

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010667.D
 Acq On : 04 Jul 2019 05:08
 Operator : JC/SP
 Sample : VX0703WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:23 AM

Quant Time: Jul 04 05:51:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	330217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107696	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.50	113	102745	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	378631	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	137307	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37607	25.163	ug/l	99
3) Chloromethane	1.32	50	39518	22.708	ug/l	99
4) Vinyl Chloride	1.41	62	43976	23.071	ug/l	99
5) Bromomethane	1.64	94	25386	27.337	ug/l	97
6) Chloroethane	1.72	64	27915	24.822	ug/l	99
7) Trichlorofluoromethane	1.93	101	72343	23.941	ug/l	97
8) Diethyl Ether	2.19	74	26172	24.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40629	22.187	ug/l	97
10) Methyl Iodide	2.51	142	49059	18.773	ug/l	98
11) Tert butyl alcohol	3.04	59	58626	111.159	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42201	22.648	ug/l	97
13) Acrolein	2.29	56	28340	81.002	ug/l	97
14) Allyl chloride	2.73	41	54512	20.606	ug/l	97
15) Acrylonitrile	3.14	53	118256	113.249	ug/l	98
16) Acetone	2.45	43	98178	97.192	ug/l	99
17) Carbon Disulfide	2.57	76	100230	20.050	ug/l	100
18) Methyl Acetate	2.78	43	49854	24.763	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	132926	22.676	ug/l	99
20) Methylene Chloride	2.85	84	47419	22.811	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44476	22.193	ug/l	96
22) Diisopropyl ether	3.85	45	126146	22.807	ug/l	96
23) Vinyl Acetate	3.81	43	516412	108.079	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72693	22.737	ug/l	99
25) 2-Butanone	4.67	43	159528	107.662	ug/l	100
26) 2,2-Dichloropropane	4.59	77	35510	12.786	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	50241	21.695	ug/l	99
28) Bromochloromethane	5.01	49	29049	19.004	ug/l	93
29) Tetrahydrofuran	5.13	42	105065	114.474	ug/l	99
30) Chloroform	5.21	83	78107	22.706	ug/l	96
31) Cyclohexane	5.58	56	65087	22.356	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	66226	21.804	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56011	21.345	ug/l	99
37) Ethyl Acetate	4.83	43	59448	22.021	ug/l	100
38) Carbon Tetrachloride	5.79	117	55481	19.525	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69118	20.038	ug/l	97
40) Benzene	6.14	78	177222	21.678	ug/l	99
41) Methacrylonitrile	5.04	41	33264	22.458	ug/l	96
42) 1,2-Dichloroethane	6.20	62	58490	23.504	ug/l	99
43) Isopropyl Acetate	6.45	43	94992	21.268	ug/l	98
44) Trichloroethene	7.21	130	51371	21.000	ug/l	94
45) 1,2-Dichloropropane	7.51	63	44566	21.587	ug/l	98
46) Dibromomethane	7.66	93	32363	21.849	ug/l	97
47) Bromodichloromethane	7.90	83	54361	20.026	ug/l	99
48) Methyl methacrylate	7.77	41	45684	22.005	ug/l	99
49) 1,4-Dioxane	7.74	88	26151	437.271	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	320334	112.142	ug/l	99
52) Toluene	8.79	92	115947	21.537	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53583	17.607	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62050	18.762	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	21.988	ug/l	98
56) Ethyl methacrylate	9.18	69	70778	21.043	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74688	21.670	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	153076	95.826	ug/l	99
59) 2-Hexanone	9.49	43	247162	109.939	ug/l	98
60) Dibromochloromethane	9.58	129	47234	19.000	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50374	21.019	ug/l	99
64) Tetrachloroethene	9.34	164	52119	21.369	ug/l	96
65) Chlorobenzene	10.14	112	129997	21.234	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	44451	19.933	ug/l	98
67) Ethyl Benzene	10.25	91	218290	21.121	ug/l	100
68) m/p-Xylenes	10.36	106	170988	42.697	ug/l	99
69) o-Xylene	10.70	106	82653	20.987	ug/l	99
70) Styrene	10.71	104	138890	21.029	ug/l	99
71) Bromoform	10.85	173	33411	17.229	ug/l #	97
73) Isopropylbenzene	11.02	105	219308	20.813	ug/l	98
74) N-amyl acetate	10.90	43	82140	20.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	73256	20.992	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58625m	20.696	ug/l	
77) Bromobenzene	11.26	156	58907	20.021	ug/l	96
78) n-propylbenzene	11.36	91	241001	20.810	ug/l	99
79) 2-Chlorotoluene	11.42	91	143598	20.823	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181252	20.865	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16633	13.699	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166713	21.245	ug/l	99
83) tert-Butylbenzene	11.77	119	175930	20.178	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182794	20.945	ug/l	100
85) sec-Butylbenzene	11.94	105	209154	20.431	ug/l	100
86) p-Isopropyltoluene	12.06	119	192208	20.299	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103860	20.222	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102896	19.679	ug/l	98
89) n-Butylbenzene	12.38	91	155953	19.382	ug/l	99
90) Hexachloroethane	12.60	117	27381	16.723	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	104075	20.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14544	19.330	ug/l	89

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ClientSampleId :
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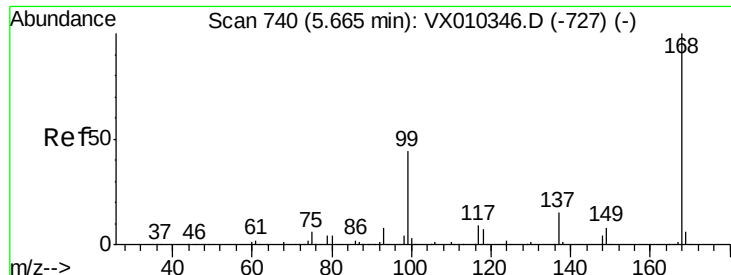
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66930	18.907	ug/l	100
94) Hexachlorobutadiene	13.78	225	32050	18.525	ug/l	99
95) Naphthalene	13.83	128	212277	19.514	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68045	19.333	ug/l	99

(#) = 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: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion:168 Resp: 214971

Ion Ratio Lower Upper

168 100

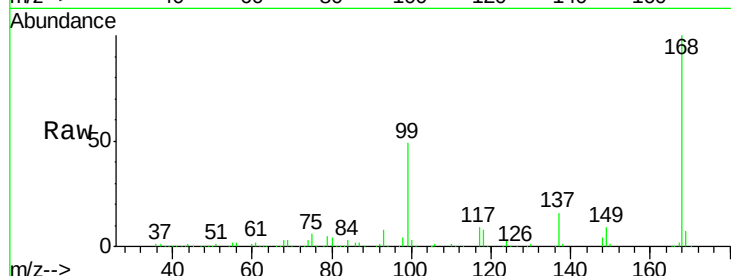
99 48.8 35.5 53.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

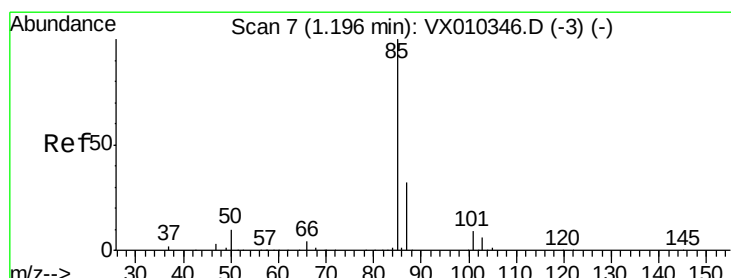
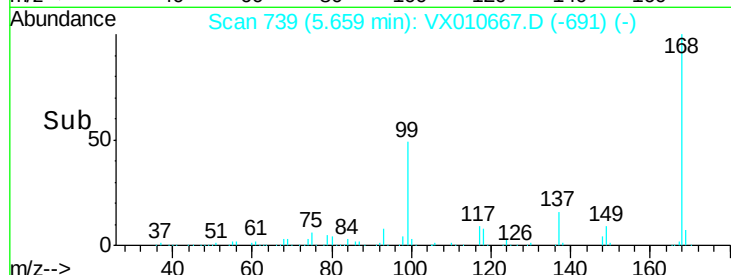
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 25.163 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010667.D

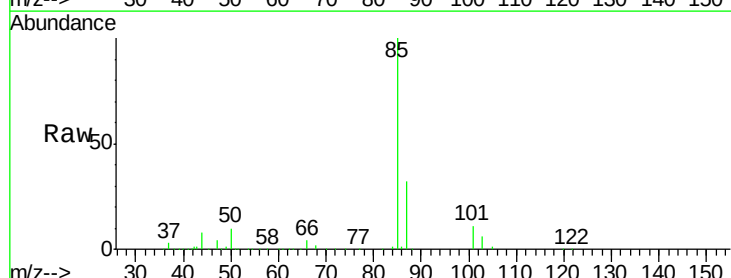
Acq: 04 Jul 2019 05:08

Tgt Ion: 85 Resp: 37607

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

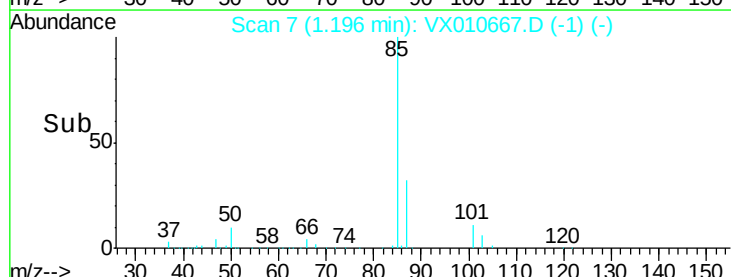
30000

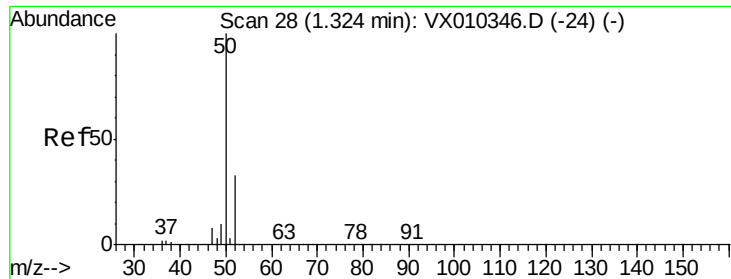
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 22.708 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 50 Resp: 39518

Ion Ratio Lower Upper

50 100

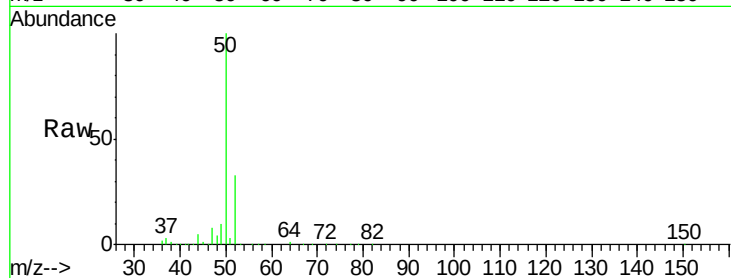
52 32.5 26.5 39.7

Manual Integrations

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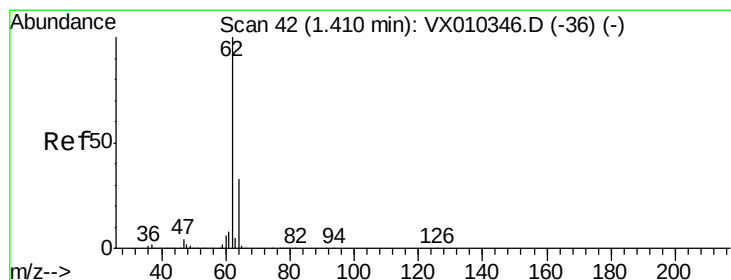
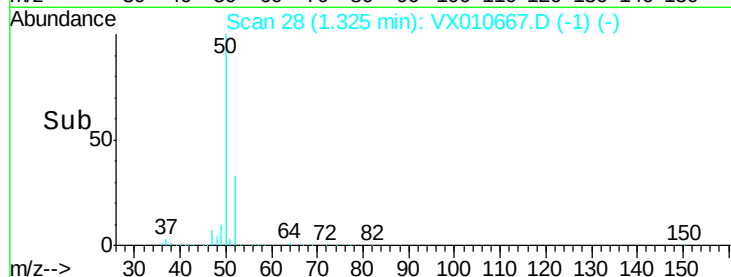
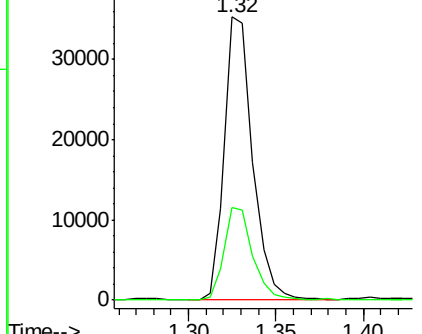
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 23.071 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010667.D

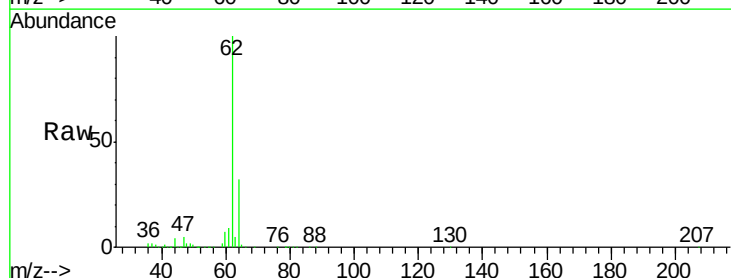
Acq: 04 Jul 2019 05:08

Tgt Ion: 62 Resp: 43976

Ion Ratio Lower Upper

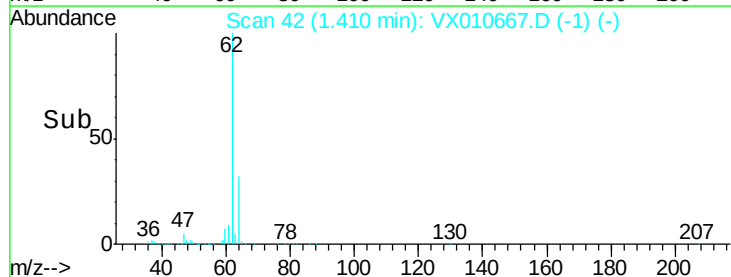
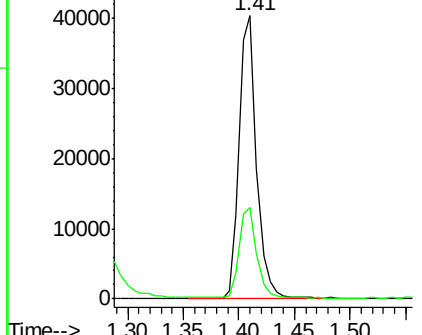
62 100

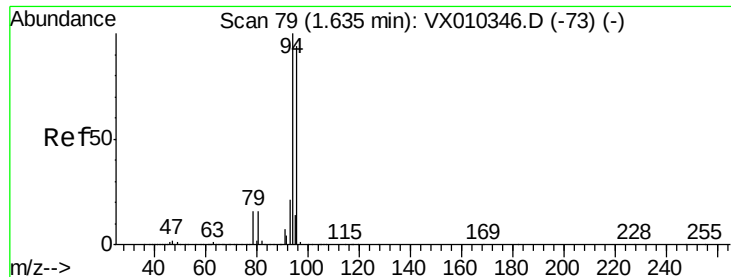
64 32.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.337 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 94 Resp: 25386

Ion Ratio Lower Upper

94 100

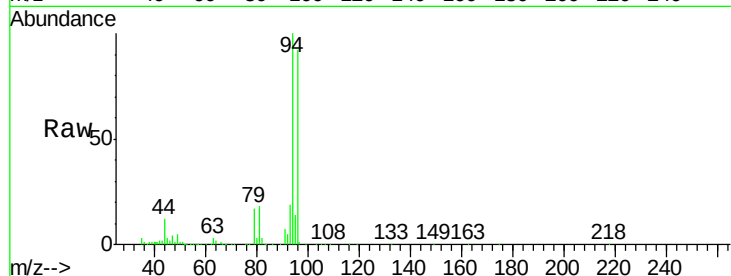
96 91.6 75.5 113.3

Manual Integrations

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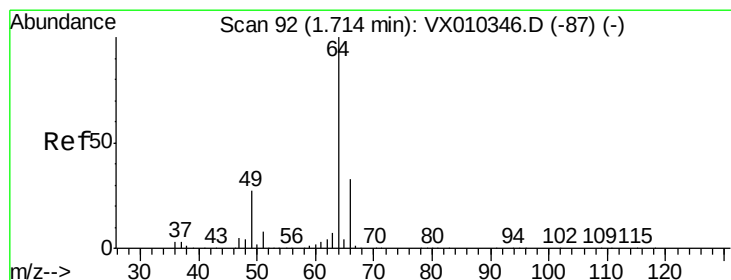
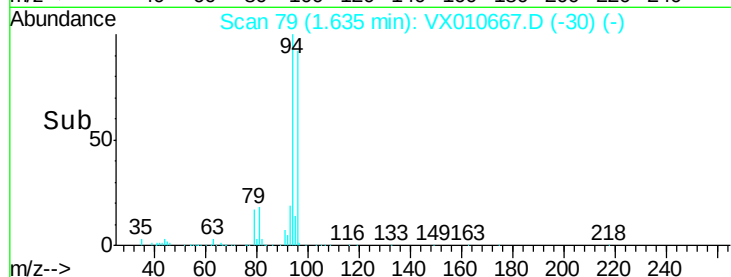
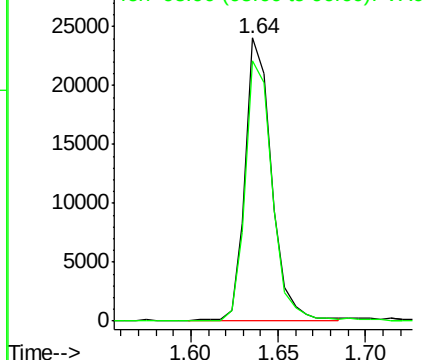
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 24.822 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010667.D

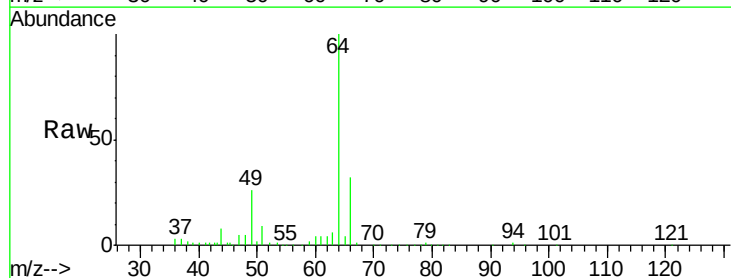
Acq: 04 Jul 2019 05:08

Tgt Ion: 64 Resp: 27915

Ion Ratio Lower Upper

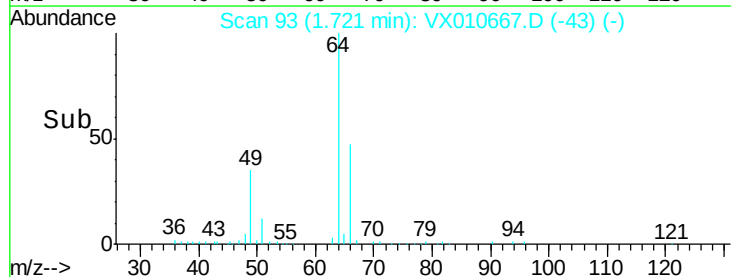
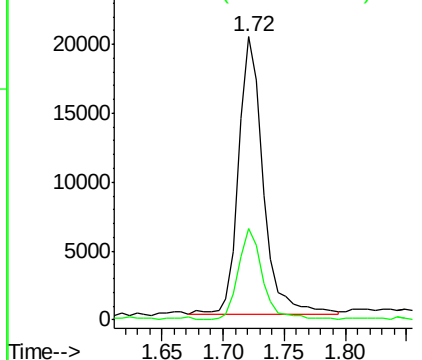
64 100

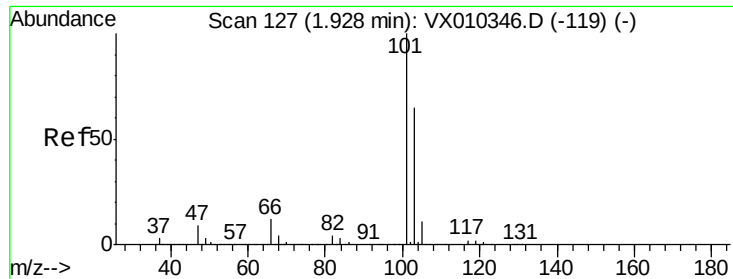
66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

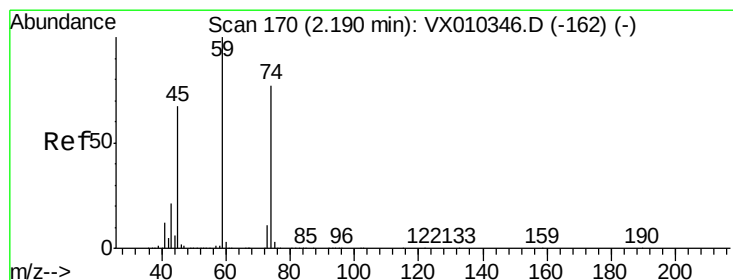
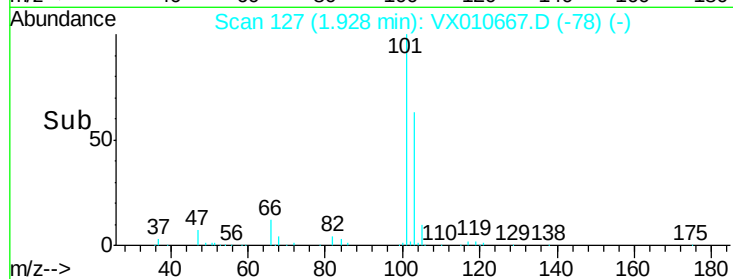
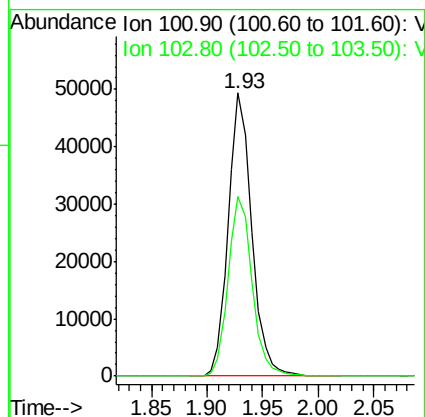
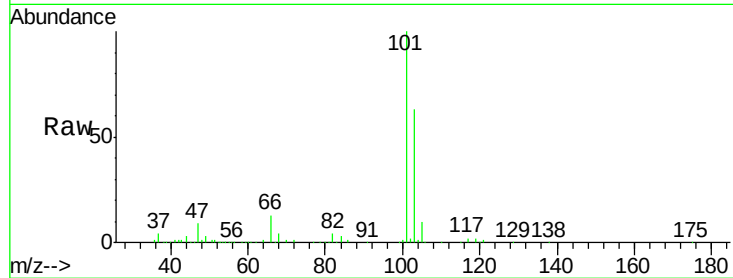
Trichlorofluoromethane
Concen: 23.941 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
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ClientSampleId :
VX0703WBSD02

Tot Ion:101 Resp: 72343
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5

Manual Integrations
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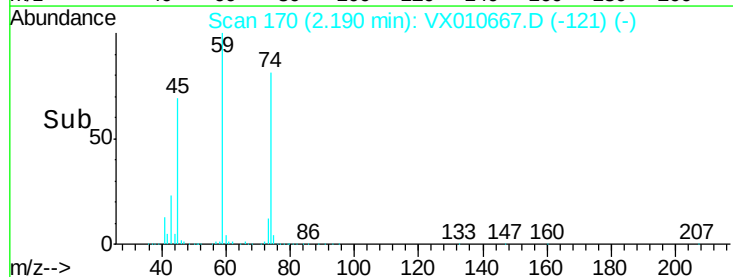
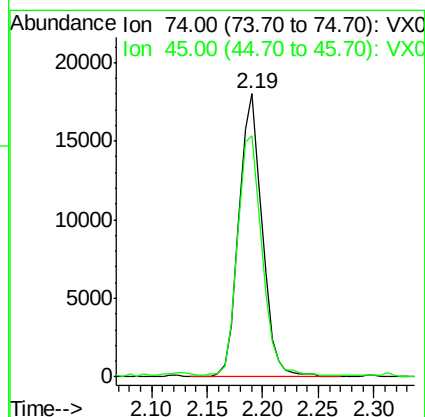
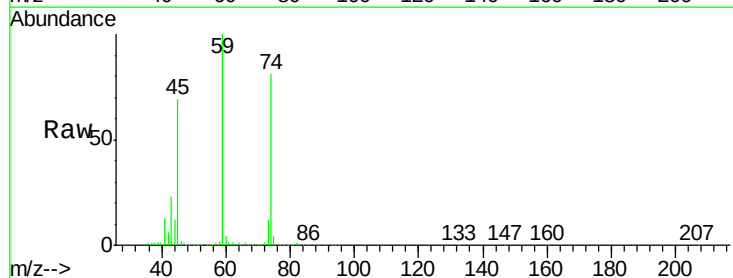
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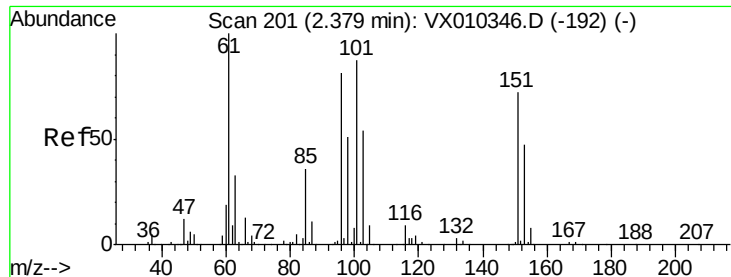


#8

Diethyl Ether
Concen: 24.152 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 74 Resp: 26172
Ion Ratio Lower Upper
74 100
45 88.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.187 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

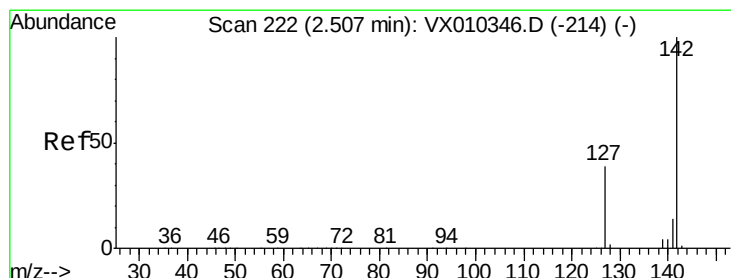
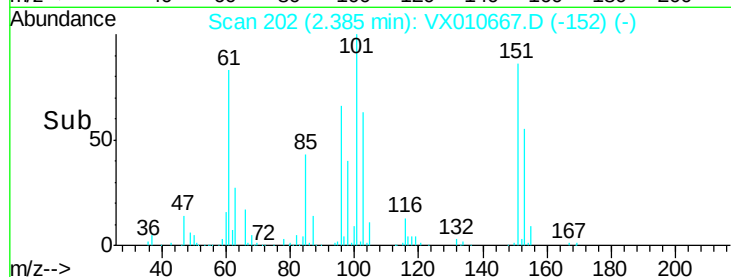
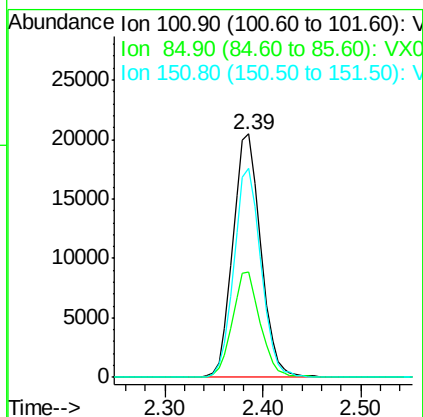
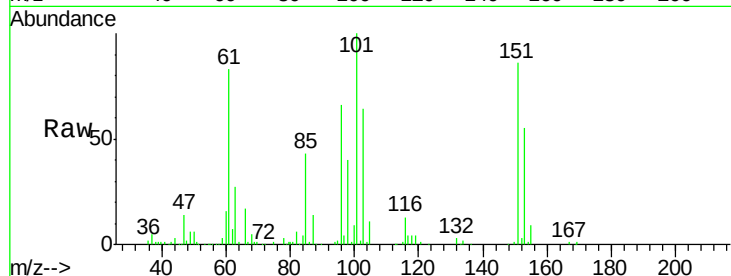
ClientSampleId :

VX0703WBSD02

Tot Ion:	101	Resp:	40629
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.7	50.5
151	83.5	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.773 ug/l

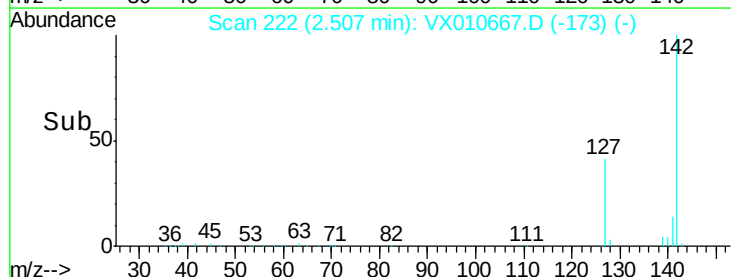
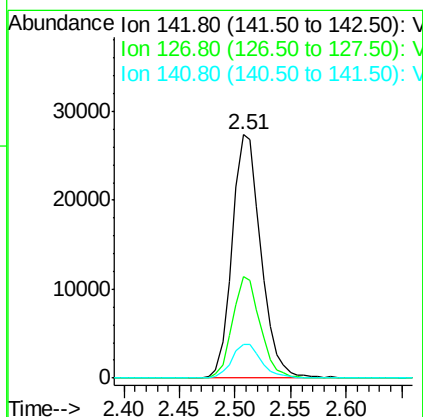
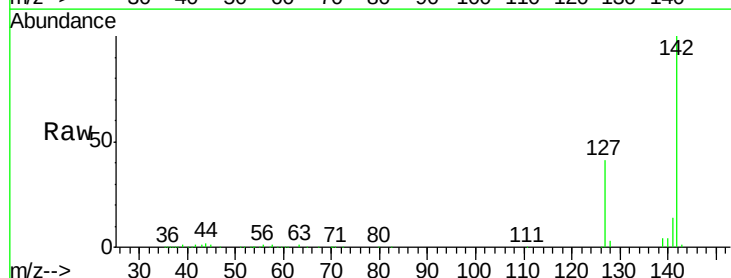
RT: 2.51 min Scan# 222

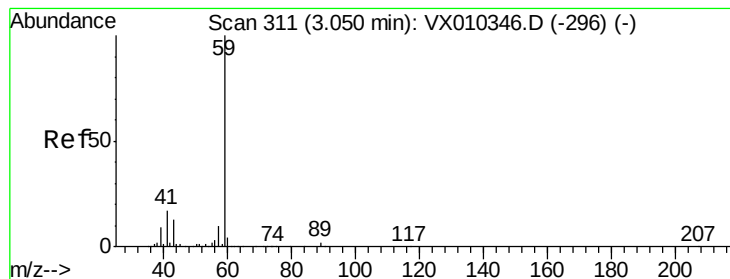
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	142	Resp:	49059
Ion Ratio	Lower	Upper	
142	100		
127	40.3	31.1	46.7
141	14.2	11.2	16.8





#11

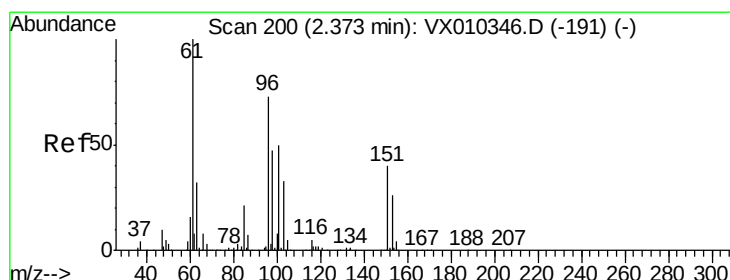
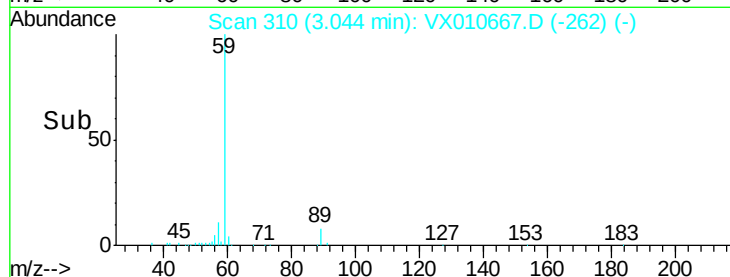
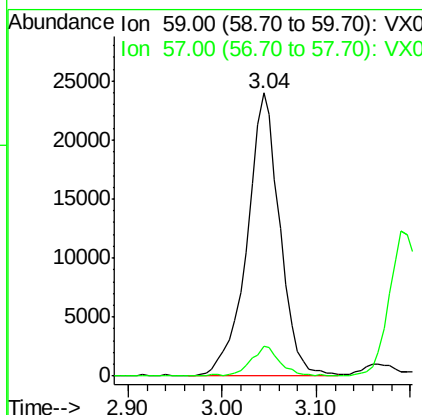
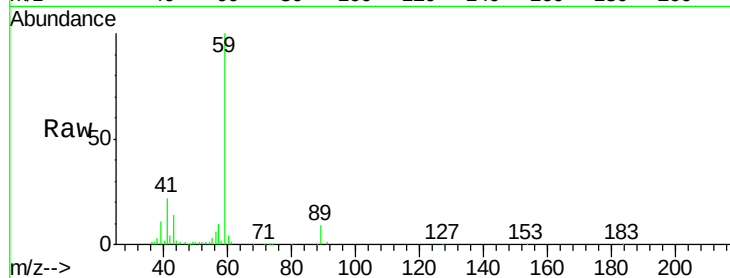
Tert butyl alcohol
Concen: 111.159 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 59 Resp: 58626
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5

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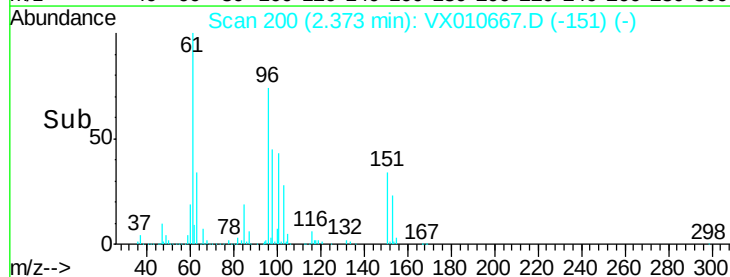
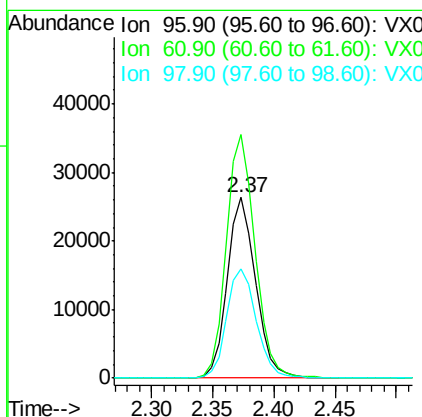
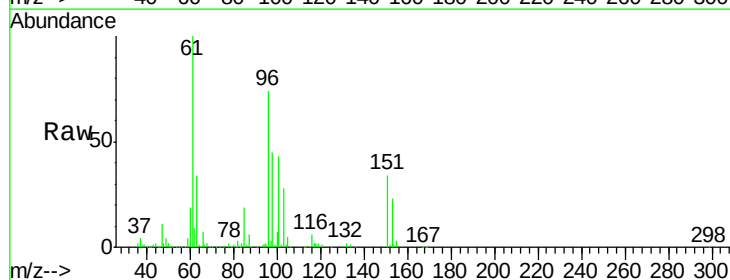
MMDadoda
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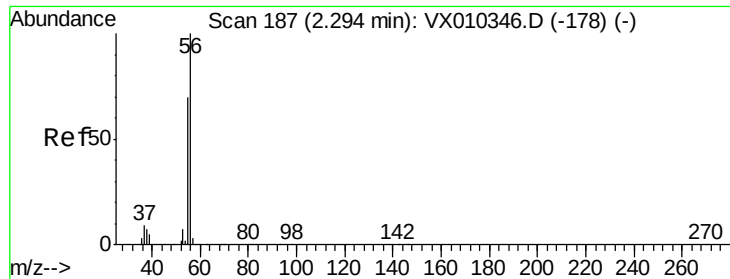


#12

1,1-Dichloroethene
Concen: 22.648 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 96 Resp: 42201
Ion Ratio Lower Upper
96 100
61 134.4 109.2 163.8
98 60.1 51.1 76.7





#13

Acrolein

Concen: 81.002 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 56 Resp: 28340

Ion Ratio Lower Upper

56 100

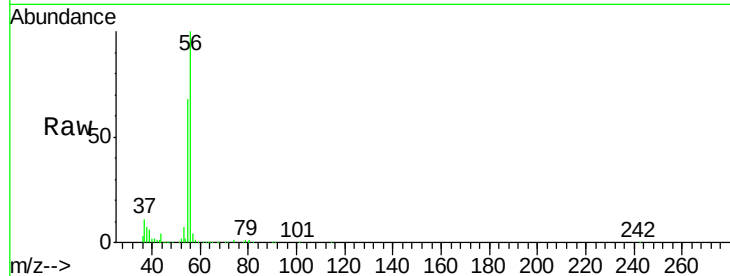
55 68.3 56.9 85.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

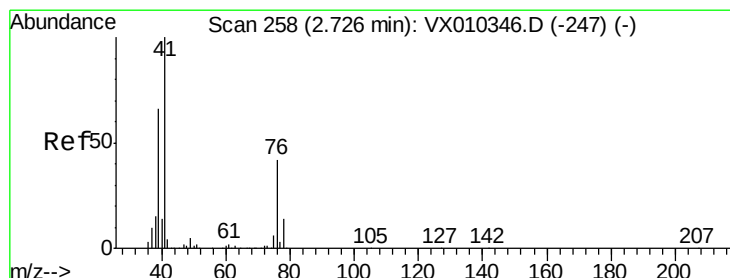
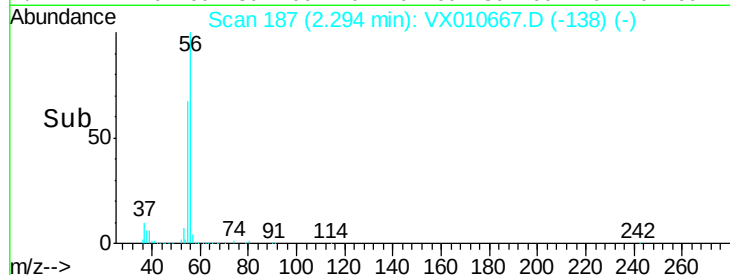
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 20.606 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

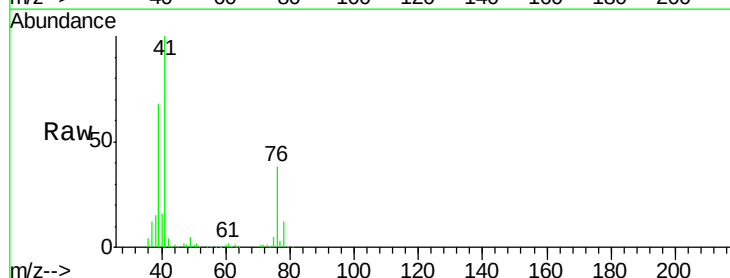
Tgt Ion: 41 Resp: 54512

Ion Ratio Lower Upper

41 100

39 66.7 50.3 75.5

76 39.6 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

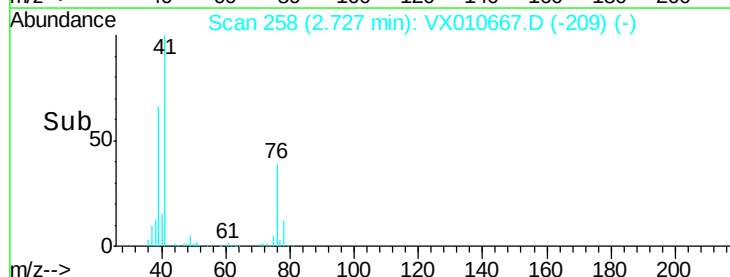
30000

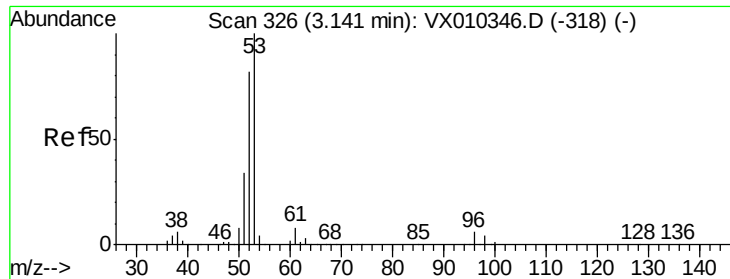
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 113.249 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

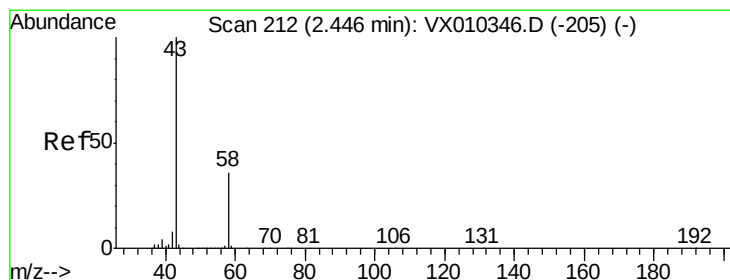
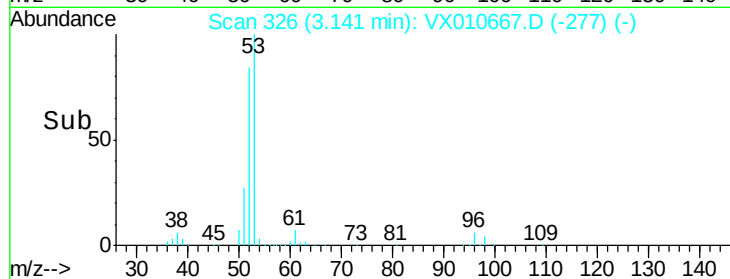
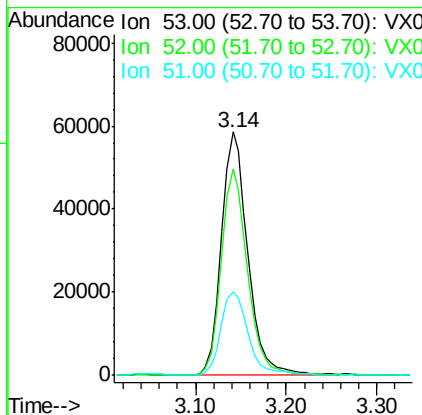
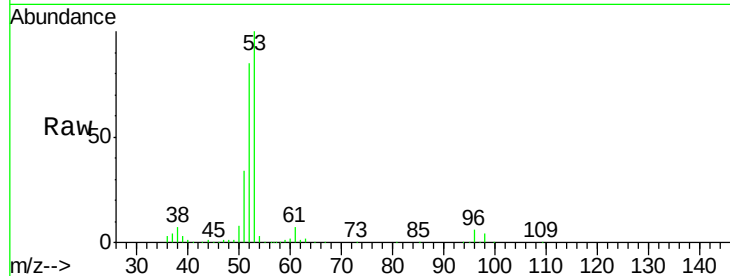
ClientSampleId :

VX0703WBSD02

Tot Ion:	53	Resp:	118256
Ion	Ratio	Lower	Upper
53	100		
52	84.4	65.5	98.3
51	36.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 97.192 ug/l

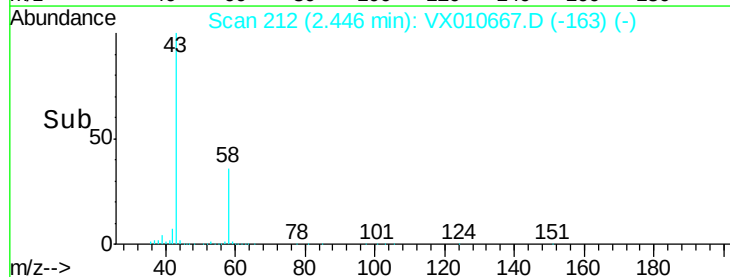
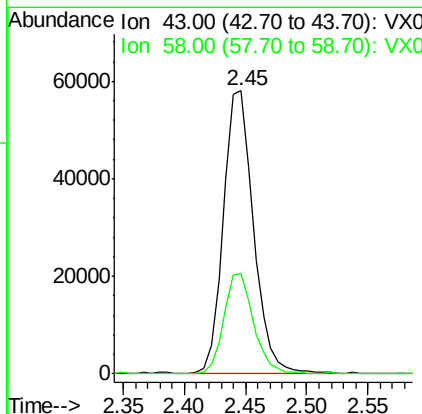
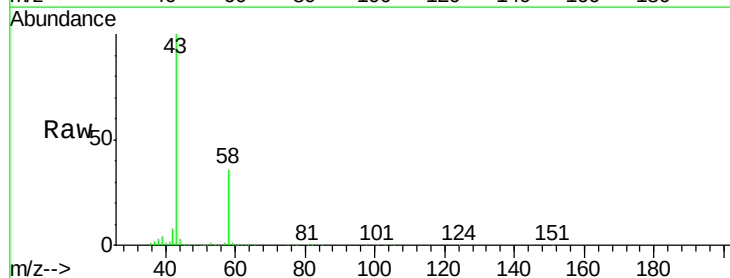
RT: 2.45 min Scan# 212

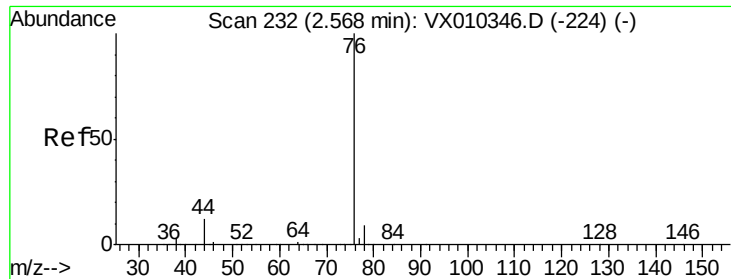
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	43	Resp:	98178
Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.9	43.3





#17

Carbon Disulfide

Concen: 20.050 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

VX0703WBSD02

Tot Ion: 76 Resp: 100230

Ion Ratio Lower Upper

76 100

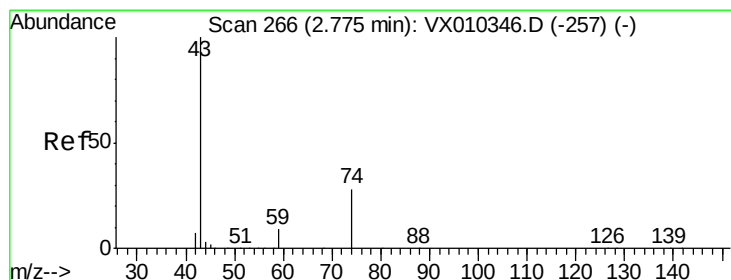
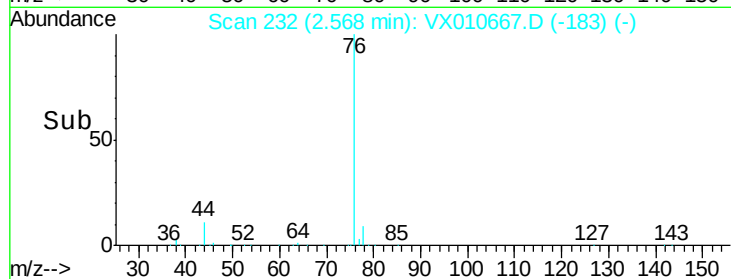
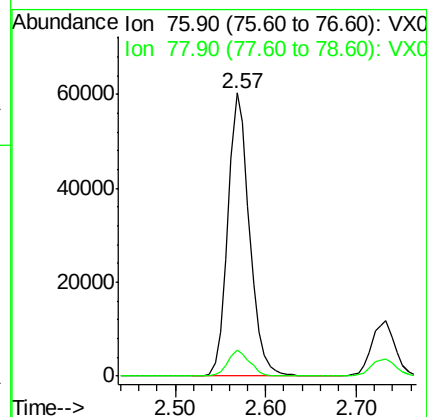
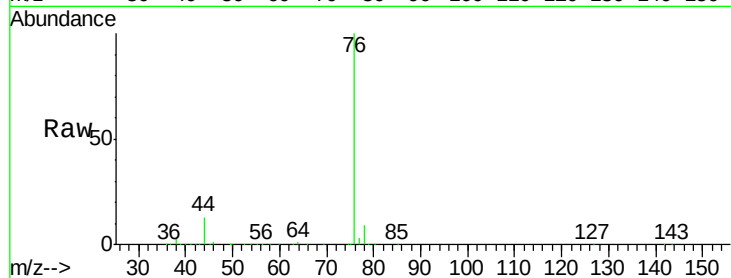
78 9.0 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 24.763 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010667.D

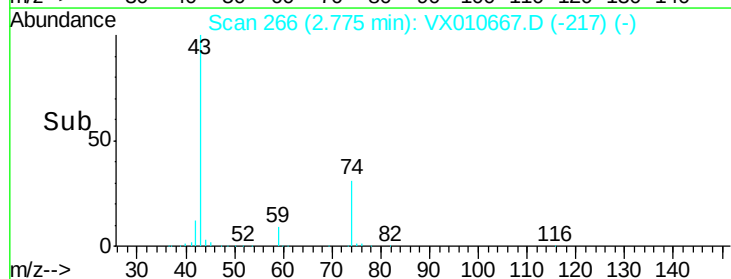
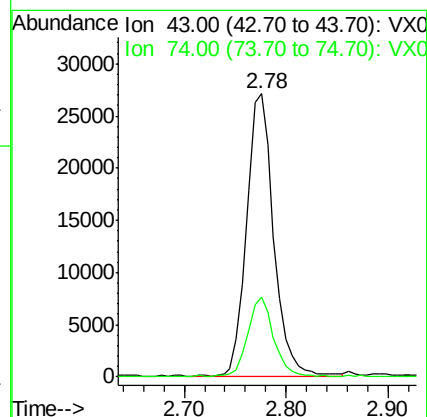
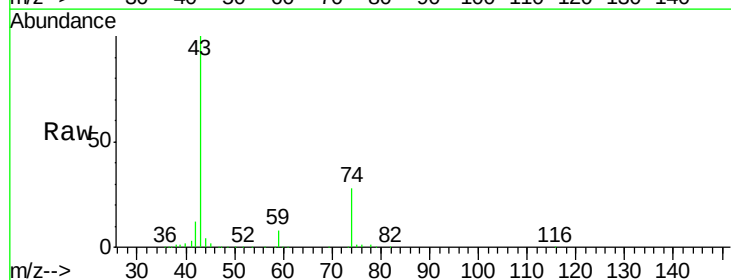
Acq: 04 Jul 2019 05:08

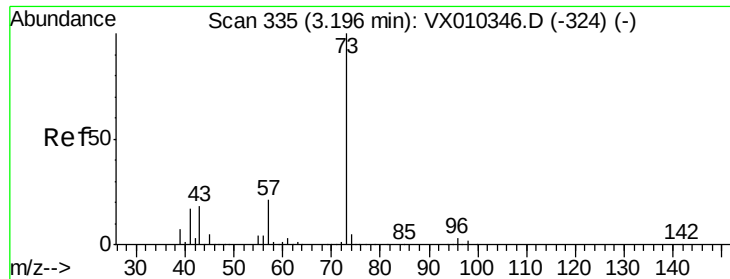
Tgt Ion: 43 Resp: 49854

Ion Ratio Lower Upper

43 100

74 27.7 21.3 31.9





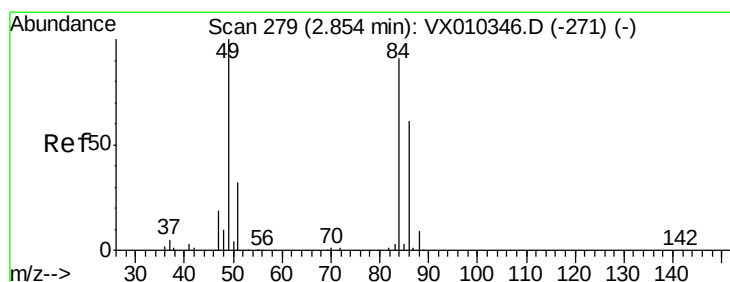
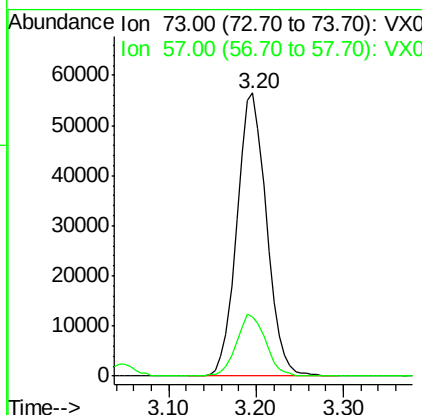
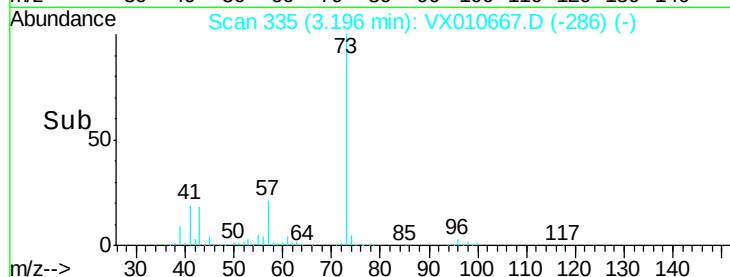
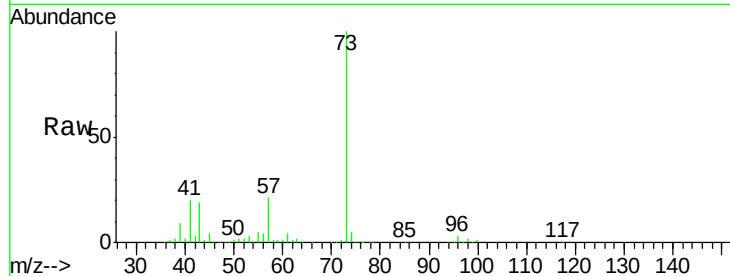
#19
Methyl tert-butyl Ether
Concen: 22.676 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 73 Resp: 132926
Ion Ratio Lower Upper
73 100
57 21.2 16.4 24.6

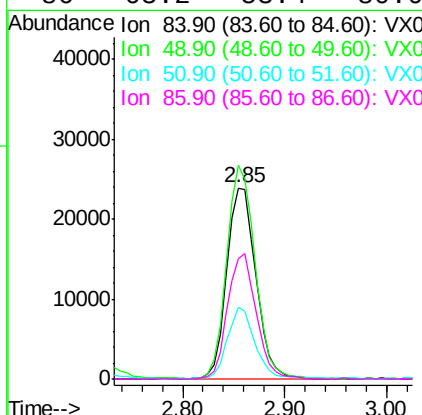
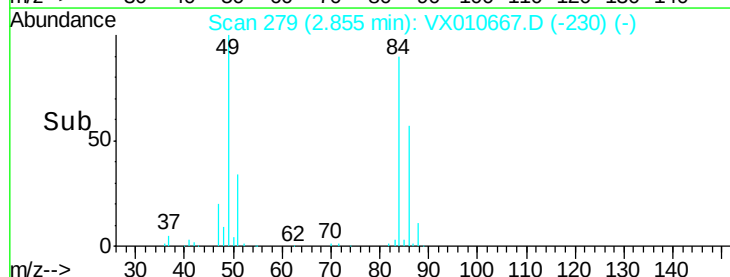
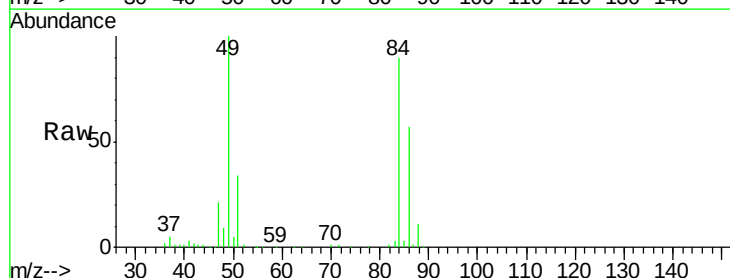
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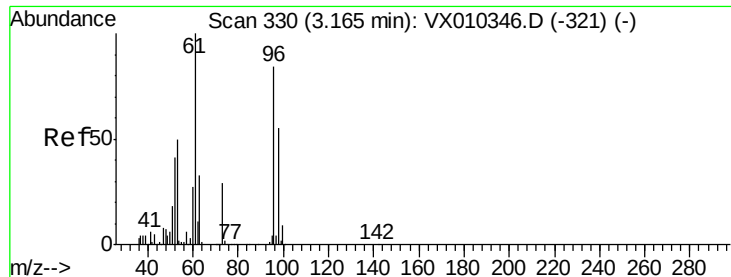
MMDadoda
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#20
Methylene Chloride
Concen: 22.811 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 84 Resp: 47419
Ion Ratio Lower Upper
84 100
49 111.7 87.5 131.3
51 37.3 27.7 41.5
86 63.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 22.193 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

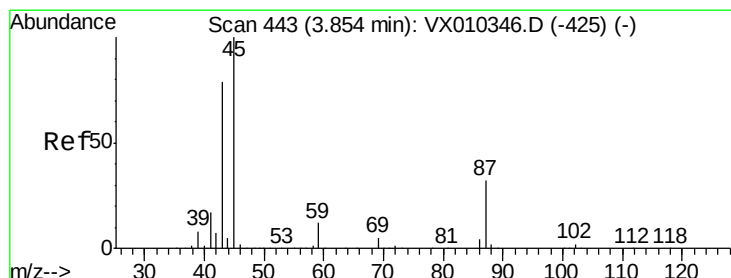
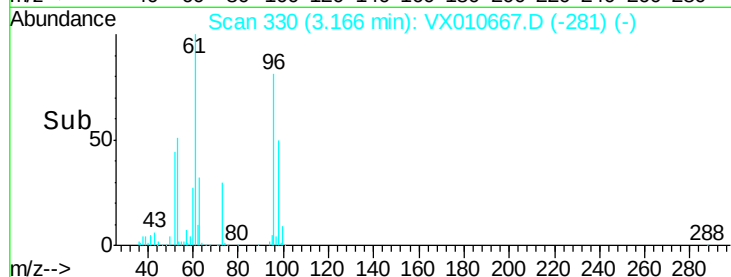
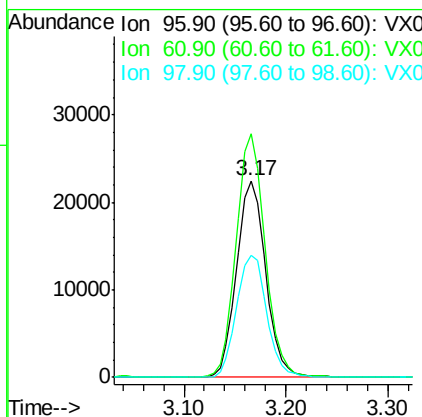
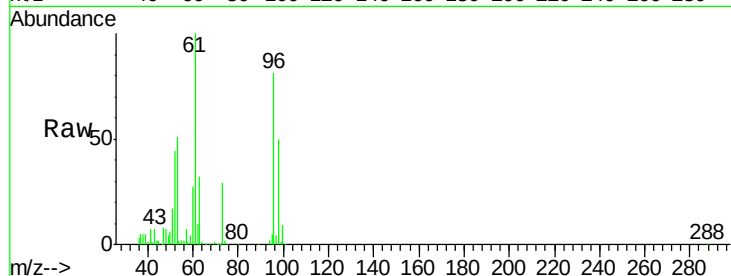
ClientSampleId :

VX0703WBSD02

Tot Ion:	96	Resp:	44476
Ion	Ratio	Lower	Upper
96	100		
61	123.9	95.6	143.4
98	61.9	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.807 ug/l

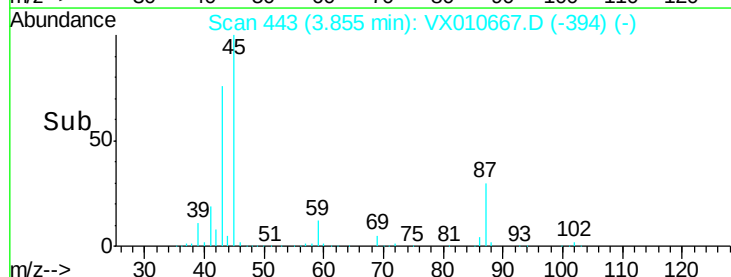
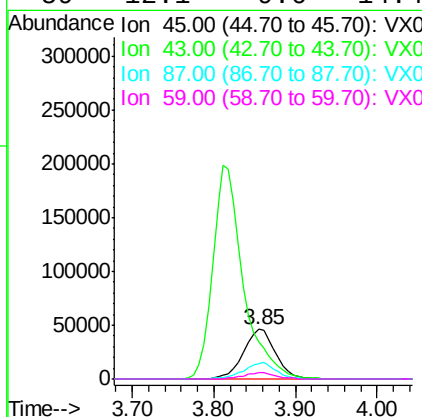
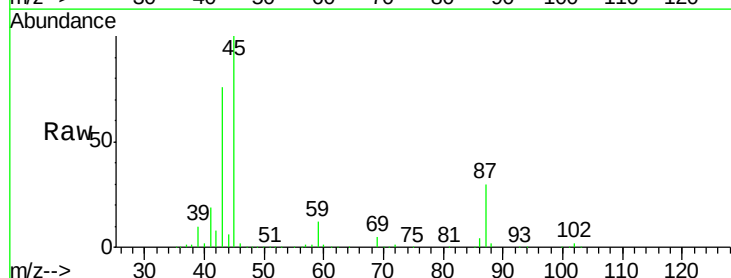
RT: 3.85 min Scan# 443

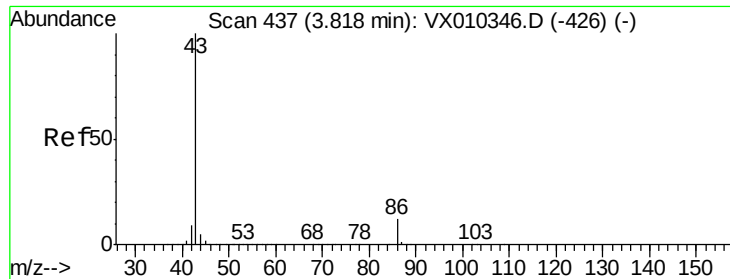
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	45	Resp:	126146
Ion	Ratio	Lower	Upper
45	100		
43	75.0	63.3	94.9
87	29.9	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 108.079 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 43 Resp: 516412

Ion Ratio Lower Upper

43 100

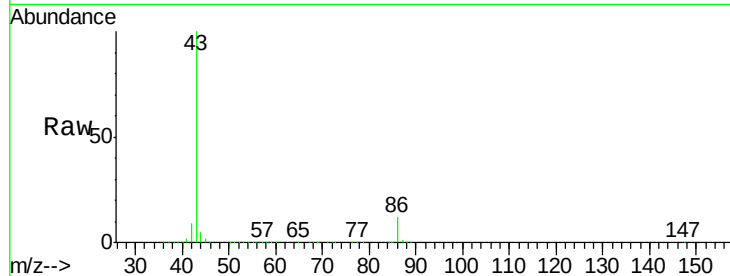
86 12.5 9.9 14.9

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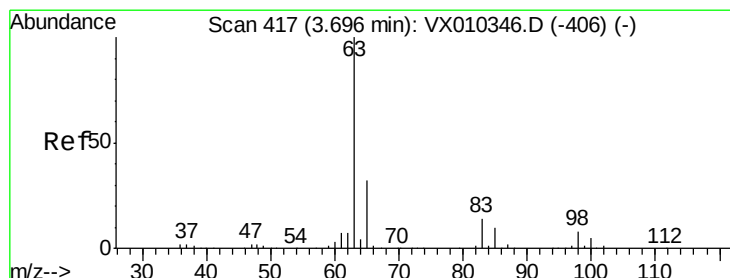
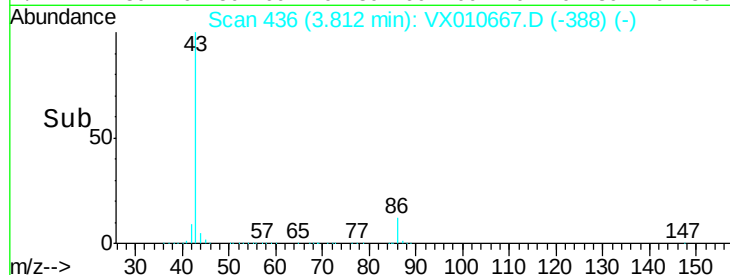
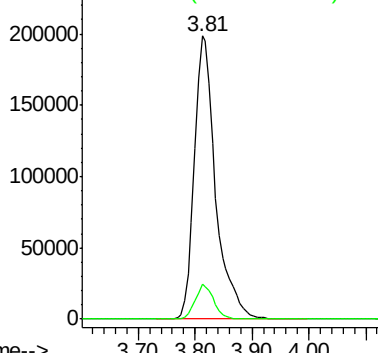
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.737 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

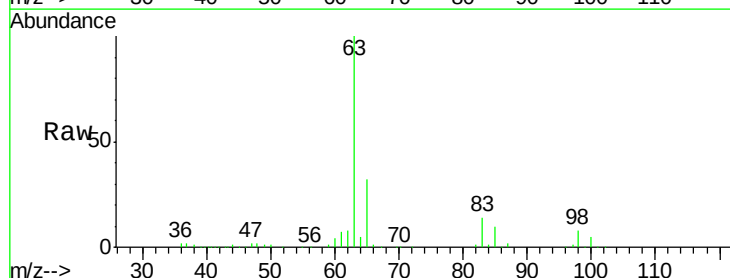
Tgt Ion: 63 Resp: 72693

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

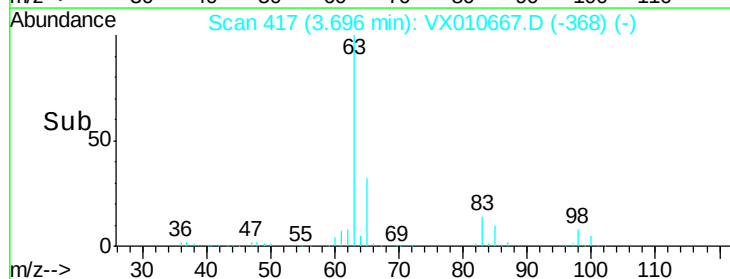
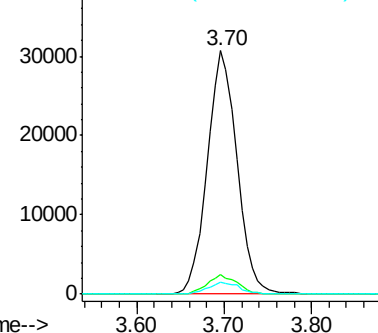
100 5.1 2.4 7.1

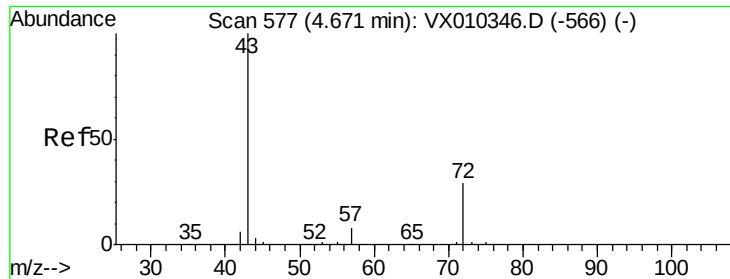


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.662 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion: 43 Resp: 159528

Ion Ratio Lower Upper

43 100

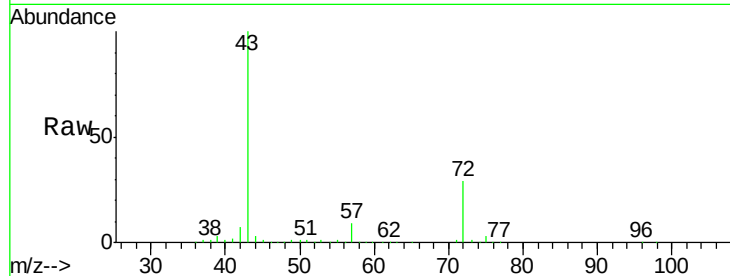
72 29.2 23.3 34.9

Manual Integrations

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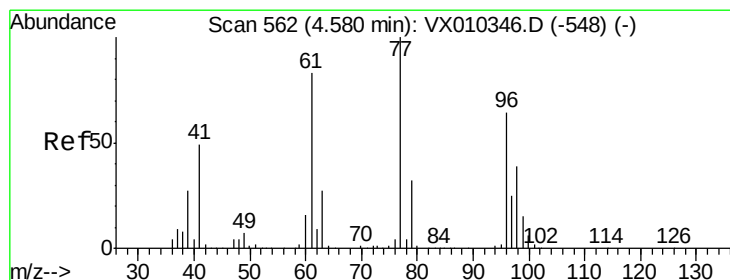
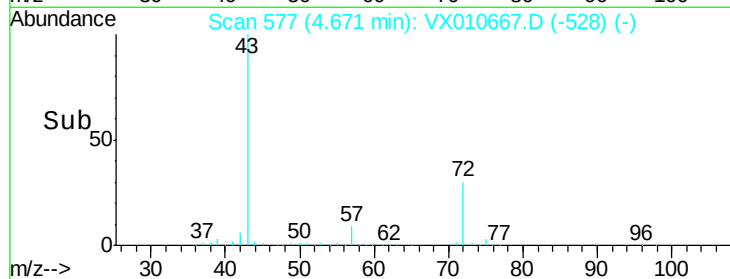
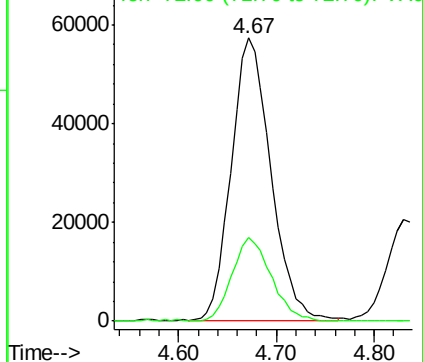
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.786 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010667.D

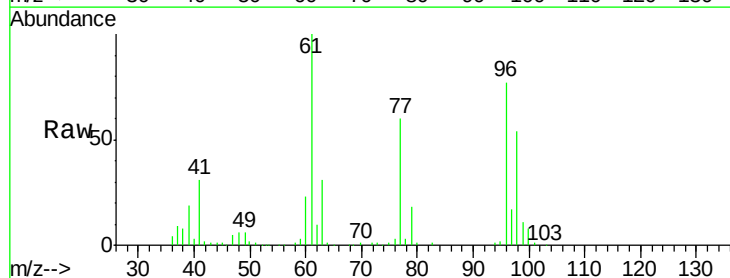
Acq: 04 Jul 2019 05:08

Tgt Ion: 77 Resp: 35510

Ion Ratio Lower Upper

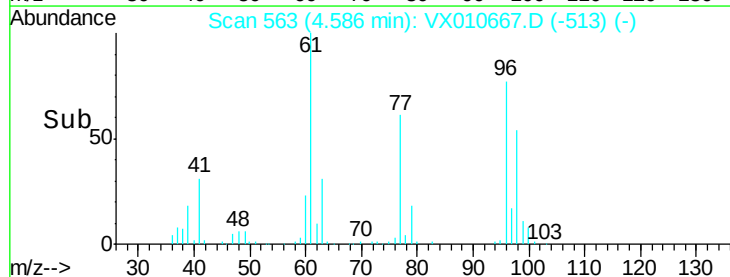
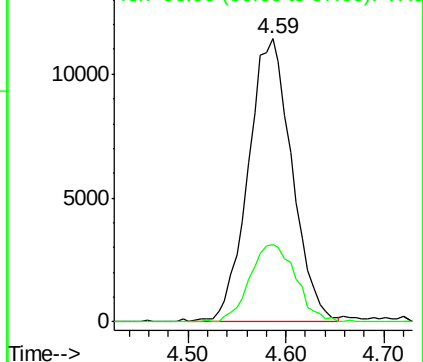
77 100

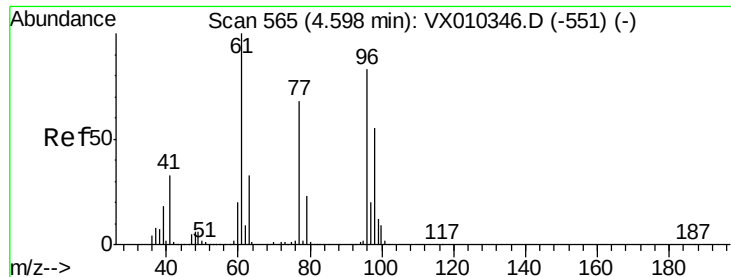
97 28.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

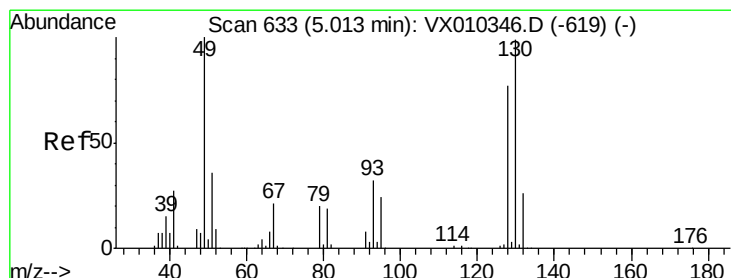
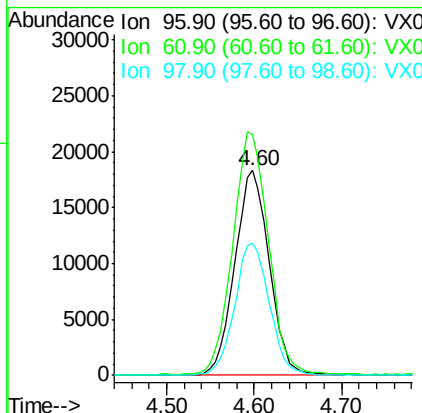
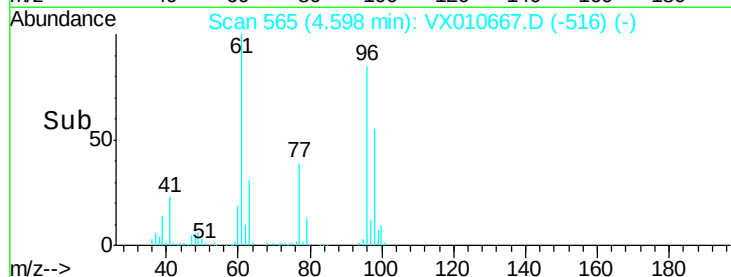
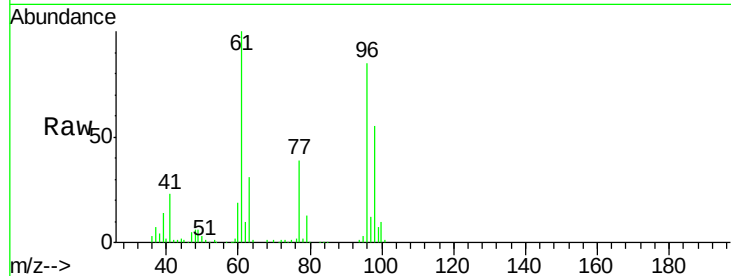
cis-1,2-Dichloroethene
Concen: 21.695 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	251.8
98	64.7	0.0	129.4

Manual Integrations
APPROVED

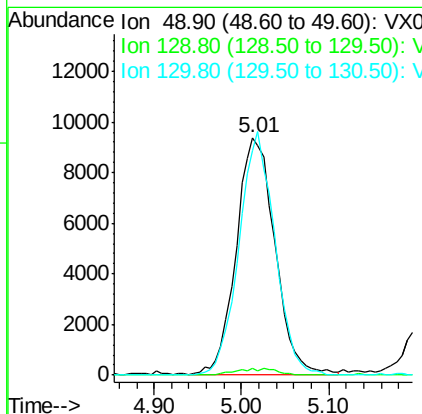
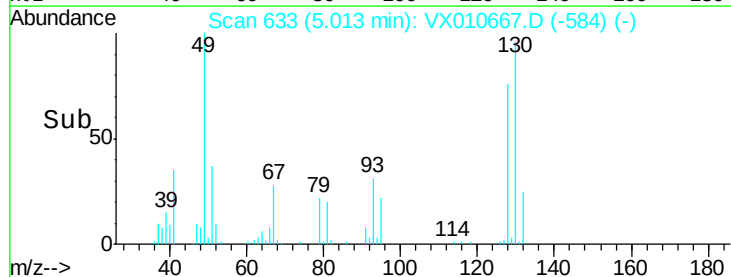
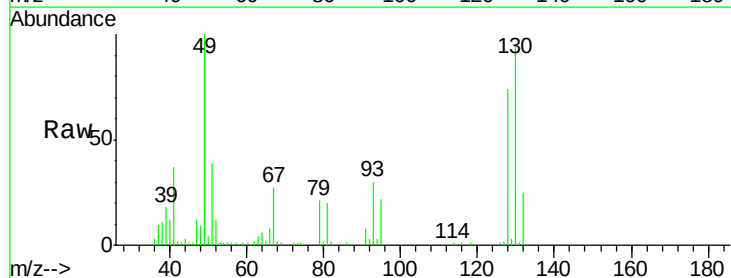
MMDadoda
7/8/2019 10:58:23 AM

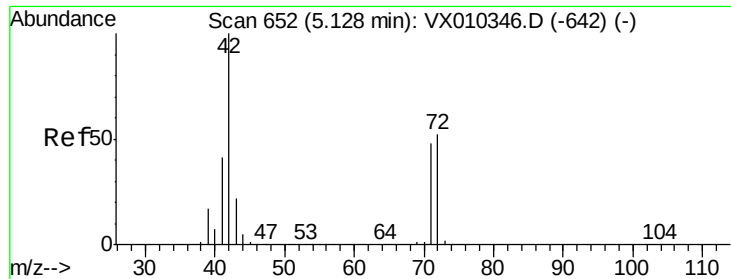


#28

Bromochloromethane
Concen: 19.004 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.6
130	94.3	81.4	122.0





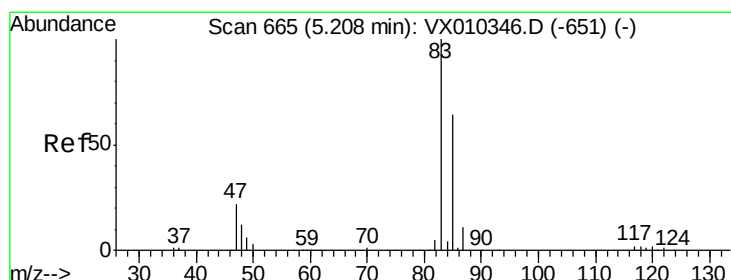
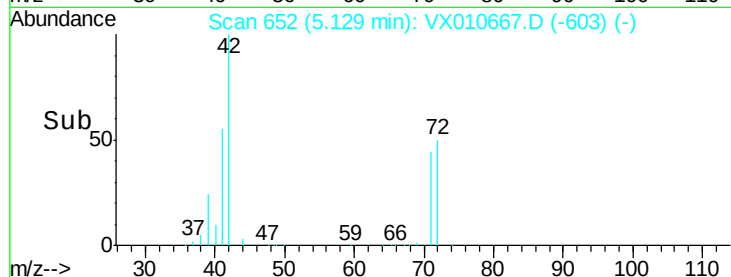
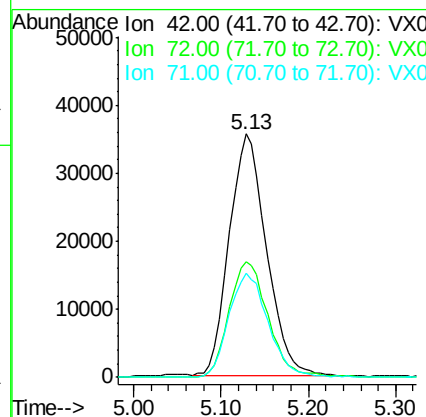
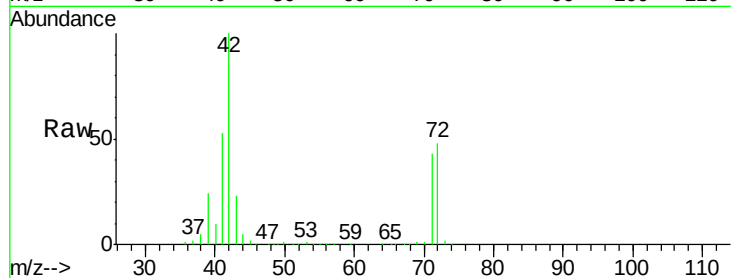
#29
Tetrahydrofuran
Concen: 114.474 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion:	42	Resp:	105065
Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.6	60.8
71	45.8	37.8	56.8

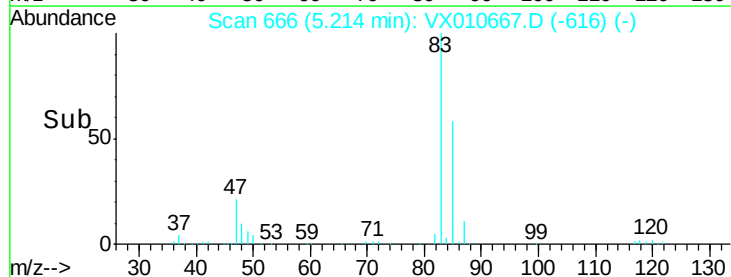
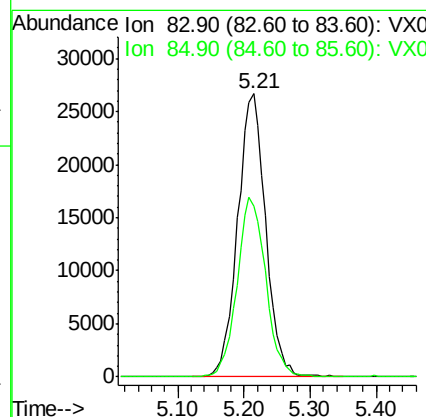
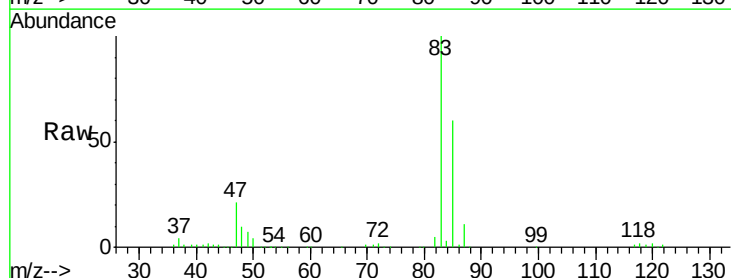
Manual Integrations
APPROVED

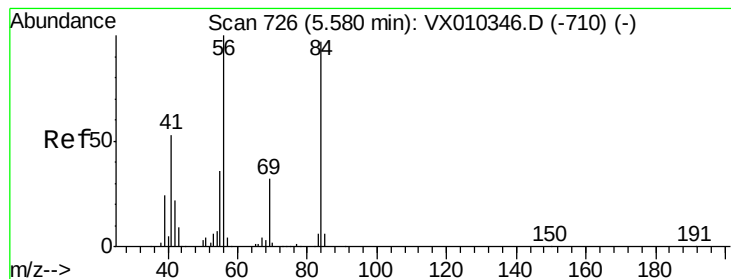
MMDadoda
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#30
Chloroform
Concen: 22.706 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:	83	Resp:	78107
Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.9	76.3





#31

Cyclohexane

Concen: 22.356 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

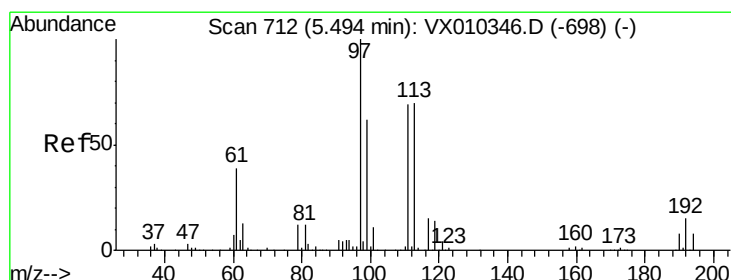
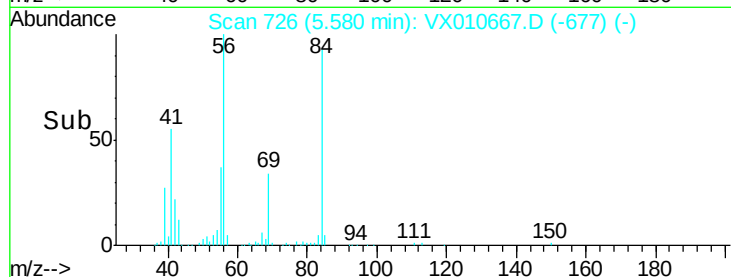
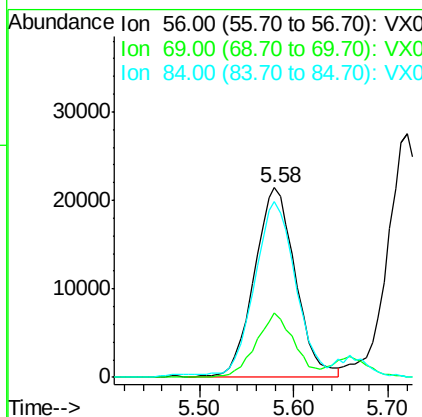
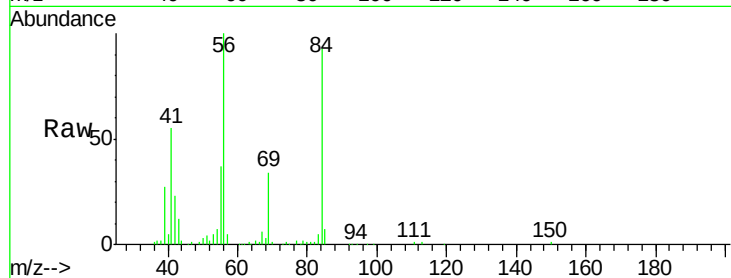
ClientSampleId :

VX0703WBSD02

Tot Ion:	56	Resp:	65087
Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.9	38.9
84	91.2	78.0	117.0

Manual Integrations
APPROVED

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7/8/2019 10:58:23 AM



#32

1,1,1-Trichloroethane

Concen: 21.804 ug/l

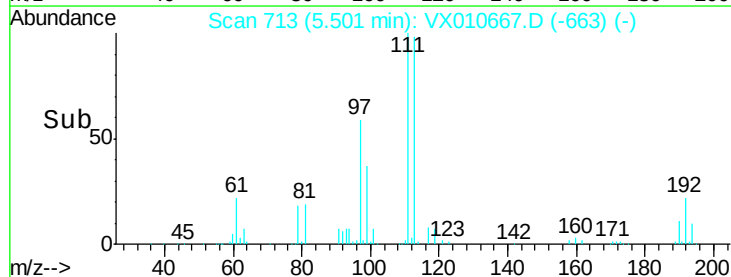
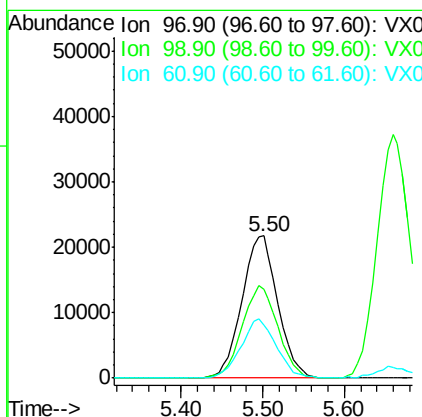
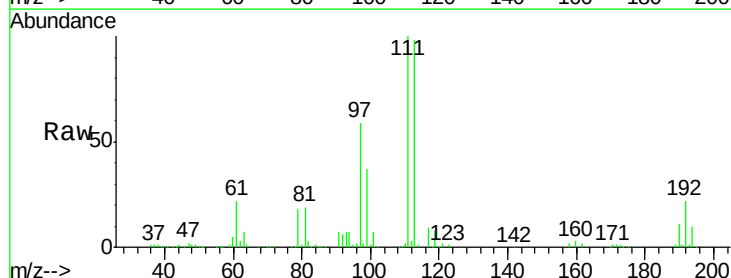
RT: 5.50 min Scan# 713

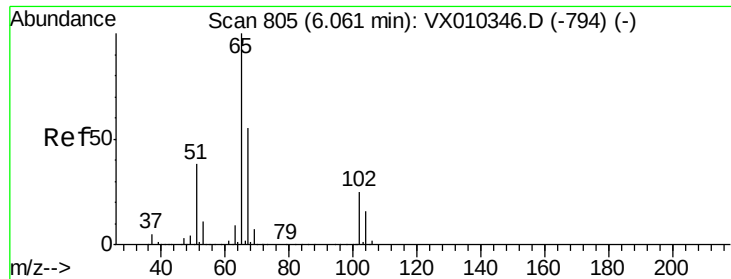
Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	97	Resp:	66226
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	41.1	32.1	48.1





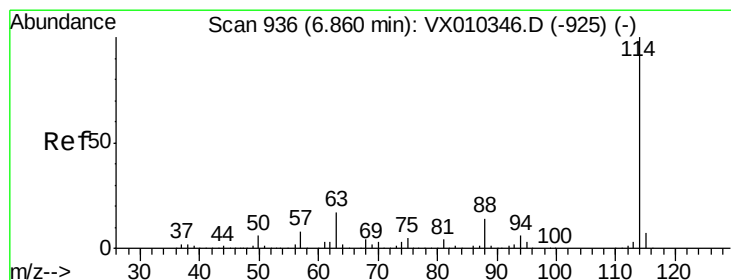
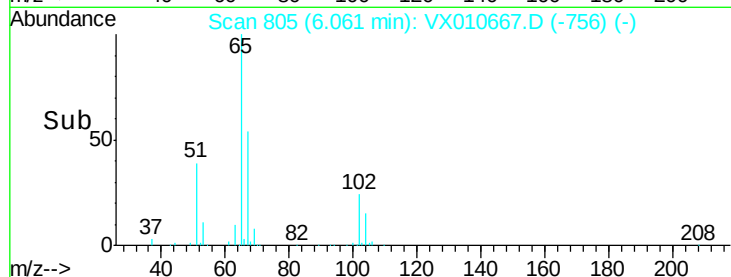
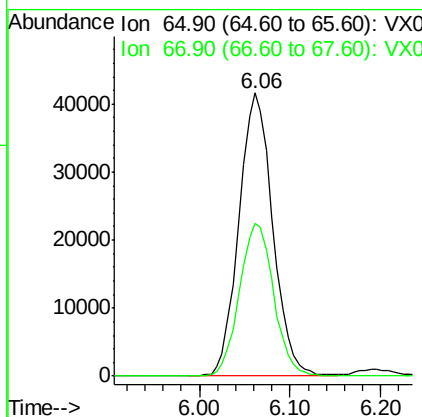
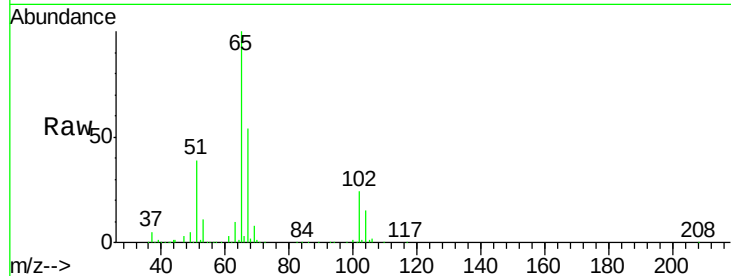
#33
 1,2-Dichloroethane-d4
 Concen: 53.432 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	110.2

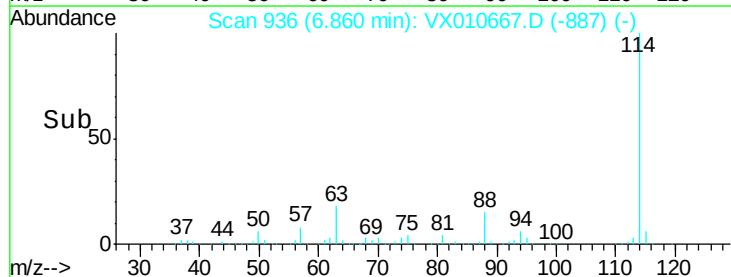
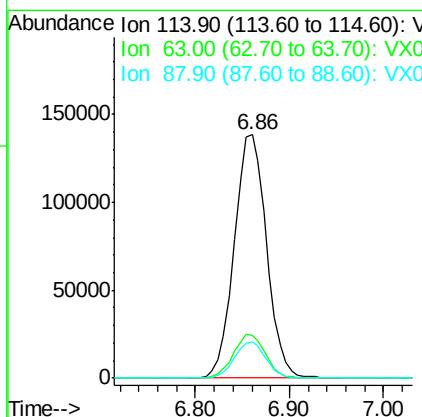
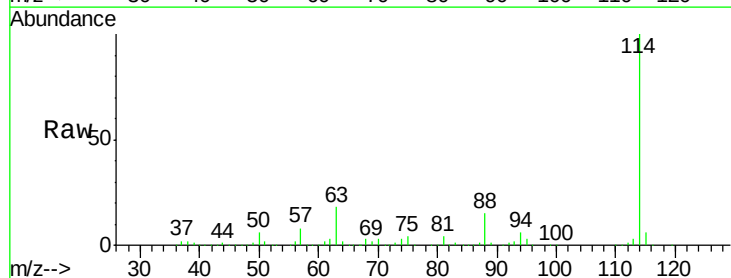
Manual Integrations
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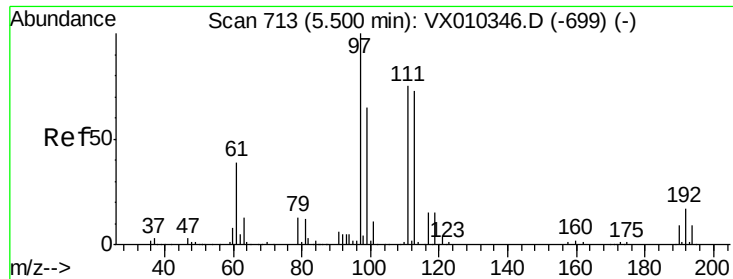
MMDadoda
 7/8/2019 10:58:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	33.8
88	15.1	0.0	27.6





#35

Dibromofluoromethane

Concen: 50.854 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

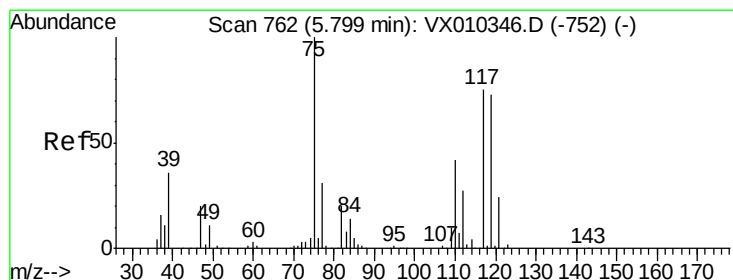
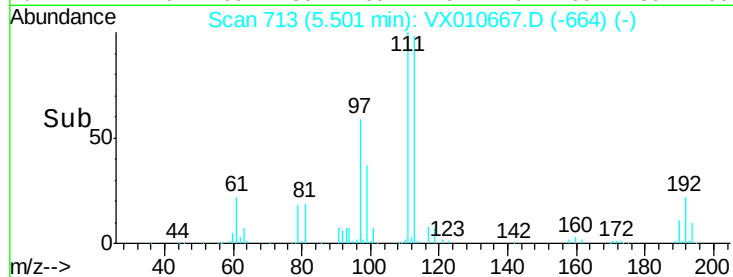
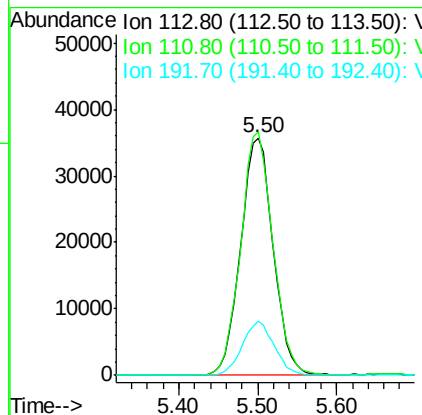
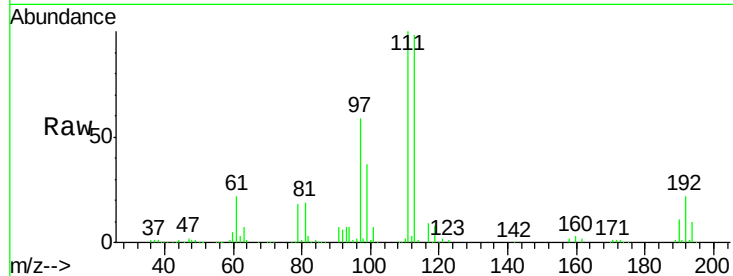
ClientSampleId :

VX0703WBSD02

Tot Ion:	113	Resp:	102745
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	22.4	18.6	27.8

Manual Integrations
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MMDadoda
7/8/2019 10:58:23 AM



#36

1,1-Dichloropropene

Concen: 21.345 ug/l

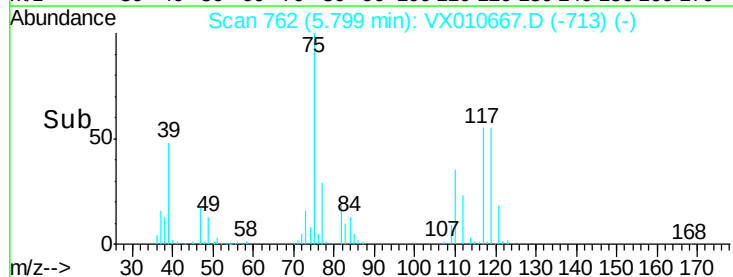
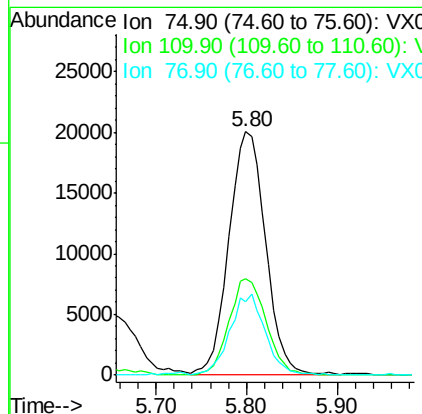
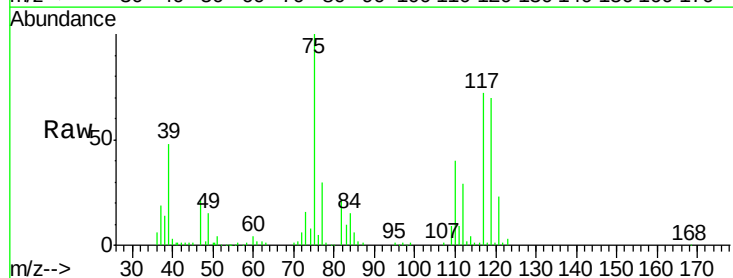
RT: 5.80 min Scan# 762

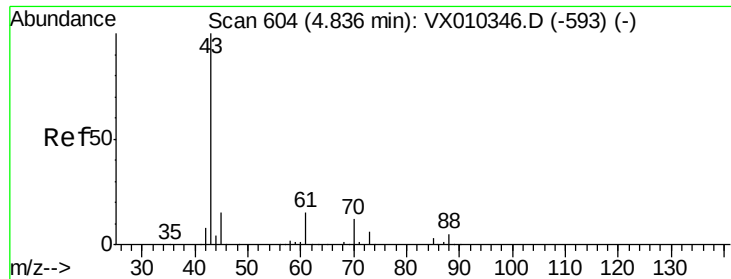
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	75	Resp:	56011
Ion	Ratio	Lower	Upper
75	100		
110	40.4	20.8	62.2
77	32.3	25.4	38.0





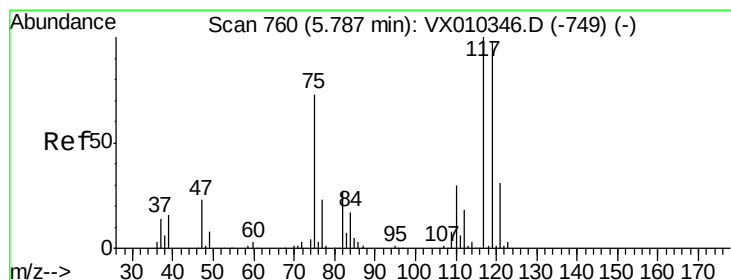
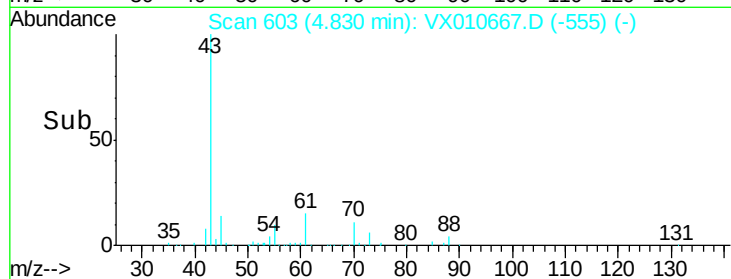
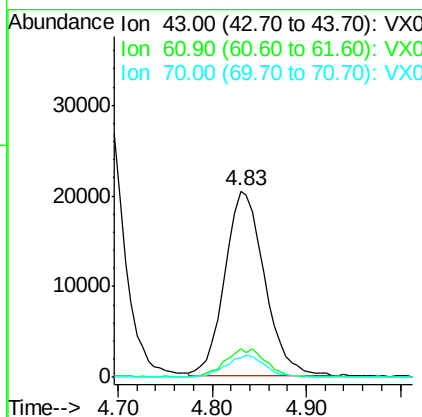
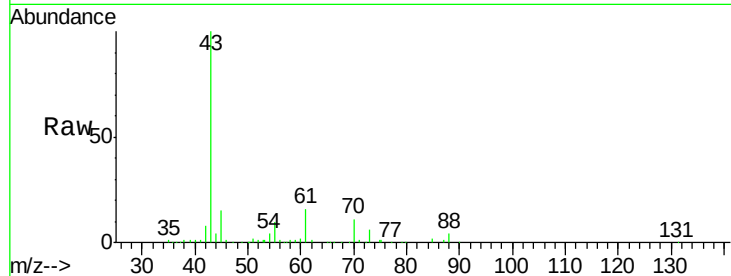
#37
Ethyl Acetate
Concen: 22.021 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampled :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	12.3	9.8	14.8

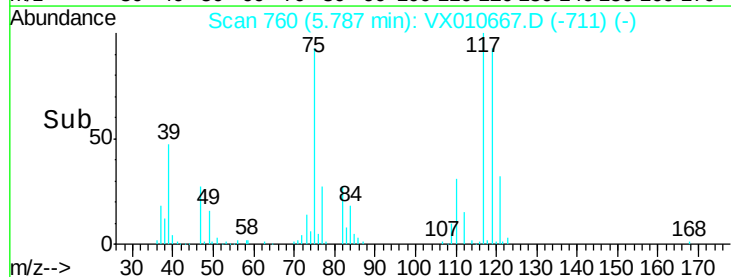
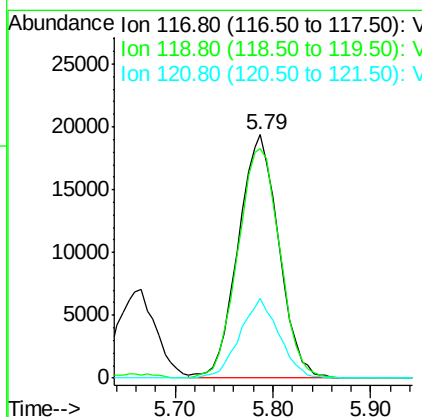
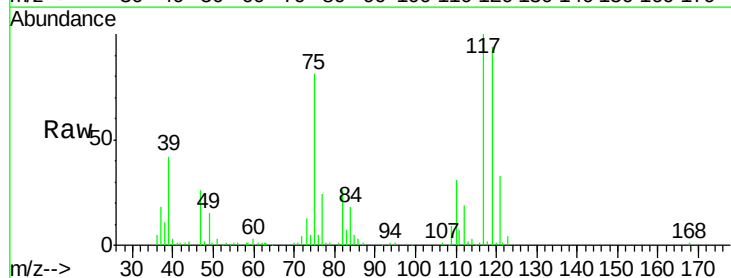
Manual Integrations
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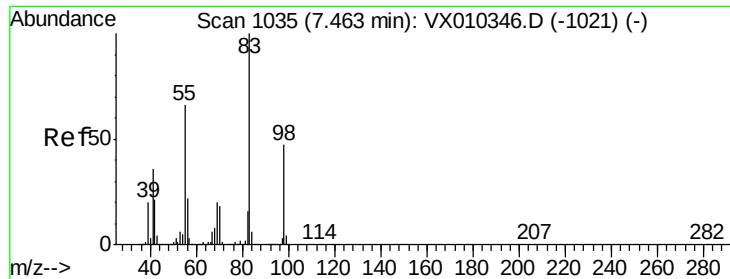
MMDadoda
7/8/2019 10:58:23 AM



#38
Carbon Tetrachloride
Concen: 19.525 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.4
121	32.7	24.7	37.1





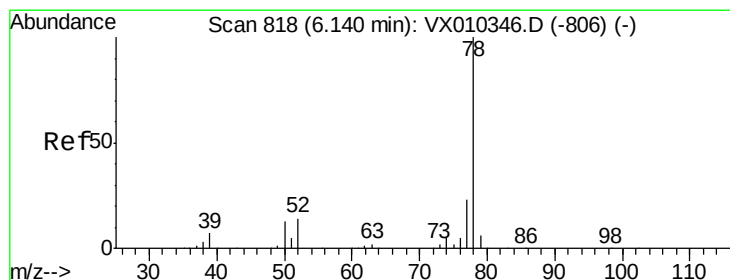
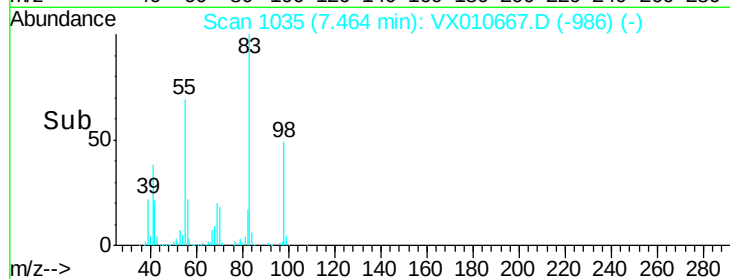
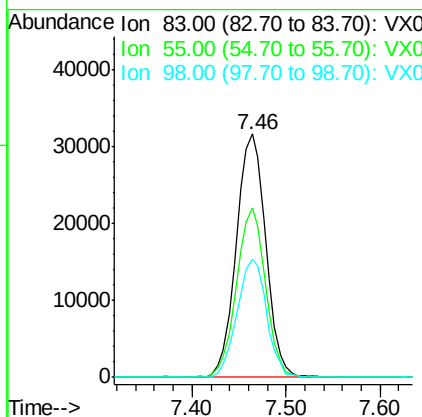
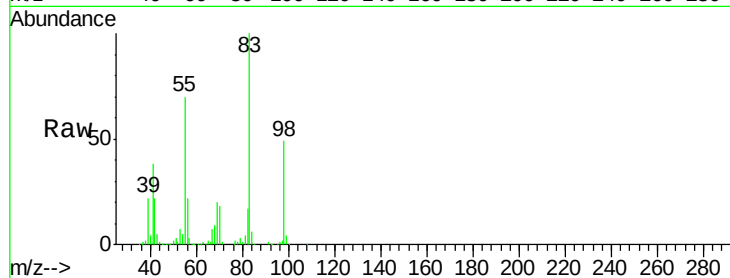
#39
Methylvlcyclohexane
Concen: 20.038 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	53.0	79.6
98	48.7	37.8	56.8

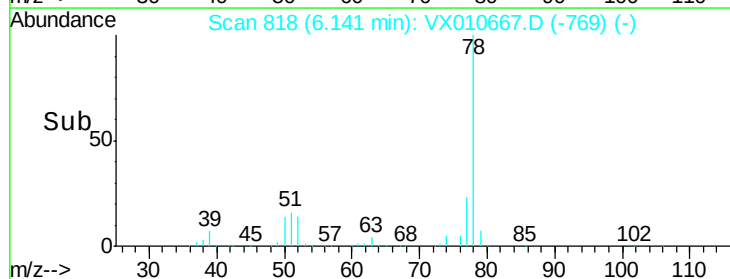
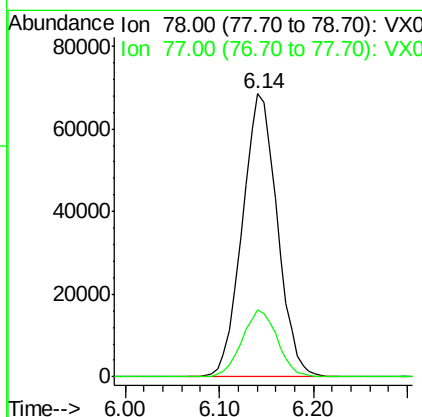
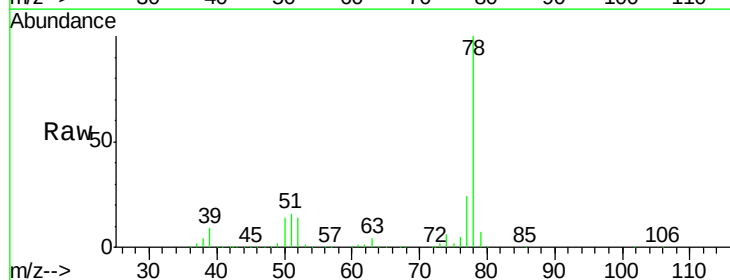
Manual Integrations
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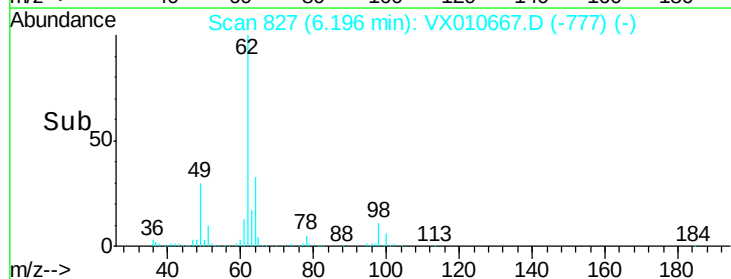
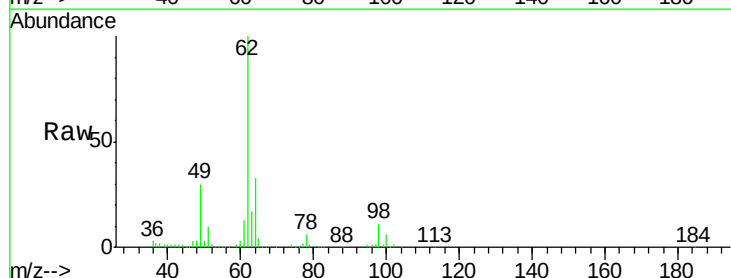
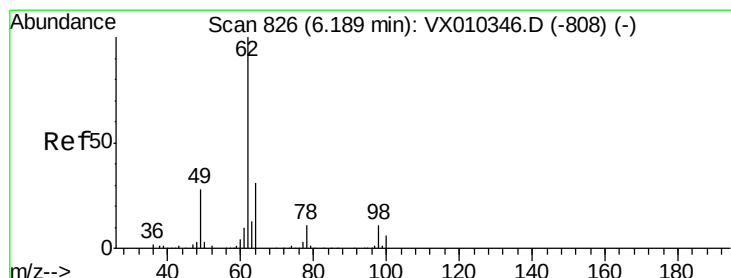
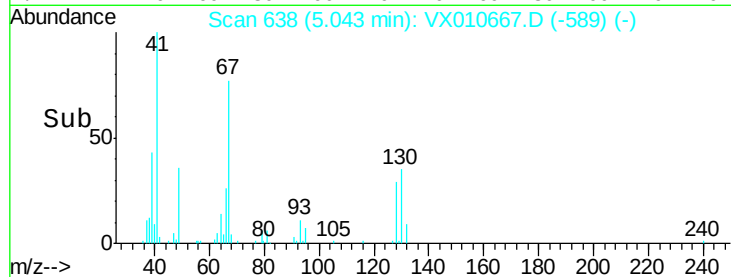
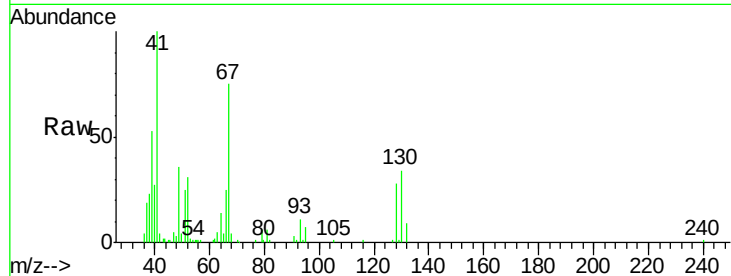
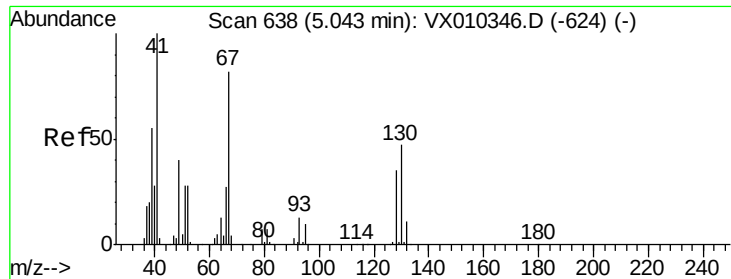
MMDadoda
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#40
Benzene
Concen: 21.678 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





#41

Methacrylonitrile

Concen: 22.458 ug/l

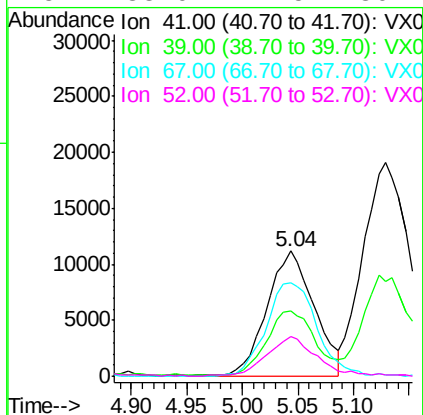
RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tot Ion	Ion	Ratio	Lower	Upper
33264	41	100		
	39	52.4	43.8	65.8
	67	79.5	66.6	100.0
	52	33.0	24.5	36.7



Instrument :

MSVOA_X

ClientSampled :

VX0703WBSD02

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 23.504 ug/l

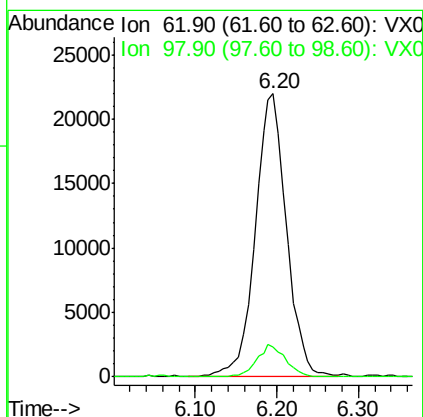
RT: 6.20 min Scan# 827

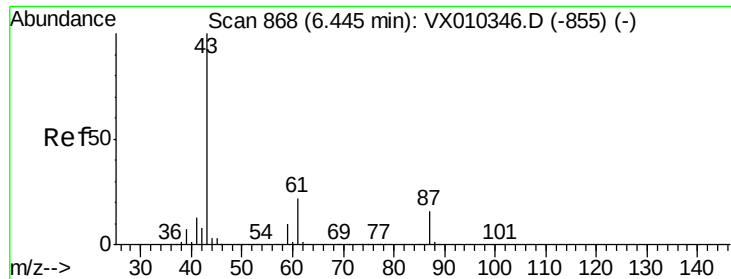
Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion	Ion	Ratio	Lower	Upper
58490	62	100		
	98	10.6	0.0	22.2





#43

Isopropyl Acetate

Concen: 21.268 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

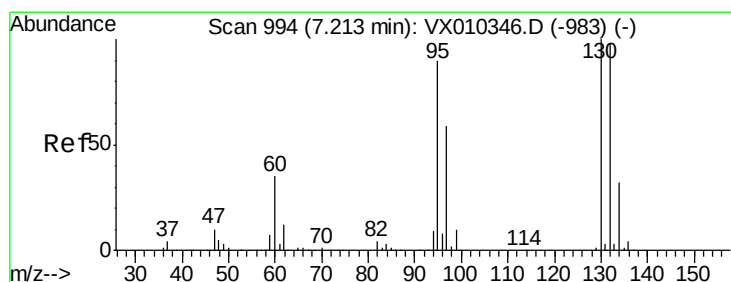
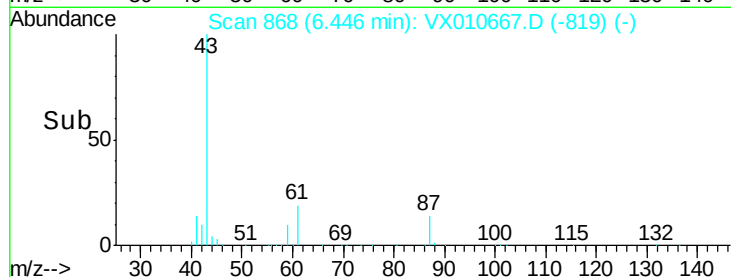
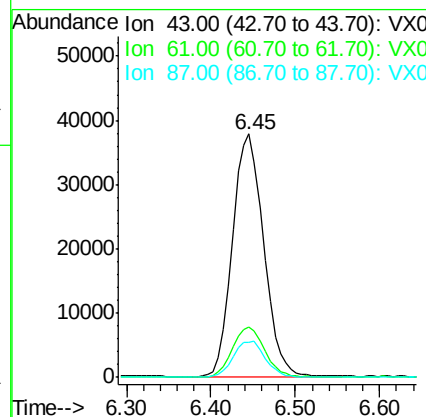
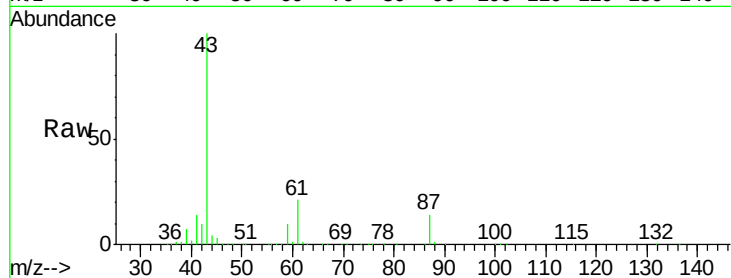
ClientSampleId :

VX0703WBSD02

Tot Ion:	43	Resp:	94992
Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.4	13.0	19.4

Manual Integrations
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7/8/2019 10:58:23 AM



#44

Trichloroethene

Concen: 21.000 ug/l

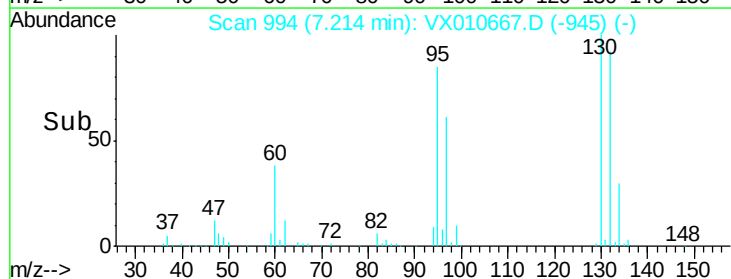
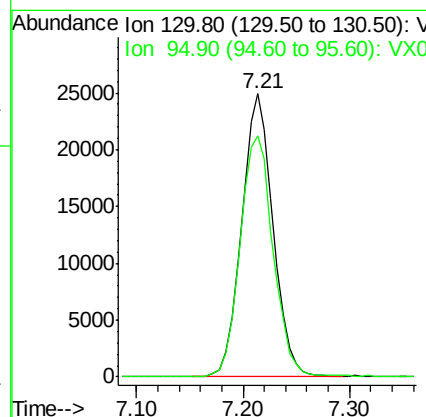
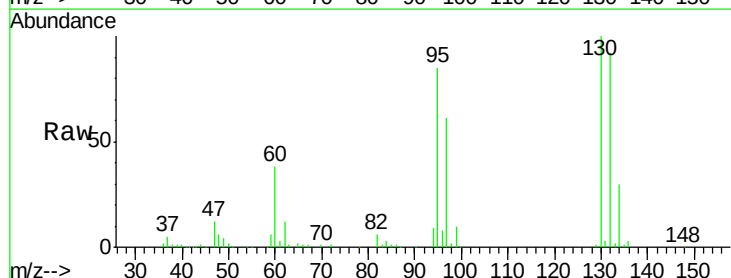
RT: 7.21 min Scan# 994

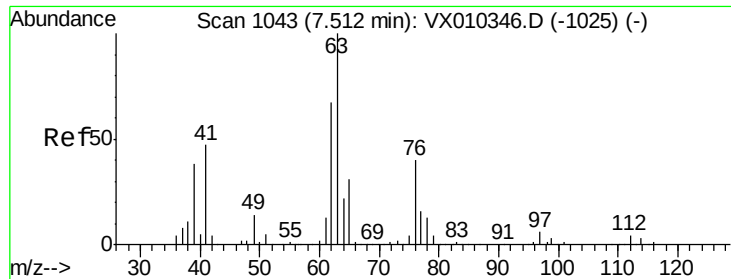
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	130	Resp:	51371
Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	180.8





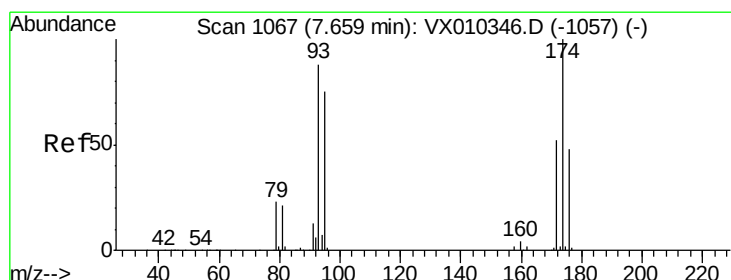
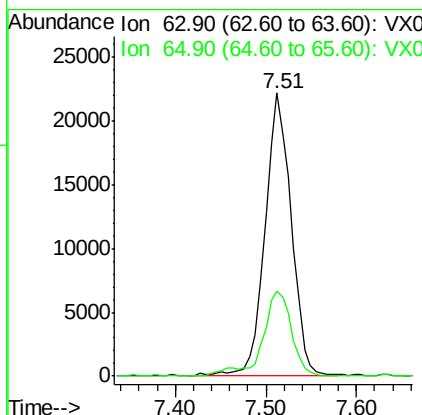
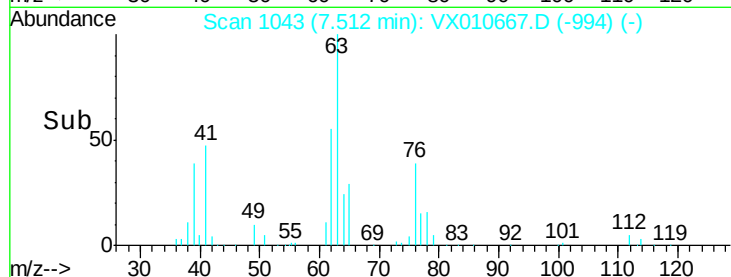
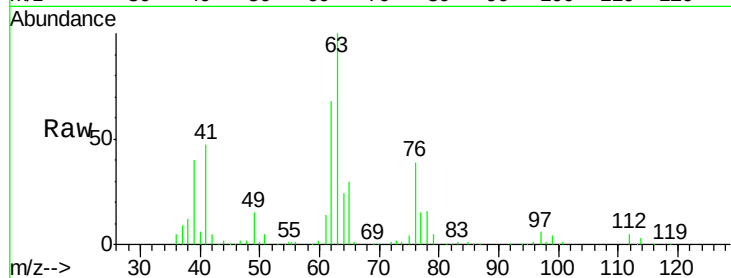
#45
 1,2-Dichloropropane
 Concen: 21.587 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion: 63 Resp: 44566
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.8 37.2

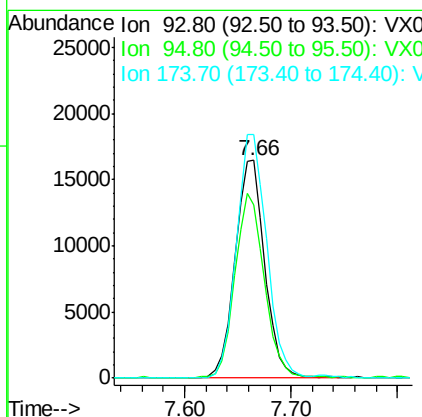
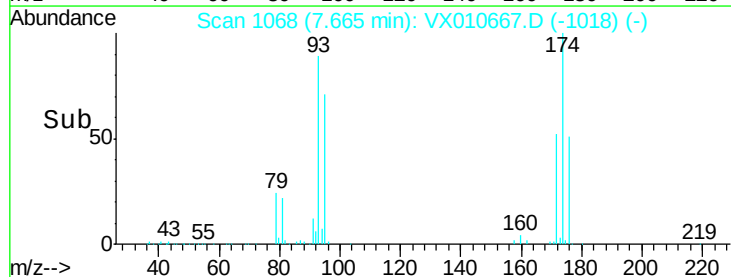
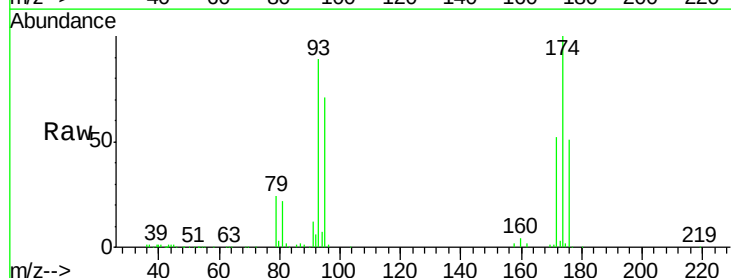
Manual Integrations
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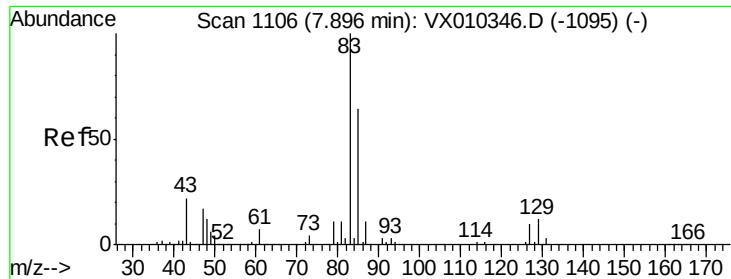
MMDadoda
 7/8/2019 10:58:23 AM



#46
 Dibromomethane
 Concen: 21.849 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 93 Resp: 32363
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.5 101.3
 174 113.7 95.8 143.6





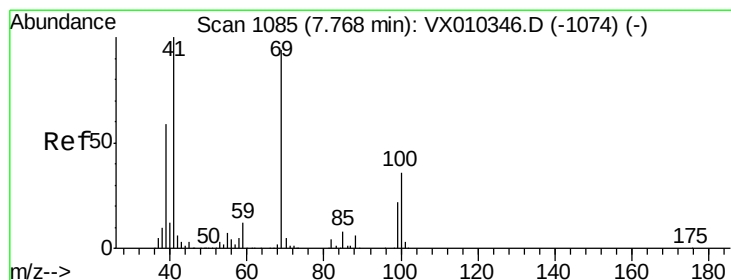
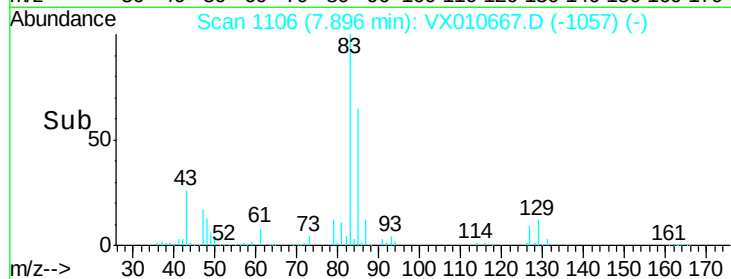
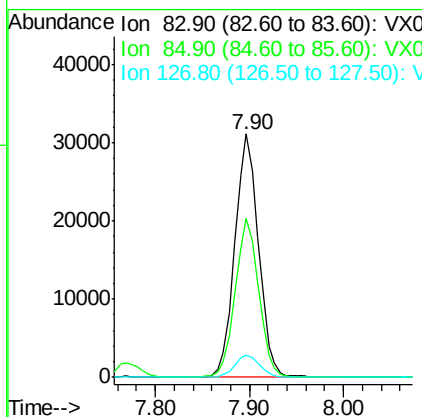
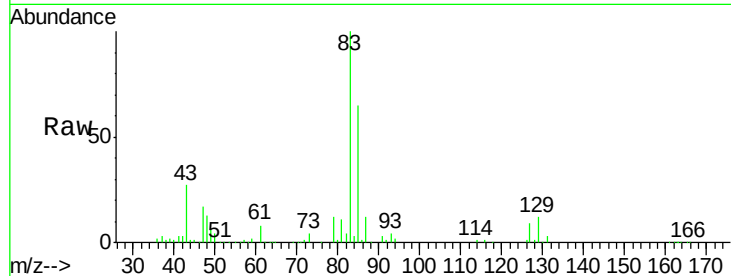
#47
Bromodichloromethane
Concen: 20.026 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	83	Resp	54361
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	51.5	77.3
127	9.3	7.8	11.8

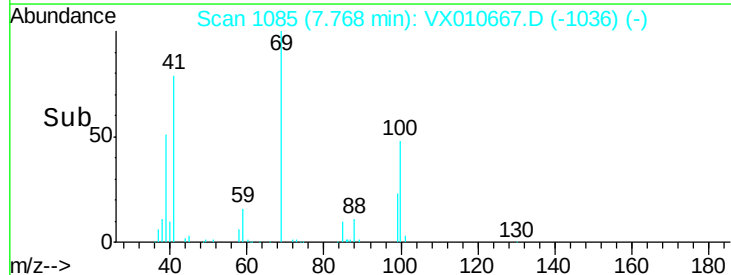
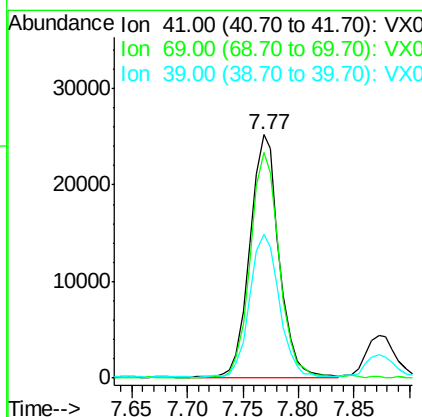
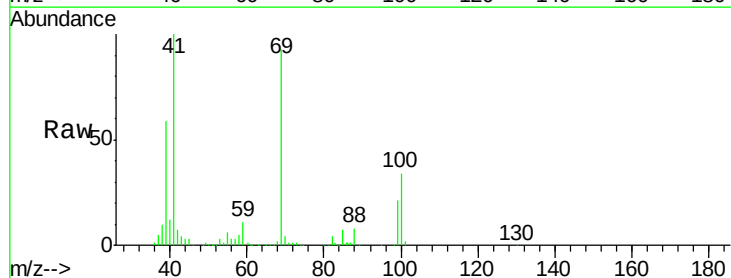
Manual Integrations
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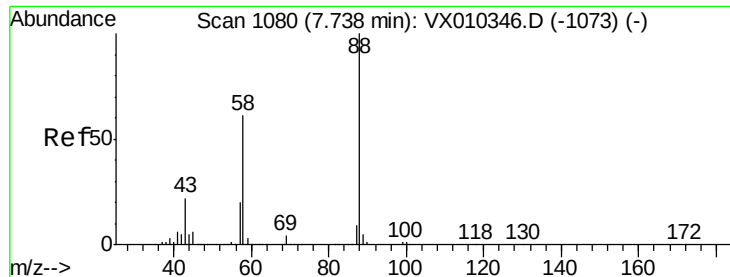
MMDadoda
7/8/2019 10:58:23 AM



#48
Methyl methacrylate
Concen: 22.005 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	41	Resp	45684
Ion Ratio	100	Lower	Upper
41	100		
69	93.1	76.1	114.1
39	59.9	47.6	71.4





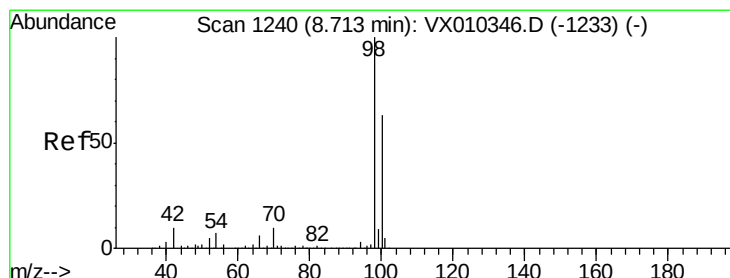
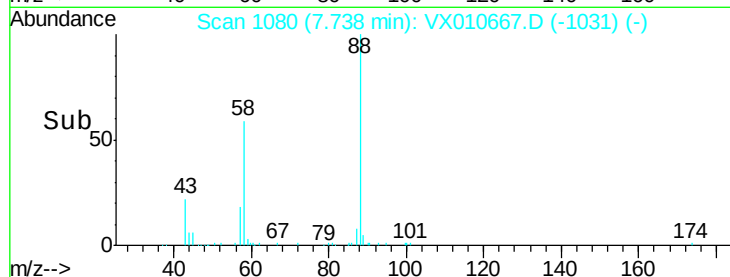
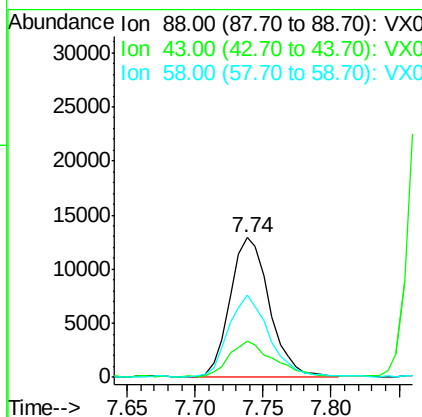
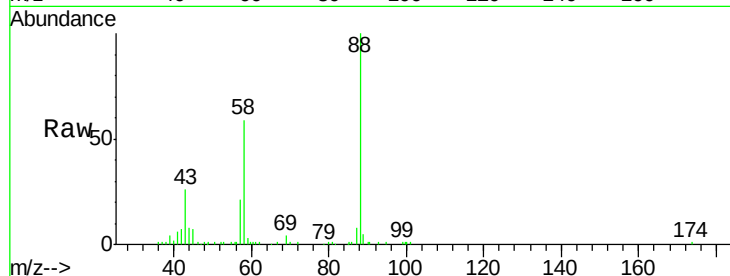
#49
1,4-Dioxane
Concen: 437.271 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	20.2	30.2
58	61.4	49.5	74.3

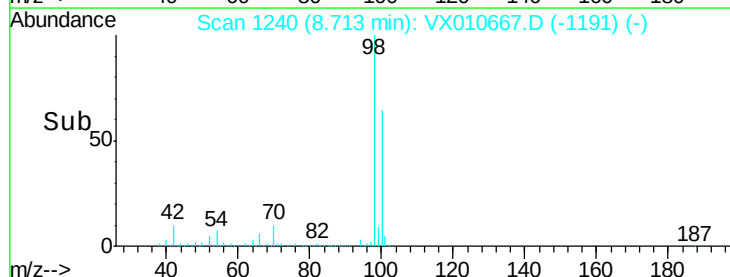
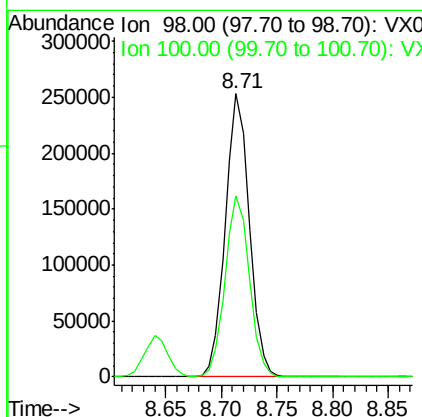
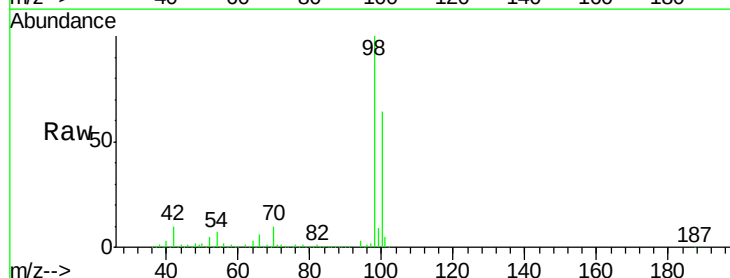
Manual Integrations
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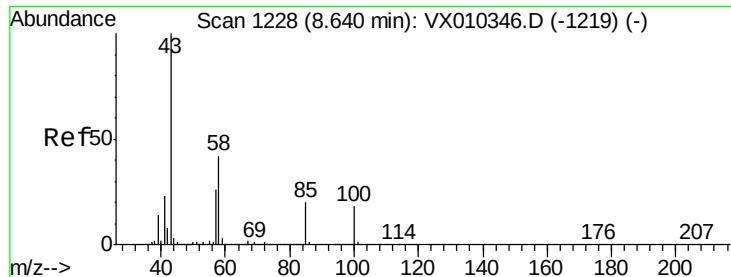
MMDadoda
7/8/2019 10:58:23 AM



#50
Toluene-d8
Concen: 48.984 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





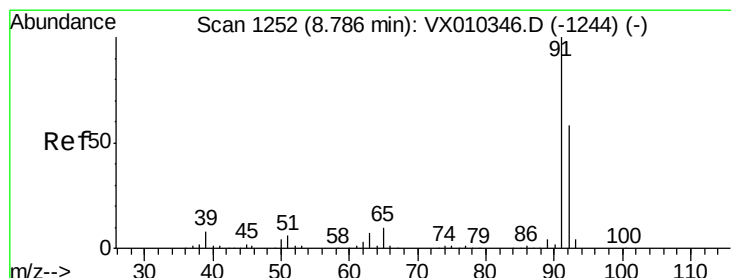
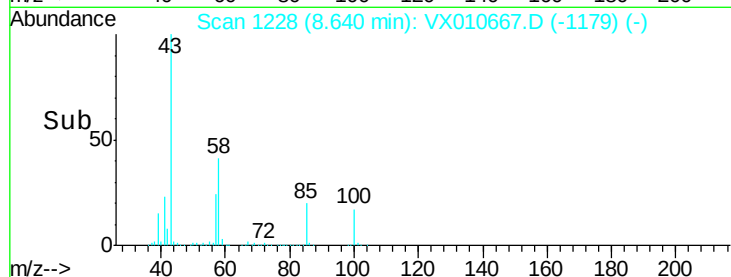
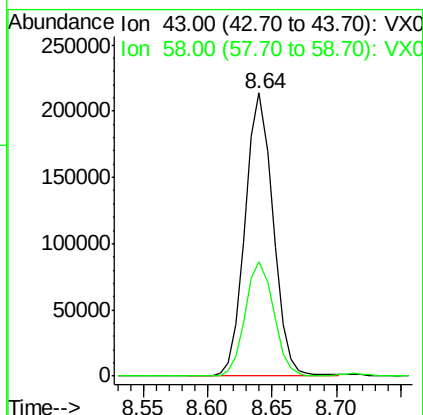
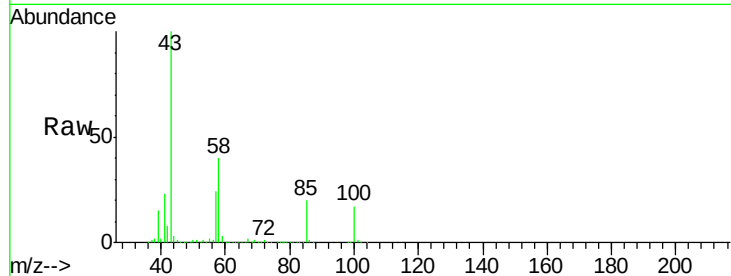
#51
 4-Methyl-2-Pentanone
 Concen: 112.142 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.2	33.5	50.3

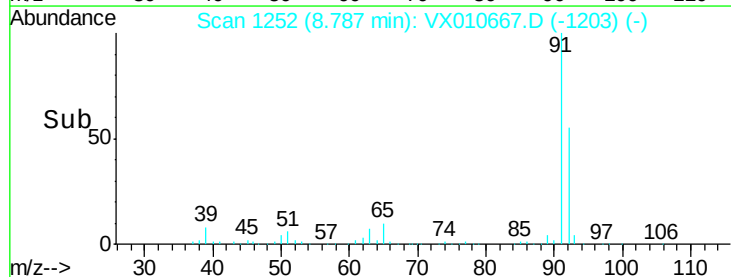
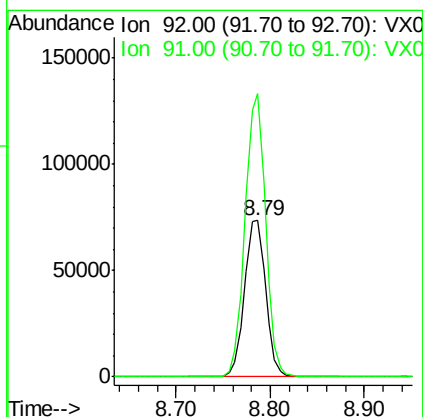
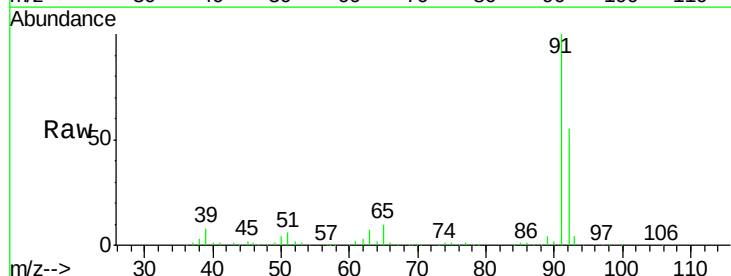
Manual Integrations
 APPROVED

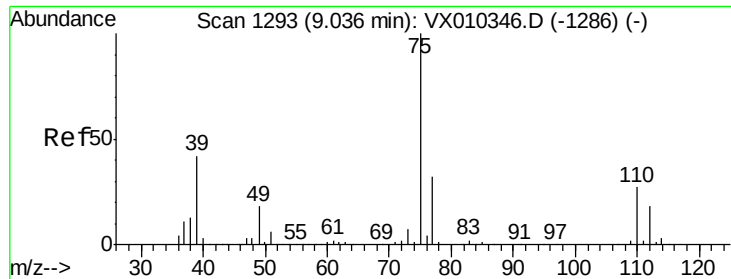
MMDadoda
 7/8/2019 10:58:23 AM



#52
 Toluene
 Concen: 21.537 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	139.8	209.6





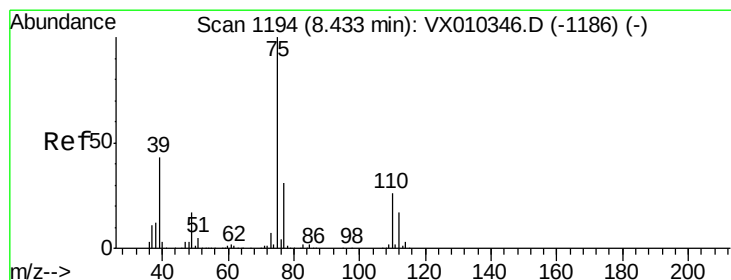
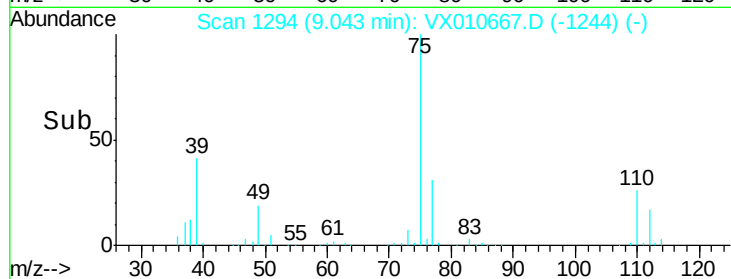
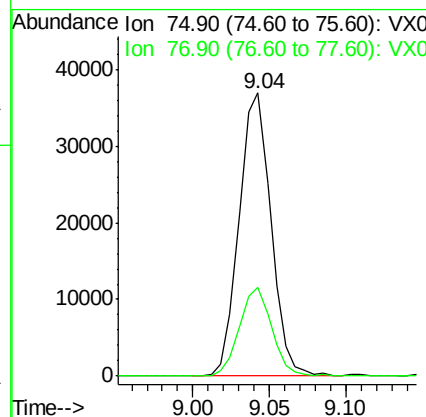
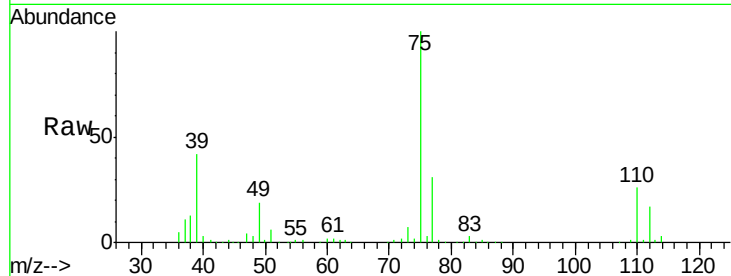
#53
 t-1,3-Dichloropropene
 Concen: 17.607 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

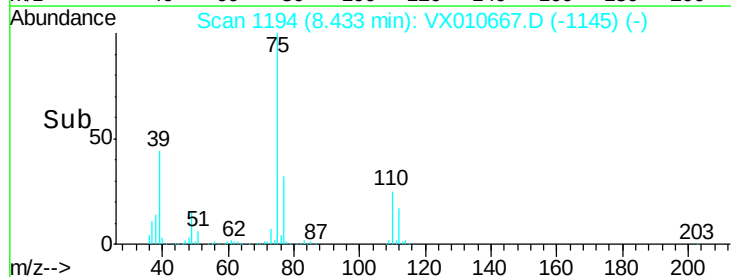
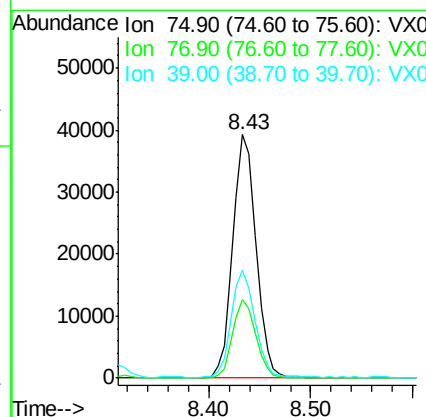
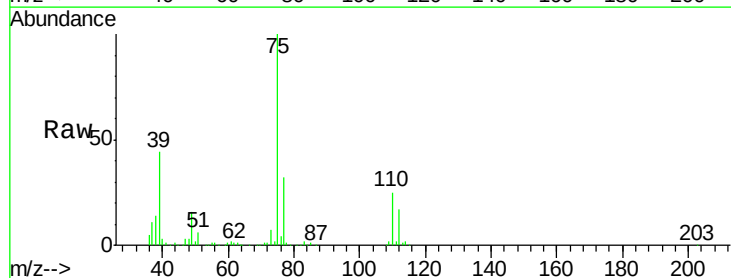
Manual Integrations
 APPROVED

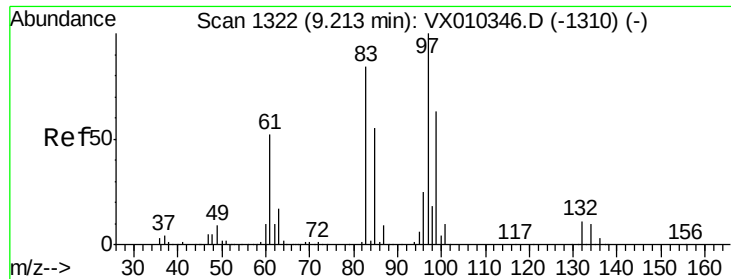
MMDadoda
 7/8/2019 10:58:23 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.762 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.2	37.8
39	44.2	34.5	51.7





#55

1,1,2-Trichloroethane

Concen: 21.988 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

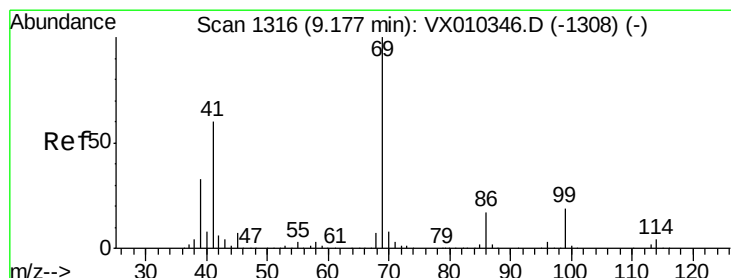
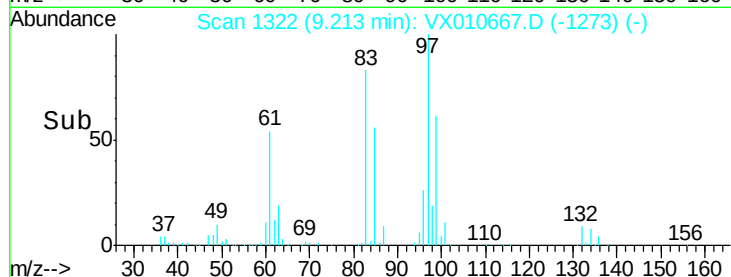
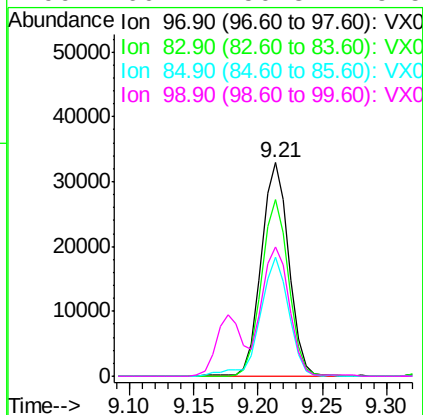
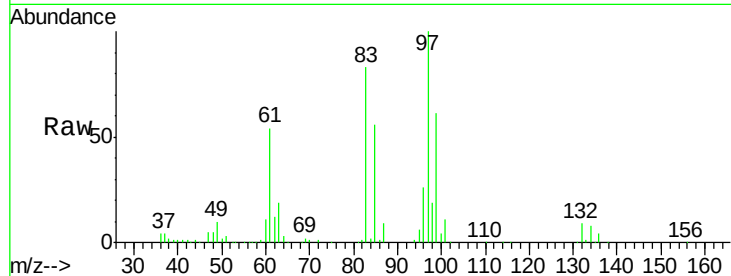
ClientSampled :

VX0703WBSD02

Tot Ion:	97	Resp:	48821
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.4	101.0
85	55.5	43.8	65.8
99	60.7	50.3	75.5

Manual Integrations
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MMDadoda
7/8/2019 10:58:23 AM



#56

Ethyl methacrylate

Concen: 21.043 ug/l

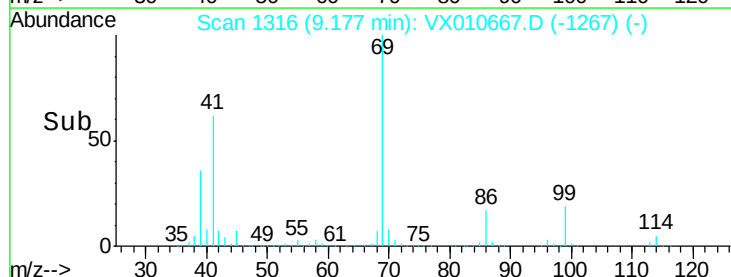
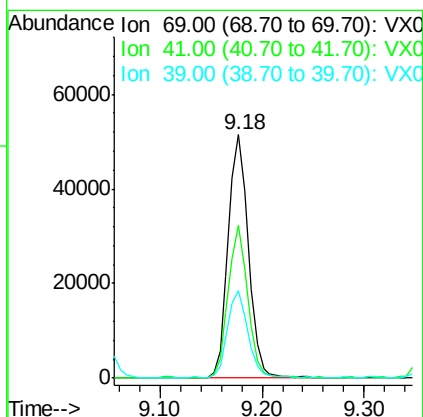
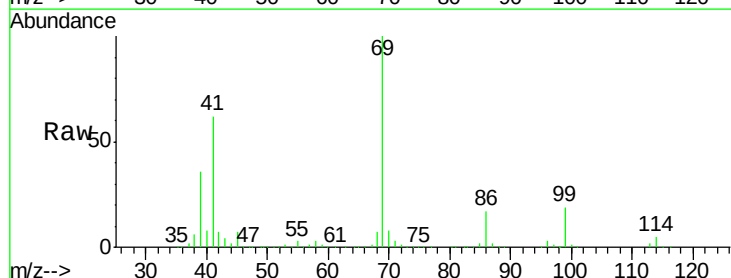
RT: 9.18 min Scan# 1316

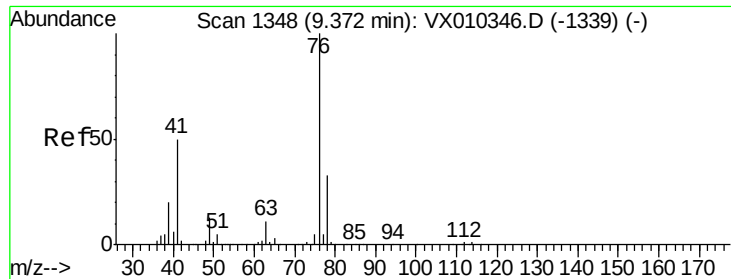
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	69	Resp:	70778
Ion	Ratio	Lower	Upper
69	100		
41	59.9	47.1	70.7
39	35.7	26.6	40.0





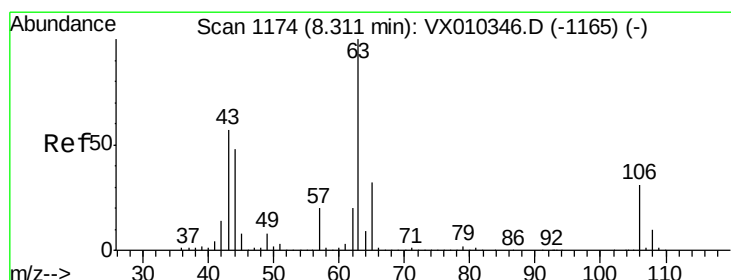
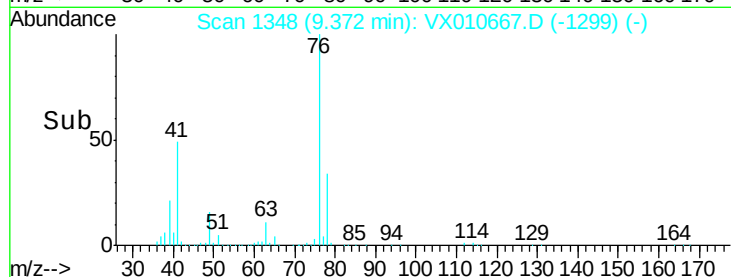
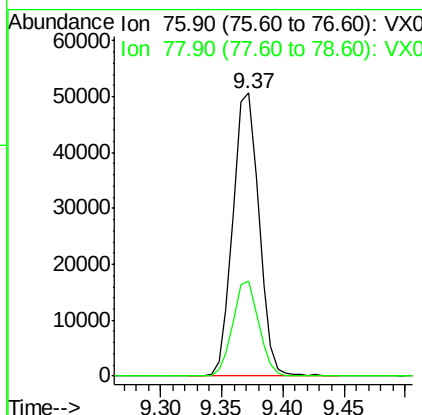
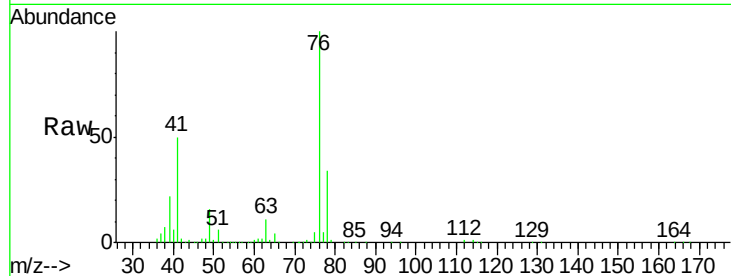
#57
 1,3-Dichloropropane
 Concen: 21.670 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion: 76 Resp: 74688
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.1 39.1

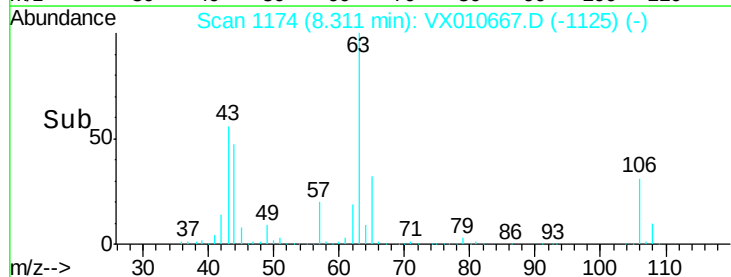
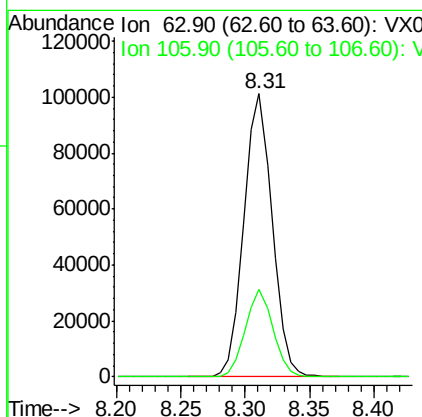
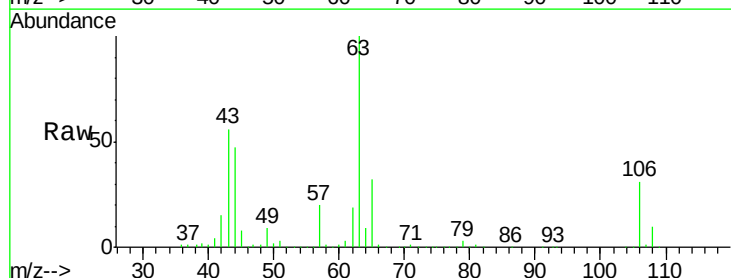
Manual Integrations
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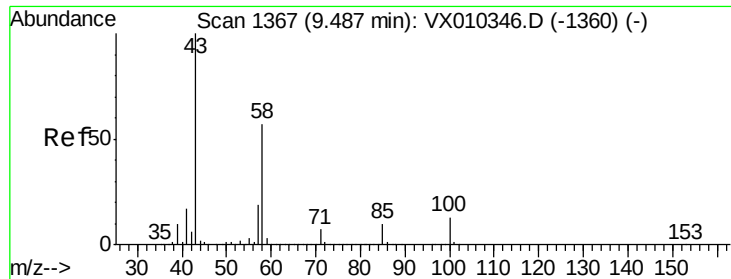
MMDadoda
 7/8/2019 10:58:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.826 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 63 Resp: 153076
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.7 37.1





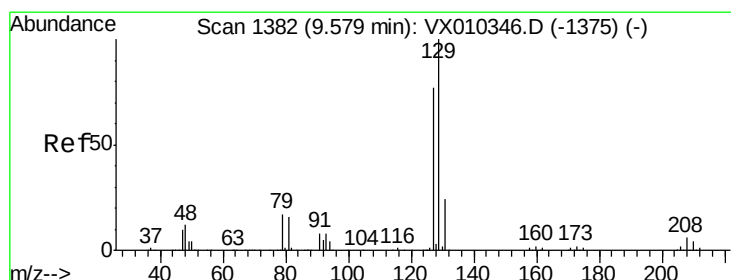
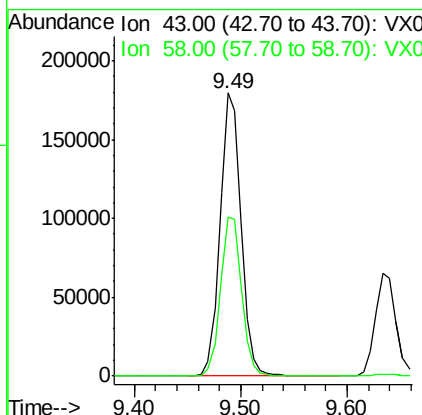
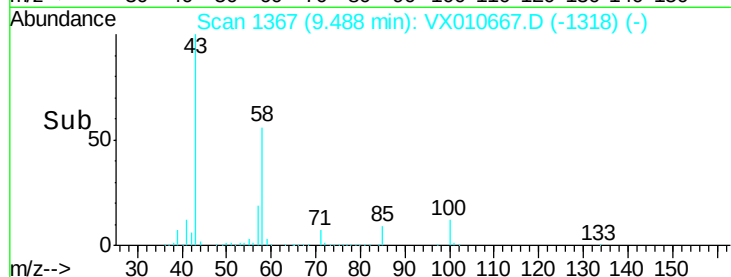
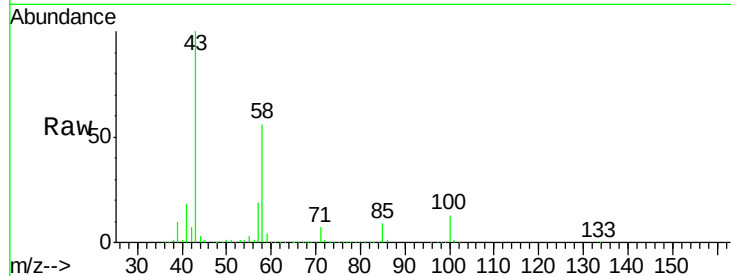
#59
2-Hexanone
Concen: 109.939 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 43 Resp: 247162
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1

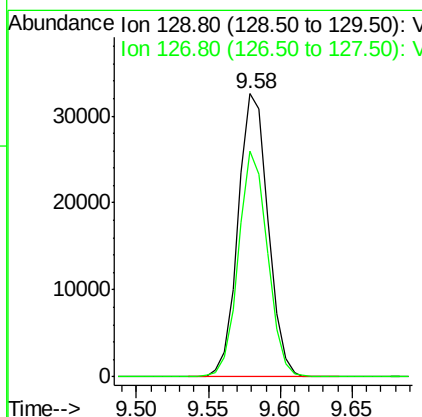
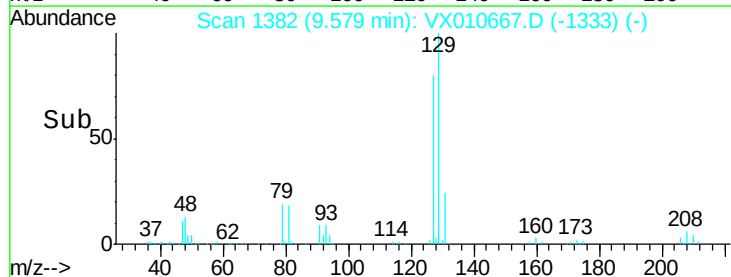
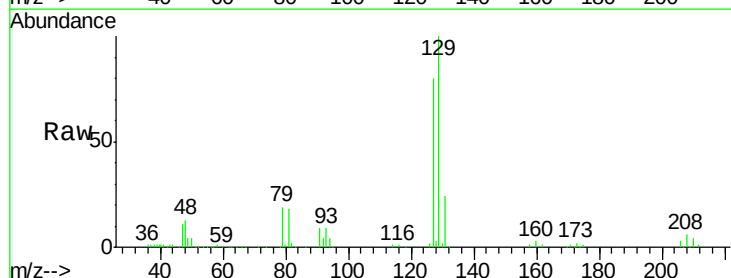
Manual Integrations
APPROVED

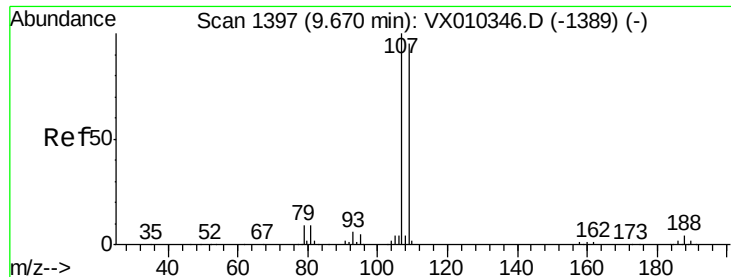
MMDadoda
7/8/2019 10:58:23 AM



#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 129 Resp: 47234
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





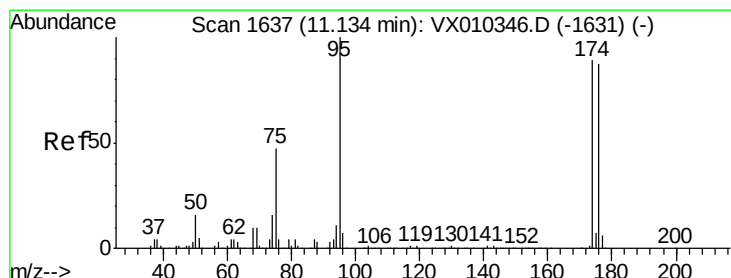
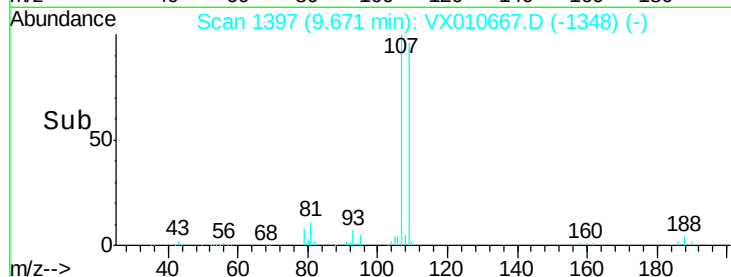
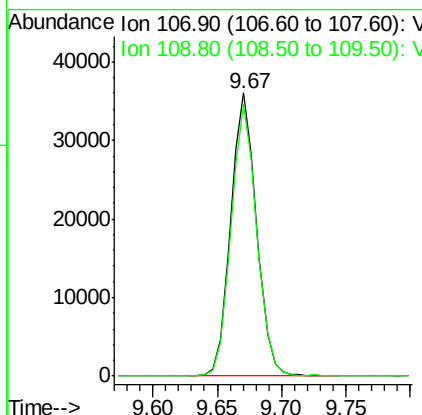
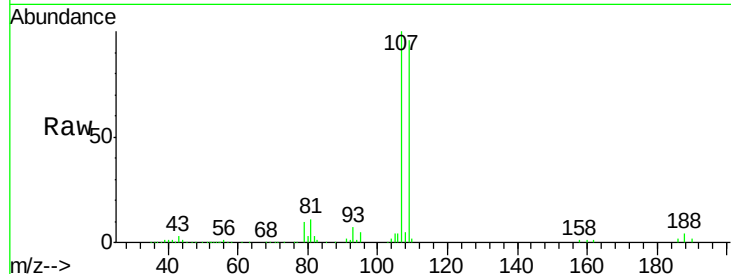
#61
 1,2-Dibromoethane
 Concen: 21.019 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion:107 Resp: 50374
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.8 113.6

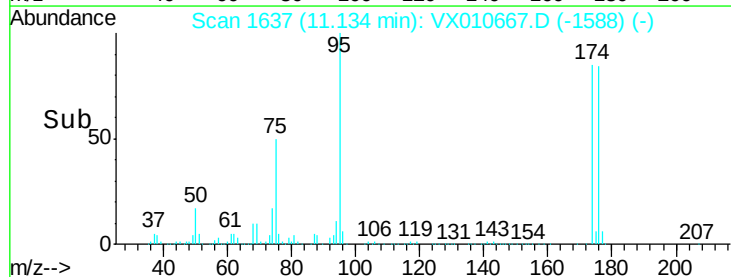
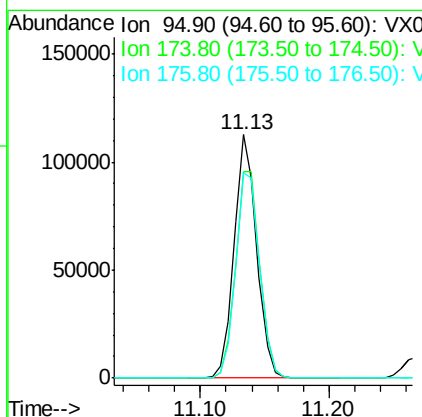
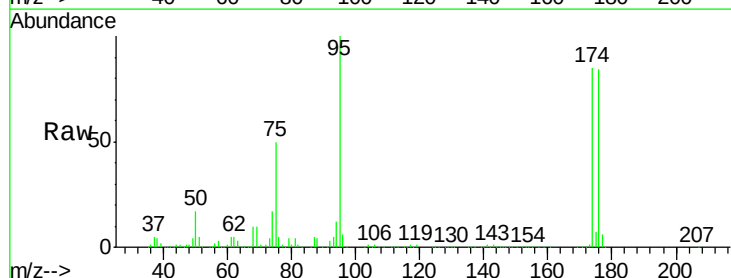
Manual Integrations
 APPROVED

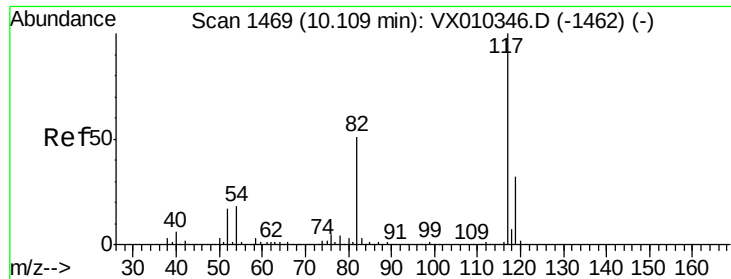
MMDadoda
 7/8/2019 10:58:23 AM



#62
 4-Bromofluorobenzene
 Concen: 49.203 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion: 95 Resp: 137307
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 187.6
 176 89.5 0.0 184.0





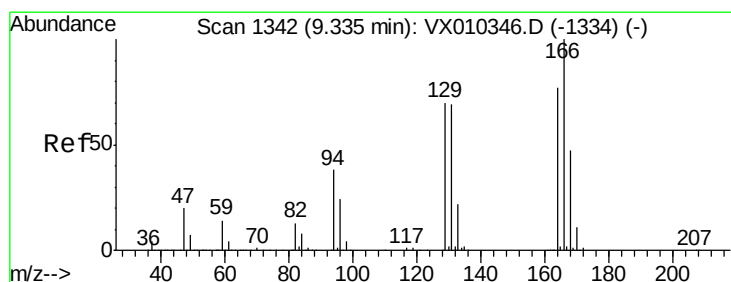
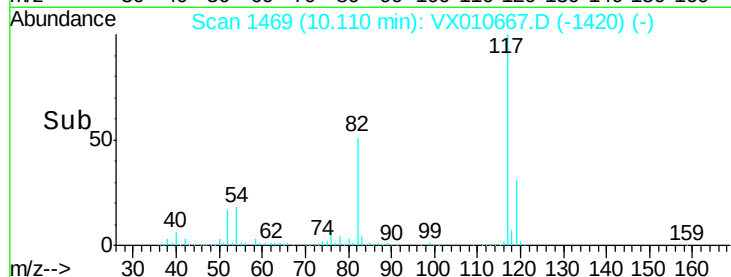
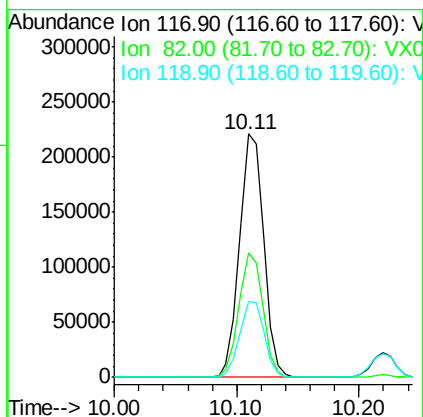
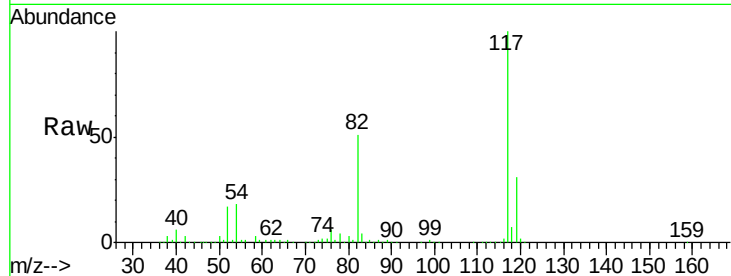
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.2	61.8
119	31.4	25.5	38.3

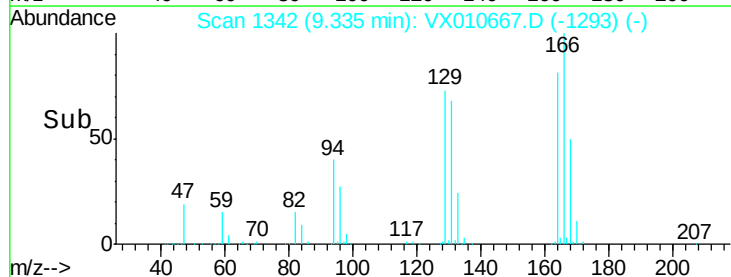
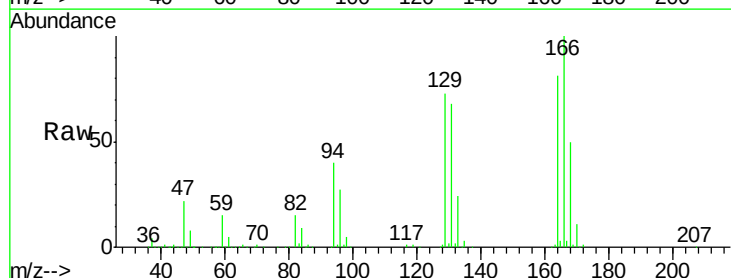
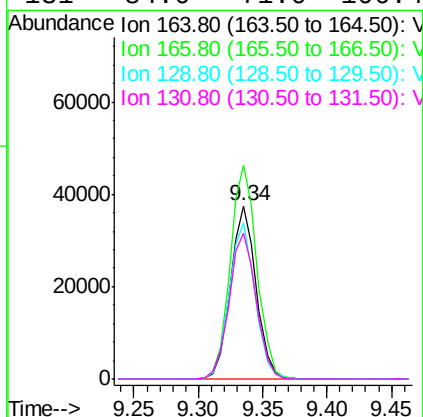
Manual Integrations
APPROVED

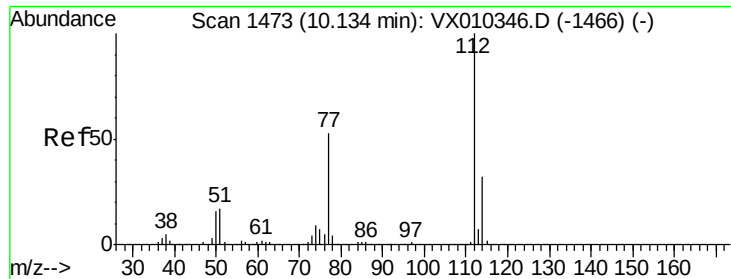
MMDadoda
7/8/2019 10:58:23 AM



#64
Tetrachloroethene
Concen: 21.369 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.4	103.6	155.4
129	89.9	73.0	109.4
131	84.0	71.0	106.4





#65

Chlorobenzene

Concen: 21.234 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampled :

VX0703WBSD02

Tot Ion:112 Resp: 129997

Ion Ratio Lower Upper

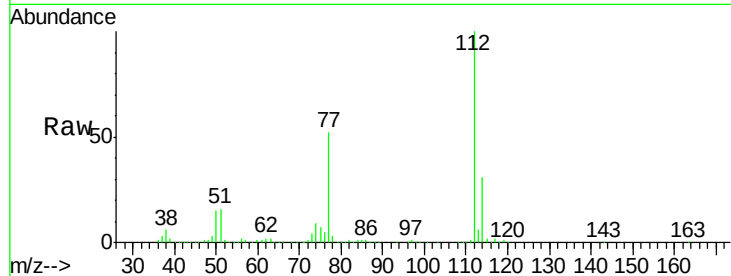
112 100

114 31.3 25.4 38.2

Manual Integrations
APPROVED

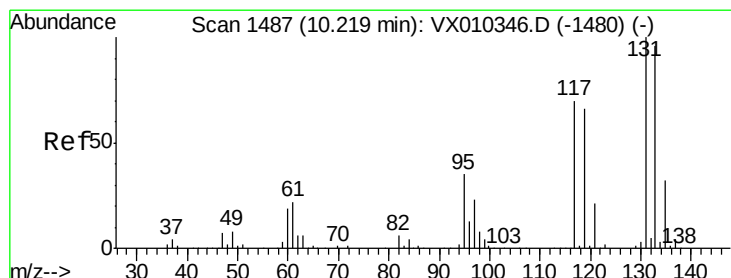
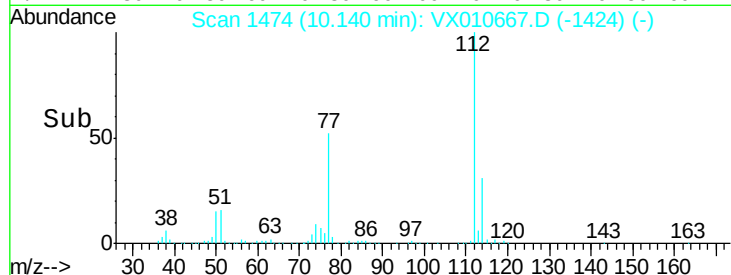
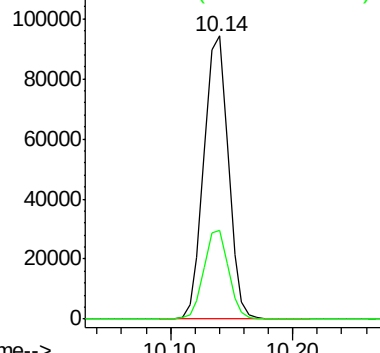
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.933 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

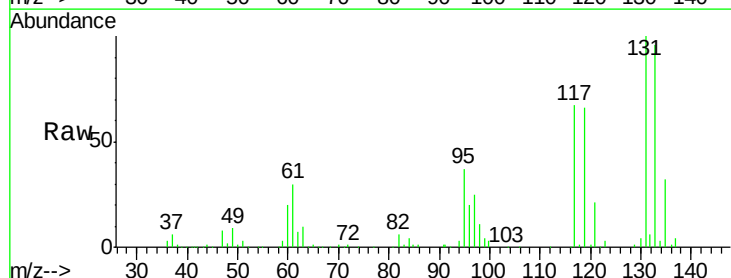
Tgt Ion:131 Resp: 44451

Ion Ratio Lower Upper

131 100

133 96.7 47.7 143.1

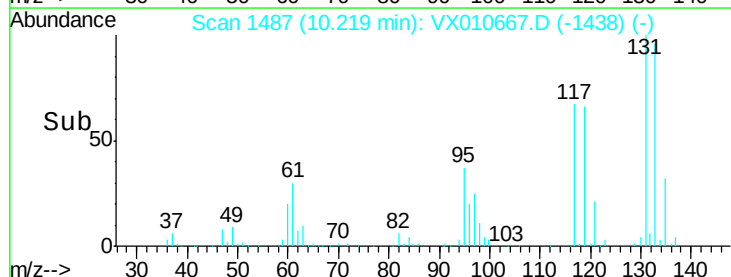
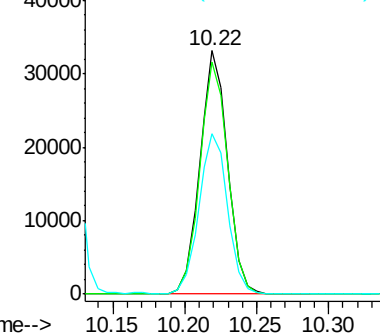
119 68.2 32.6 97.7

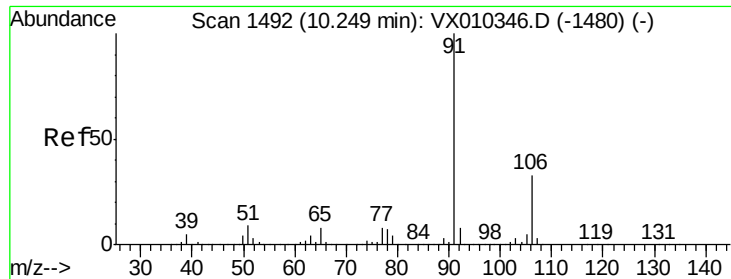


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





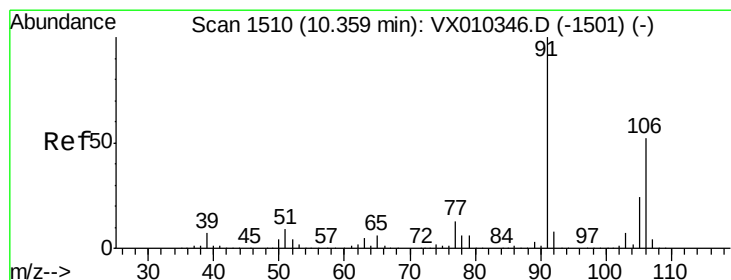
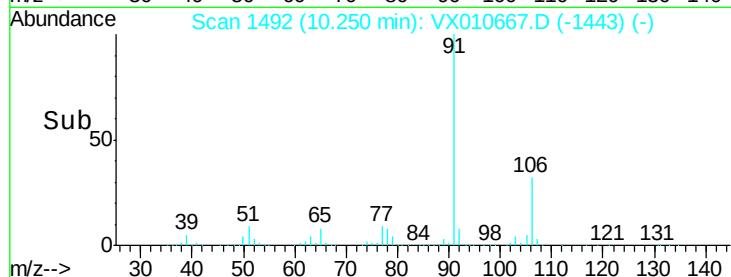
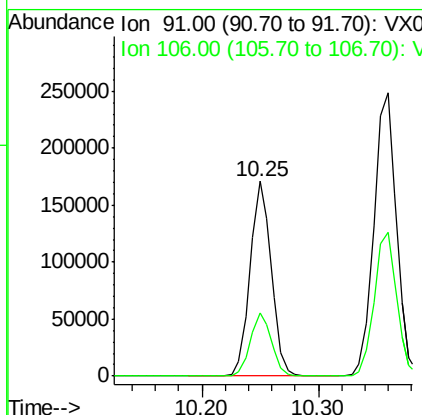
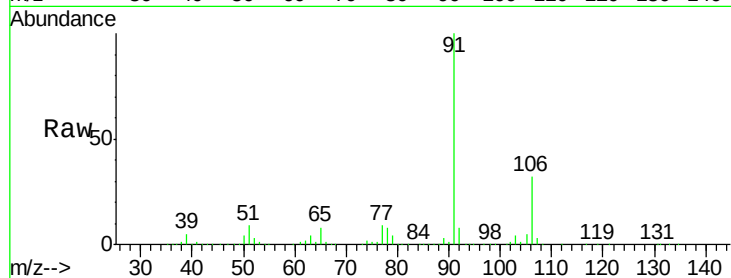
#67
Ethyl Benzene
Concen: 21.121 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 91 Resp: 218290
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2

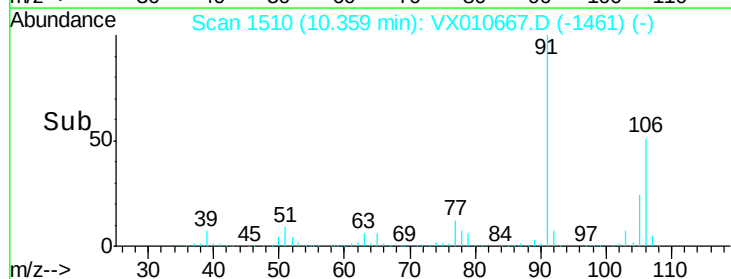
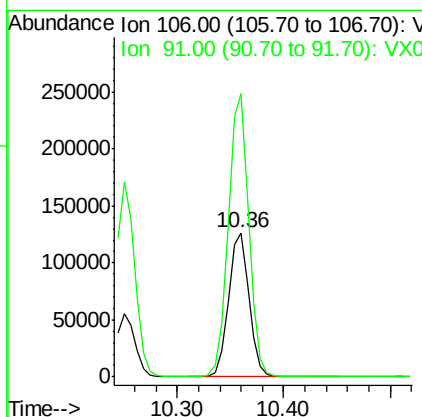
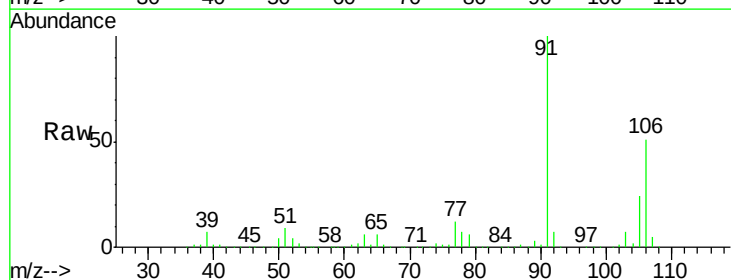
Manual Integrations
APPROVED

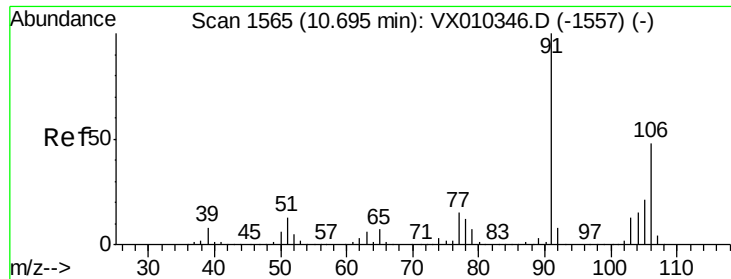
MMDadoda
7/8/2019 10:58:23 AM



#68
m/p-Xylenes
Concen: 42.697 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 106 Resp: 170988
Ion Ratio Lower Upper
106 100
91 195.8 155.3 232.9





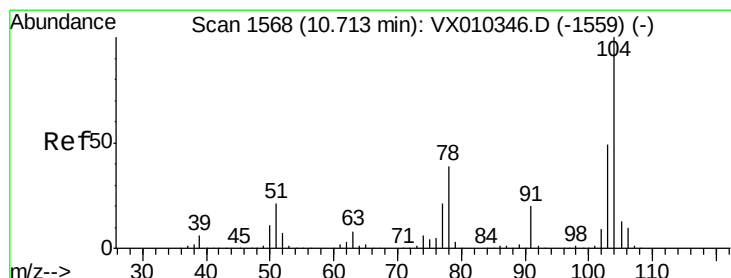
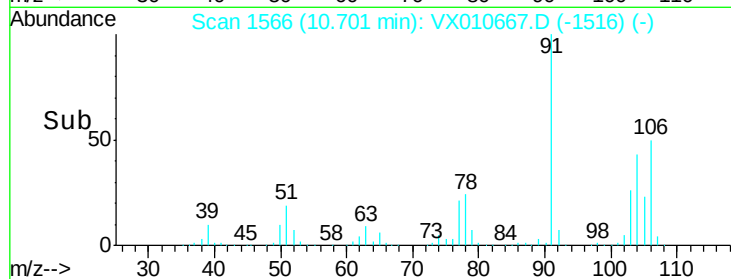
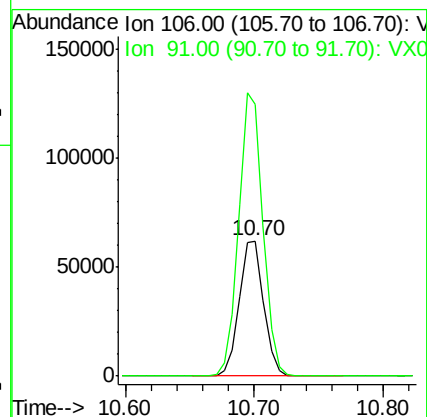
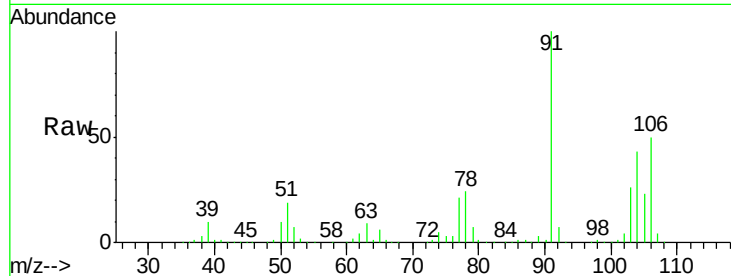
#69
o-Xylene
Concen: 20.987 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampled :
VX0703WBSD02

Tot Ion:106 Resp: 82653
Ion Ratio Lower Upper
106 100
91 206.6 102.7 308.1

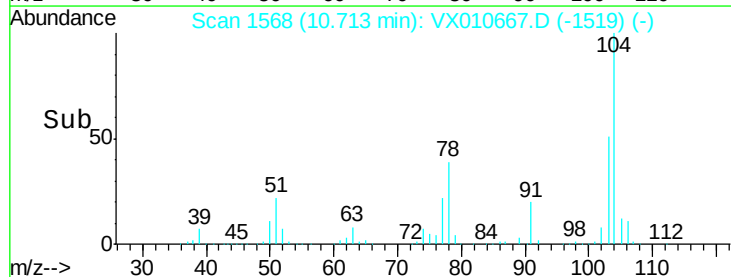
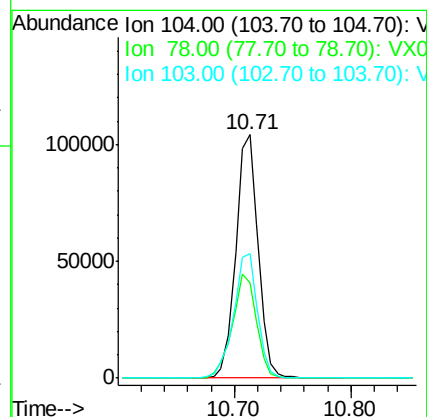
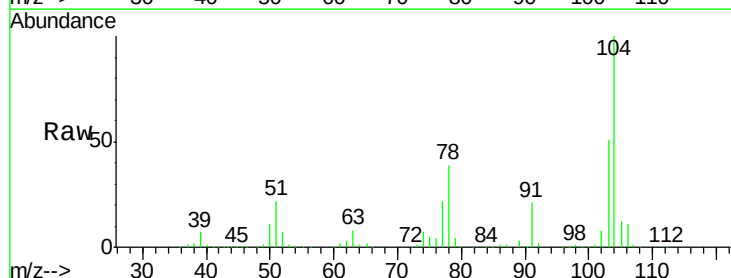
Manual Integrations
APPROVED

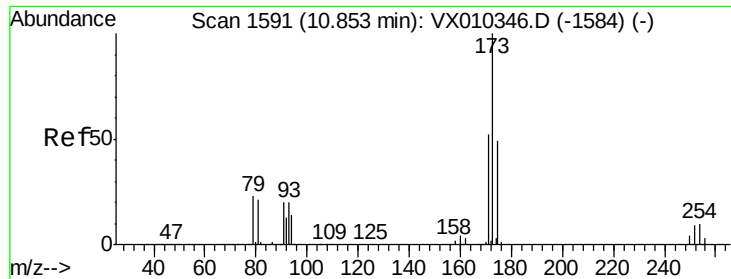
MMDadoda
7/8/2019 10:58:23 AM



#70
Styrene
Concen: 21.029 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion:104 Resp: 138890
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 17.229 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

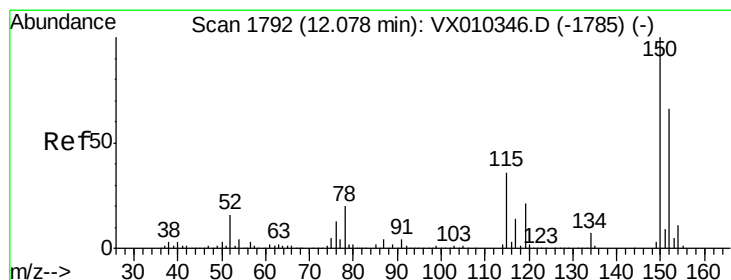
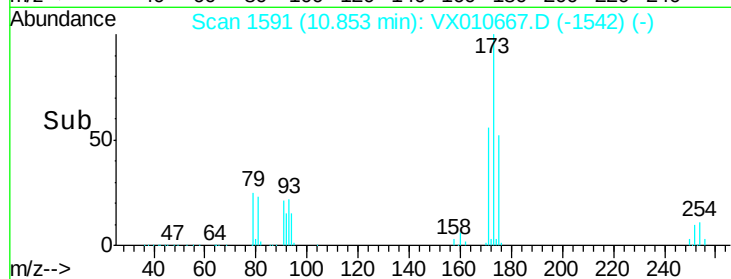
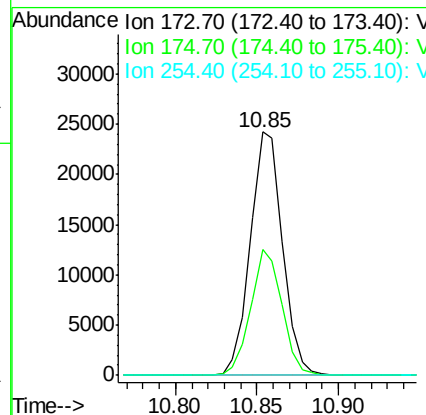
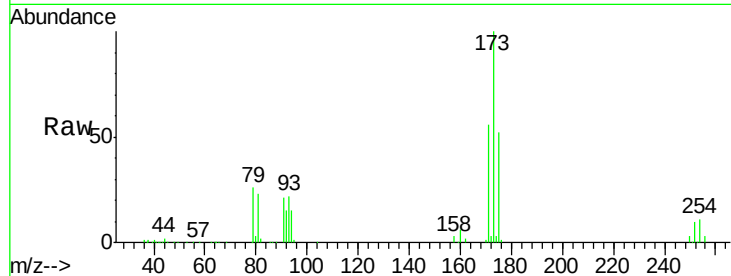
ClientSampleId :

VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.1	72.3
254	0.0	0.2	0.2

Manual Integrations
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7/8/2019 10:58:23 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

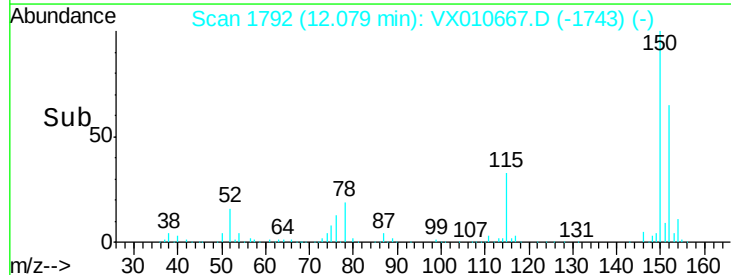
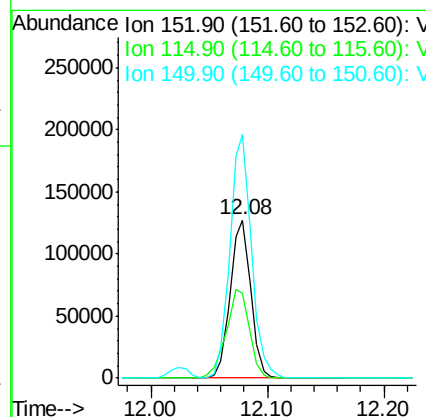
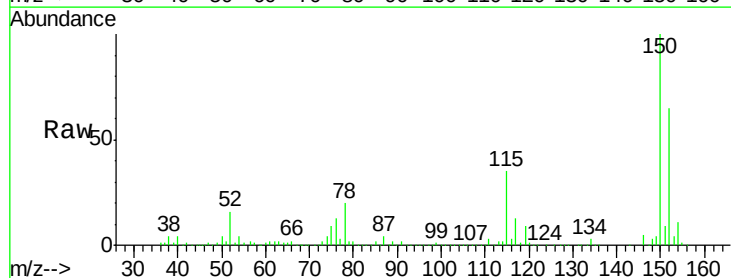
RT: 12.08 min Scan# 1792

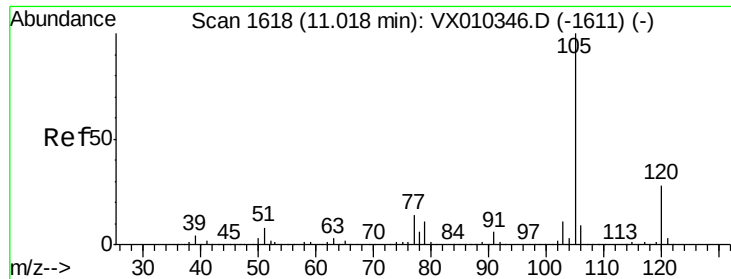
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	38.6	115.7
150	160.6	0.0	347.4





#73

Isopropylbenzene

Concen: 20.813 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion:105 Resp: 219308

Ion Ratio Lower Upper

105 100

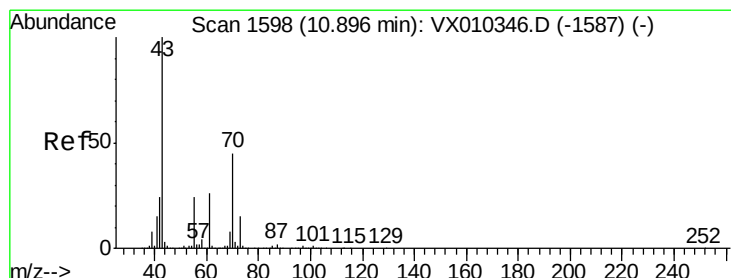
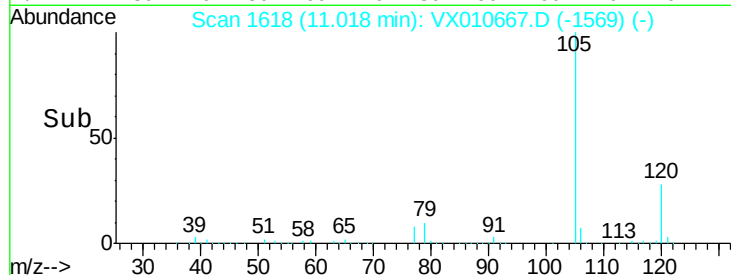
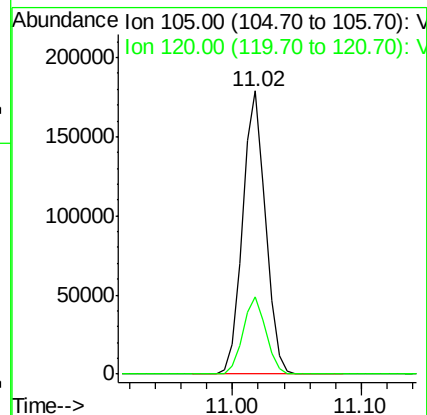
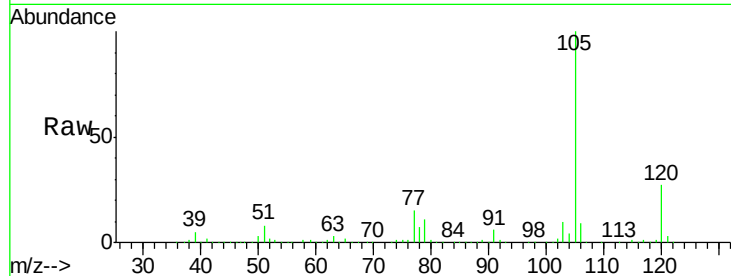
120 27.4 14.1 42.4

Manual Integrations

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MMDadoda

7/8/2019 10:58:23 AM



#74

N-ethyl acetate

Concen: 20.626 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion: 43 Resp: 82140

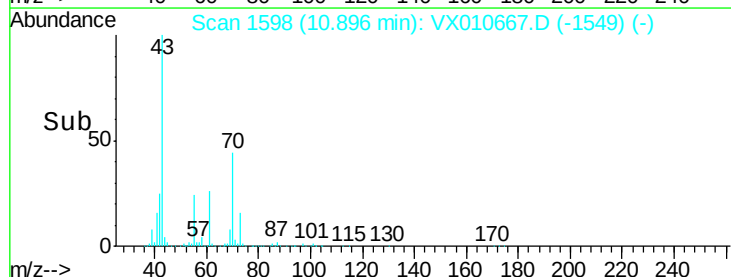
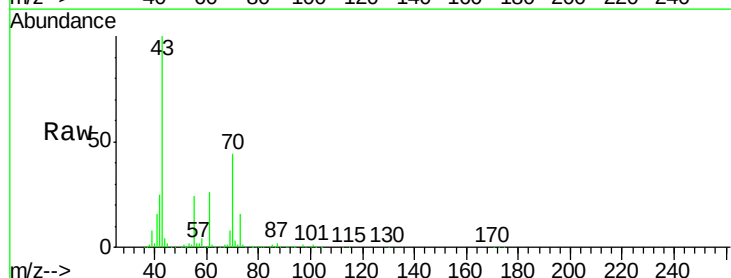
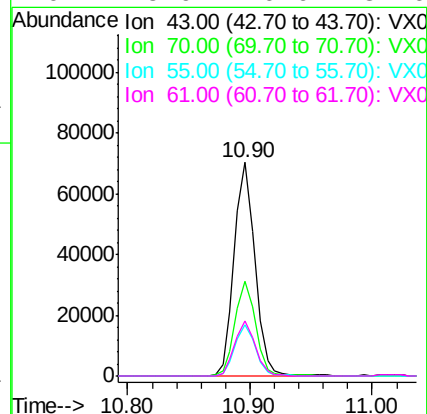
Ion Ratio Lower Upper

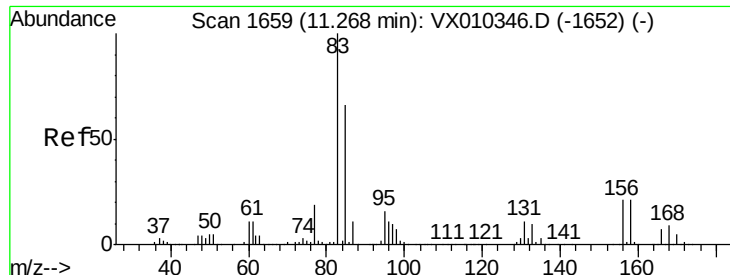
43 100

70 44.5 36.6 54.8

55 24.4 18.7 28.1

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.992 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

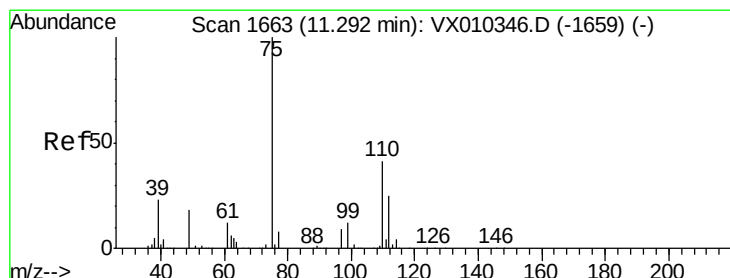
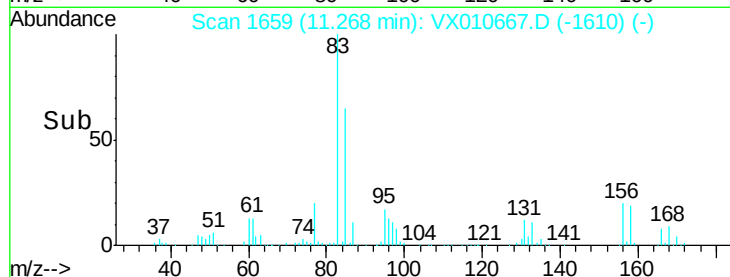
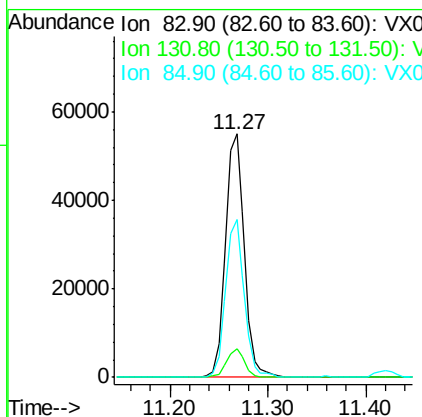
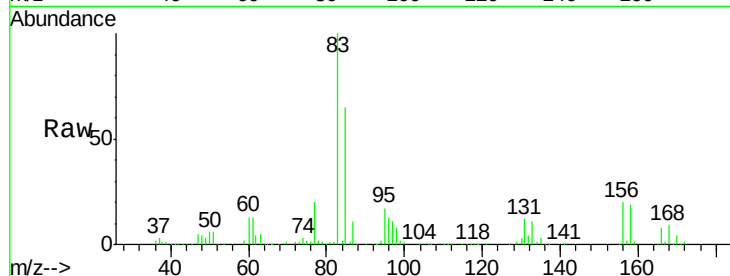
ClientSampleId :

VX0703WBSD02

Tot Ion:	83	Resp:	73256
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.6	32.3	96.8

Manual Integrations
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7/8/2019 10:58:23 AM



#76

1,2,3-Trichloropropane

Concen: 20.696 ug/l m

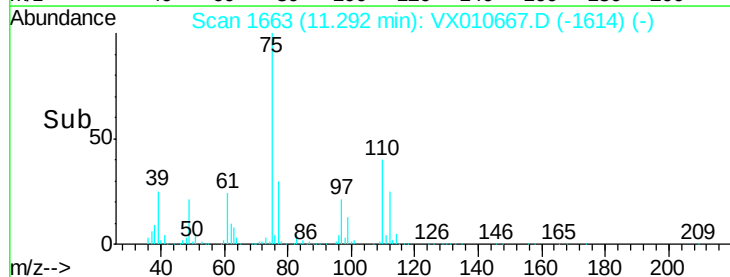
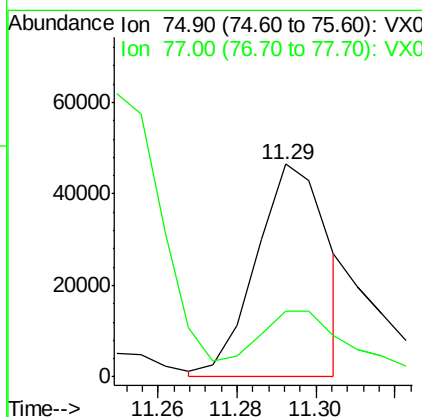
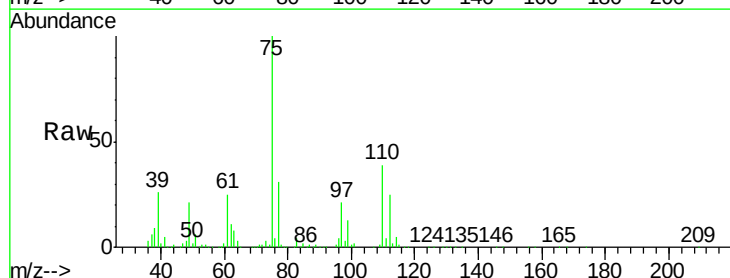
RT: 11.29 min Scan# 1663

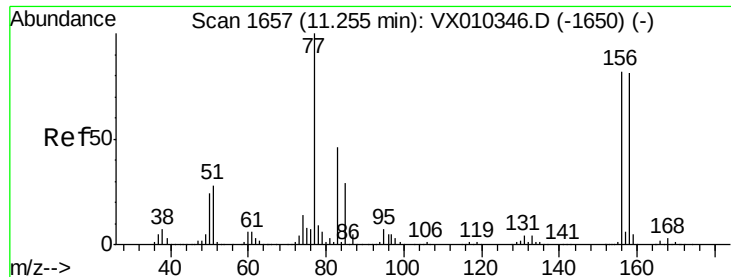
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	75	Resp:	58625
Ion	Ratio	Lower	Upper
75	100		
77	40.7	22.6	67.8





#77

Bromobenzene

Concen: 20.021 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

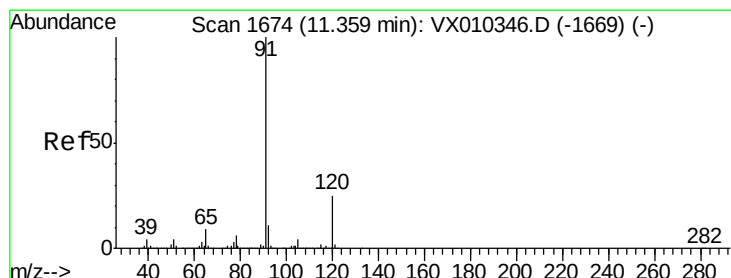
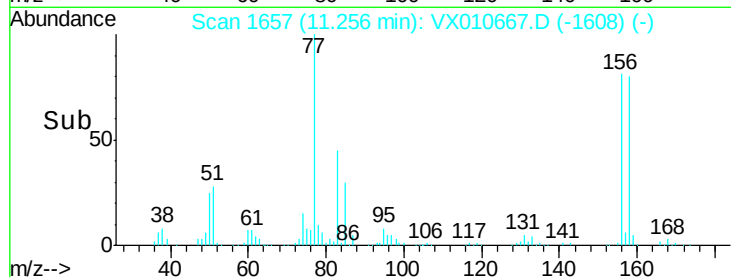
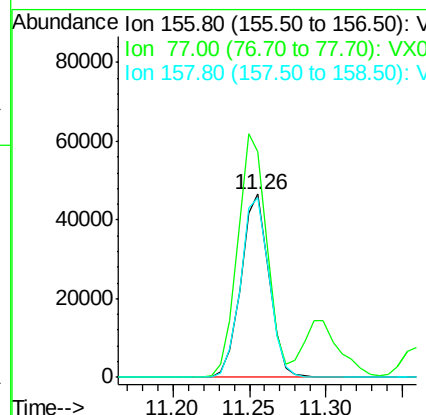
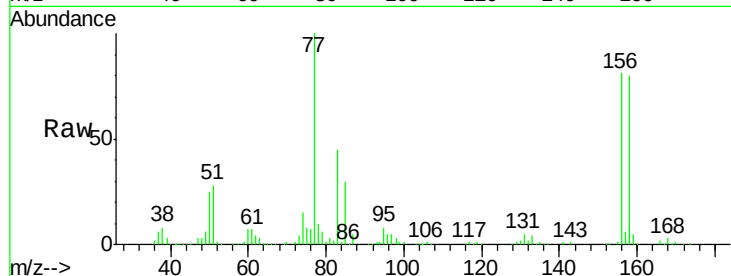
ClientSampleId :

VX0703WBSD02

Tot Ion:	156	Resp:	58907
Ion	Ratio	Lower	Upper
156	100		
77	138.1	66.3	198.7
158	100.8	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 20.810 ug/l

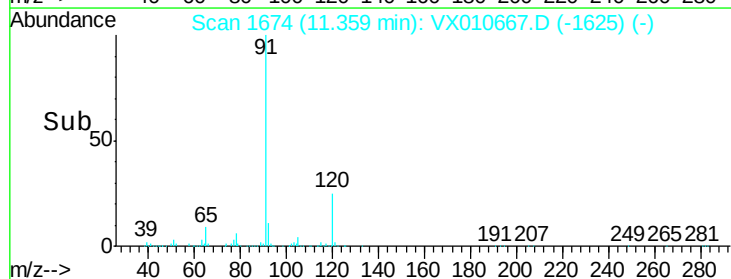
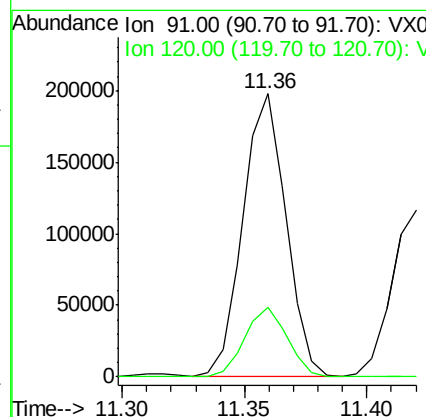
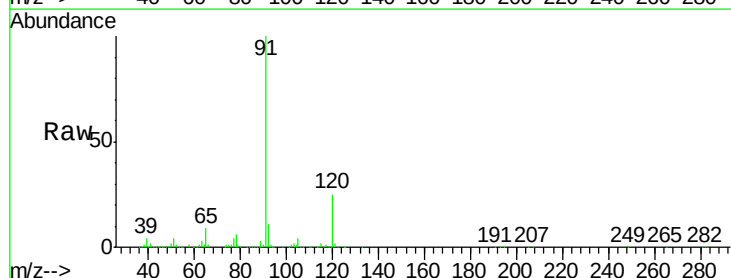
RT: 11.36 min Scan# 1674

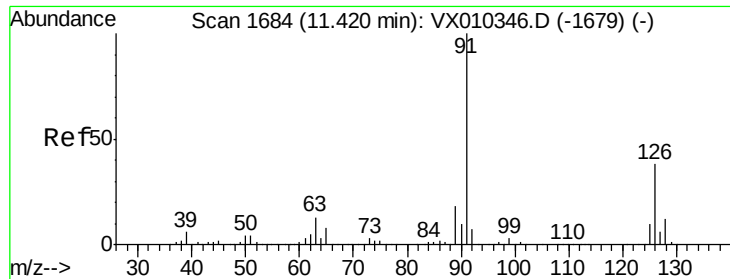
Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	91	Resp:	241001
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.4





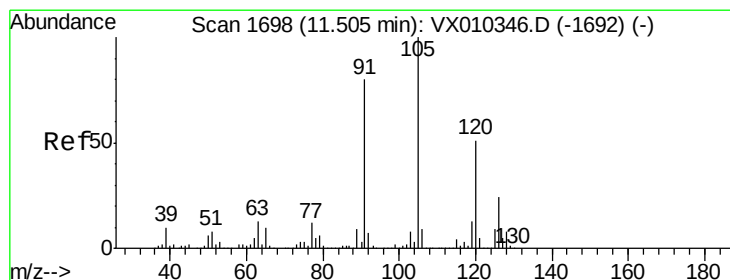
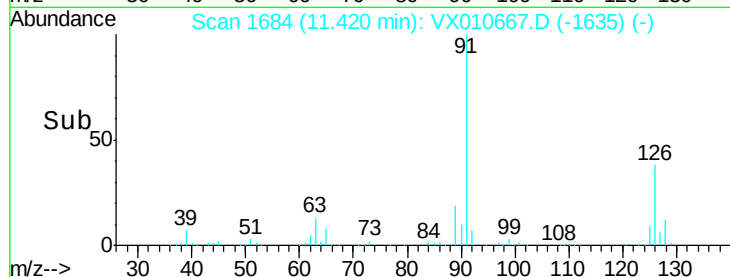
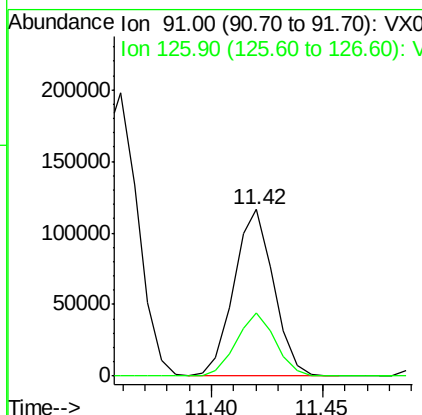
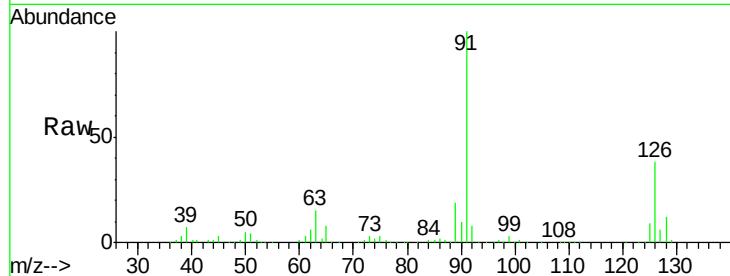
#79
2-Chlorotoluene
Concen: 20.823 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion: 91 Resp: 143598
Ion Ratio Lower Upper
91 100
126 37.4 18.7 56.1

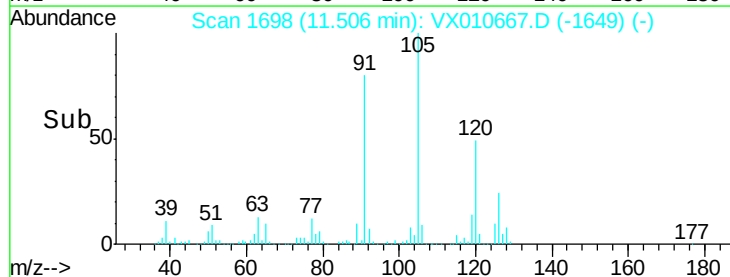
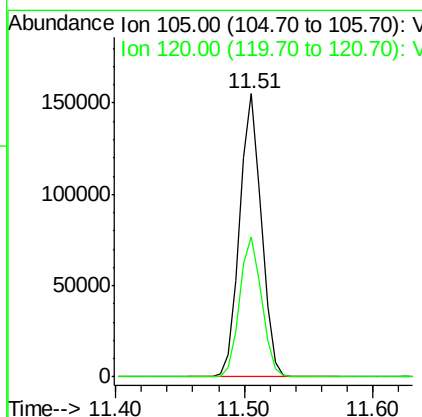
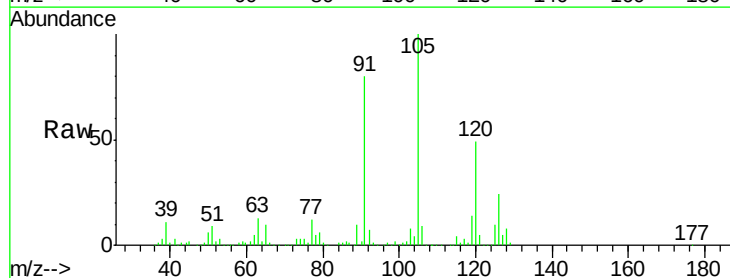
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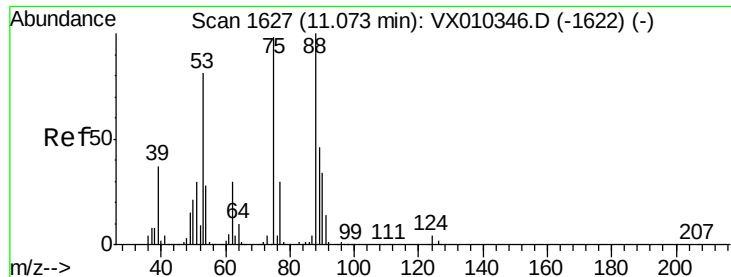
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.865 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion: 105 Resp: 181252
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6





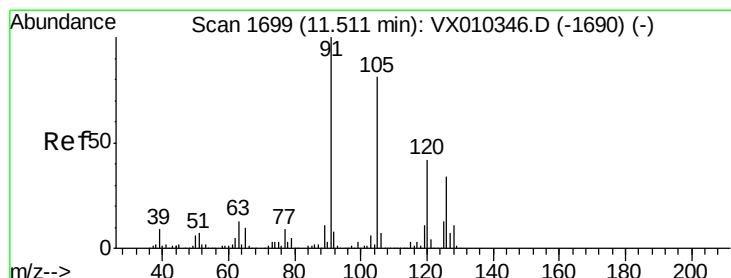
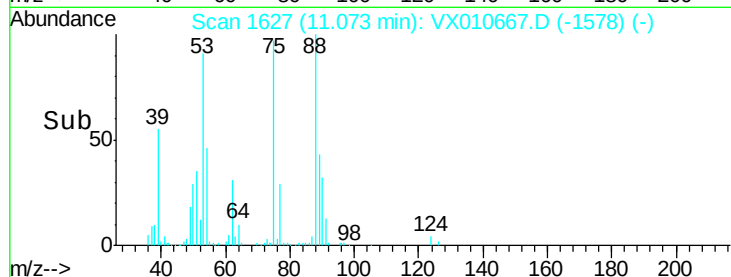
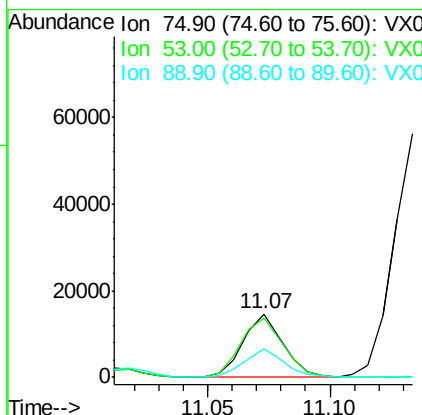
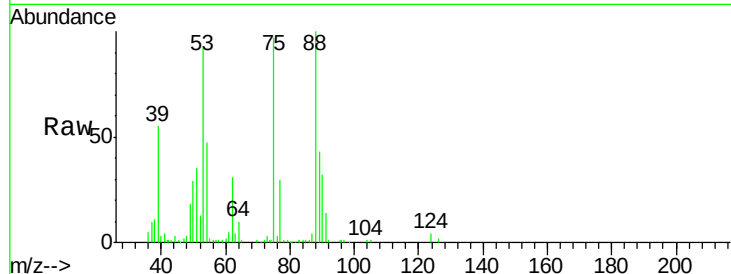
#81
trans-1,4-Dichloro-2-butene
Concen: 13.699 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampled :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.7	66.1	99.1#
89	45.0	37.8	56.6

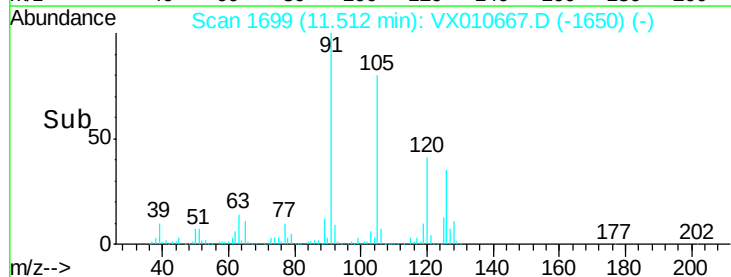
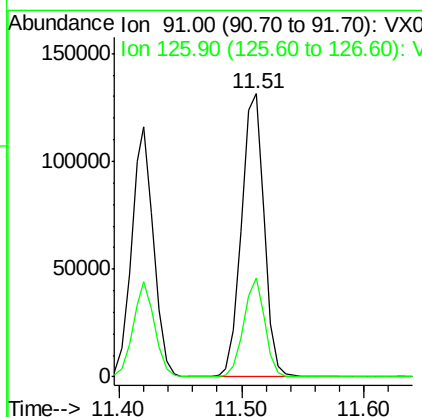
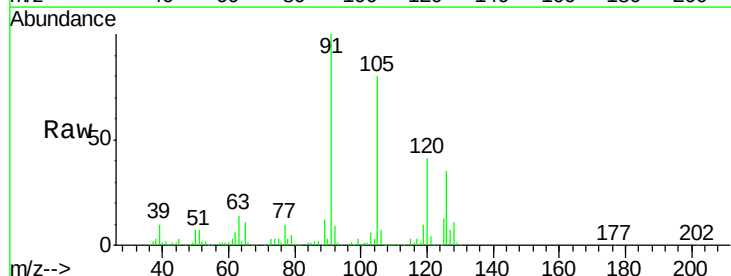
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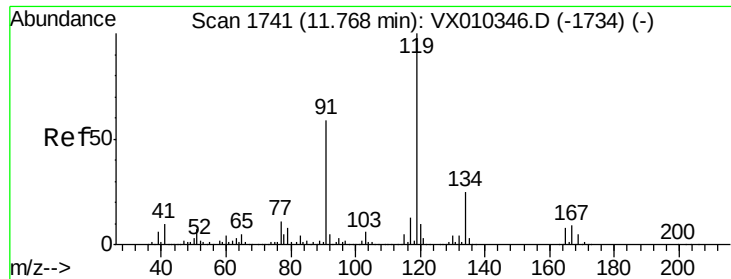
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.245 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6





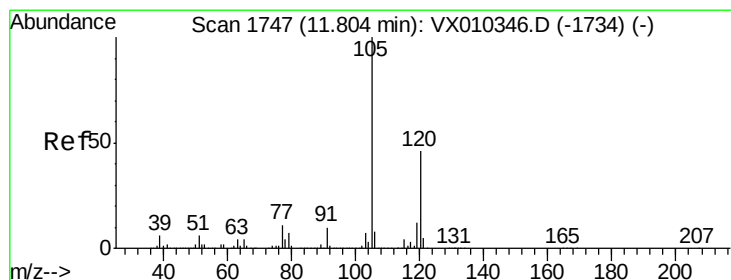
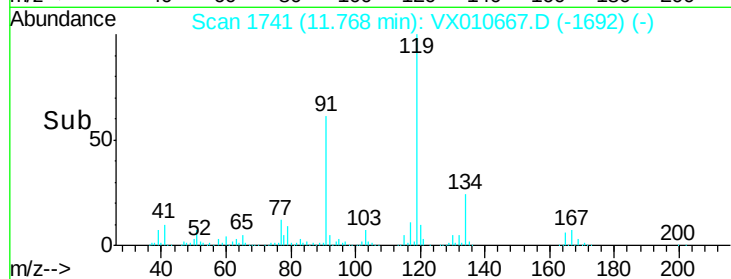
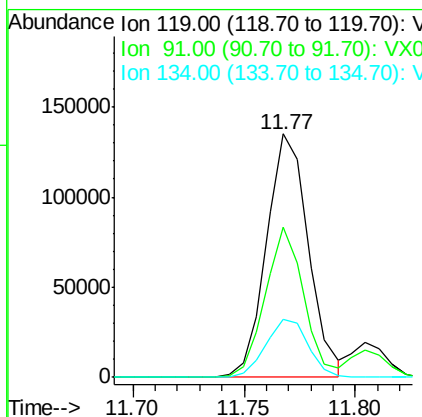
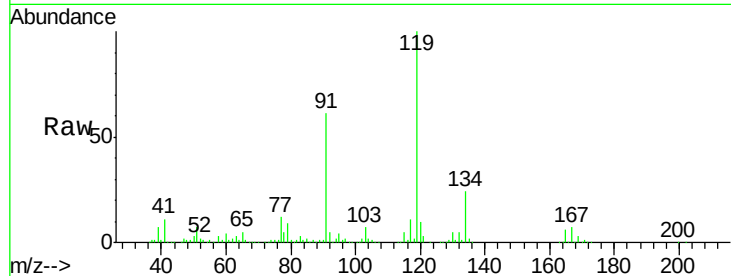
#83
 tert-Butylbenzene
 Concen: 20.178 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0703WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	175930		
91	57.2		27.6	82.7
134	24.2		11.8	35.4

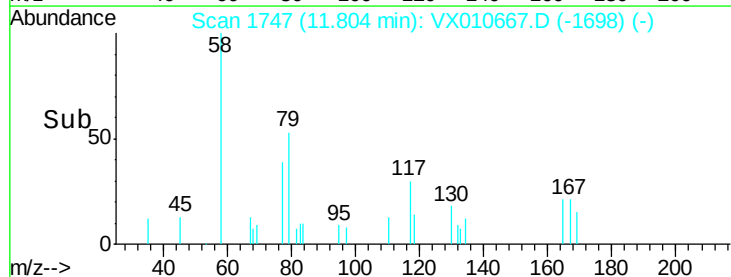
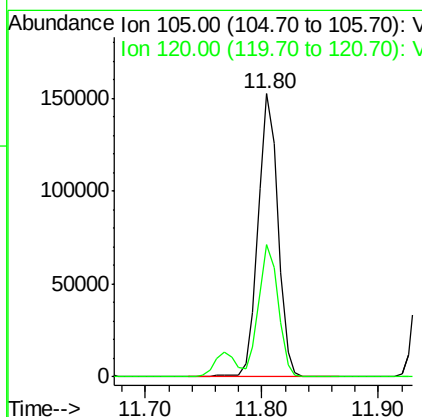
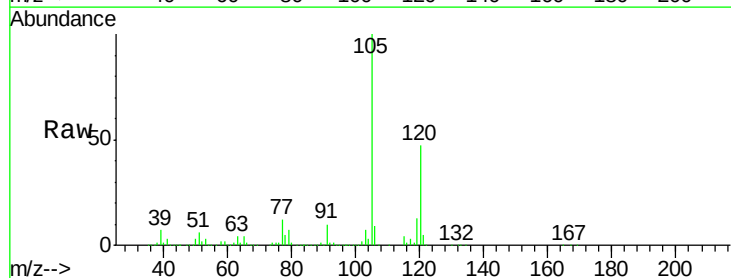
Manual Integrations
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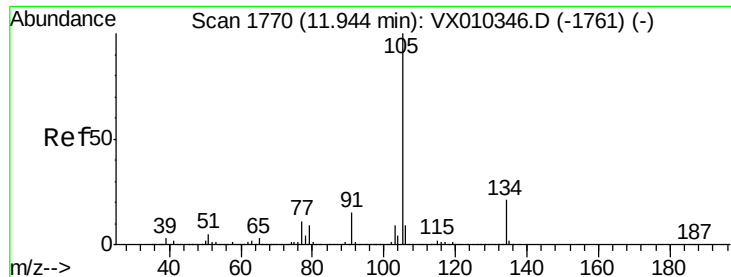
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.945 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182794		
120	45.9		23.1	69.2





#85

sec-Butylbenzene

Concen: 20.431 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBSD02

Tot Ion:105 Resp: 209154

Ion Ratio Lower Upper

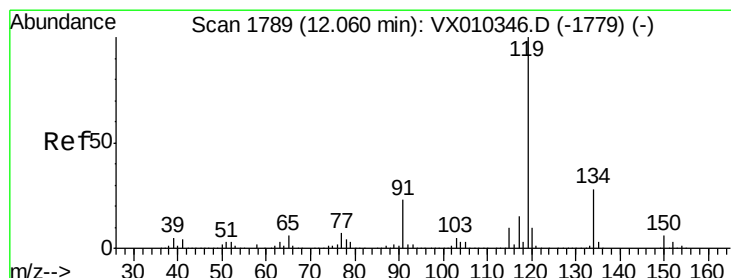
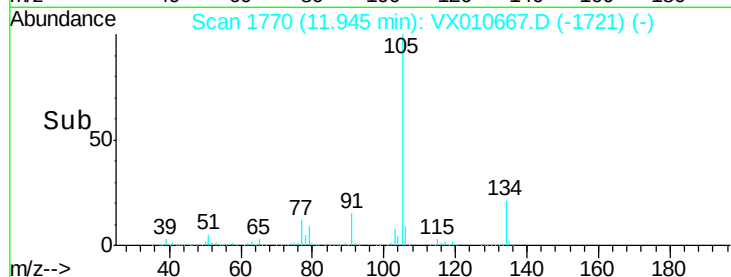
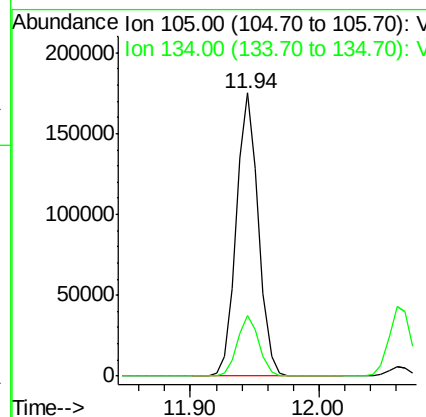
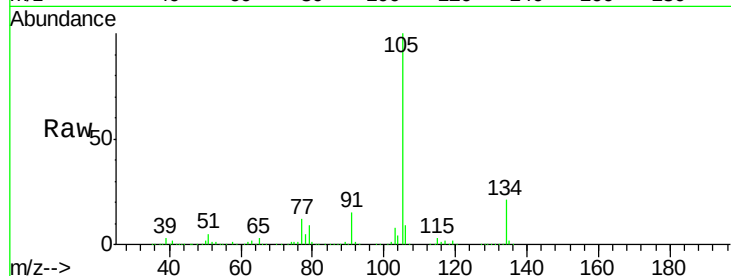
105 100

134 21.2 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.299 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

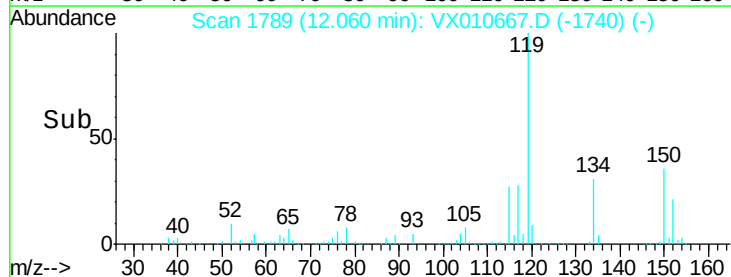
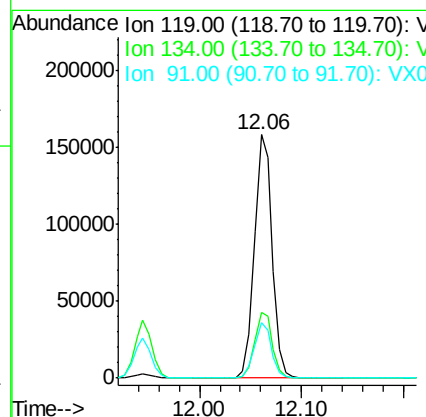
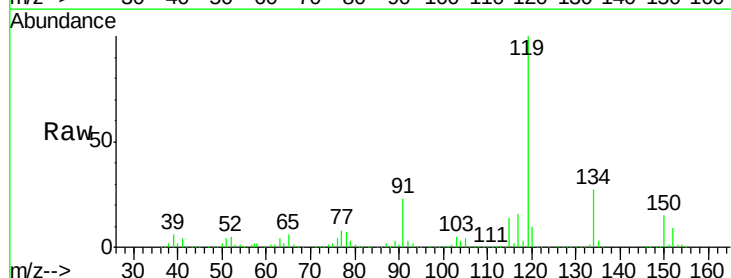
Tgt Ion:119 Resp: 192208

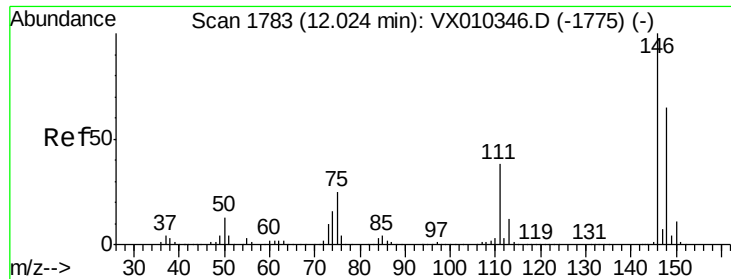
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 22.4 11.3 33.8





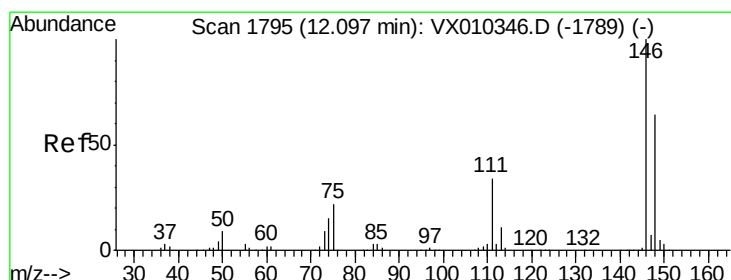
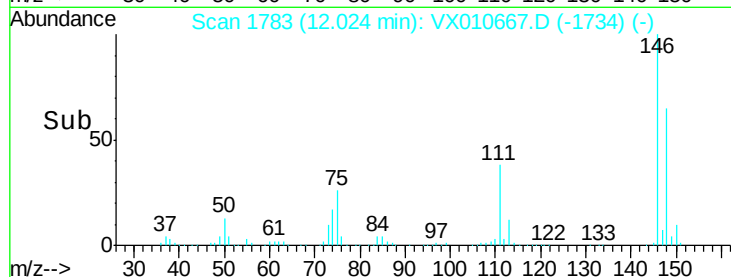
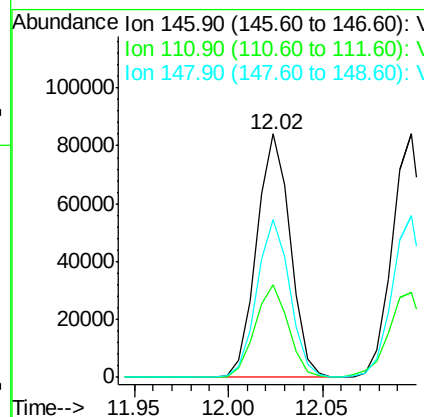
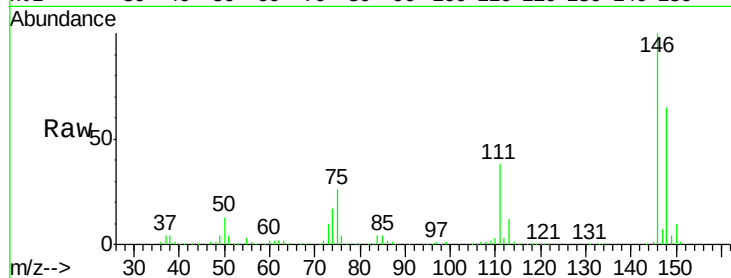
#87
 1,3-Dichlorobenzene
 Concen: 20.222 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.1
148	63.8	32.5	97.4

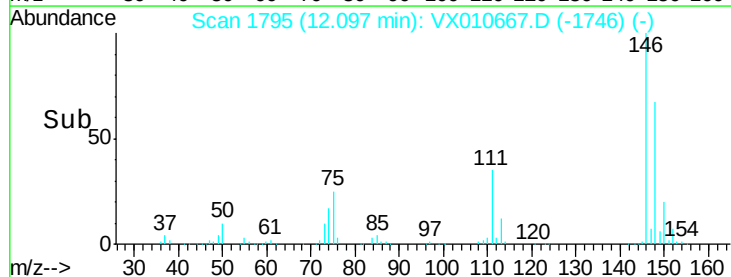
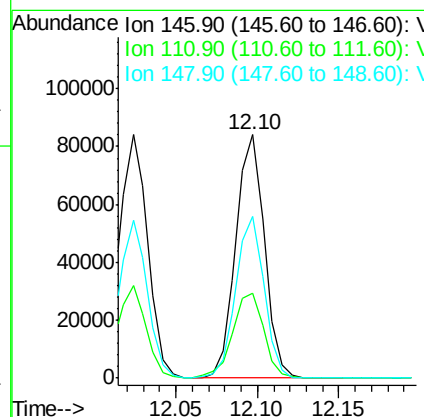
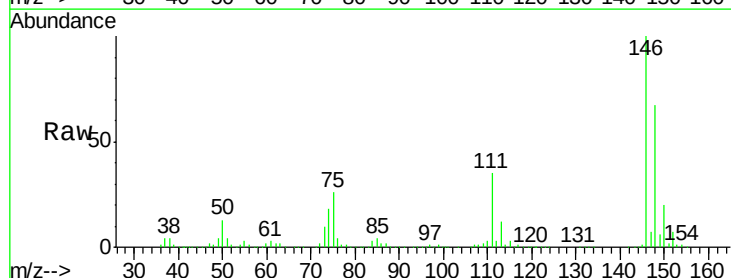
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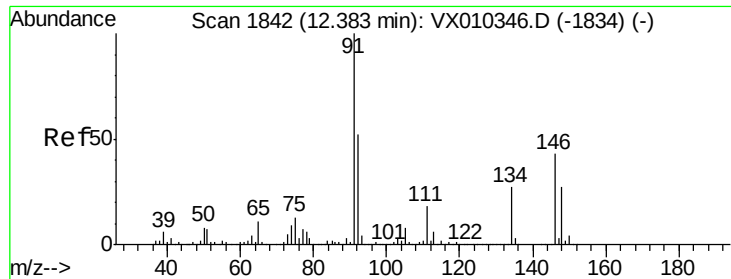
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#88
 1,4-Dichlorobenzene
 Concen: 19.679 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.3
148	65.8	32.1	96.3





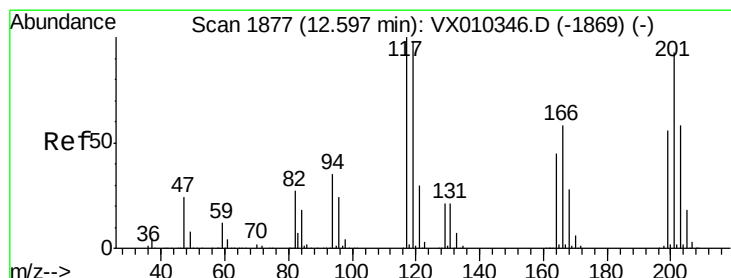
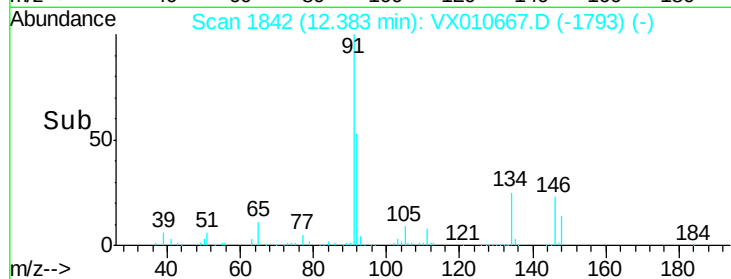
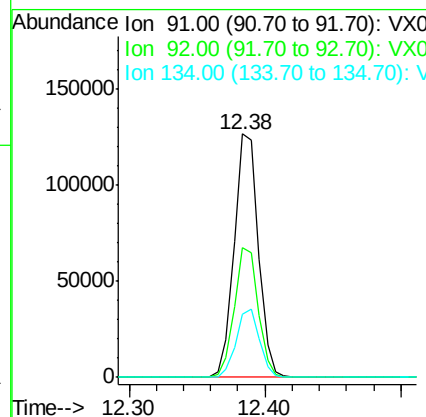
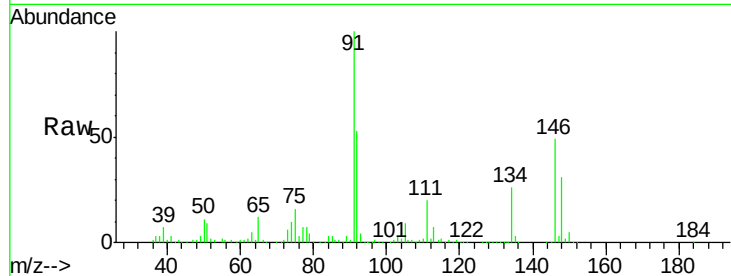
#89
n-Butylbenzene
Concen: 19.382 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	27.3	14.1	42.4

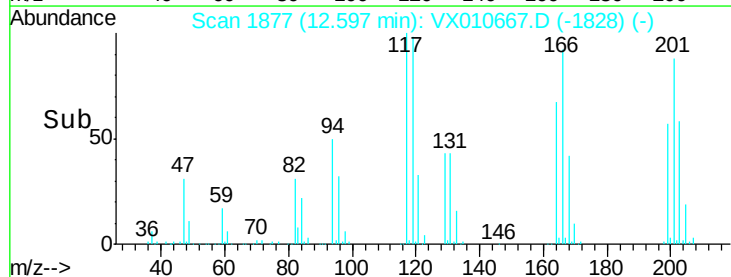
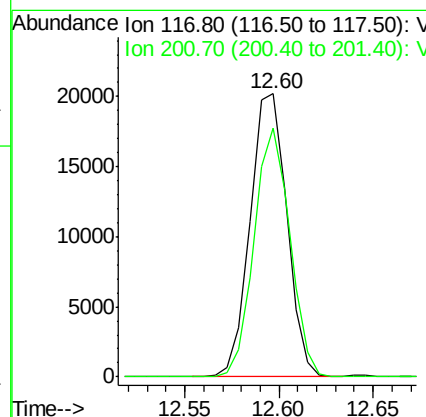
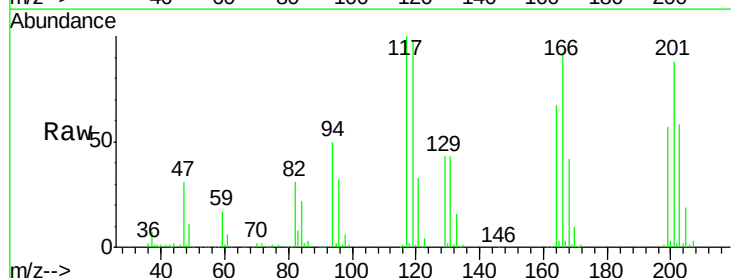
Manual Integrations
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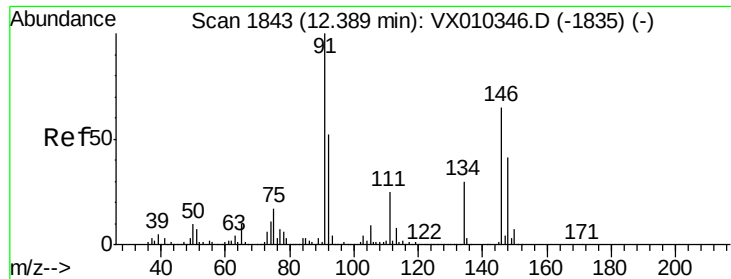
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#90
Hexachloroethane
Concen: 16.723 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010667.D
Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.2	44.0	131.8





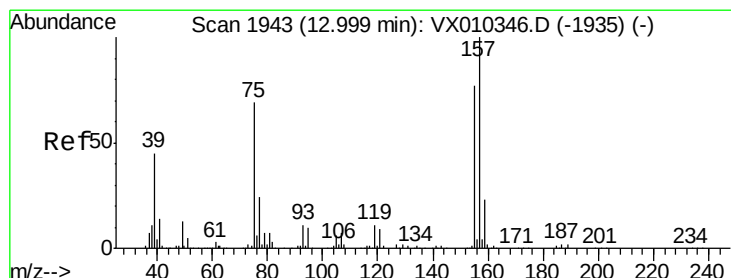
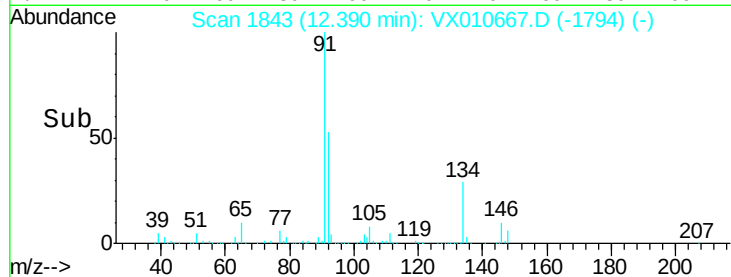
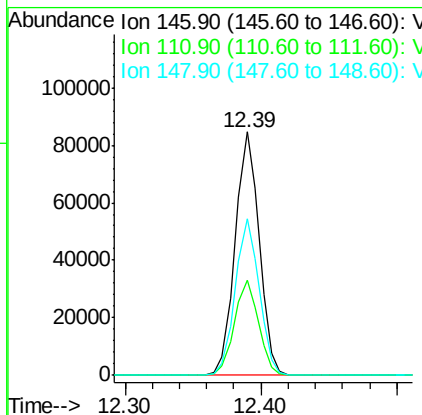
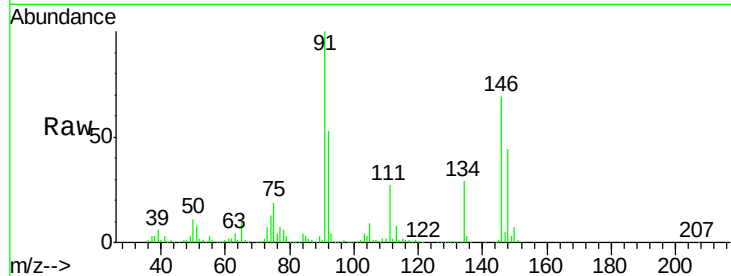
#91
 1,2-Dichlorobenzene
 Concen: 20.389 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.2	57.6
148	64.5	32.0	96.0

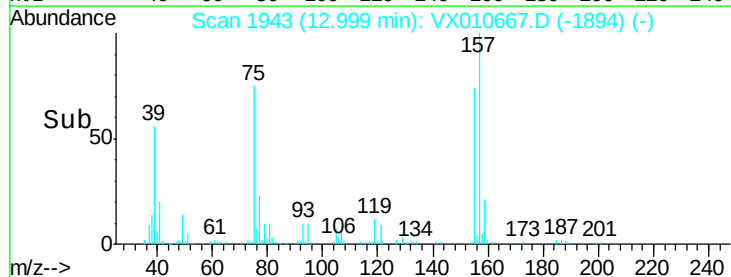
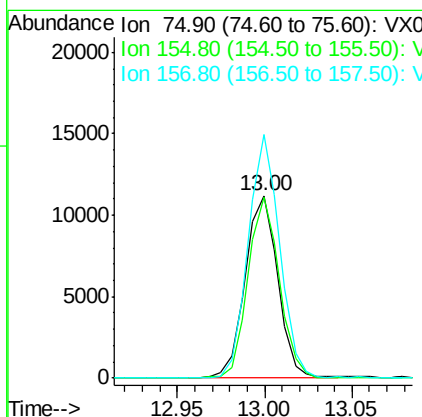
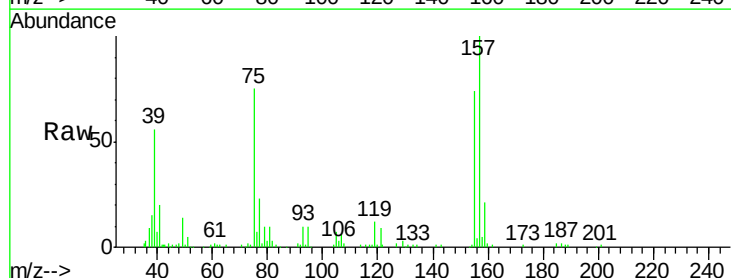
Manual Integrations
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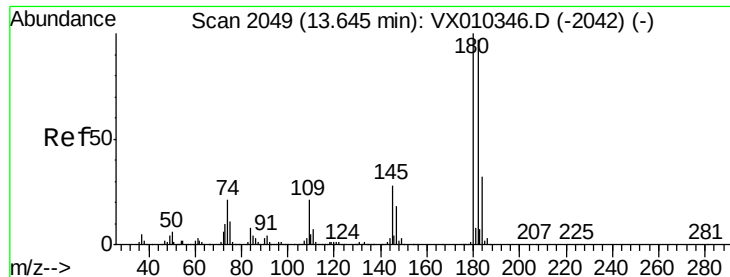
MMDadoda
 7/8/2019 10:58:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.330 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	54.4	163.1
157	128.5	69.5	208.3





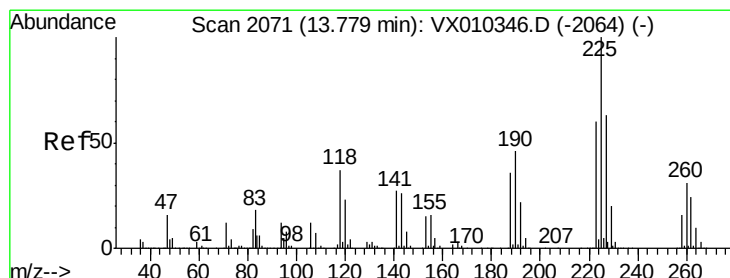
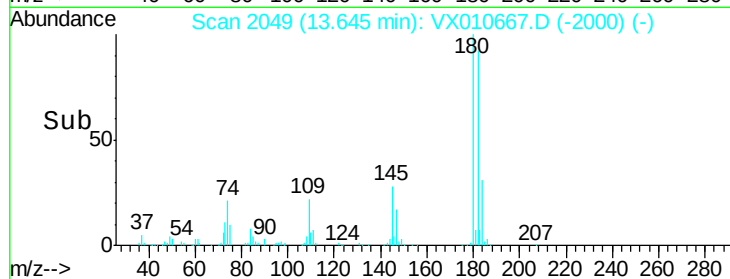
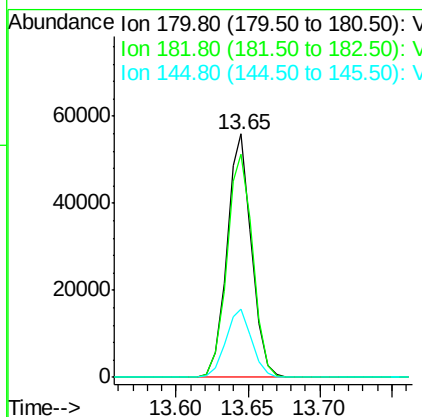
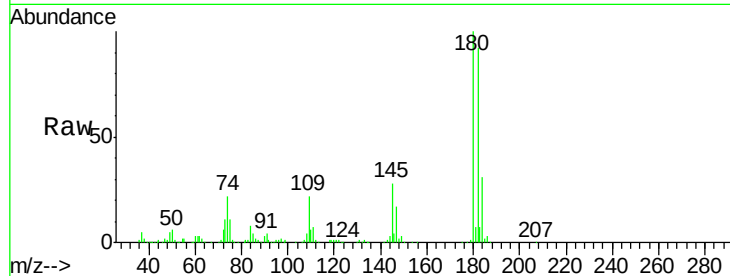
#93
 1,2,4-Trichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	66930		
182	96.0	48.0	144.0	
145	29.7	14.4	43.4	

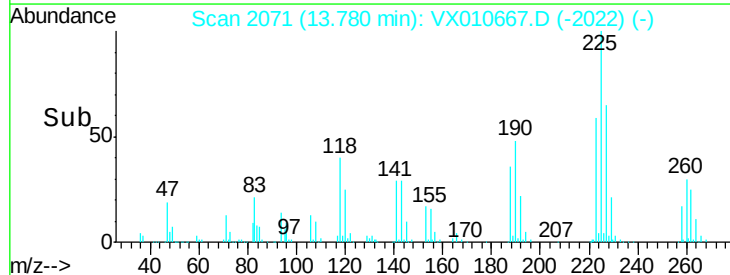
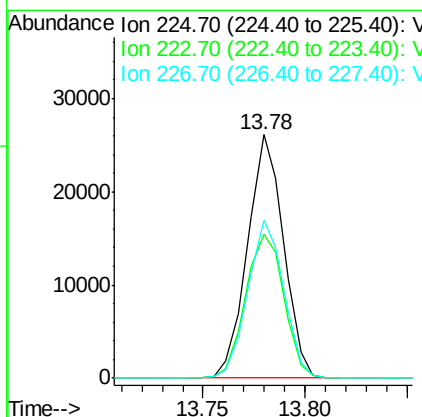
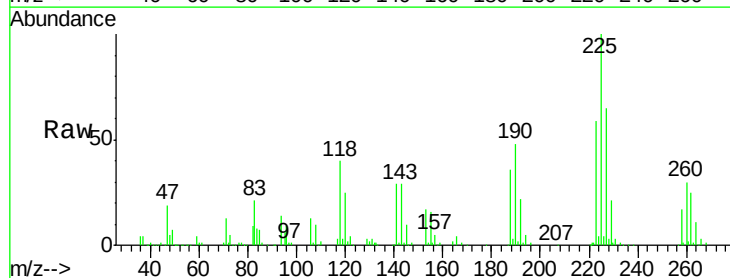
Manual Integrations
 APPROVED

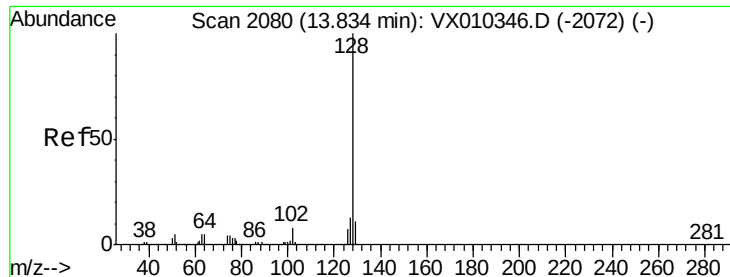
MMDadoda
 7/8/2019 10:58:23 AM



#94
 Hexachlorobutadiene
 Concen: 18.525 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010667.D
 Acq: 04 Jul 2019 05:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32050		
223	62.7	30.9	92.7	
227	64.9	31.9	95.5	





#95

Naphthalene

Concen: 19.514 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Instrument :

MSVOA_X

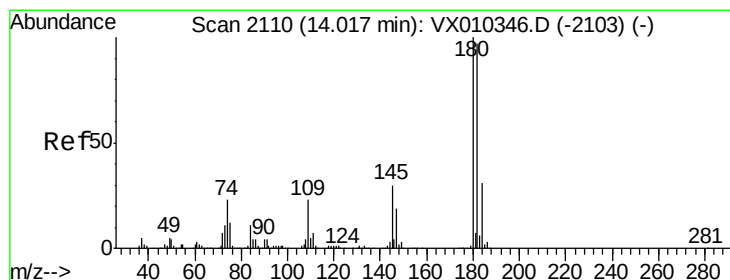
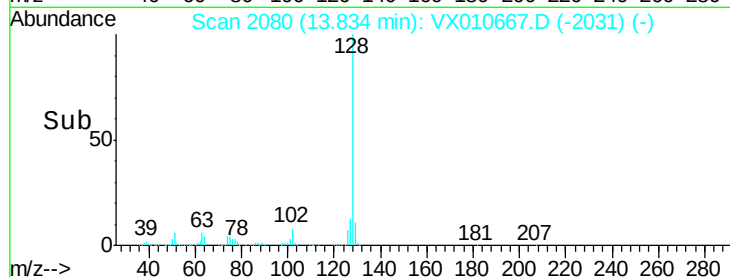
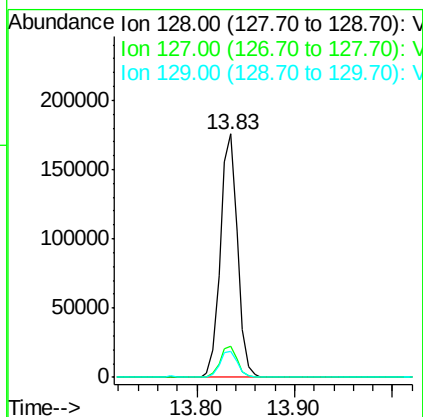
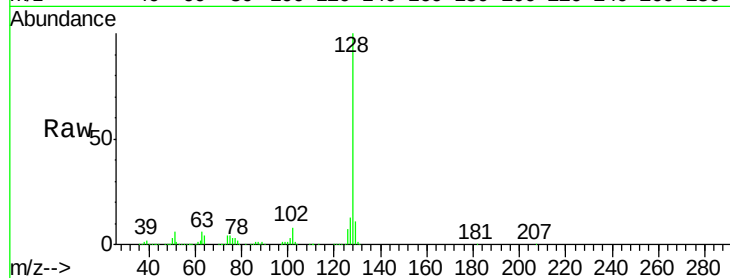
ClientSampleId :

VX0703WBSD02

Tot Ion:	128	Resp:	212277
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.3	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/8/2019 10:58:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.333 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010667.D

Acq: 04 Jul 2019 05:08

Tgt Ion:	180	Resp:	68045
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.3
145	31.8	15.2	45.6

