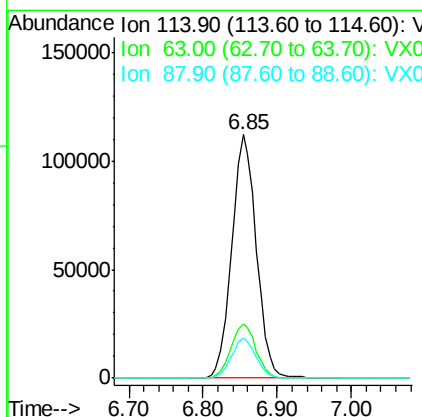
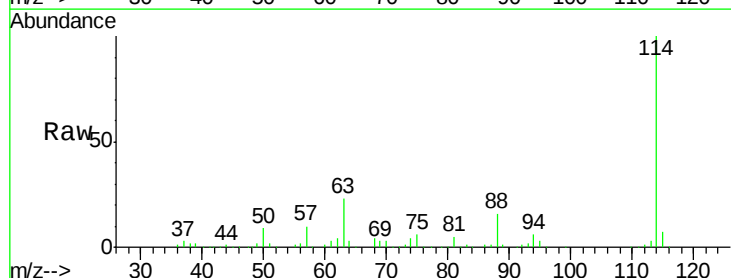
Manual Integrations
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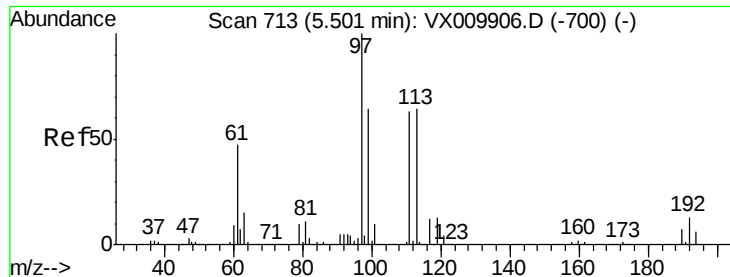
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 6/5/2019 9:26:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 114 Resp: 258984
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.4
 88 16.2 0.0 33.0





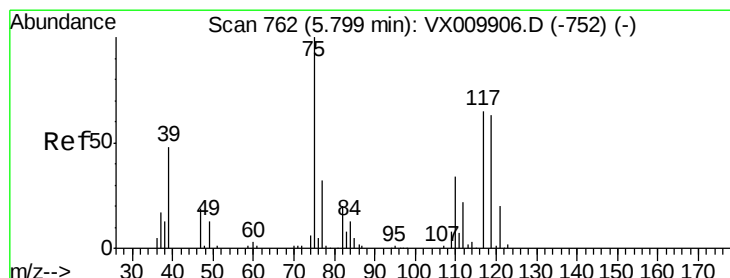
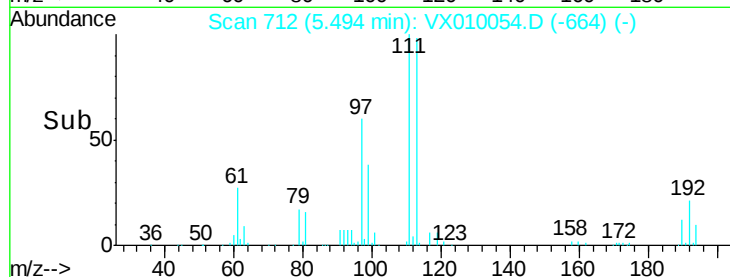
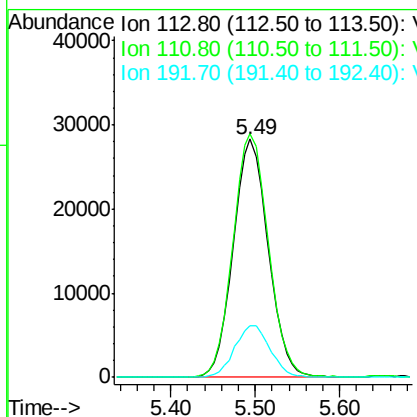
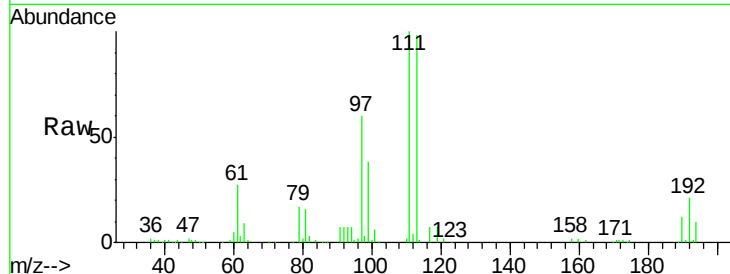
#35
Dibromofluoromethane
Concen: 48.919 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.9	82.2	123.2	
192	22.1	17.1	25.7	

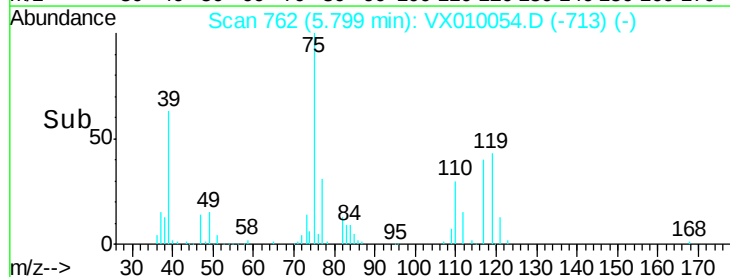
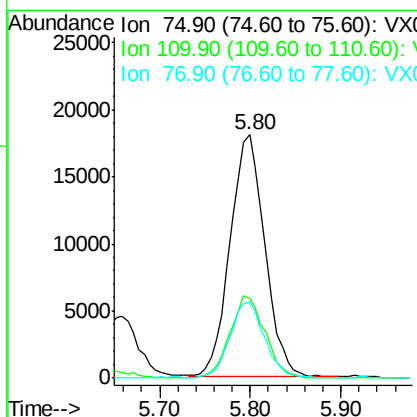
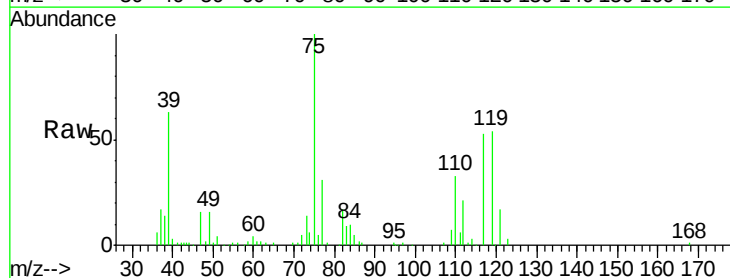
Manual Integrations
APPROVED

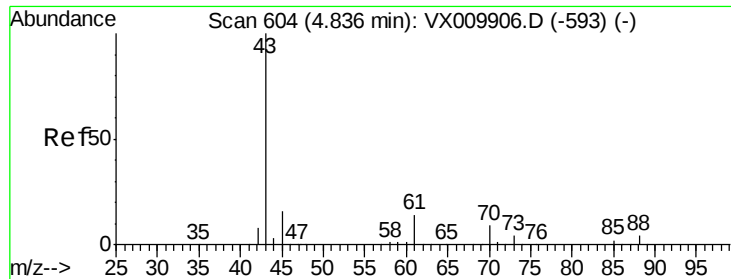
MMDadoda
6/5/2019 9:26:33 AM



#36
1,1-Dichloropropene
Concen: 18.314 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.2	16.7	50.1	
77	31.5	25.0	37.4	





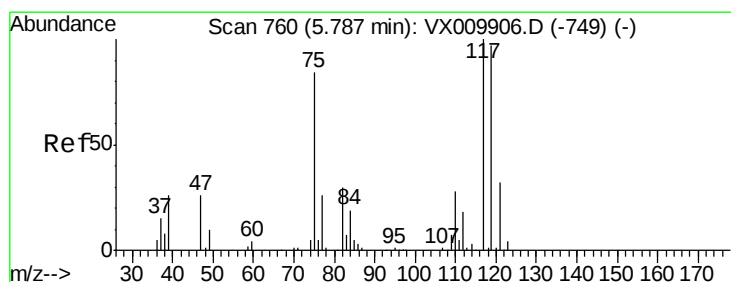
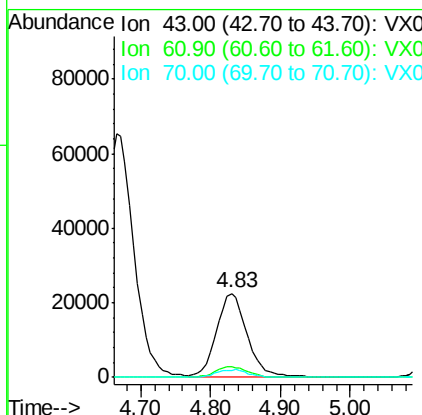
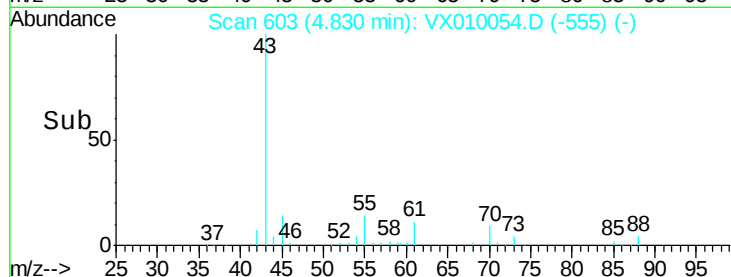
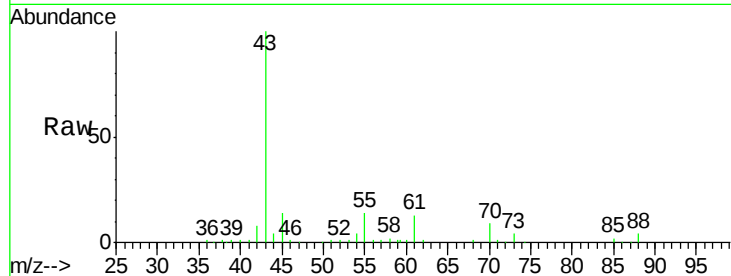
#37
Ethyl Acetate
Concen: 18.400 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion: 43 Resp: 67370
Ion Ratio Lower Upper
43 100
61 13.8 10.2 15.2
70 9.7 7.4 11.2

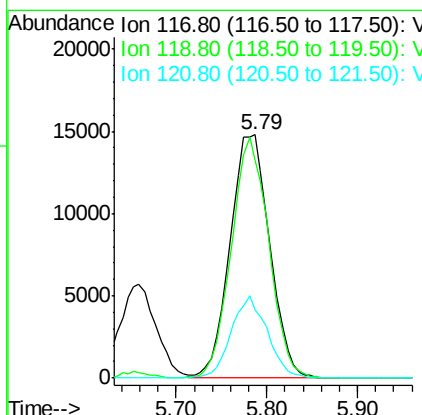
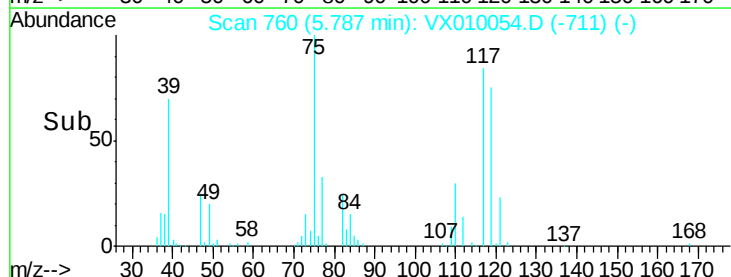
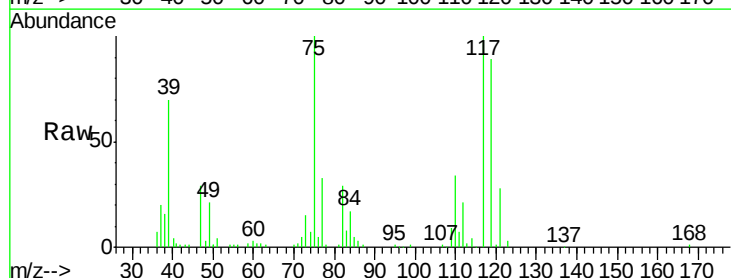
Manual Integrations
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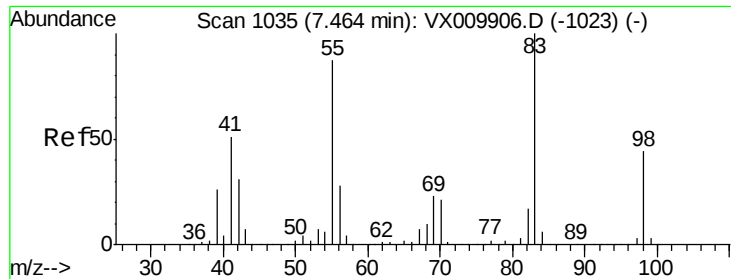
MMDadoda
6/5/2019 9:26:33 AM



#38
Carbon Tetrachloride
Concen: 19.790 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 117 Resp: 44936
Ion Ratio Lower Upper
117 100
119 89.5 77.3 115.9
121 27.8 25.4 38.0





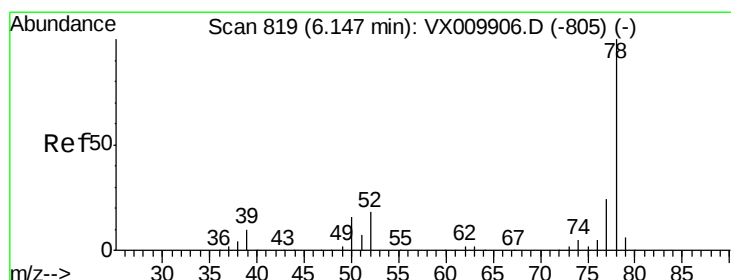
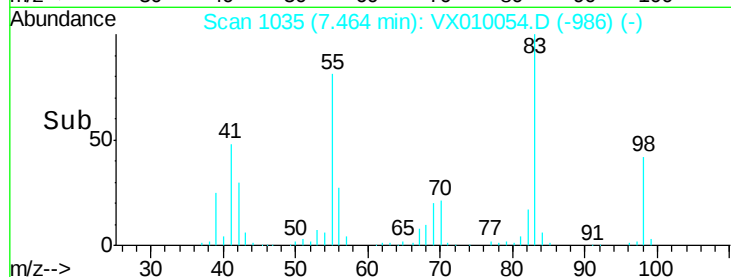
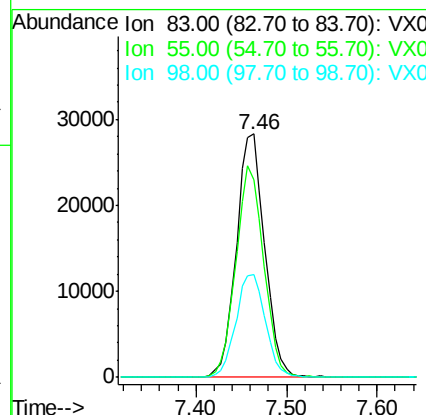
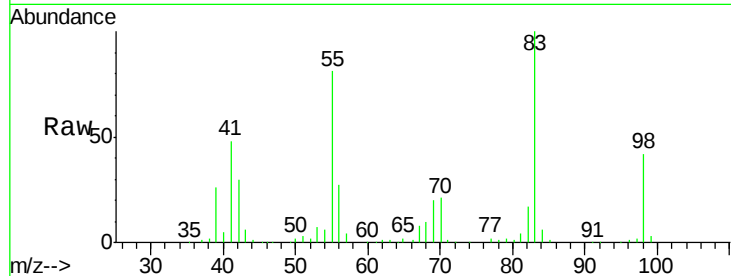
#39
Methvlcvclohexane
Concen: 19.697 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	69.9	104.9
98	42.2	35.1	52.7

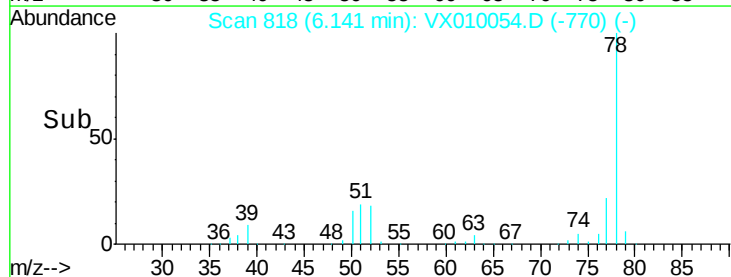
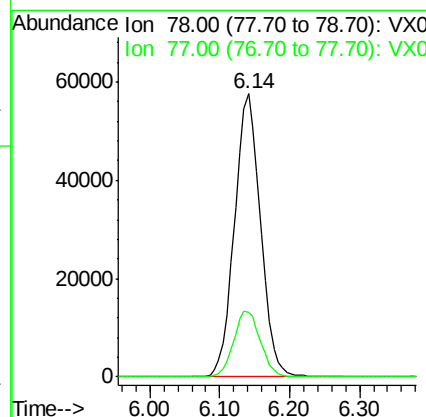
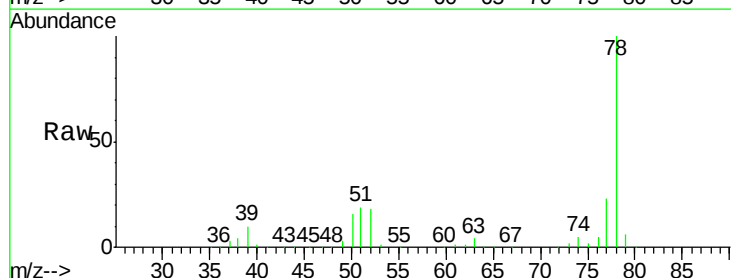
Manual Integrations
APPROVED

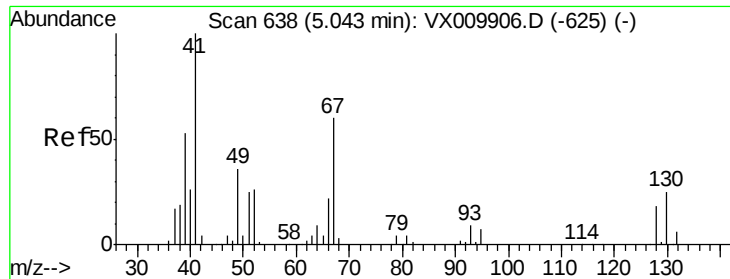
MMDadoda
6/5/2019 9:26:33 AM



#40
Benzene
Concen: 19.088 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





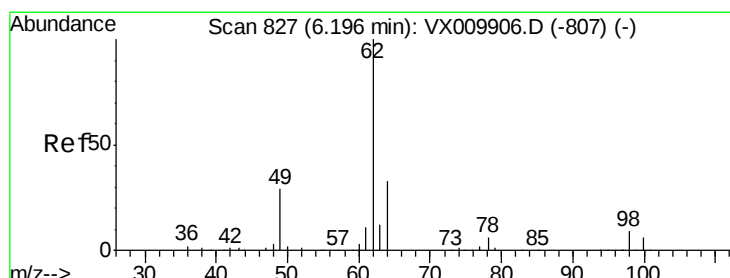
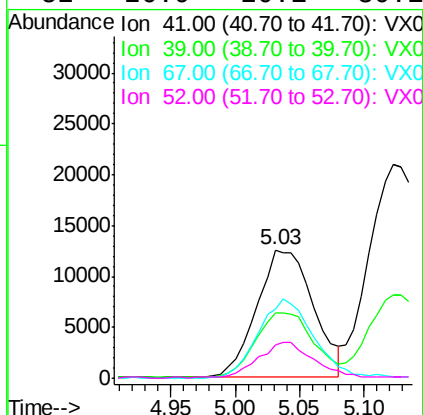
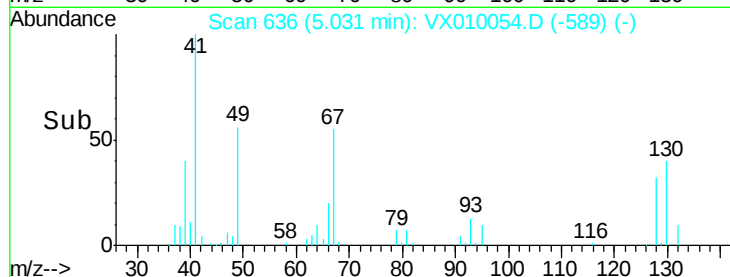
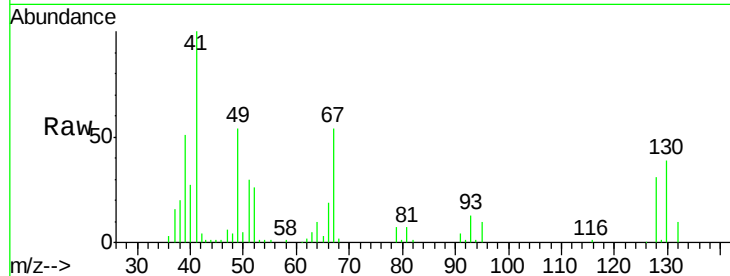
#41
Methacrylonitrile
Concen: 17.899 ug/l
RT: 5.03 min Scan# 636
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.2	63.4
67	61.6	48.9	73.3
52	26.9	20.1	30.1

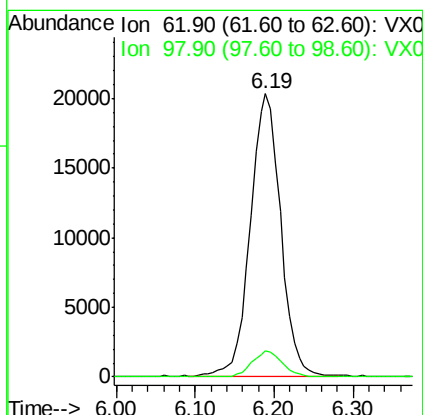
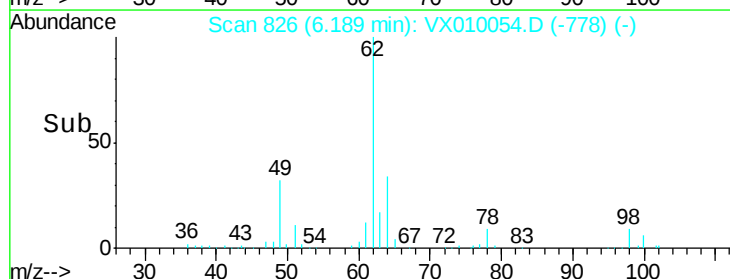
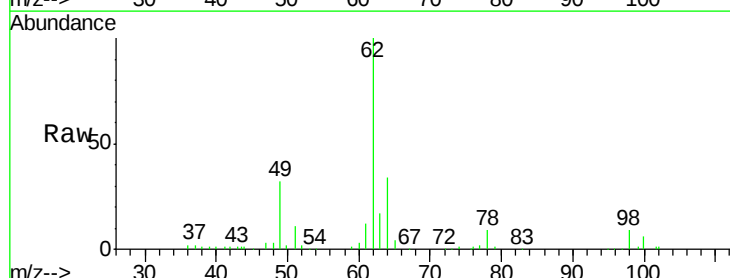
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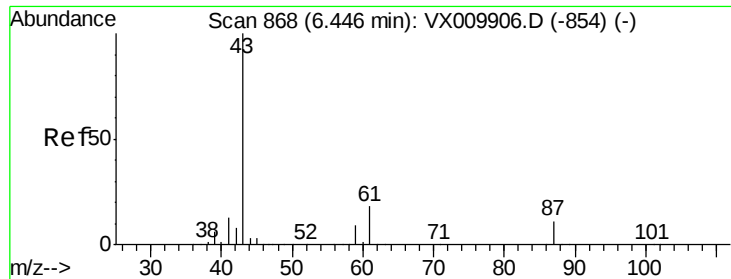
MMDadoda
6/5/2019 9:26:33 AM



#42
1,2-Dichloroethane
Concen: 18.974 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





#43

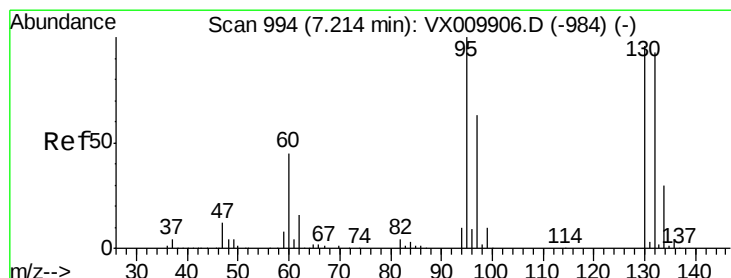
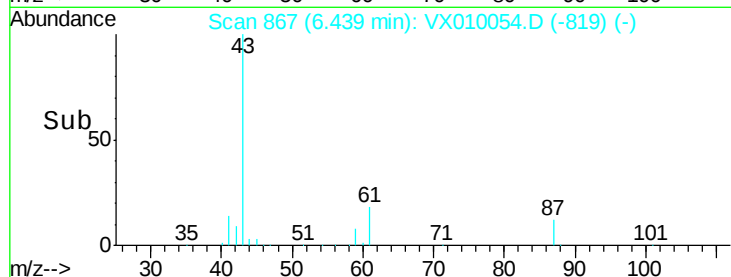
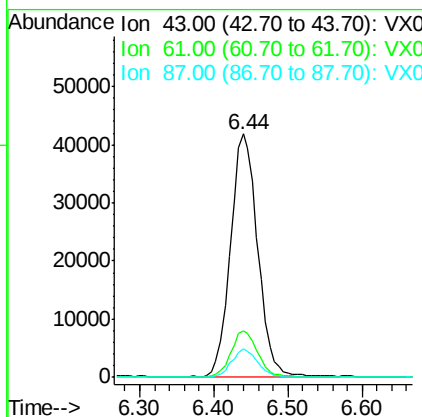
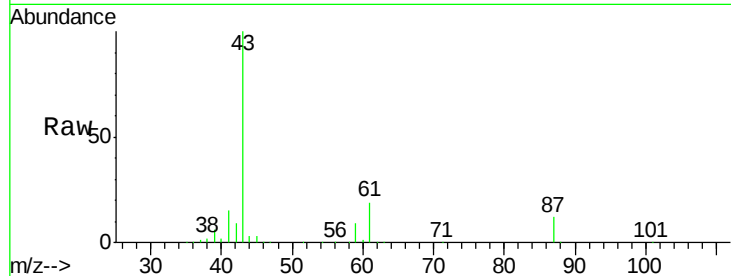
Isopropyl Acetate
 Concen: 18.089 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.6	21.8
87	11.2	8.7	13.1

Manual Integrations
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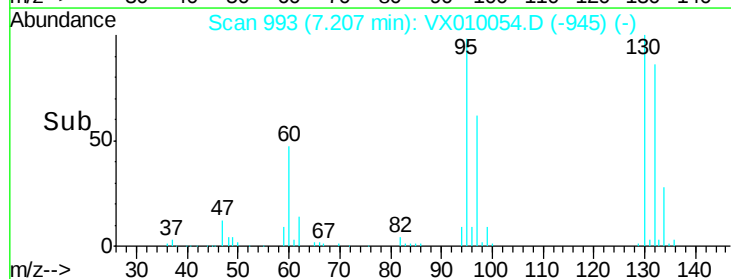
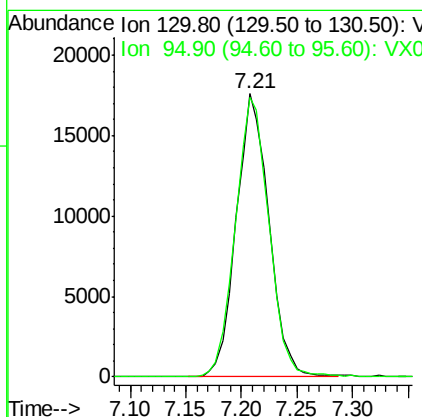
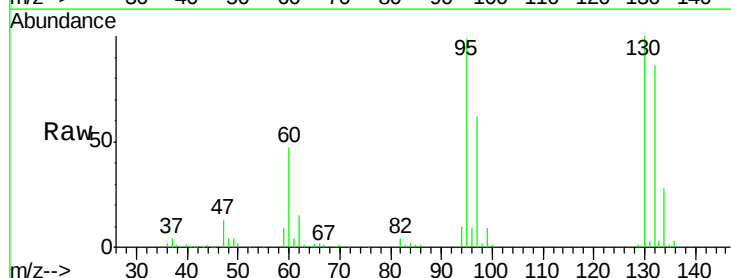
MMDadoda
 6/5/2019 9:26:33 AM

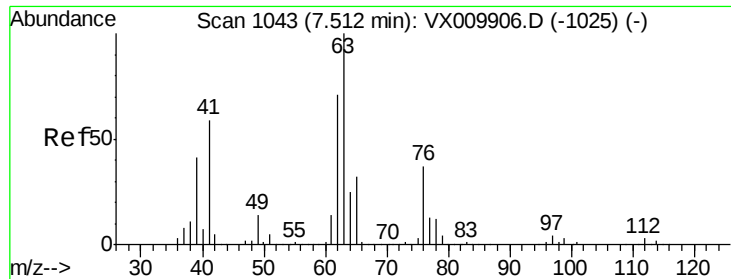


#44

Trichloroethene
 Concen: 18.955 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	207.4





#45

1,2-Dichloropropane

Concen: 18.660 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

Tot Ion: 63 Resp: 41872

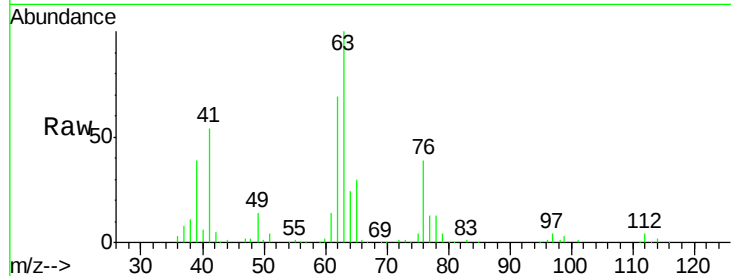
Ion Ratio Lower Upper

63 100

65 30.3 25.7 38.5

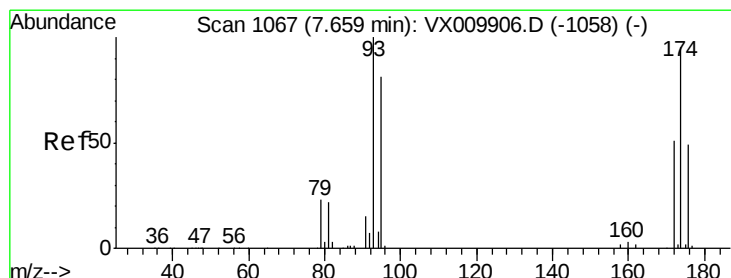
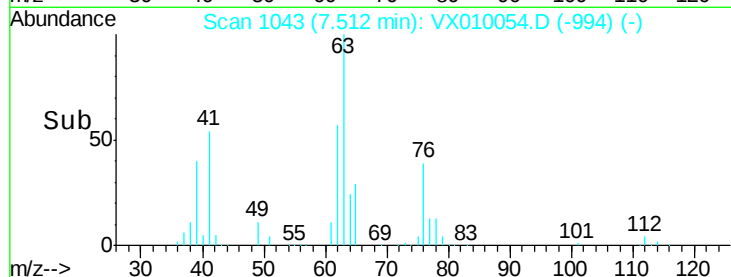
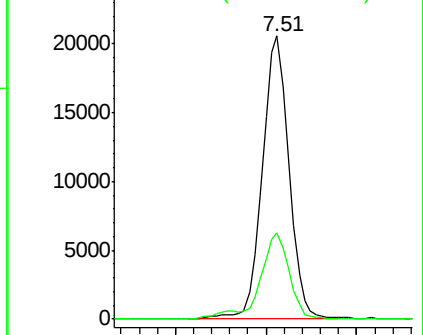
Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.374 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

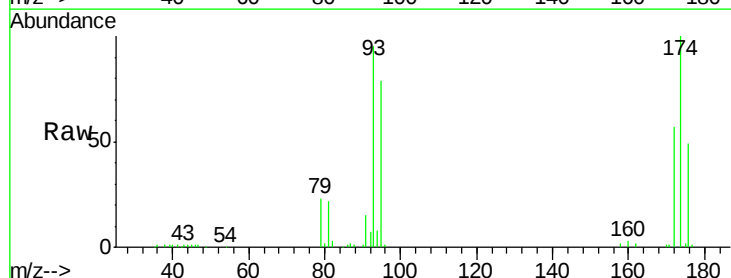
Tgt Ion: 93 Resp: 24269

Ion Ratio Lower Upper

93 100

95 84.6 66.8 100.2

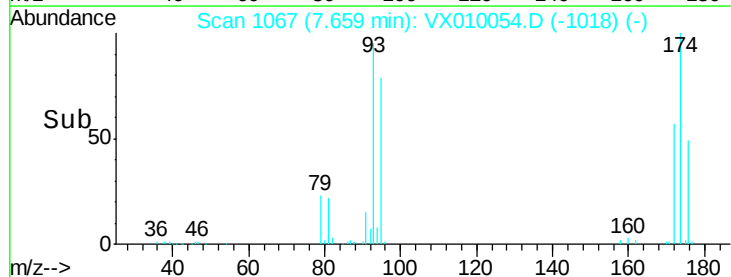
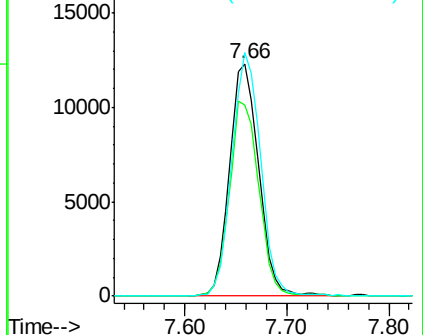
174 103.5 81.9 122.9

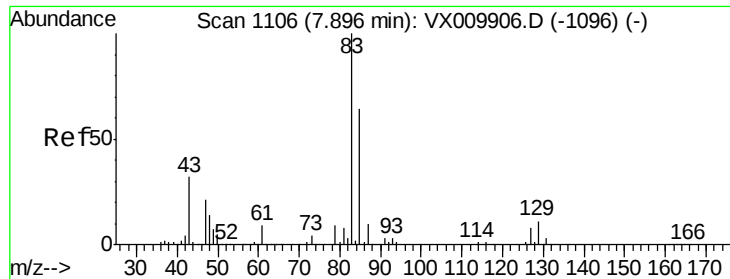


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.196 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

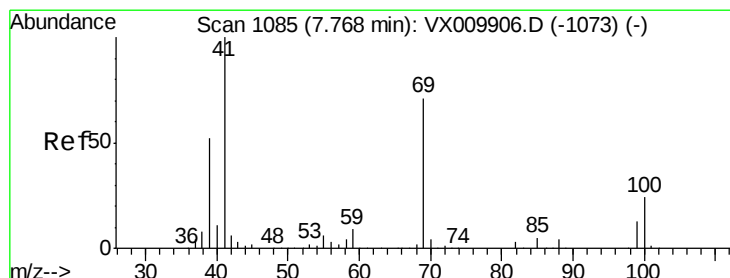
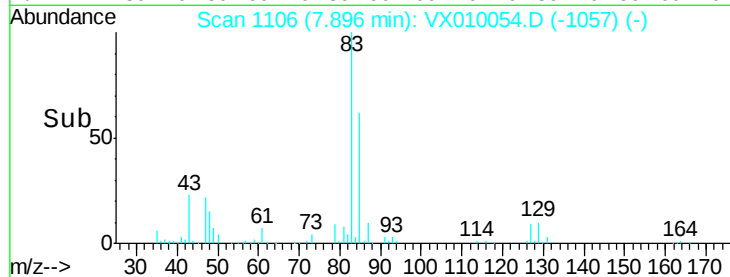
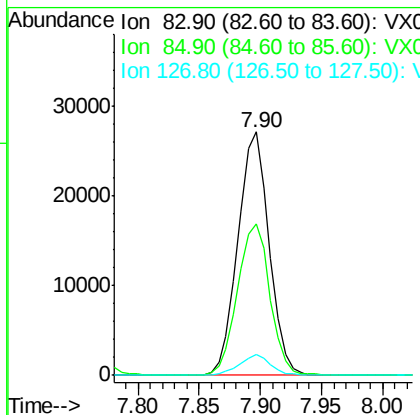
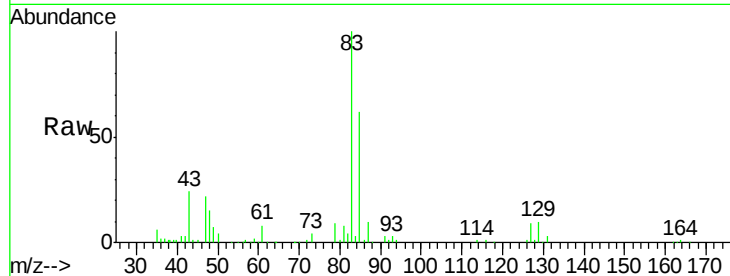
ClientSampleId :

VX0604WBS01

Tot Ion:	83	Resp:	48213
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.4	77.2
127	8.6	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.350 ug/l

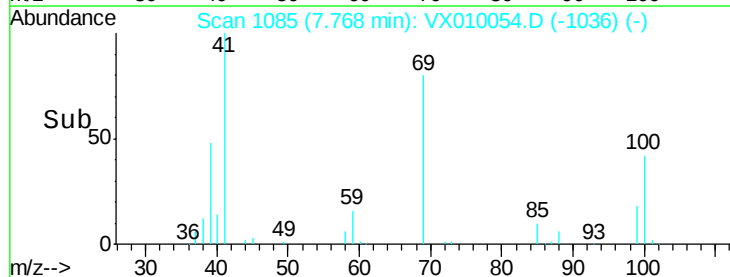
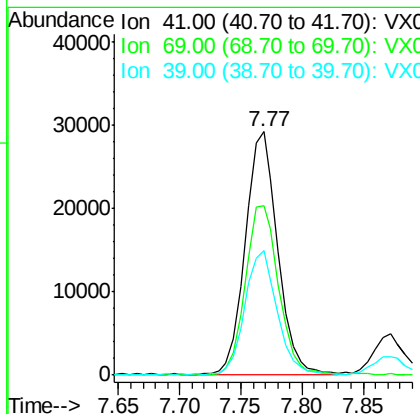
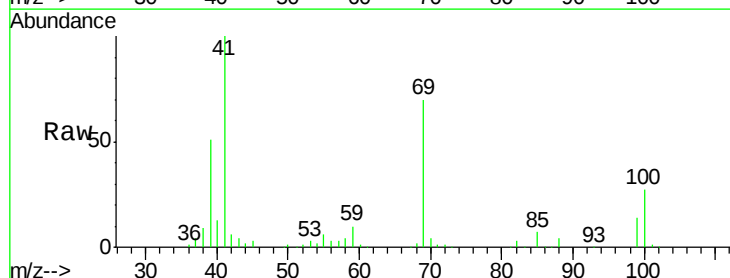
RT: 7.77 min Scan# 1085

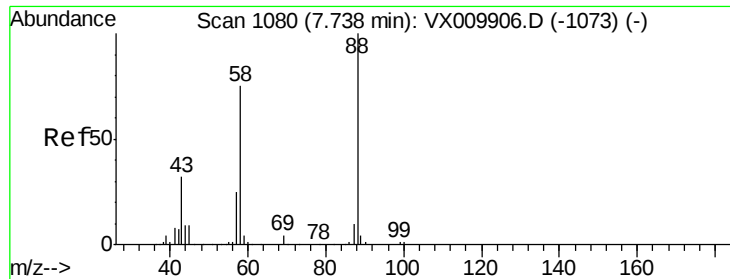
Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion:	41	Resp:	53666
Ion	Ratio	Lower	Upper
41	100		
69	71.8	56.4	84.6
39	50.4	40.6	60.8





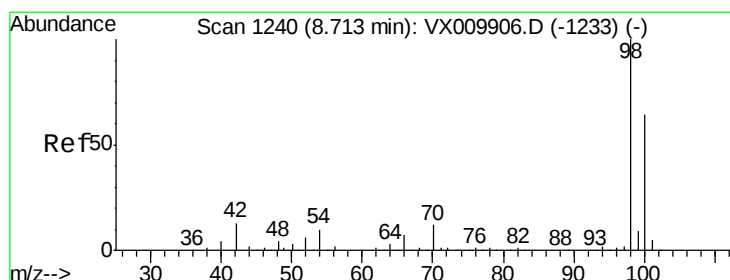
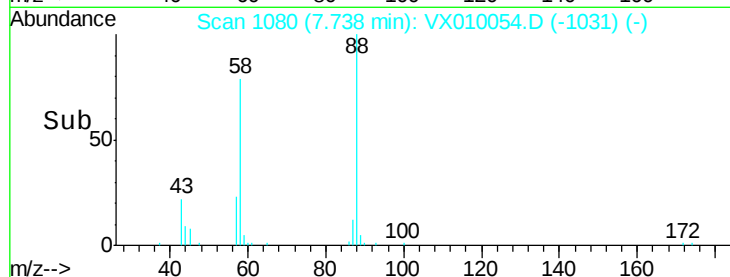
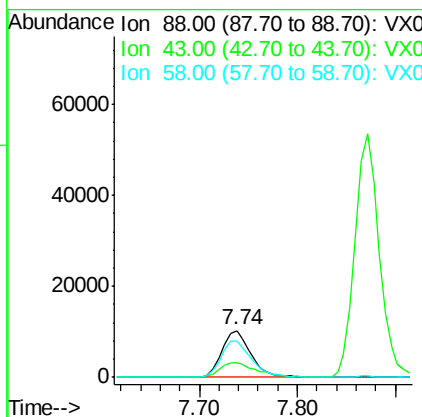
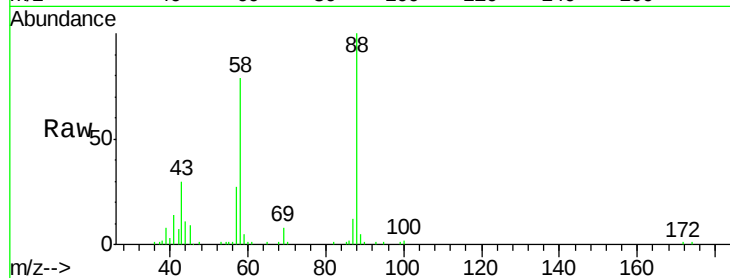
#49
1,4-Dioxane
Concen: 386.750 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	30.2	45.4
58	83.0	64.0	96.0

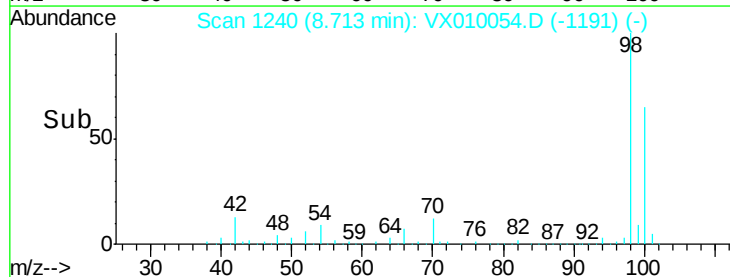
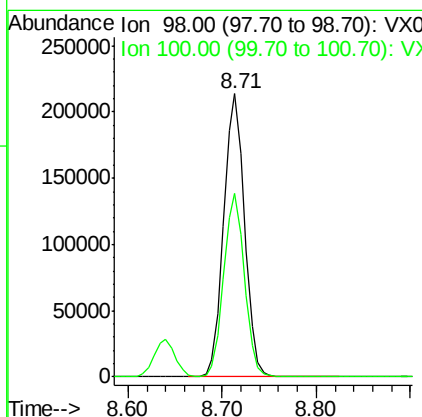
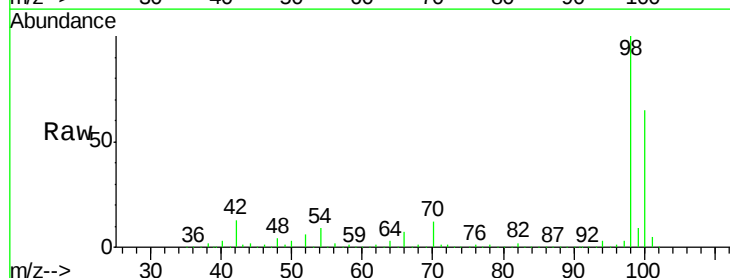
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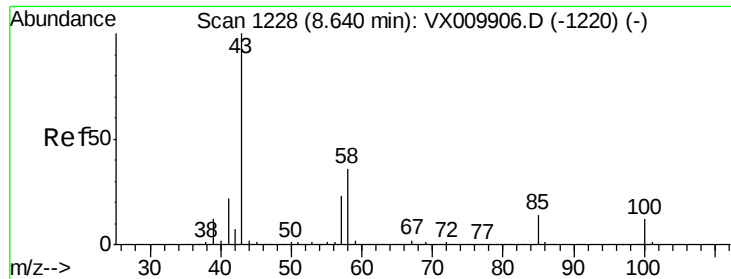
MMDadoda
6/5/2019 9:26:33 AM



#50
Toluene-d8
Concen: 49.642 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 92.158 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 43 Resp: 354172

Ion Ratio Lower Upper

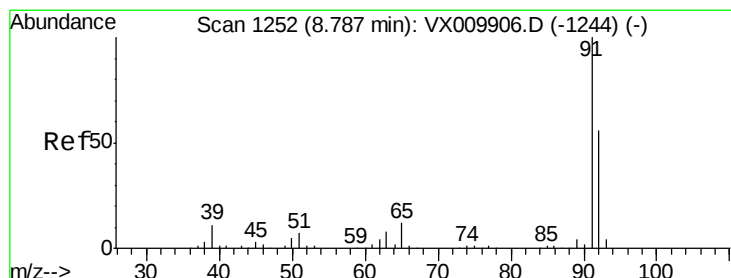
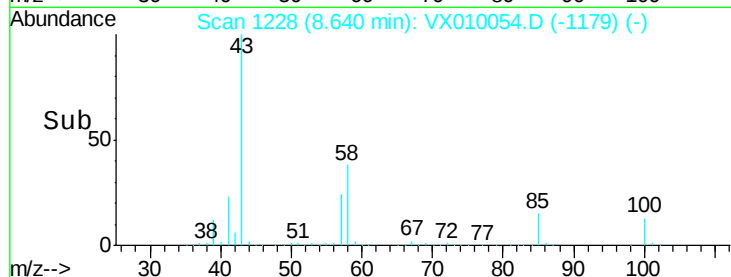
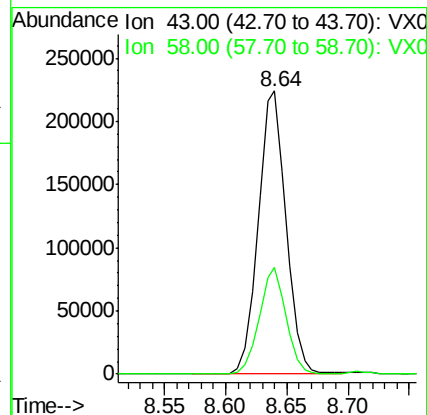
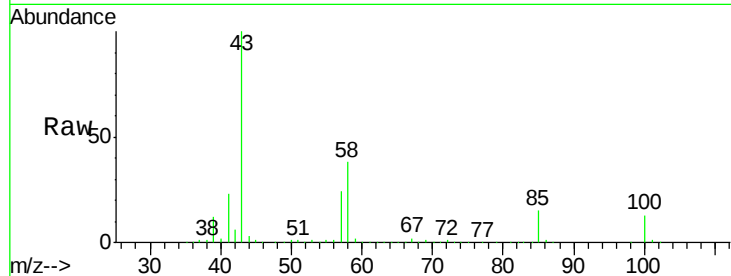
43 100

58 36.3 28.8 43.2

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#52

Toluene

Concen: 19.415 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010054.D

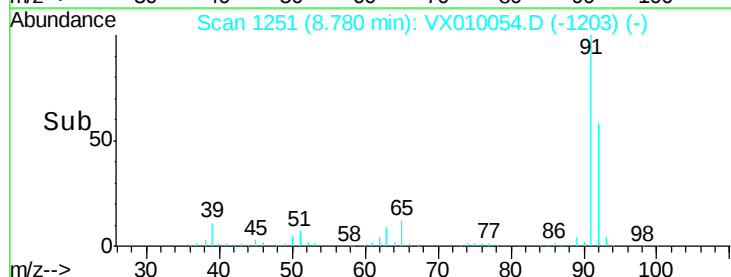
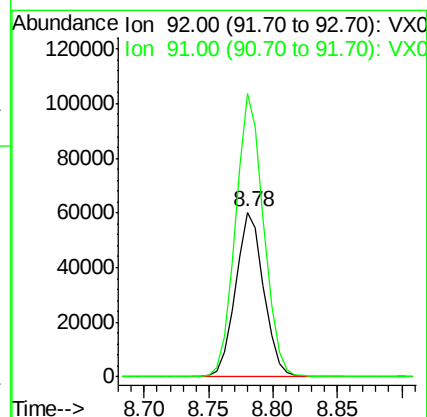
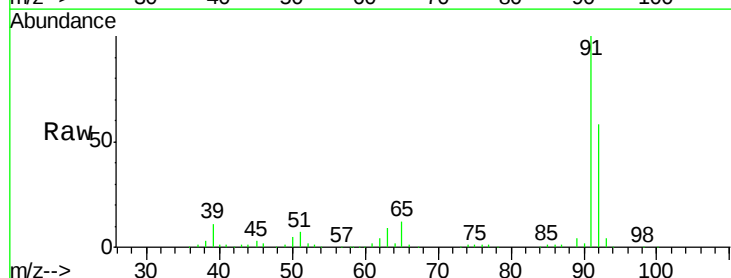
Acq: 04 Jun 2019 12:02

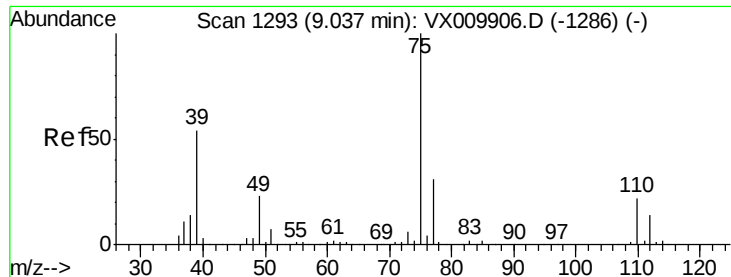
Tgt Ion: 92 Resp: 91889

Ion Ratio Lower Upper

92 100

91 171.7 139.9 209.9





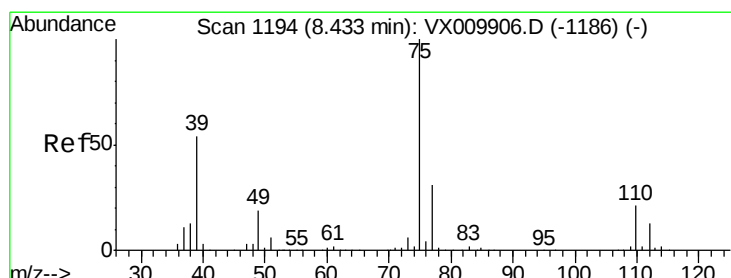
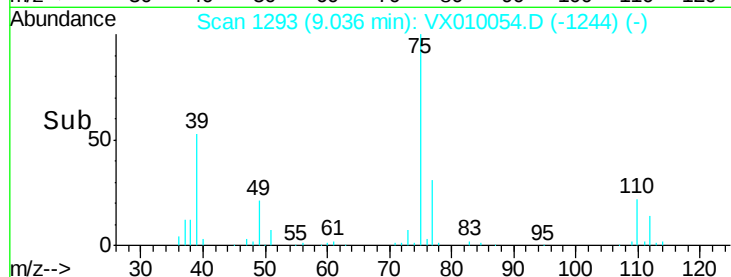
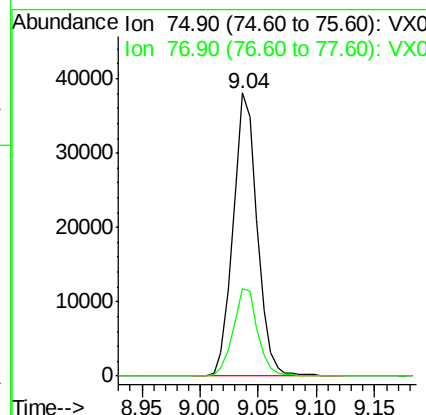
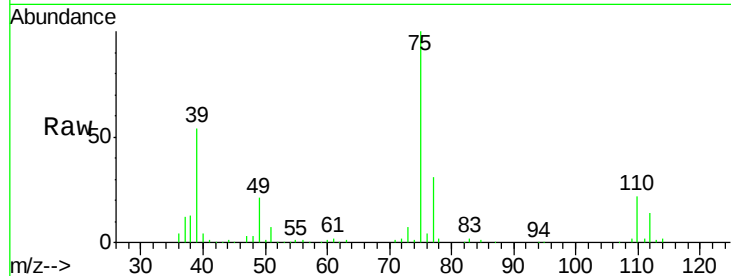
#53
 t-1,3-Dichloropropene
 Concen: 18.214 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion: 75 Resp: 54864
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8

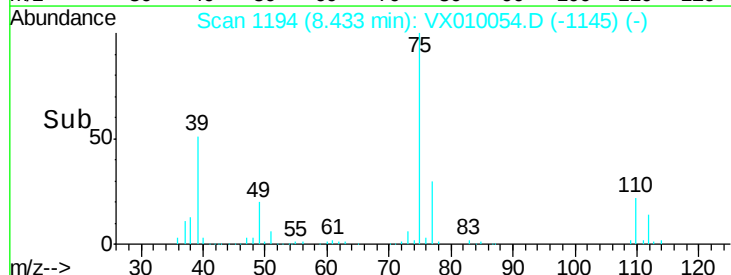
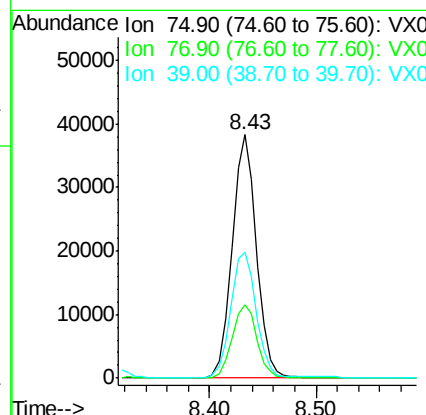
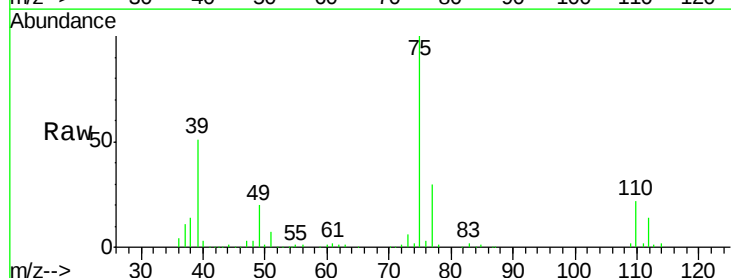
Manual Integrations
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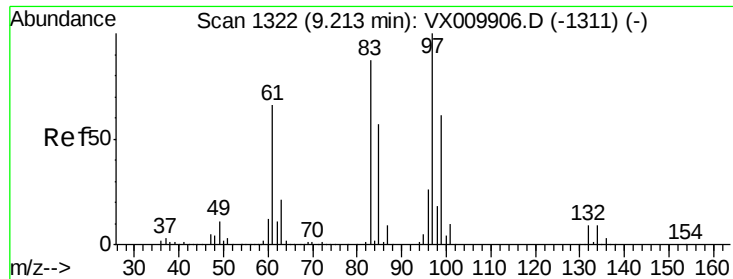
MMDadoda
 6/5/2019 9:26:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.656 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion: 75 Resp: 61229
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 51.2 43.4 65.0





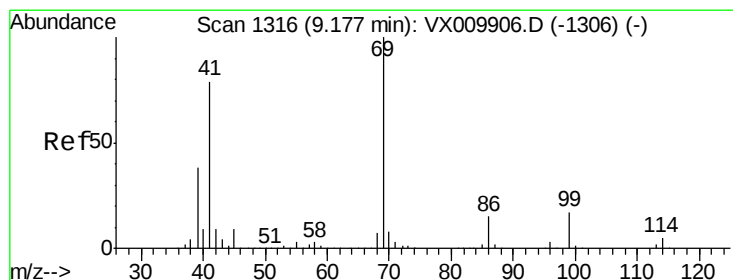
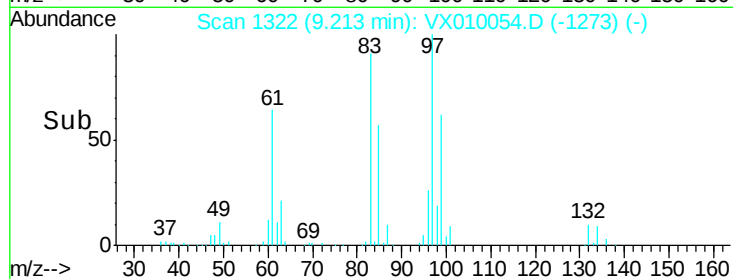
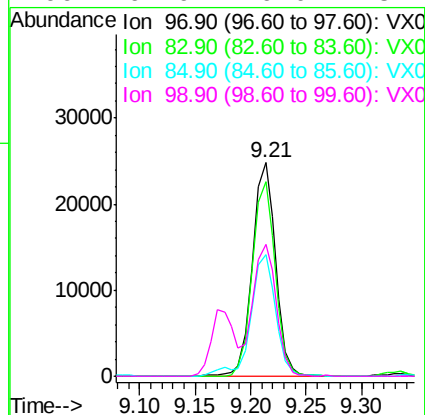
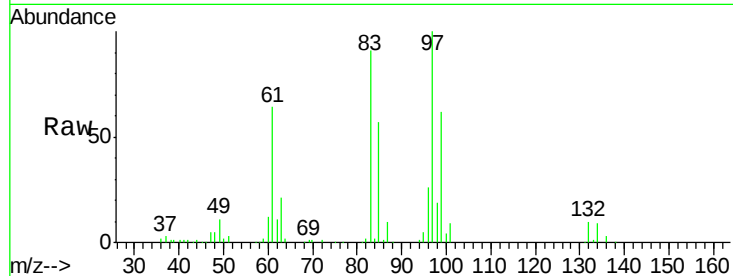
#55
 1,1,2-Trichloroethane
 Concen: 18.958 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.8	104.8
85	57.1	45.3	67.9
99	61.9	49.0	73.4

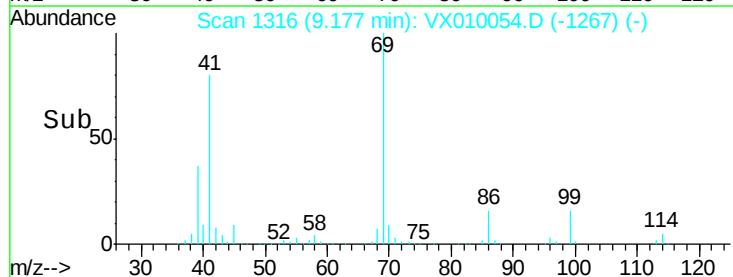
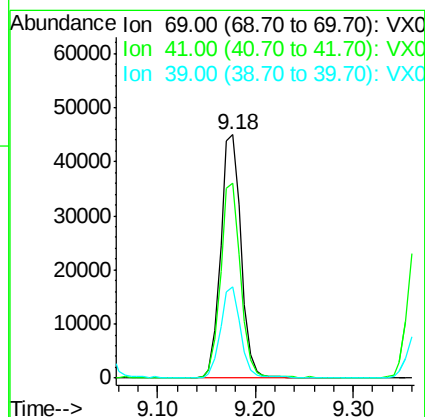
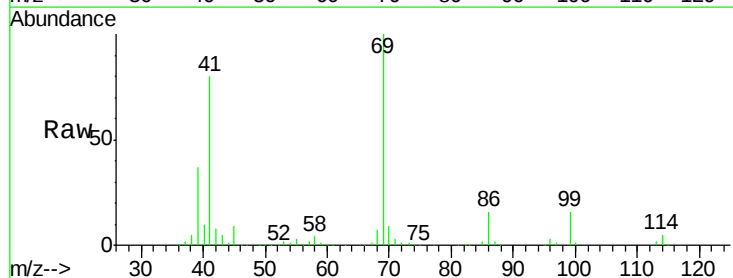
Manual Integrations
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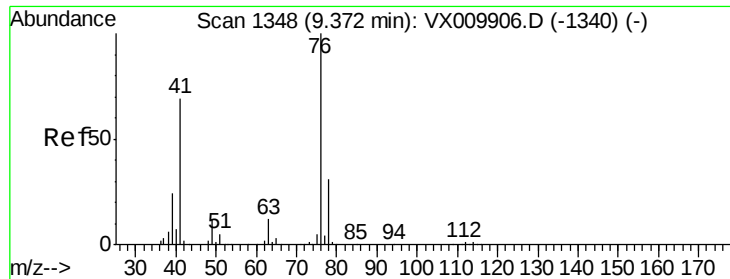
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#56
 Ethyl methacrylate
 Concen: 19.171 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.4	62.7	94.1
39	36.5	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.805 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

Tot Ion: 76 Resp: 64330

Ion Ratio Lower Upper

76 100

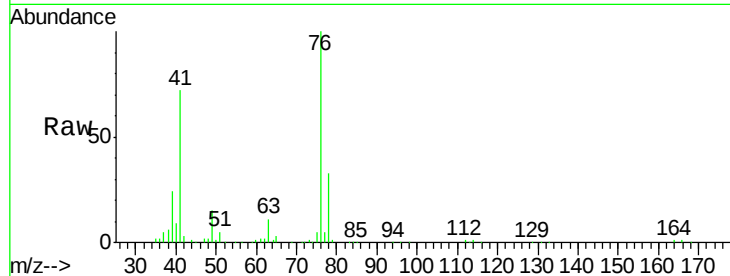
78 31.7 25.4 38.0

Manual Integrations

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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

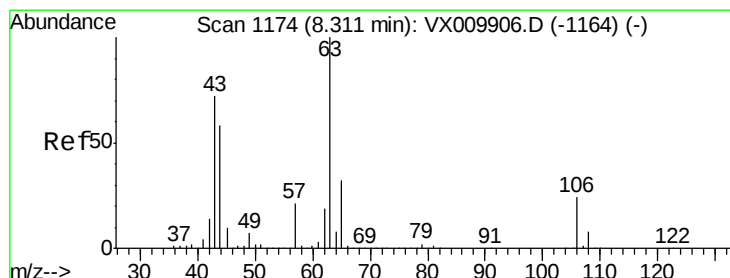
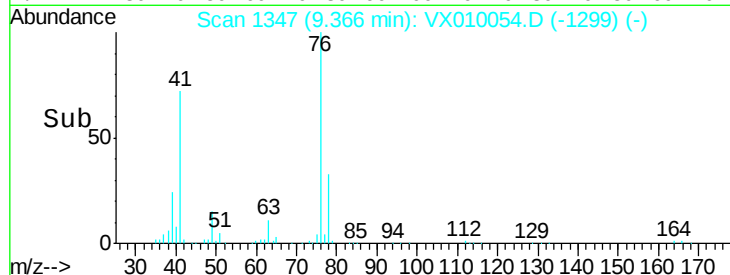
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.455 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010054.D

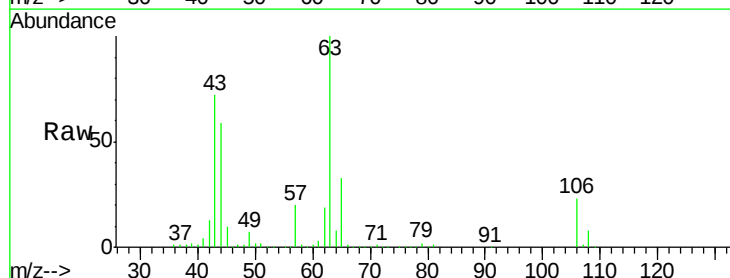
Acq: 04 Jun 2019 12:02

Tgt Ion: 63 Resp: 171526

Ion Ratio Lower Upper

63 100

106 24.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

120000

100000

80000

60000

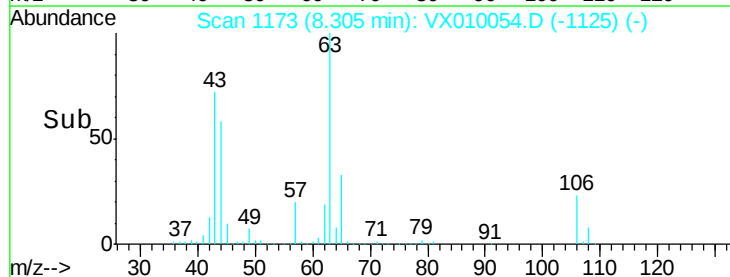
40000

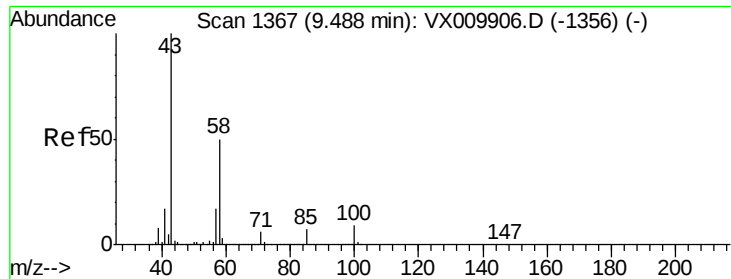
20000

0

8.20 8.30 8.40

Time-->





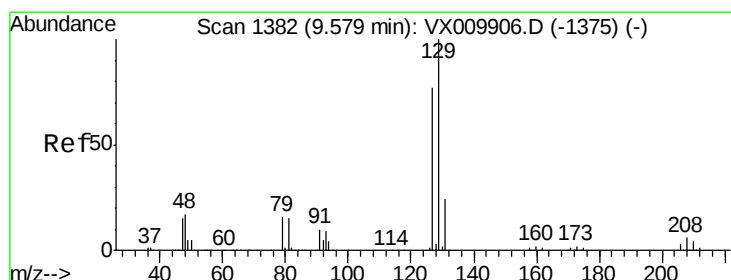
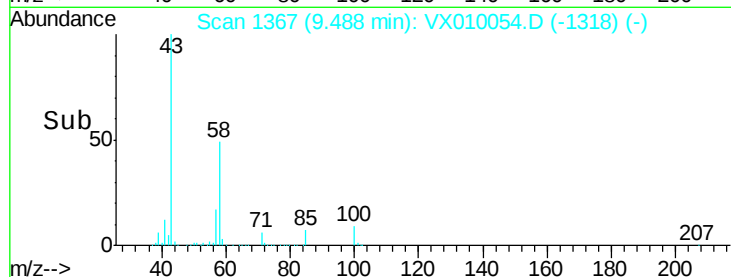
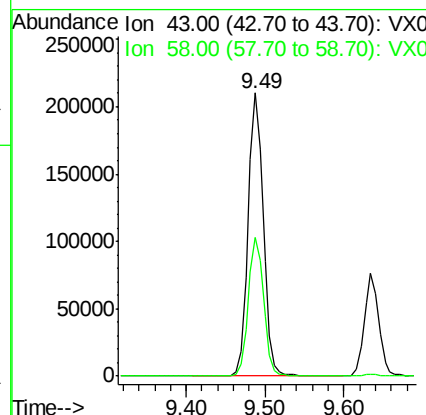
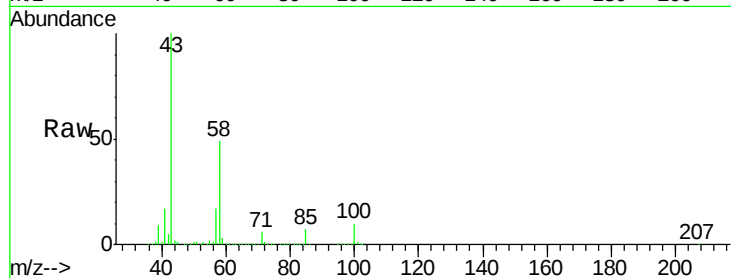
#59
2-Hexanone
Concen: 95.039 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.5	25.1	75.3

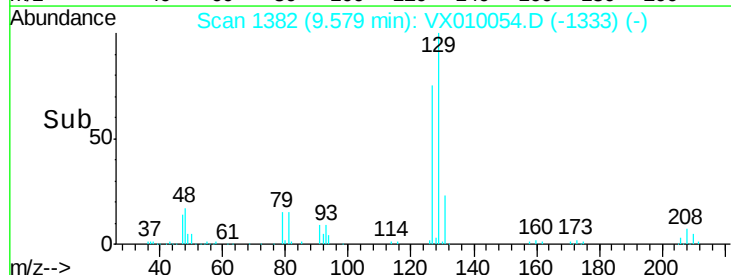
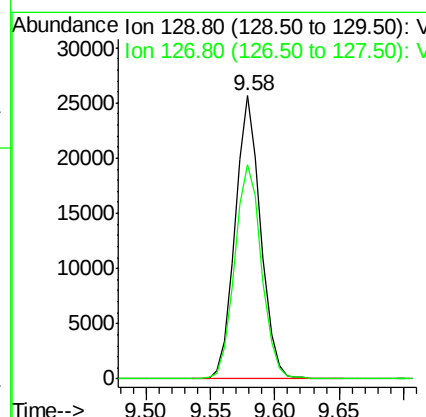
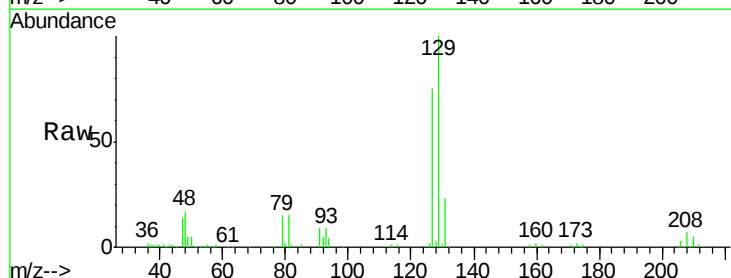
Manual Integrations
APPROVED

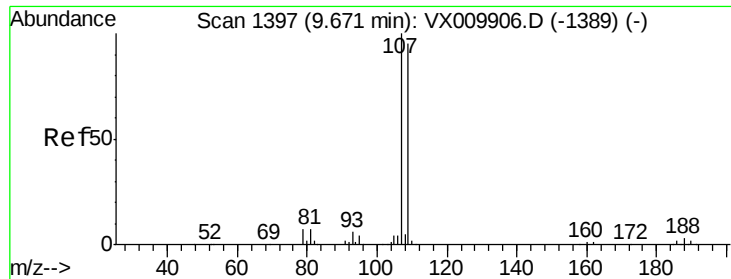
MMDadoda
6/5/2019 9:26:33 AM



#60
Dibromochloromethane
Concen: 18.992 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.031 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion:107 Resp: 37243

Ion Ratio Lower Upper

107 100

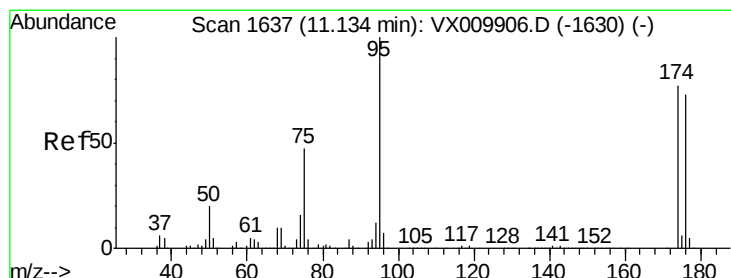
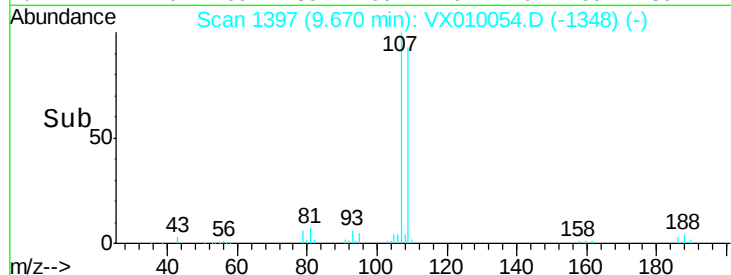
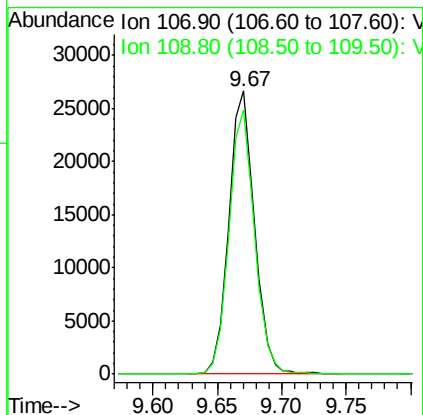
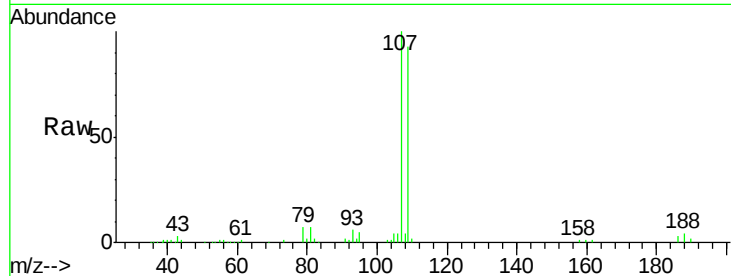
109 93.1 75.4 113.2

Manual Integrations

APPROVED

MMDadoda

6/5/2019 9:26:33 AM



#62

4-Bromofluorobenzene

Concen: 50.130 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

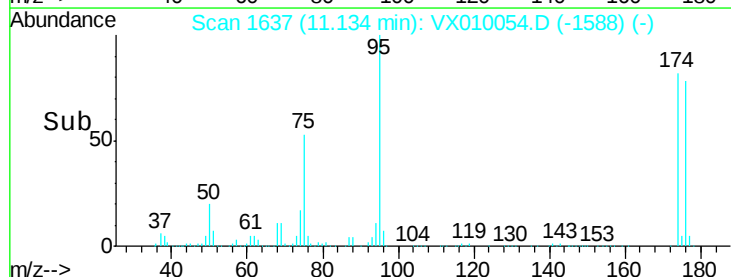
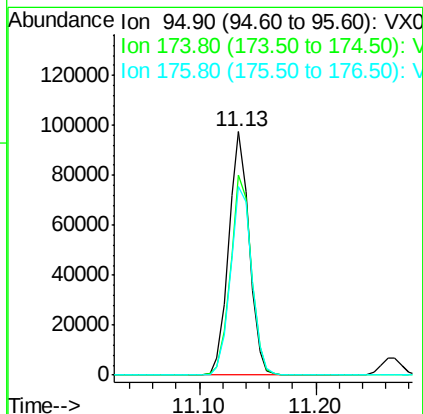
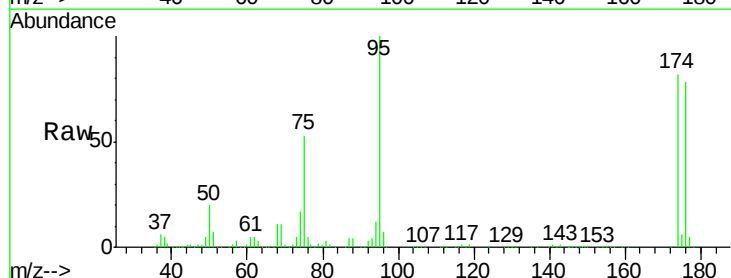
Tgt Ion: 95 Resp: 119054

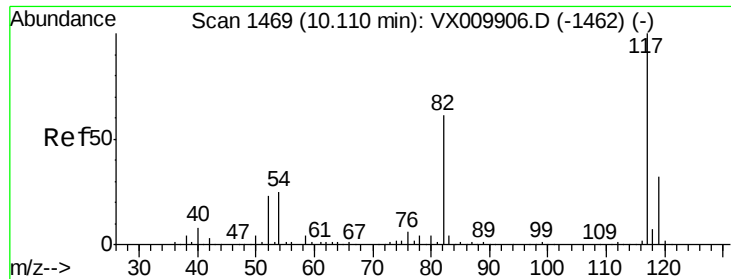
Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

176 80.9 0.0 154.6





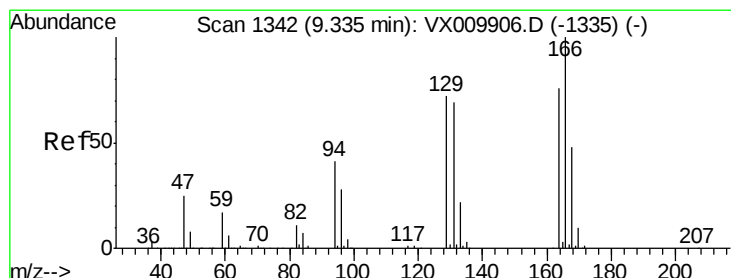
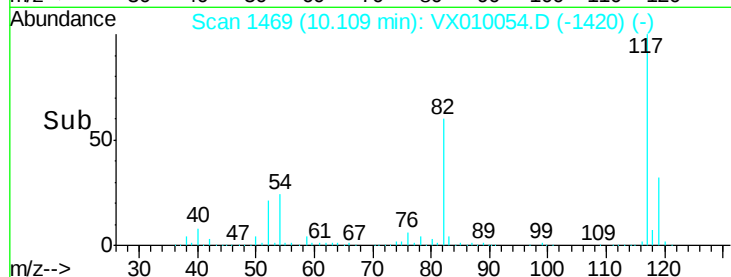
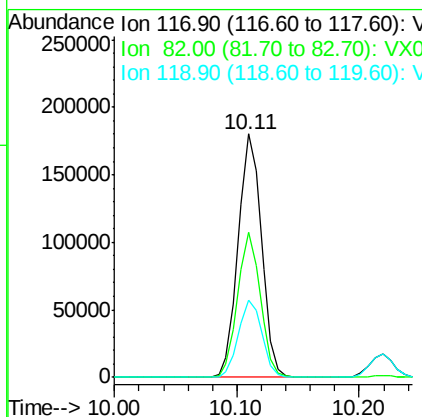
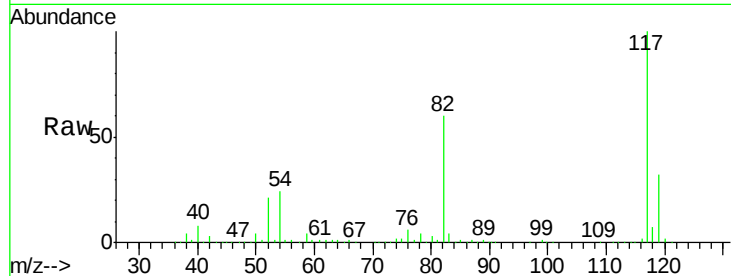
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	49.2	73.8
119	31.5	25.2	37.8

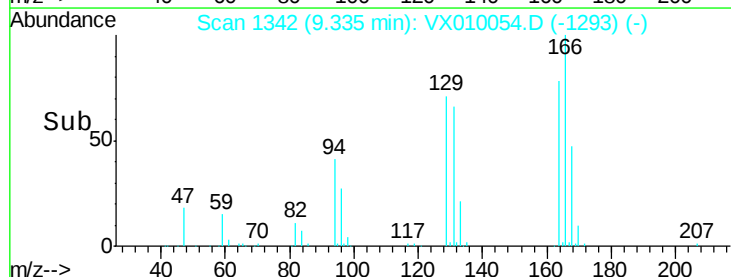
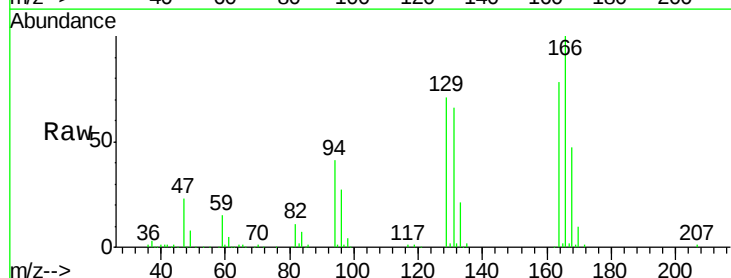
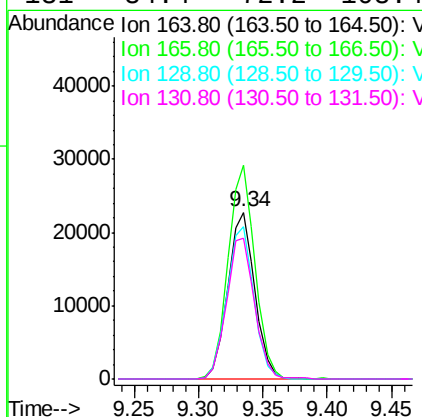
Manual Integrations
APPROVED

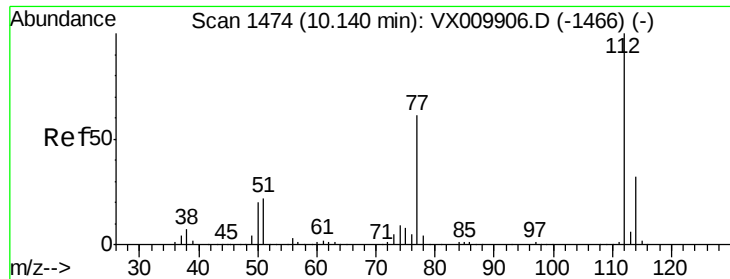
MMDadoda
6/5/2019 9:26:33 AM



#64
Tetrachloroethene
Concen: 20.180 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	105.0	157.4
129	91.1	75.1	112.7
131	84.4	72.2	108.4





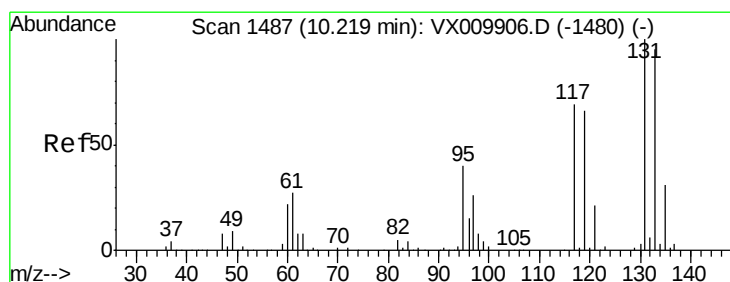
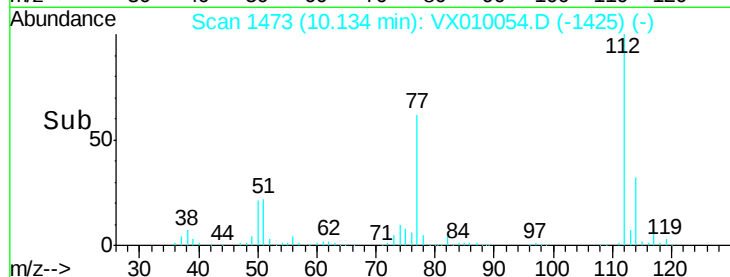
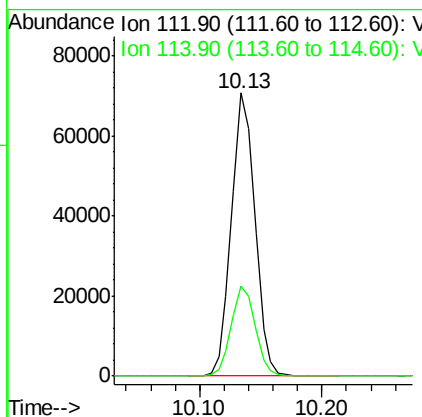
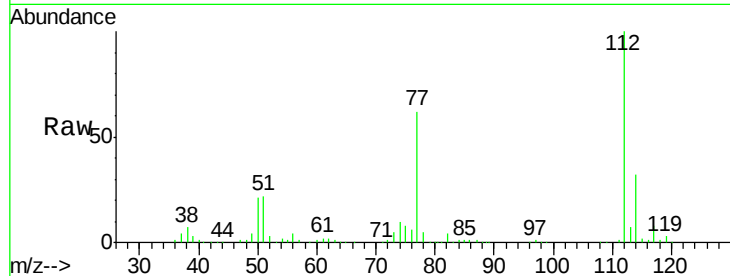
#65
Chlorobenzene
Concen: 18.987 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

Tot Ion:112 Resp: 94190
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

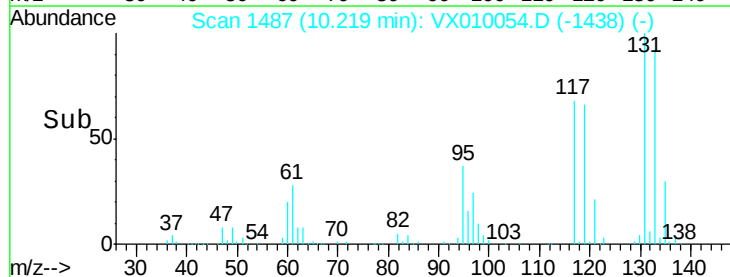
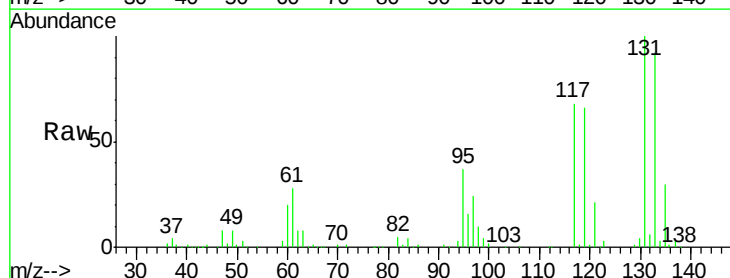
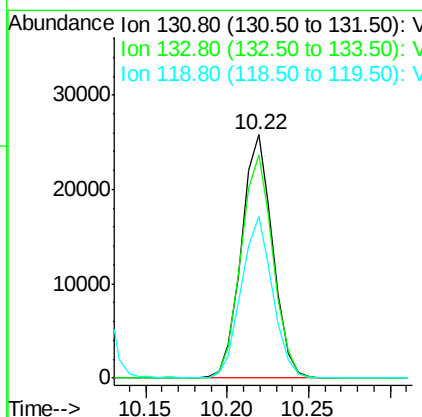
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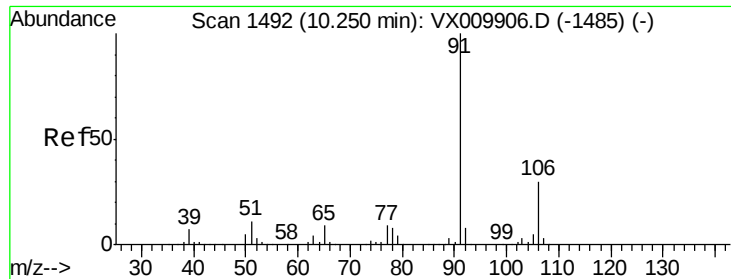
MMDadoda
6/5/2019 9:26:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.998 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:131 Resp: 34408
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 66.6 33.4 100.1





#67

Ethyl Benzene

Concen: 19.574 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

Tot Ion: 91 Resp: 174342

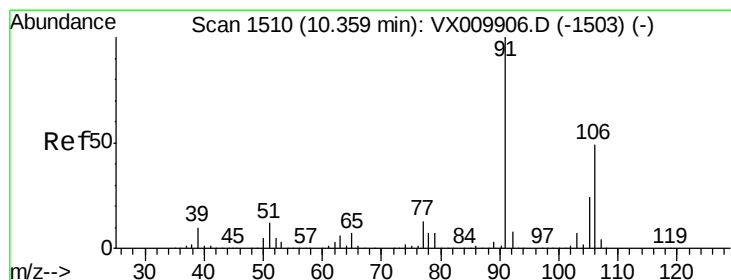
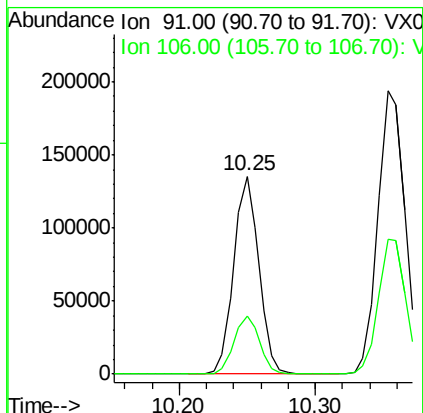
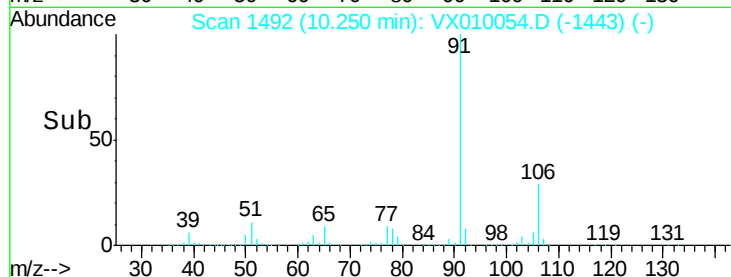
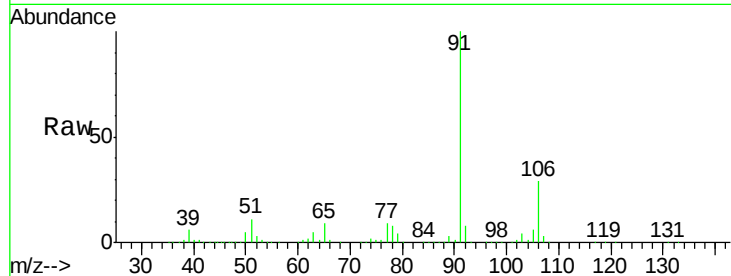
Ion Ratio Lower Upper

91 100

106 29.1 23.9 35.9

Manual Integrations
APPROVED

MMDadoda
6/5/2019 9:26:33 AM



#68

m/p-Xylenes

Concen: 39.212 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010054.D

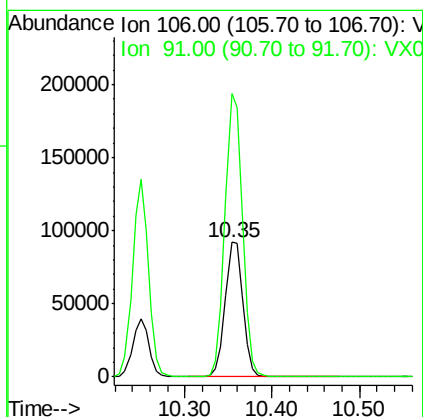
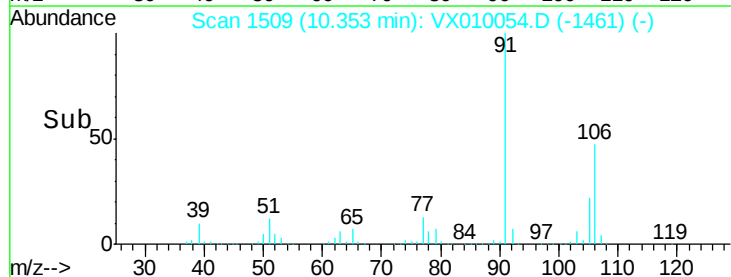
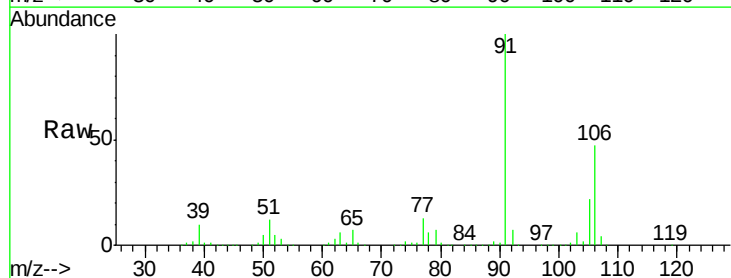
Acq: 04 Jun 2019 12:02

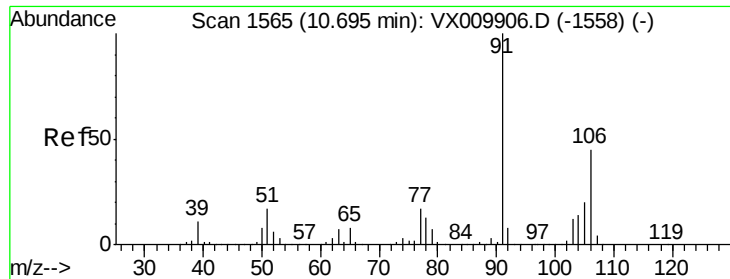
Tgt Ion: 106 Resp: 129027

Ion Ratio Lower Upper

106 100

91 207.7 167.3 250.9





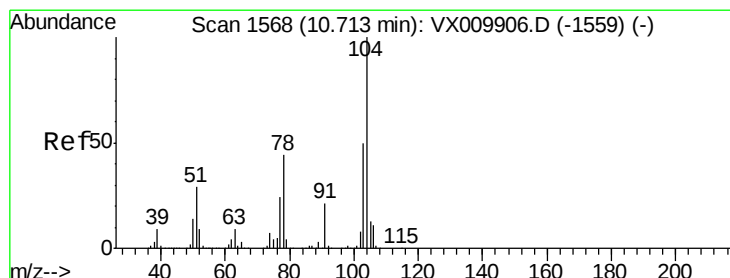
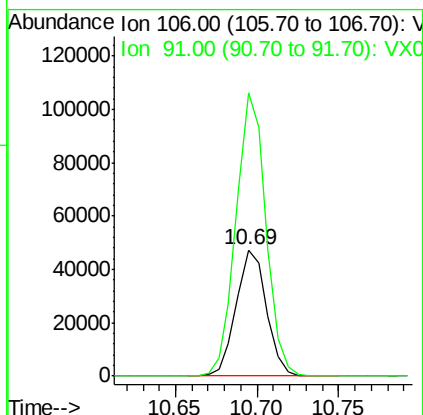
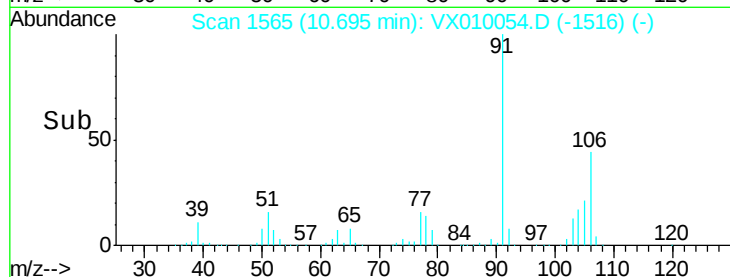
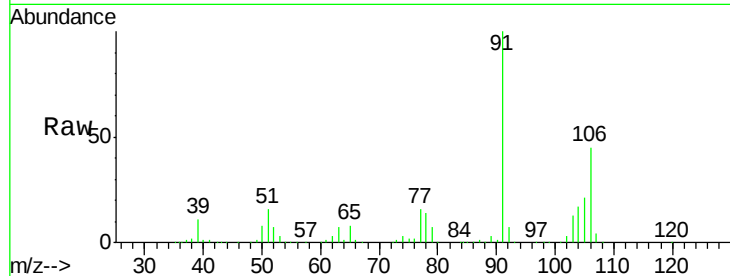
#69
o-Xylene
Concen: 19.405 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

Tot Ion:106 Resp: 61237
Ion Ratio Lower Upper
106 100
91 221.7 110.4 331.2

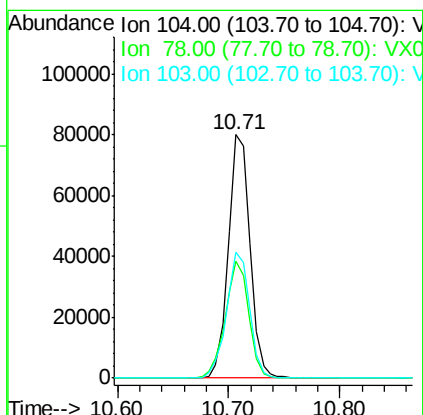
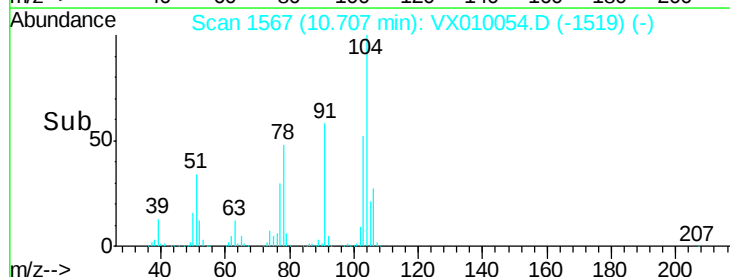
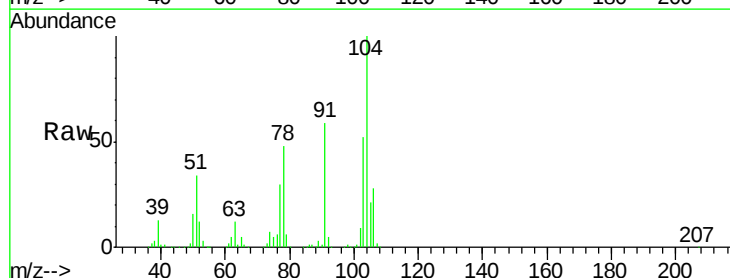
Manual Integrations
APPROVED

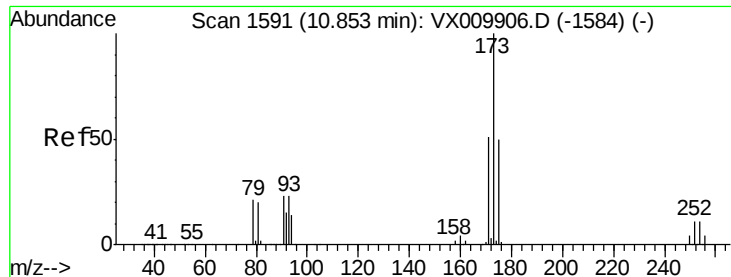
MMDadoda
6/5/2019 9:26:33 AM



#70
Styrene
Concen: 19.472 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion:104 Resp: 107754
Ion Ratio Lower Upper
104 100
78 51.9 42.1 63.1
103 55.2 44.1 66.1





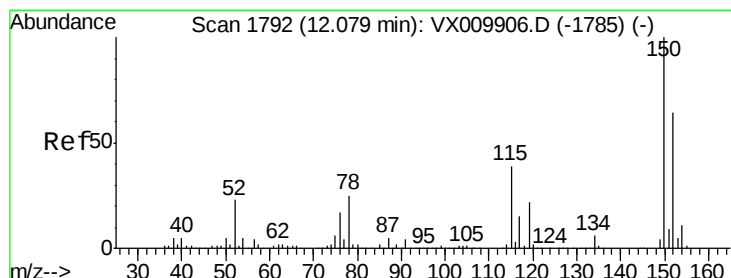
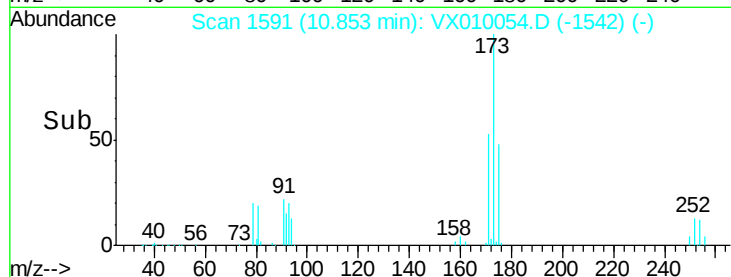
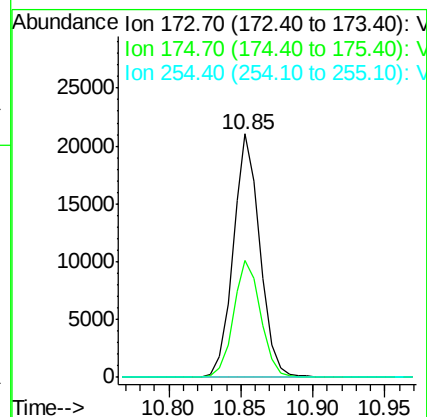
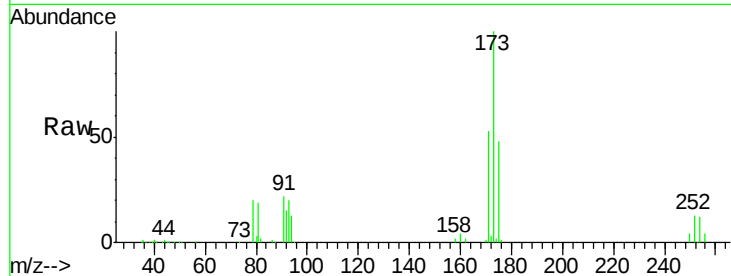
#71
Bromoform
Concen: 19.390 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	25.0	75.0
254	0.0	0.2	0.2

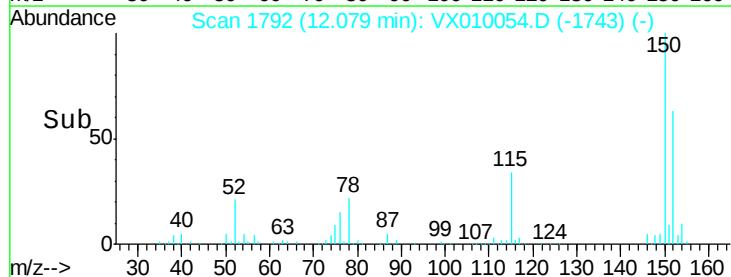
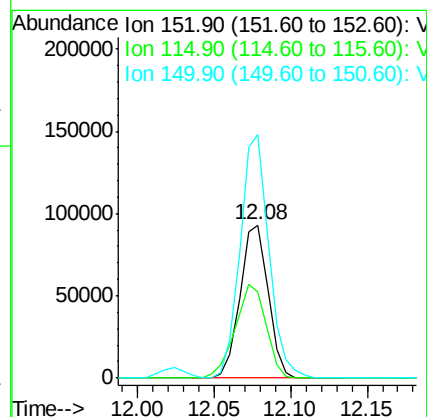
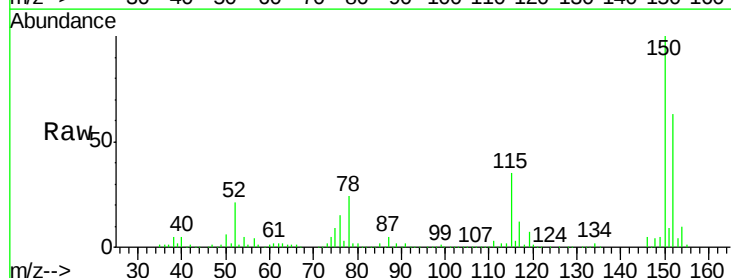
Manual Integrations
APPROVED

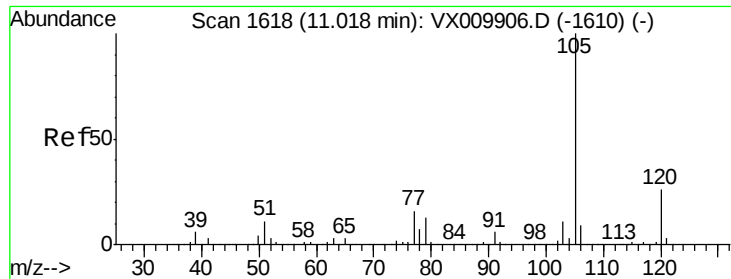
MMDadoda
6/5/2019 9:26:33 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	41.4	124.2
150	163.4	0.0	345.2





#73

Isopropylbenzene

Concen: 19.382 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

Tot Ion: 105 Resp: 168554

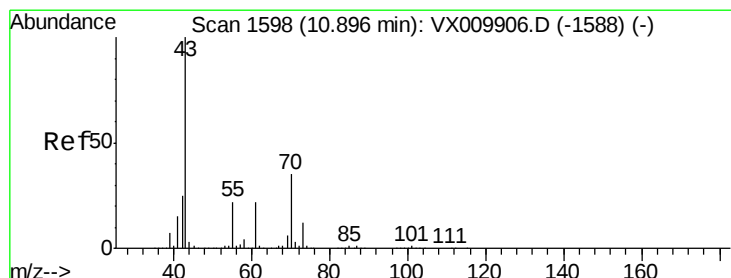
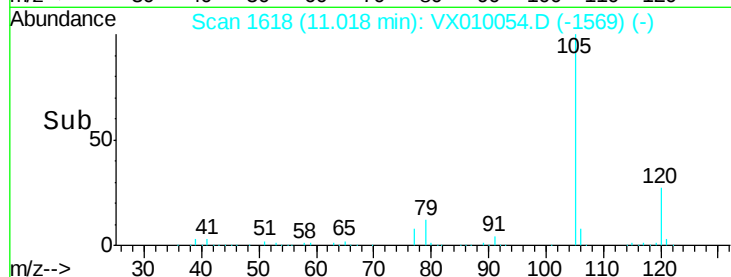
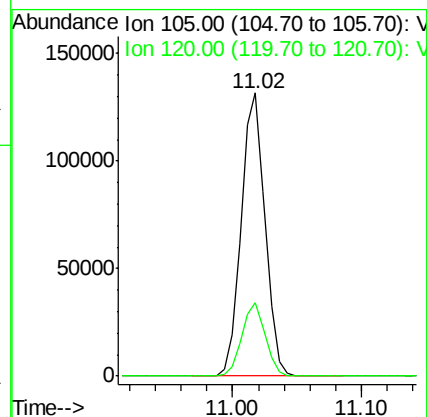
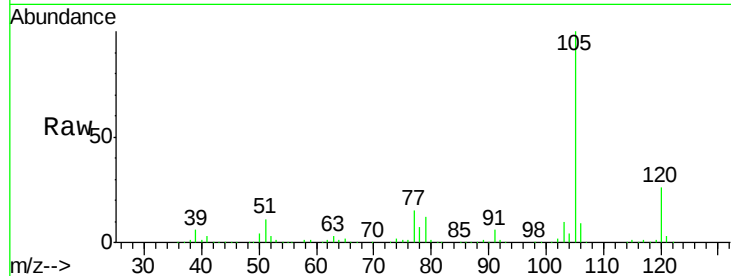
Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4

Manual Integrations
APPROVED

MMDadoda
6/5/2019 9:26:33 AM



#74

N-ethyl acetate

Concen: 18.018 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion: 43 Resp: 93632

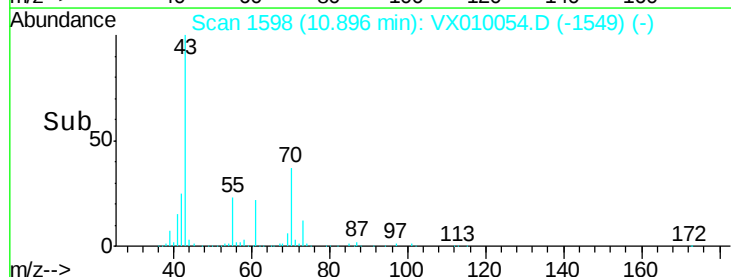
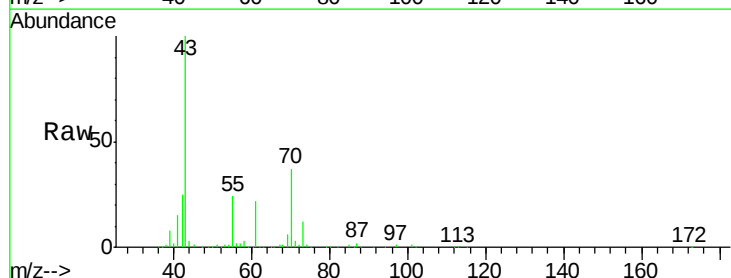
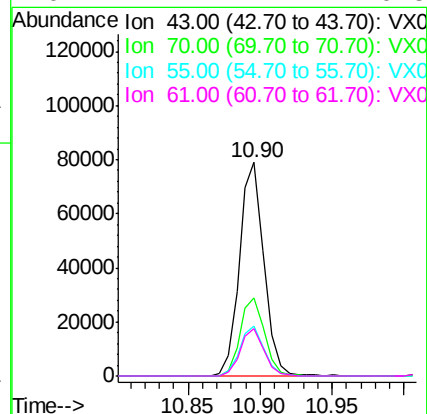
Ion Ratio Lower Upper

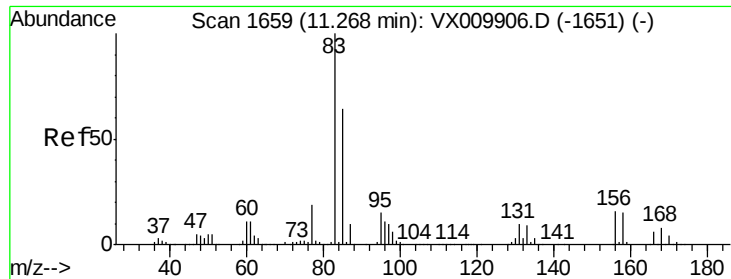
43 100

70 36.8 28.6 43.0

55 23.5 17.8 26.8

61 21.7 17.7 26.5





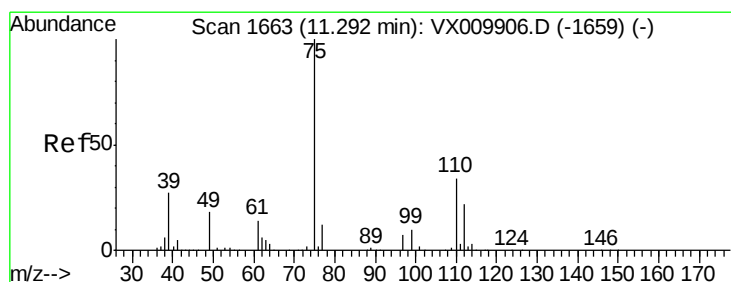
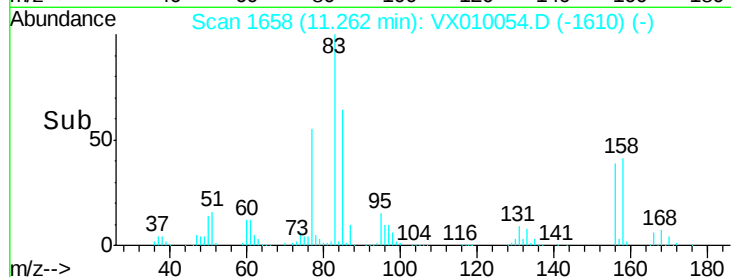
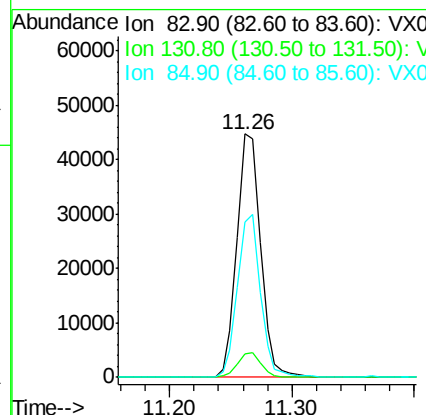
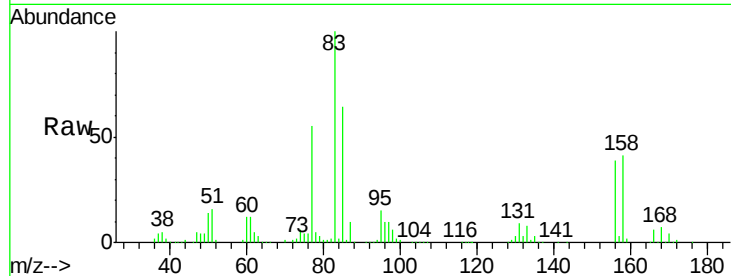
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.473 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	59932		
131	9.8	4.7	14.1	
85	65.1	31.9	95.9	

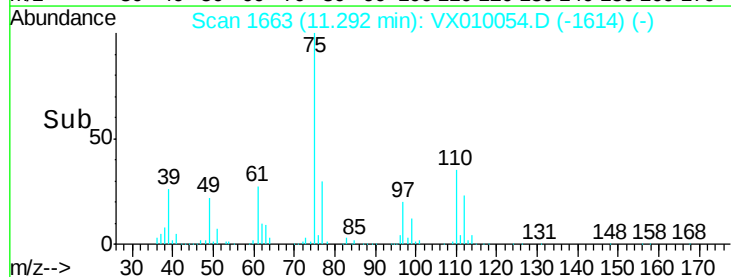
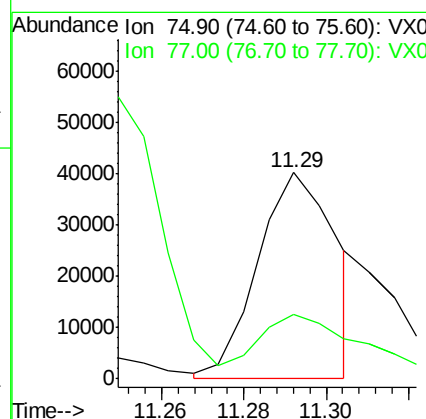
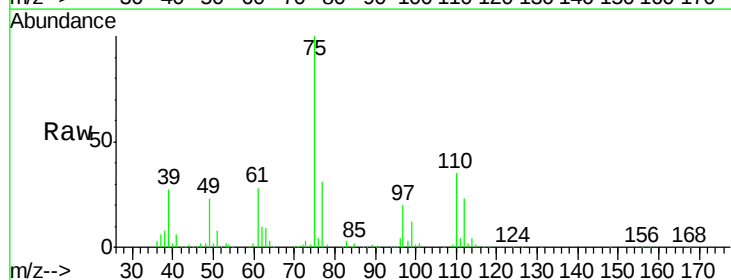
Manual Integrations
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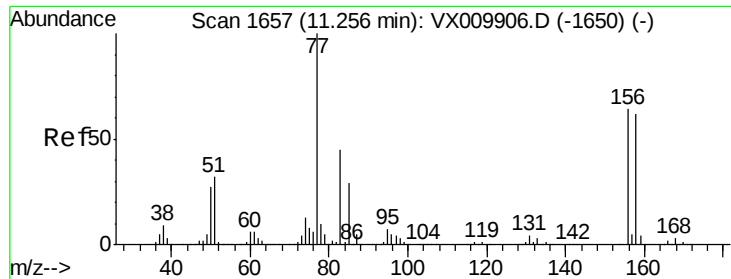
MMDadoda
 6/5/2019 9:26:33 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.944 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	53393		
77	41.7	22.1	66.1	





#77

Bromobenzene

Concen: 18.703 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

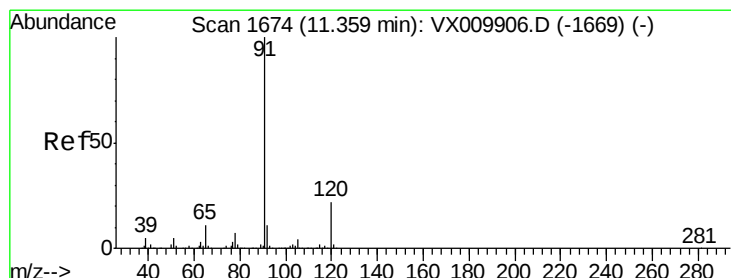
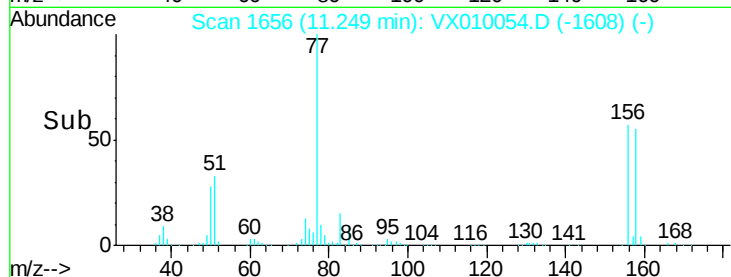
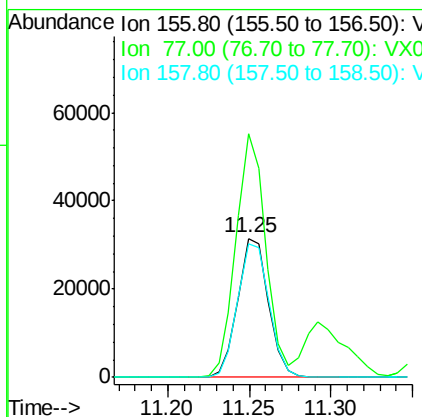
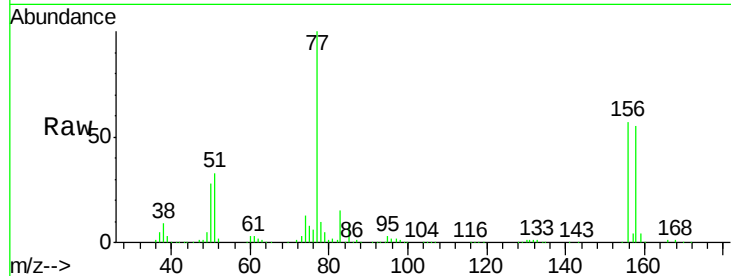
ClientSampled :

VX0604WBS01

Tot Ion:	156	Resp:	41451
Ion	Ratio	Lower	Upper
156	100		
77	169.6	86.8	260.3
158	99.1	49.6	148.8

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#78

n-propylbenzene

Concen: 19.276 ug/l

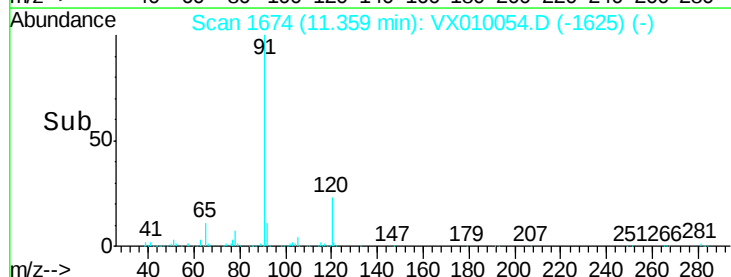
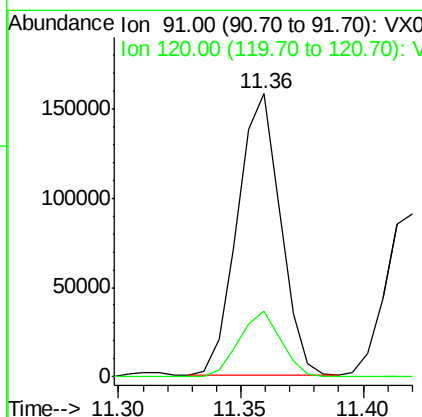
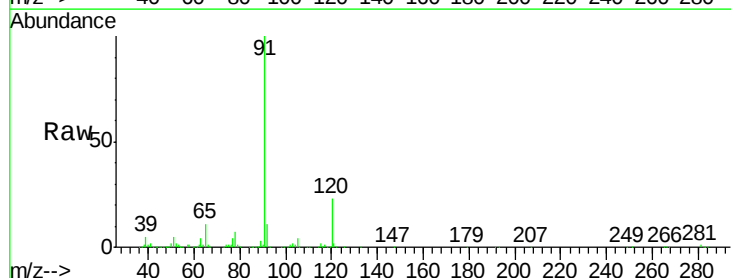
RT: 11.36 min Scan# 1674

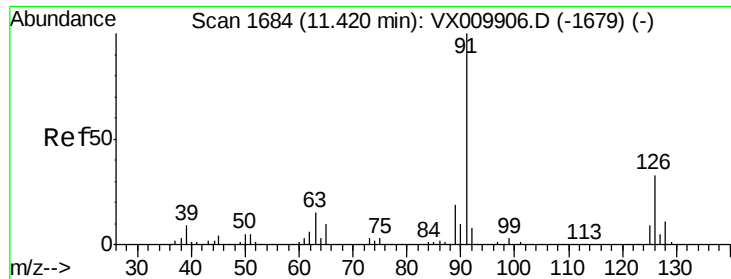
Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Tgt Ion:	91	Resp:	193222
Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.3





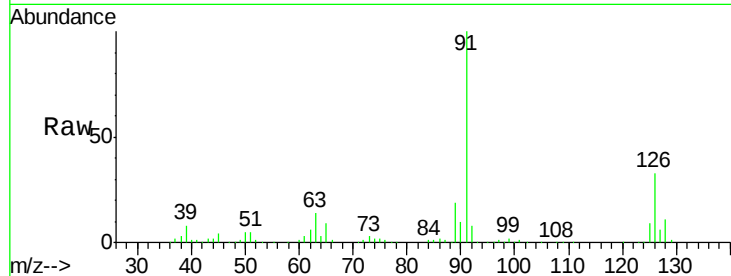
#79
2-Chlorotoluene
Concen: 18.867 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

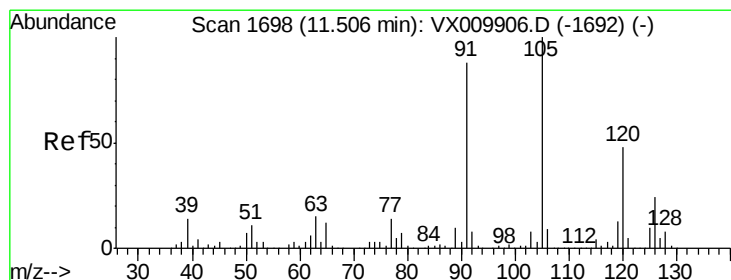
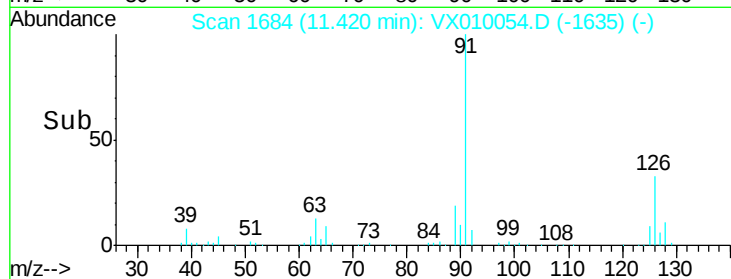
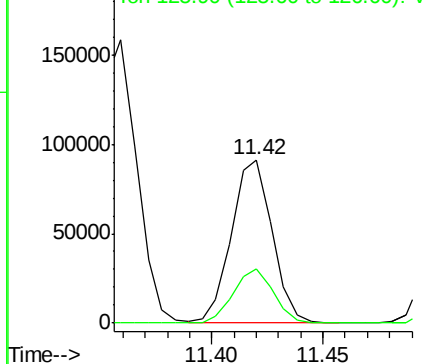
Tot Ion: 91 Resp: 115547
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.3

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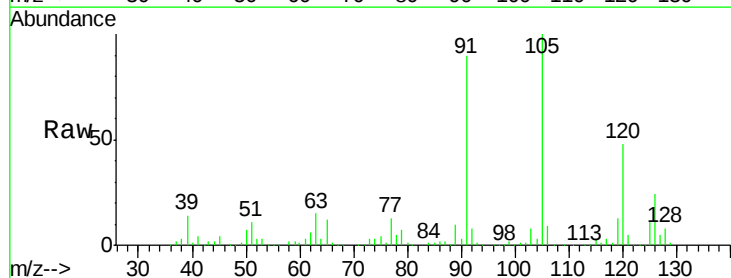


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

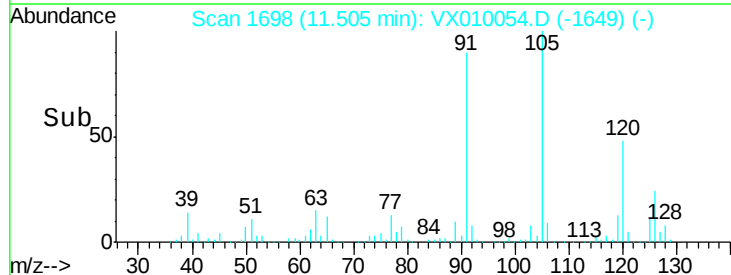
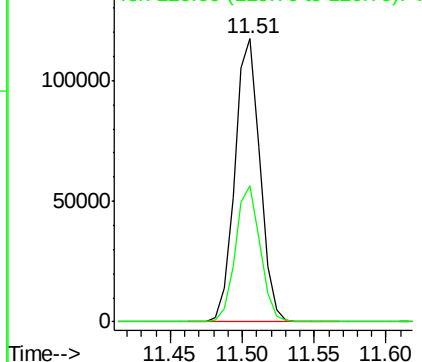


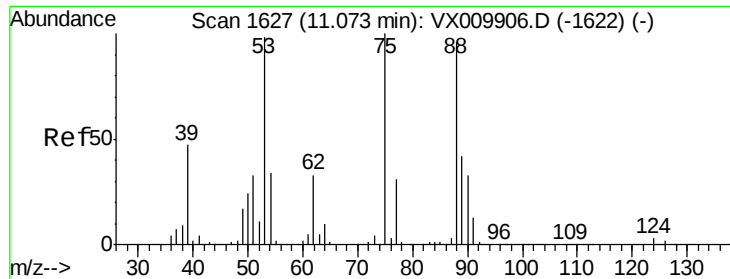
#80
1,3,5-Trimethylbenzene
Concen: 19.605 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion: 105 Resp: 143631
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.323 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion: 75 Resp: 19734

Ion Ratio Lower Upper

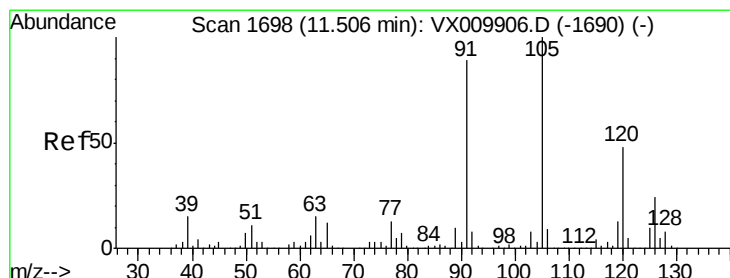
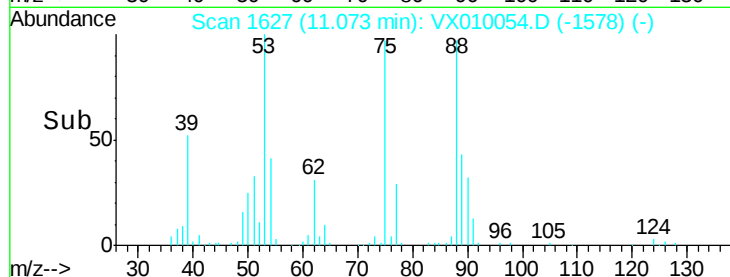
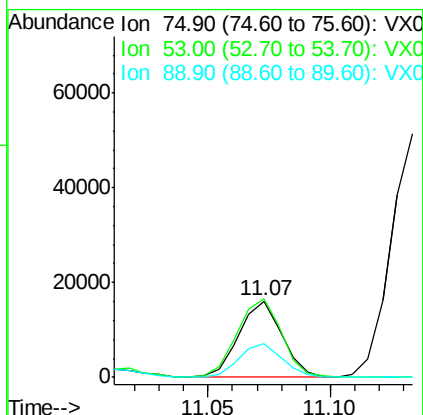
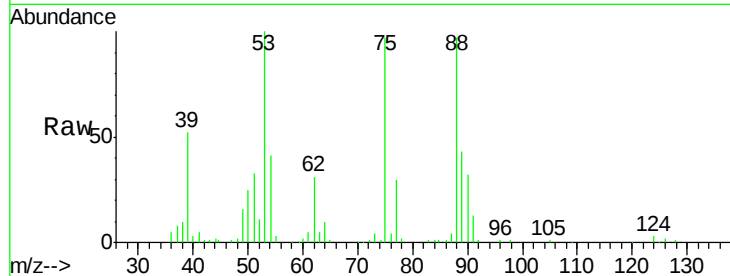
75 100

53 106.4 79.8 119.6

89 45.0 34.2 51.4

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#82

4-Chlorotoluene

Concen: 18.677 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010054.D

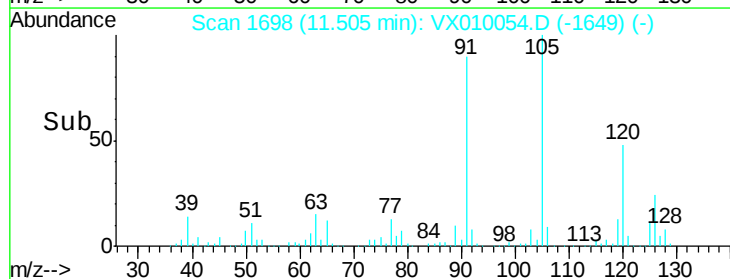
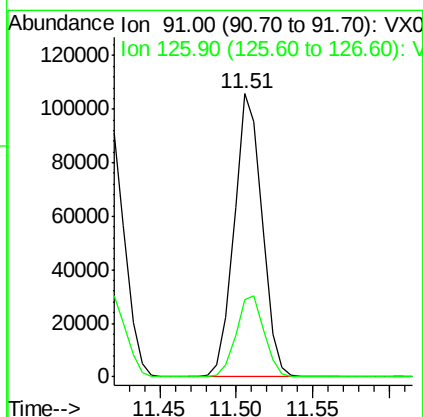
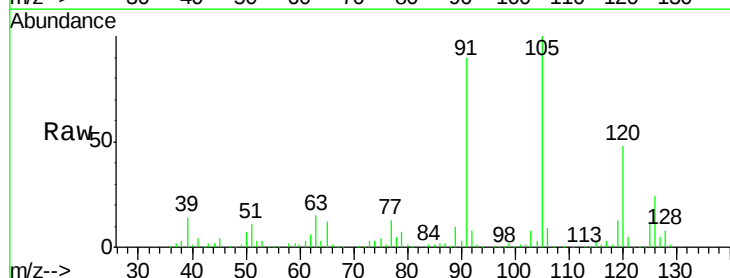
Acq: 04 Jun 2019 12:02

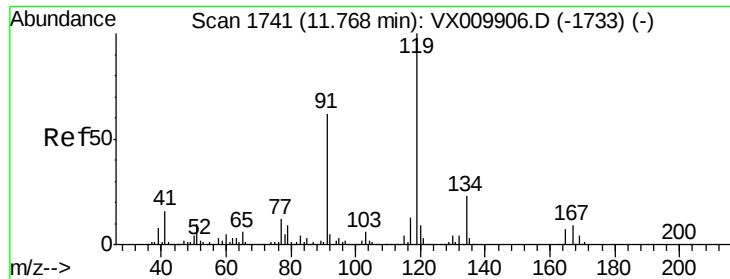
Tgt Ion: 91 Resp: 133159

Ion Ratio Lower Upper

91 100

126 29.0 14.2 42.6





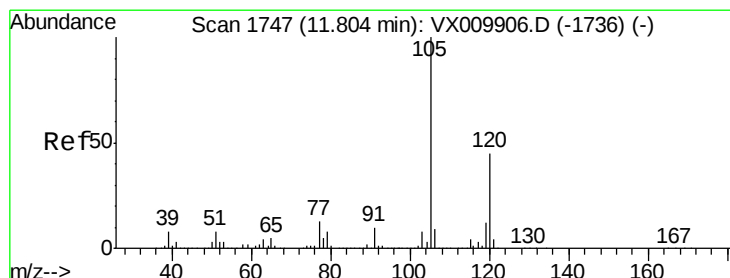
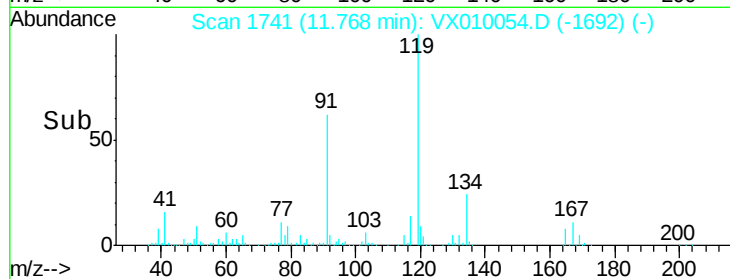
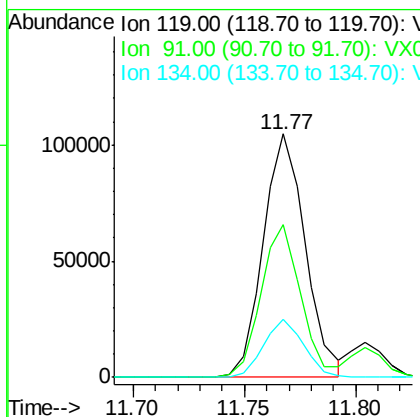
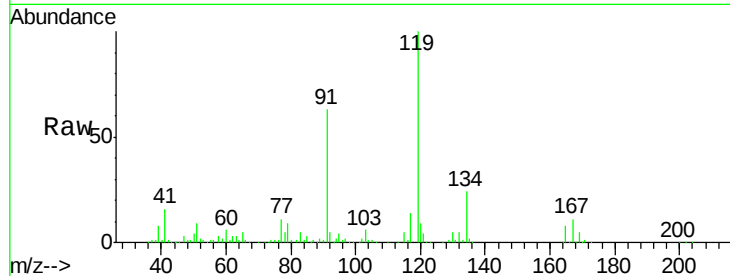
#83
tert-Butylbenzene
Concen: 19.594 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	137335		
91	59.8	30.0	90.0	
134	22.7	11.2	33.5	

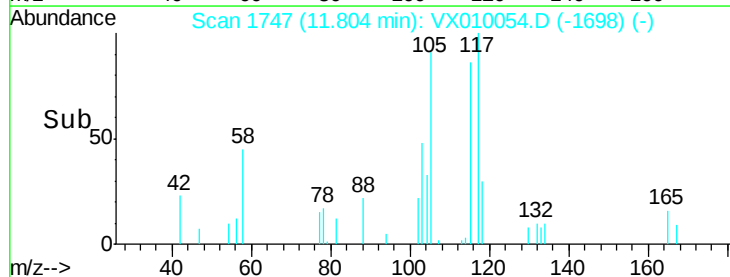
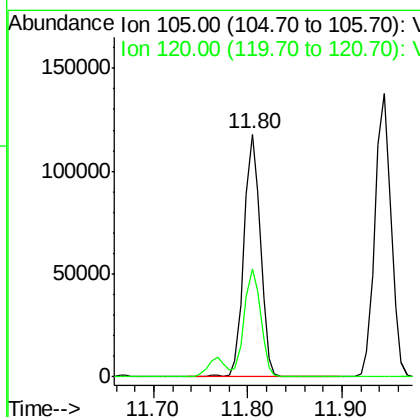
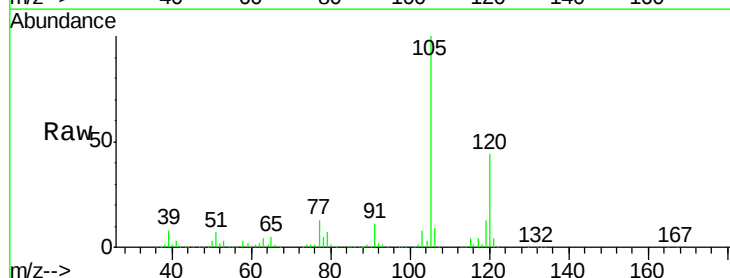
Manual Integrations
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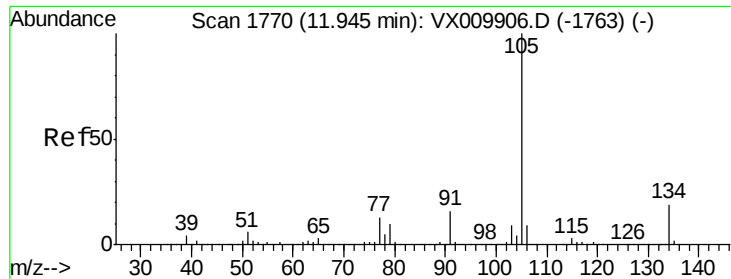
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.348 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143957		
120	44.8	22.1	66.1	





#85

sec-Butylbenzene

Concen: 19.703 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

Tot Ion:105 Resp: 164292

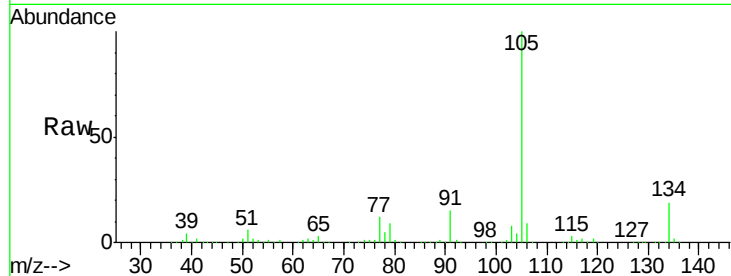
Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

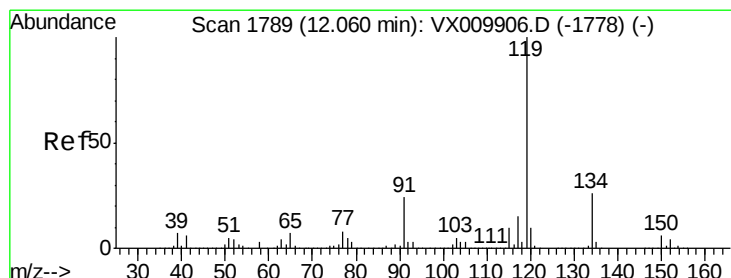
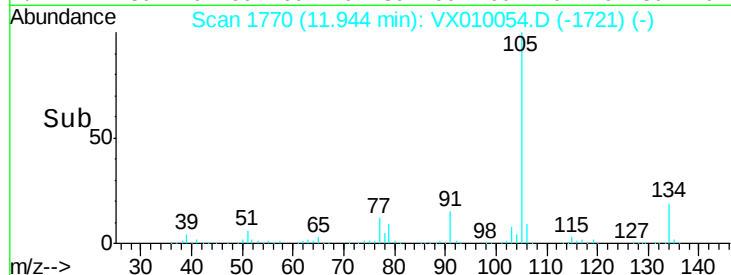
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.321 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010054.D

Acq: 04 Jun 2019 12:02

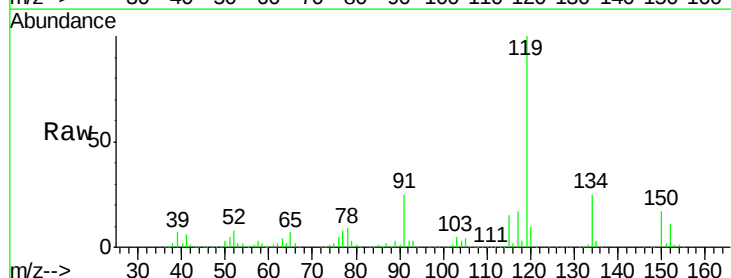
Tgt Ion:119 Resp: 152414

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 24.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

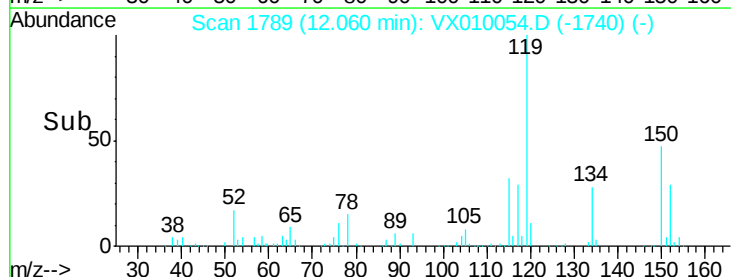
150000

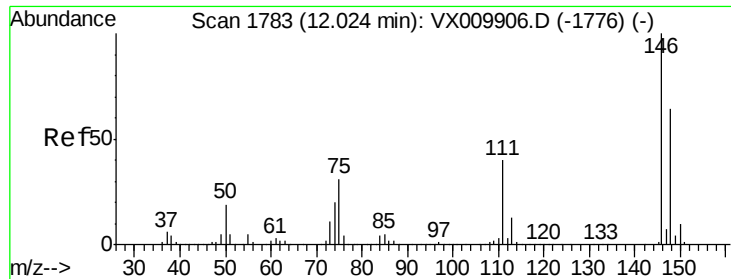
100000

50000

0

Time-->





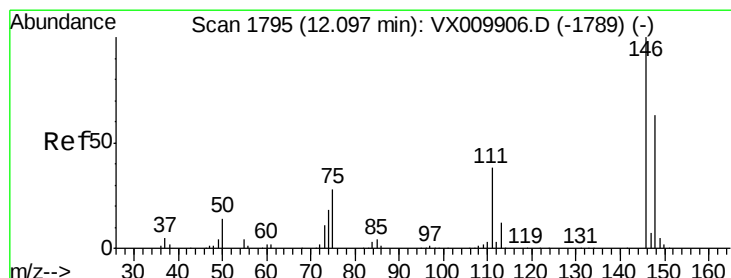
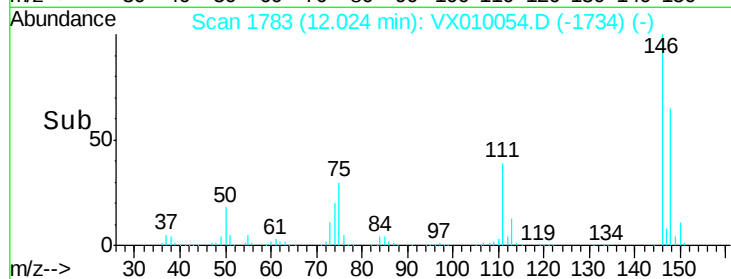
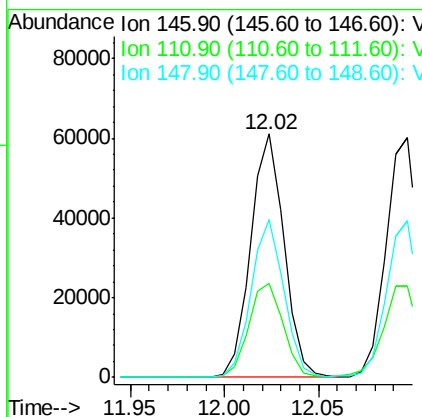
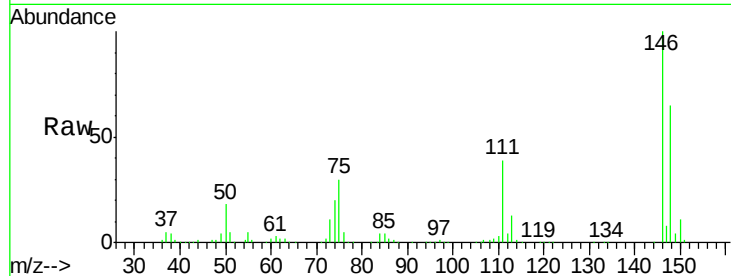
#87
 1,3-Dichlorobenzene
 Concen: 19.000 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0604WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.6	31.9	95.5

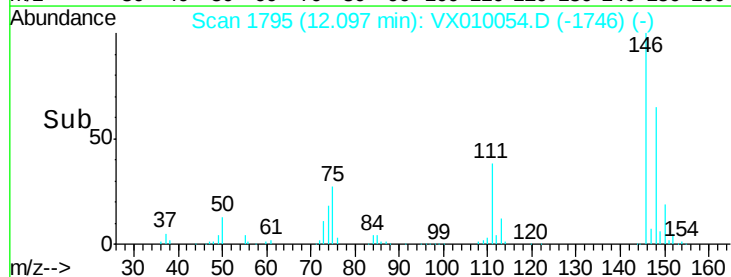
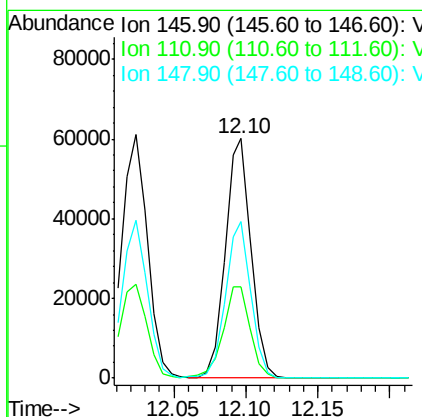
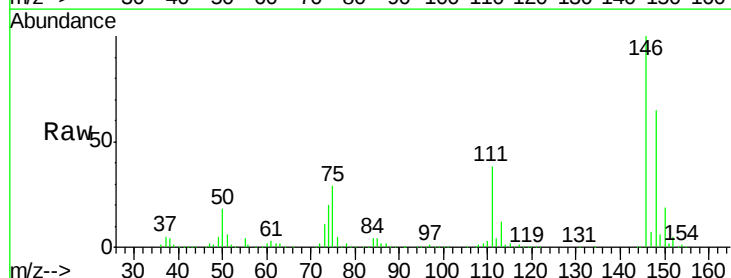
Manual Integrations
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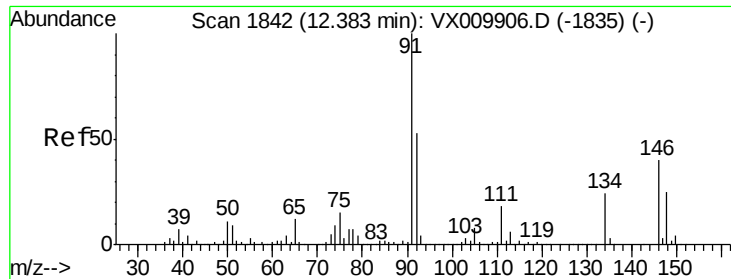
MMDadoda
 6/5/2019 9:26:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.755 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	64.3	32.3	96.9





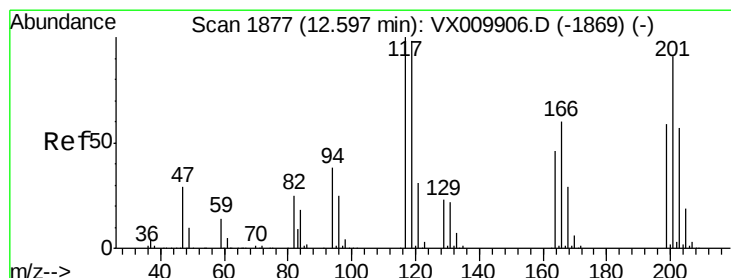
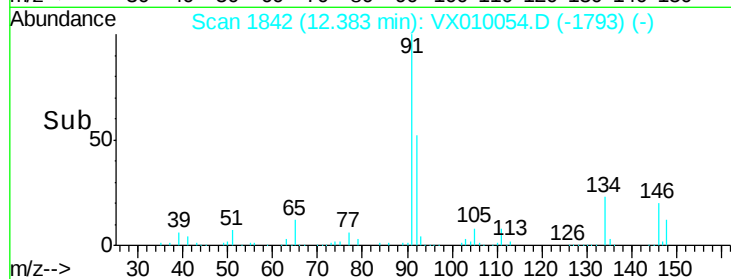
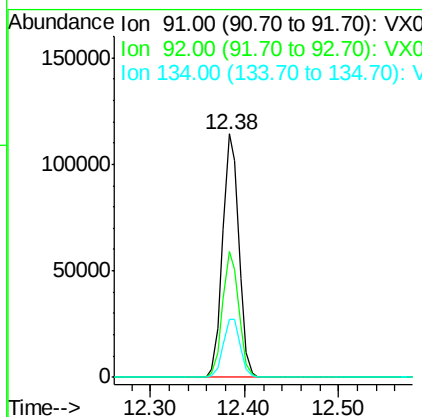
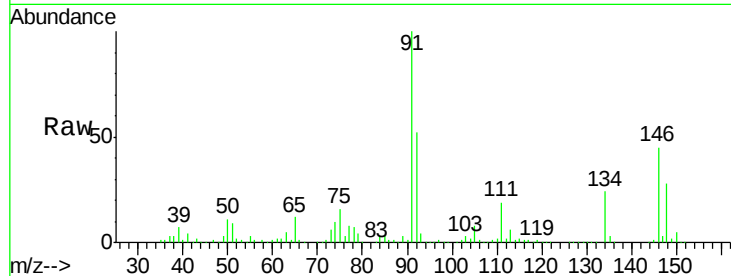
#89
n-Butylbenzene
Concen: 19.466 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
92	51.4	26.3	78.8	
134	24.8	12.3	36.8	

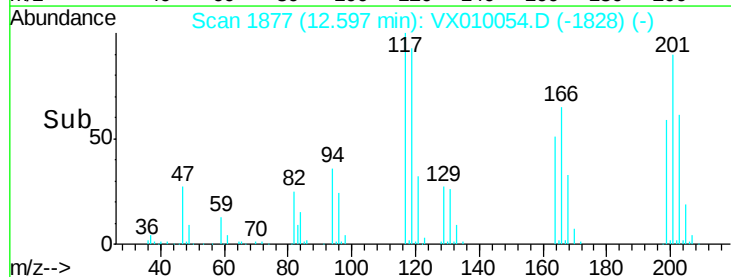
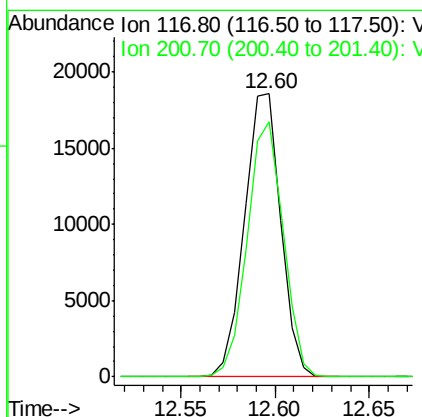
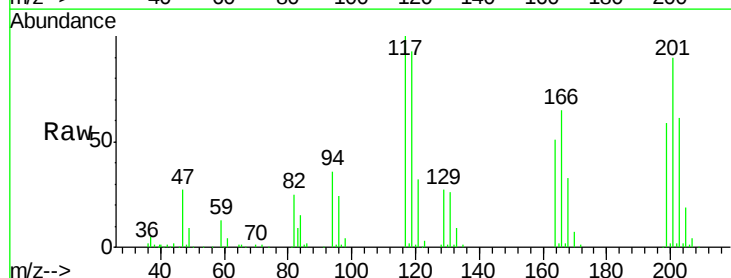
Manual Integrations
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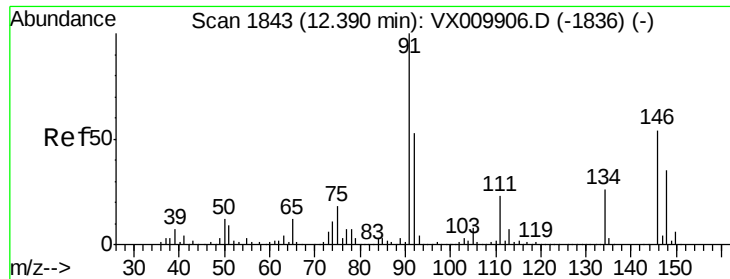
MMDadoda
6/5/2019 9:26:33 AM



#90
Hexachloroethane
Concen: 19.311 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
117	100			
201	89.3	43.6	130.9	





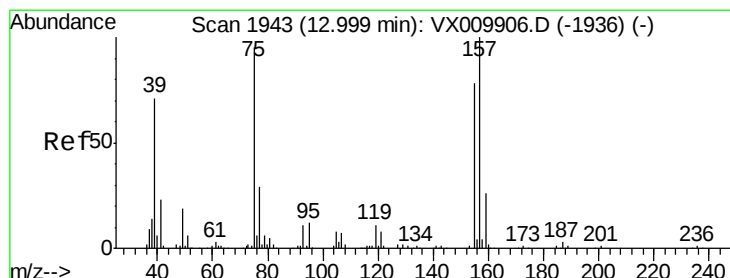
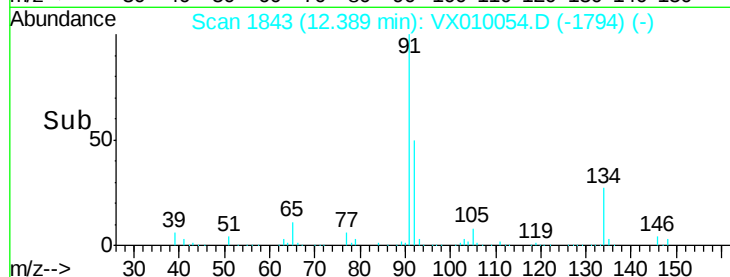
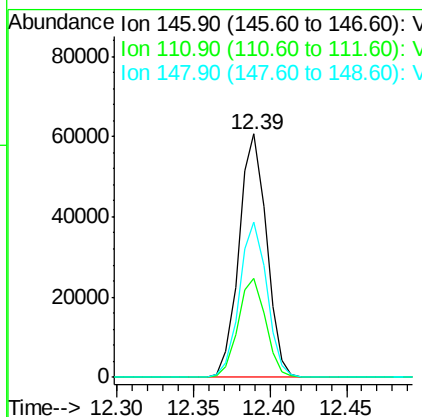
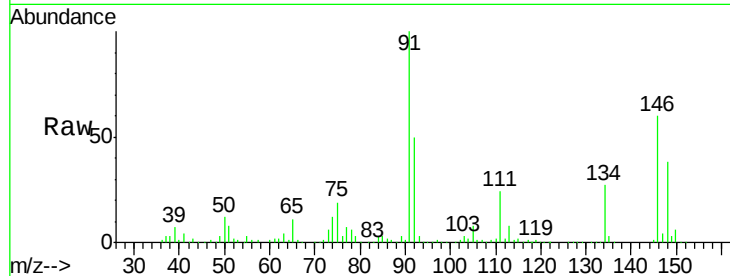
#91
 1,2-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.1	63.1
148	63.5	32.3	96.8

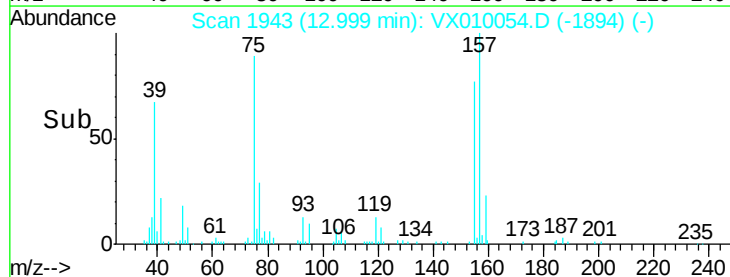
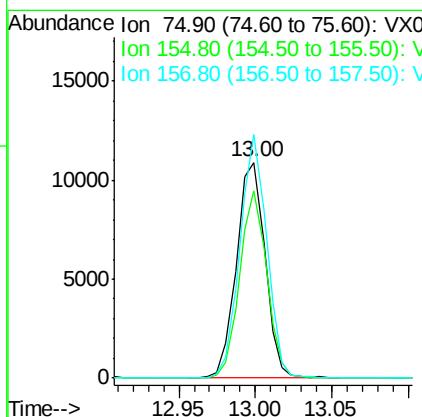
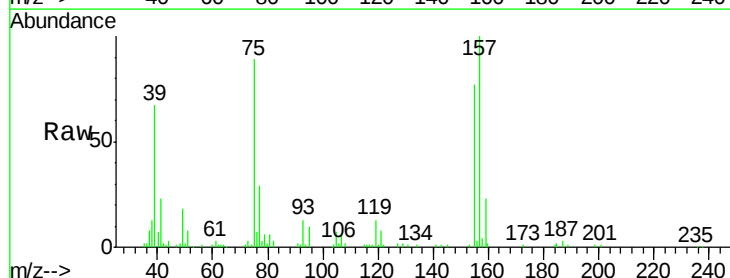
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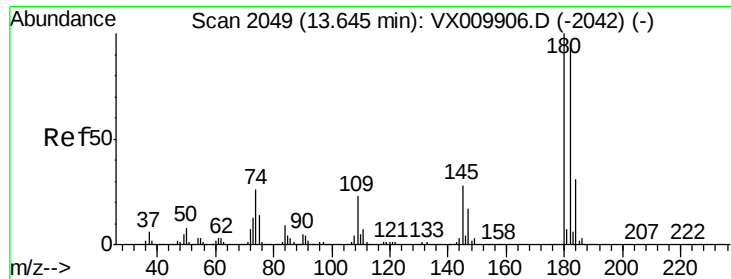
MMDadoda
 6/5/2019 9:26:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.528 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	39.3	117.8
157	105.4	50.6	151.8





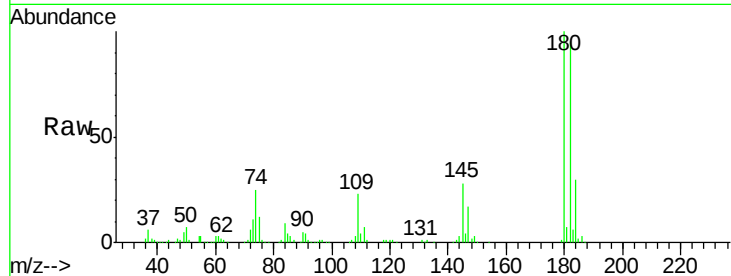
#93
 1,2,4-Trichlorobenzene
 Concen: 19.823 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0604WBS01

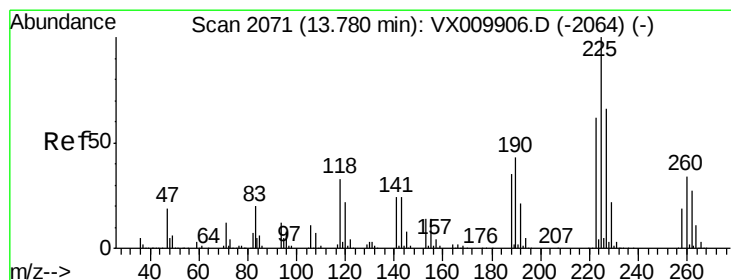
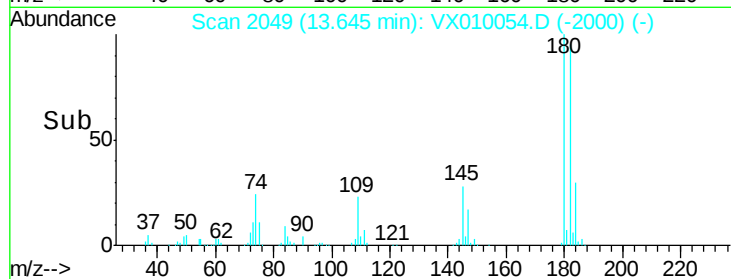
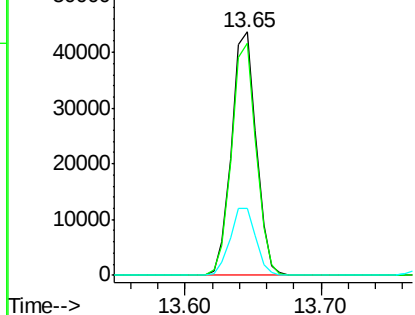
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	28.7	14.5	43.5

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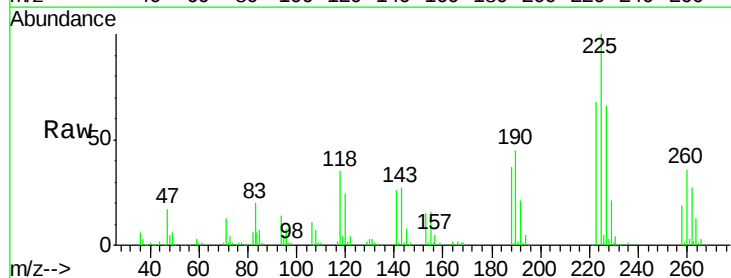


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

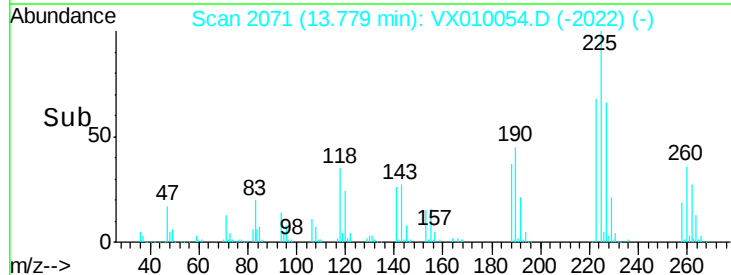
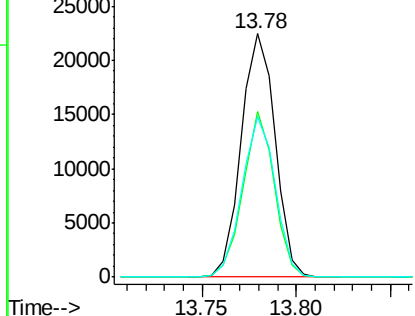


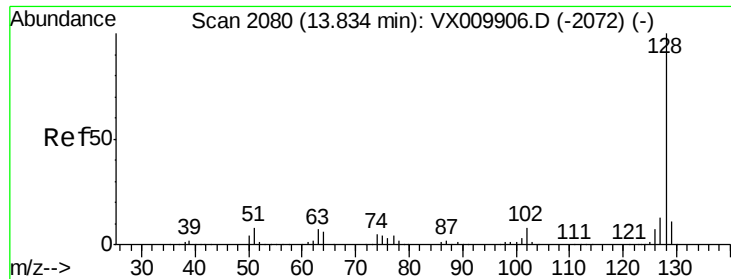
#94
 Hexachlorobutadiene
 Concen: 20.103 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010054.D
 Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	64.6	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





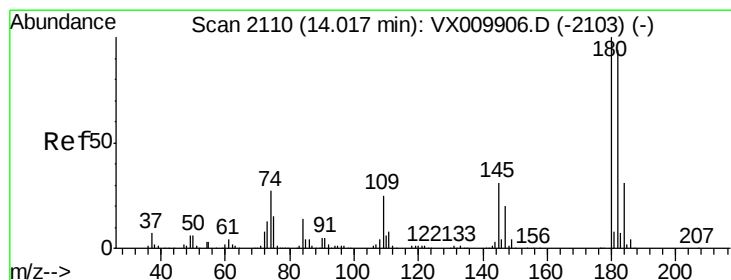
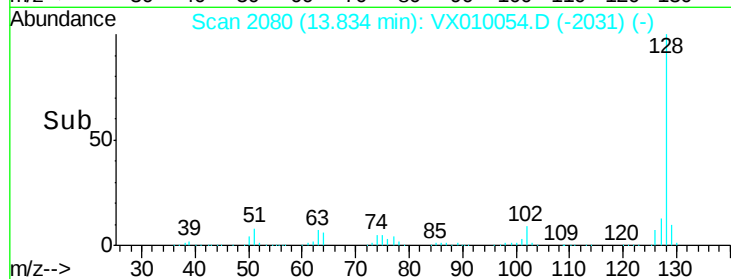
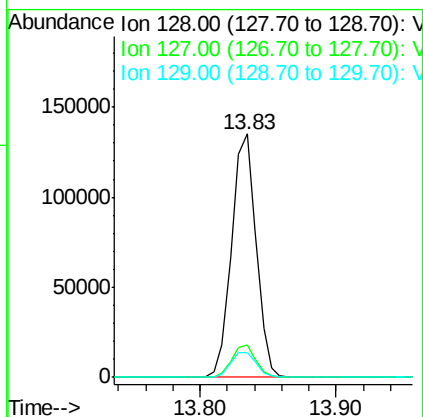
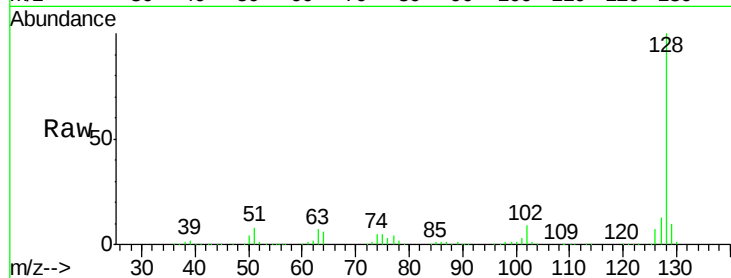
#95
Naphthalene
Concen: 19.638 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.9	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.695 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010054.D
Acq: 04 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.3	142.0
145	31.2	15.6	46.7

