

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010664.D
 Acq On : 04 Jul 2019 03:45
 Operator : JC/SP
 Sample : VX0703WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:18 AM

Quant Time: Jul 04 05:47:06 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	227150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	314142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	163841	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105852	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
35) Dibromofluoromethane	5.49	113	100748	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	375629	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
62) 4-Bromofluorobenzene	11.13	95	136202	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40025	25.345	ug/l	99
3) Chloromethane	1.32	50	41238	22.425	ug/l	99
4) Vinyl Chloride	1.41	62	45120	22.402	ug/l	94
5) Bromomethane	1.64	94	25974	26.470	ug/l	99
6) Chloroethane	1.72	64	28917	24.335	ug/l	98
7) Trichlorofluoromethane	1.93	101	74399	23.301	ug/l	98
8) Diethyl Ether	2.18	74	26382	23.041	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42425	21.926	ug/l	98
10) Methyl Iodide	2.51	142	48271	17.481	ug/l	97
11) Tert butyl alcohol	3.04	59	56210	100.863	ug/l	98
12) 1,1-Dichloroethene	2.37	96	41919	21.291	ug/l	94
13) Acrolein	2.29	56	27727	75.000	ug/l	98
14) Allyl chloride	2.73	41	56027	20.044	ug/l	96
15) Acrylonitrile	3.14	53	117223	106.241	ug/l	100
16) Acetone	2.44	43	95334	89.317	ug/l	99
17) Carbon Disulfide	2.57	76	105071	19.891	ug/l	98
18) Methyl Acetate	2.77	43	48441	22.771	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	132569	21.403	ug/l	98
20) Methylene Chloride	2.85	84	47858	21.787	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	44912	21.209	ug/l	97
22) Diisopropyl ether	3.85	45	126094	21.576	ug/l	98
23) Vinyl Acetate	3.81	43	517229	102.446	ug/l	100
24) 1,1-Dichloroethane	3.69	63	74075	21.927	ug/l	99
25) 2-Butanone	4.67	43	153947	98.325	ug/l	100
26) 2,2-Dichloropropane	4.57	77	38120	12.990	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	51797	21.167	ug/l	97
28) Bromochloromethane	5.01	49	31655	19.599	ug/l	94
29) Tetrahydrofuran	5.12	42	102252	105.436	ug/l	98
30) Chloroform	5.21	83	78433	21.579	ug/l	98
31) Cyclohexane	5.58	56	66288	21.548	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	67781	21.119	ug/l	99
36) 1,1-Dichloropropene	5.79	75	55729	20.438	ug/l	99
37) Ethyl Acetate	4.83	43	58857	20.982	ug/l	99
38) Carbon Tetrachloride	5.78	117	58336	19.757	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72071	20.108	ug/l	97
40) Benzene	6.14	78	178321	20.991	ug/l	99
41) Methacrylonitrile	5.03	41	31575	20.515	ug/l	99
42) 1,2-Dichloroethane	6.19	62	58007	22.432	ug/l	98
43) Isopropyl Acetate	6.44	43	92549	19.942	ug/l	98
44) Trichloroethene	7.21	130	52997	20.849	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44287	20.645	ug/l	98
46) Dibromomethane	7.66	93	31715	20.606	ug/l	97
47) Bromodichloromethane	7.90	83	55447	19.657	ug/l	96
48) Methyl methacrylate	7.77	41	46014	21.330	ug/l	98
49) 1,4-Dioxane	7.73	88	25460	409.696	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	312761	105.370	ug/l	98
52) Toluene	8.78	92	116092	20.752	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54574	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	62633	18.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	47985	20.798	ug/l	96
56) Ethyl methacrylate	9.18	69	69874	19.992	ug/l	96
57) 1,3-Dichloropropane	9.37	76	75415	21.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	155653	93.772	ug/l	99
59) 2-Hexanone	9.49	43	241365	103.320	ug/l	98
60) Dibromochloromethane	9.58	129	48158	18.642	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50568	20.306	ug/l	100
64) Tetrachloroethene	9.34	164	52091	20.501	ug/l	99
65) Chlorobenzene	10.13	112	132173	20.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44988	19.366	ug/l	97
67) Ethyl Benzene	10.25	91	222127	20.630	ug/l	99
68) m/p-Xylenes	10.35	106	171552	41.121	ug/l	100
69) o-Xylene	10.69	106	83582	20.372	ug/l	99
70) Styrene	10.71	104	141397	20.551	ug/l	98
71) Bromoform	10.85	173	34400	17.028	ug/l #	99
73) Isopropylbenzene	11.02	105	222338	20.019	ug/l	99
74) N-amyl acetate	10.90	43	81088	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	74114	20.150	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	60125m	20.138	ug/l	
77) Bromobenzene	11.25	156	60451	19.493	ug/l	99
78) n-propylbenzene	11.36	91	246741	20.214	ug/l	99
79) 2-Chlorotoluene	11.42	91	145969	20.082	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182286	19.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16787	13.117	ug/l #	87
82) 4-Chlorotoluene	11.51	91	166790	20.166	ug/l	100
83) tert-Butylbenzene	11.77	119	181027	19.699	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187650	20.399	ug/l	98
85) sec-Butylbenzene	11.94	105	214149	19.847	ug/l	100
86) p-Isopropyltoluene	12.06	119	195790	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107479	19.854	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	107512	19.508	ug/l	99
89) n-Butylbenzene	12.38	91	164532	19.401	ug/l	99
90) Hexachloroethane	12.60	117	29690	17.204	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	107647	20.008	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13659	17.224	ug/l	91

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Instrument :
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ClientSampleId :
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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)
93) 1,2,4-Trichlorobenzene	13.65	180	71270	19.102	ug/l	98
94) Hexachlorobutadiene	13.78	225	34249	18.782	ug/l	100
95) Naphthalene	13.83	128	214970	18.749	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72671	19.590	ug/l	99

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

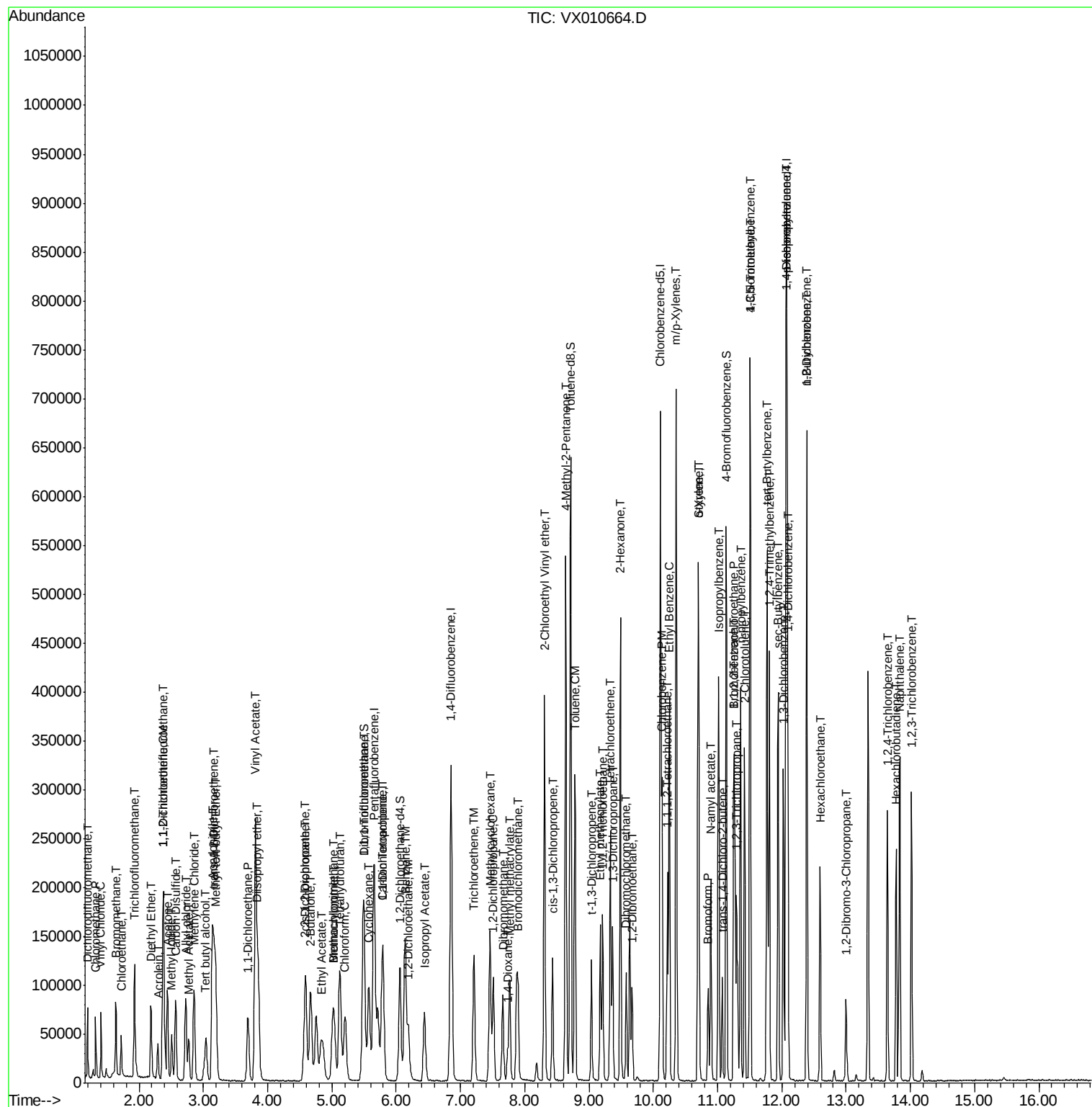
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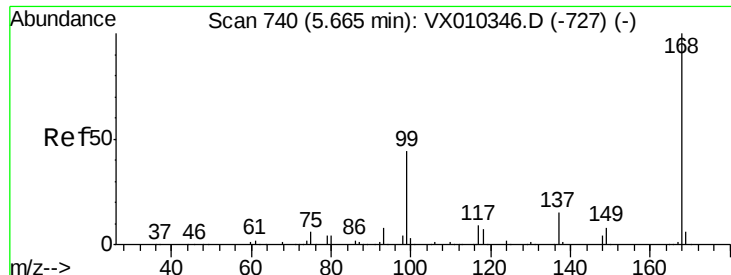
Instrument :
 MSVOA_X
 Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS02

Tot Ion:168 Resp: 227150

Ion Ratio Lower Upper

168 100

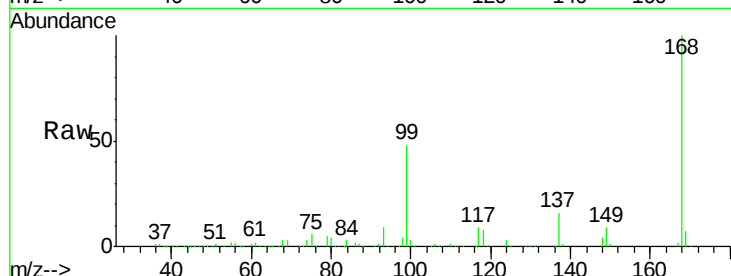
99 47.6 35.5 53.3

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

80000

60000

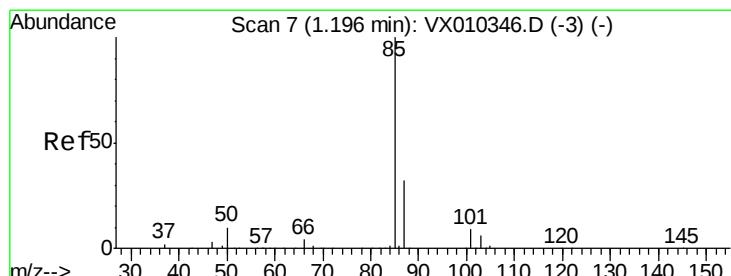
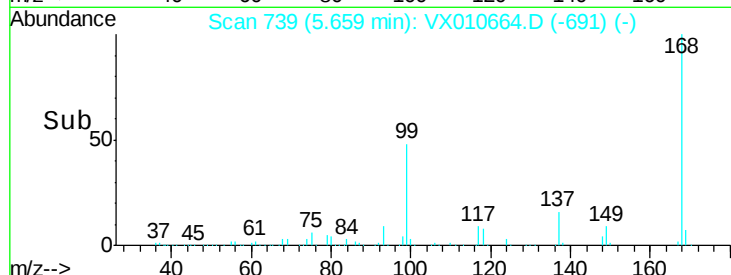
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 25.345 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010664.D

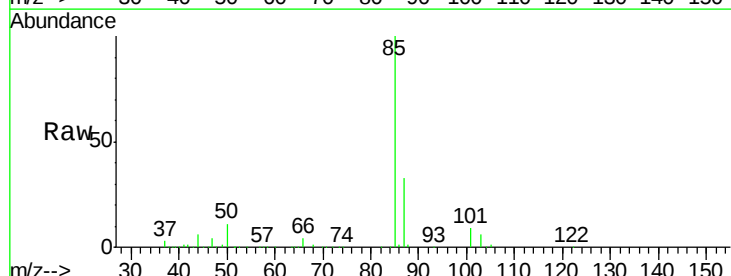
Acq: 04 Jul 2019 03:45

Tgt Ion: 85 Resp: 40025

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

30000

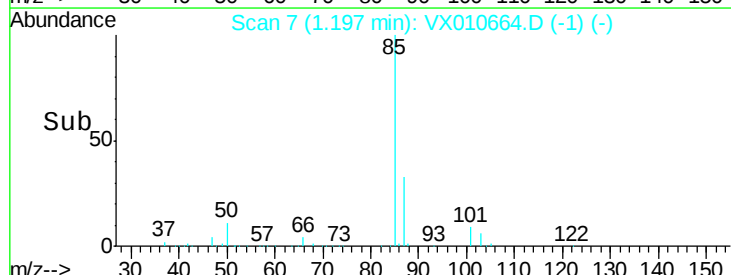
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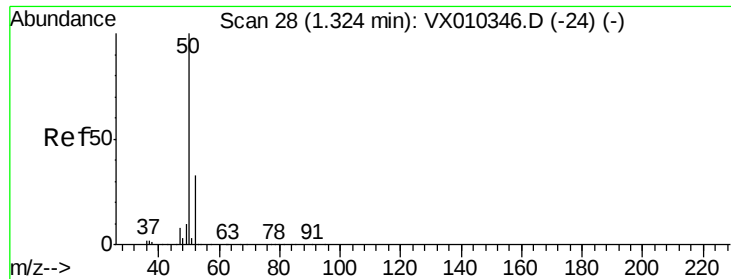
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.425 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 50 Resp: 41238

Ion Ratio Lower Upper

50 100

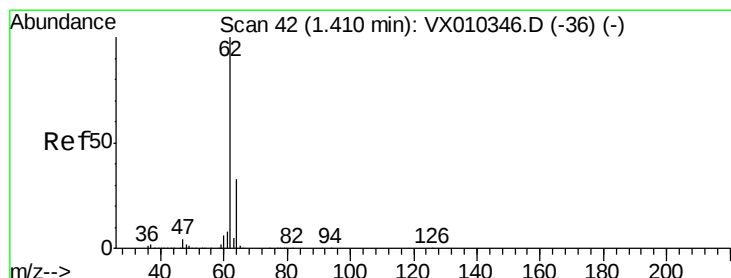
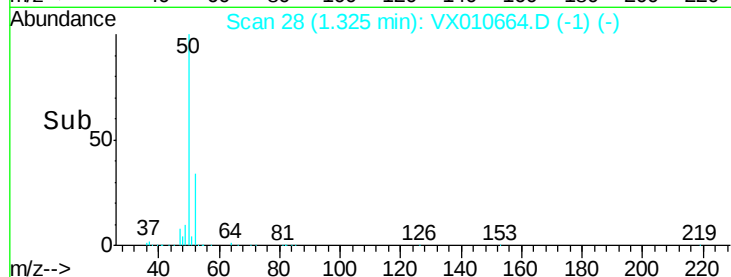
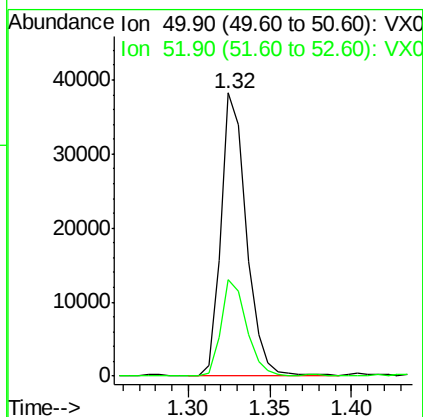
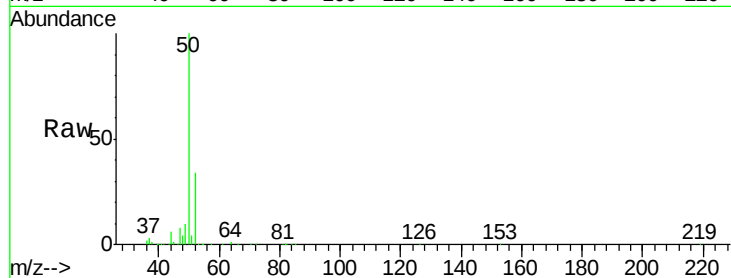
52 33.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.402 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010664.D

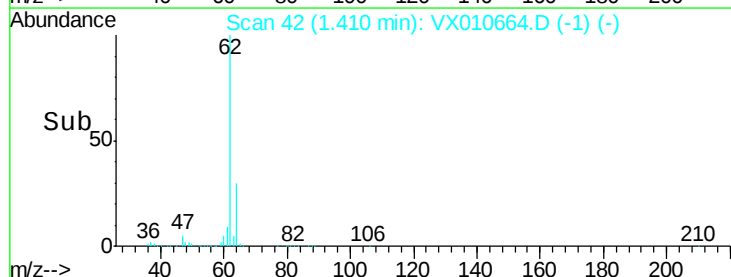
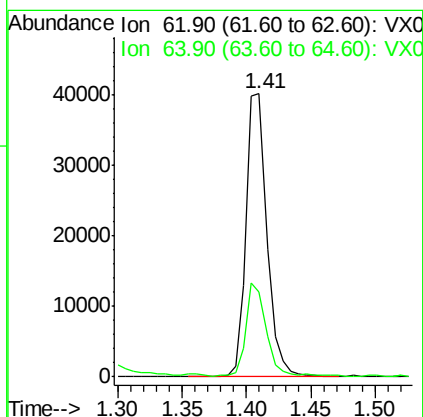
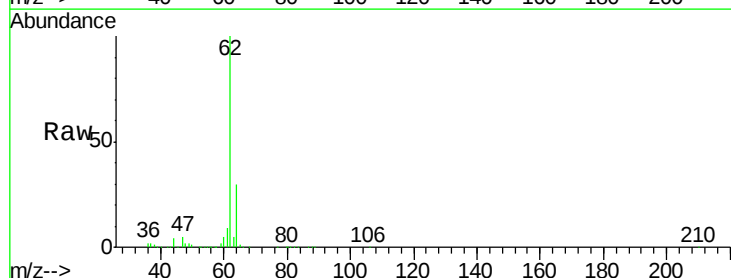
Acq: 04 Jul 2019 03:45

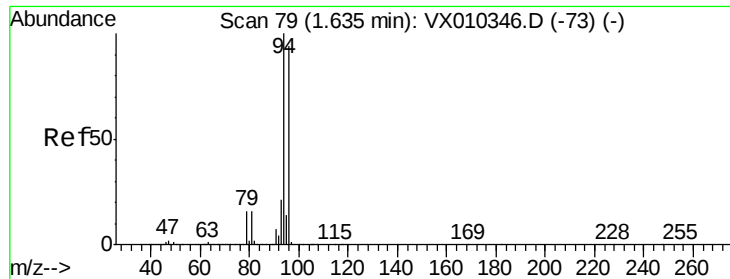
Tgt Ion: 62 Resp: 45120

Ion Ratio Lower Upper

62 100

64 29.4 26.2 39.4





#5

Bromomethane

Concen: 26.470 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 25974

Ion Ratio Lower Upper

94 100

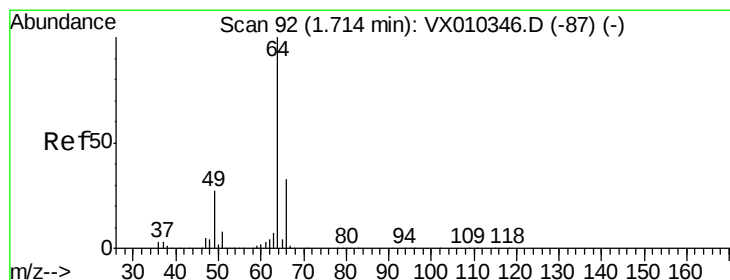
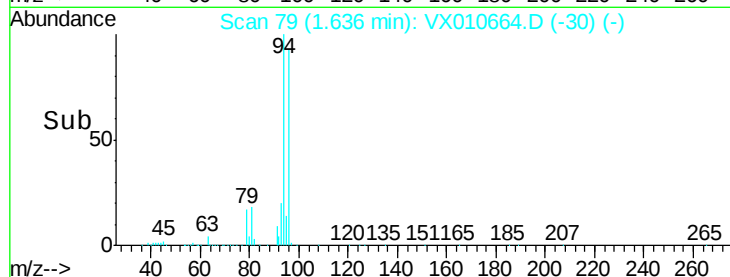
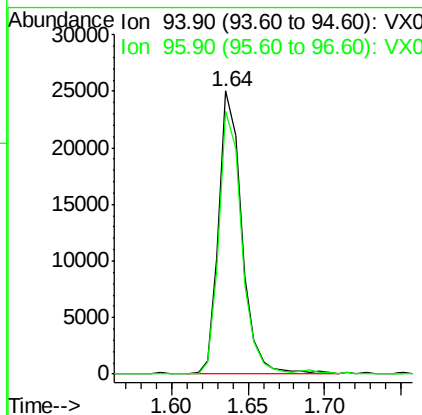
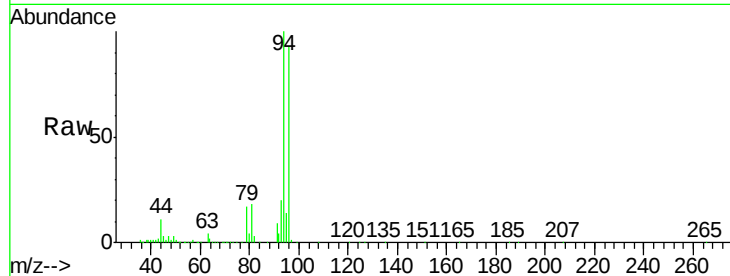
96 93.1 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 24.335 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010664.D

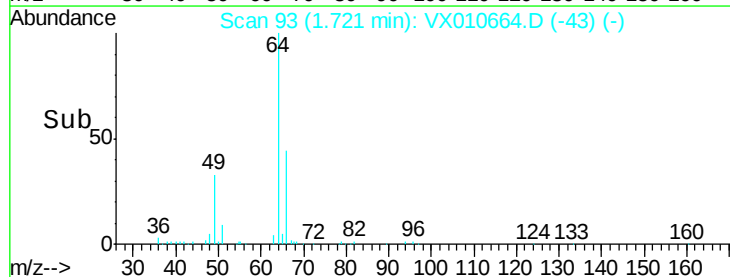
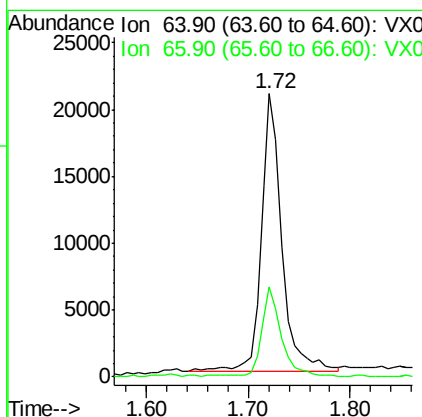
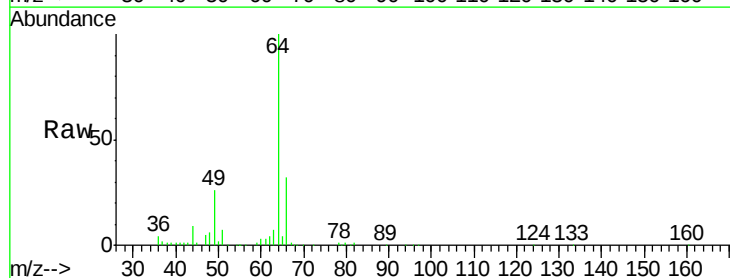
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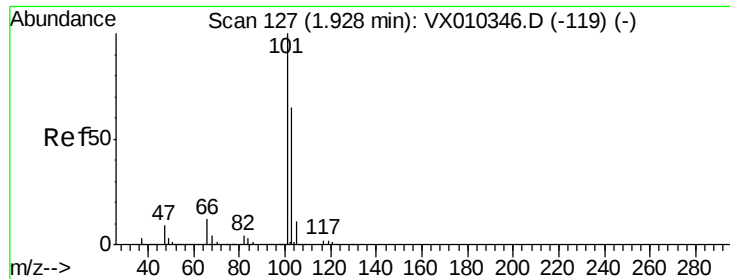
Tgt Ion: 64 Resp: 28917

Ion Ratio Lower Upper

64 100

66 32.4 26.6 40.0





#7

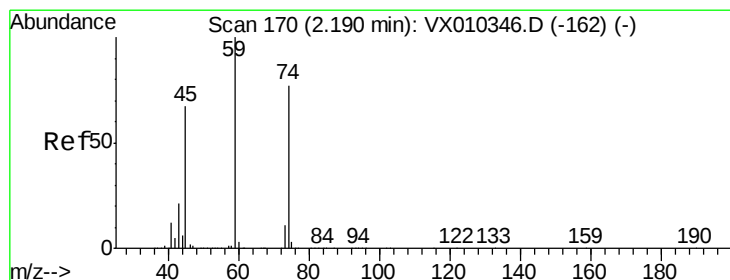
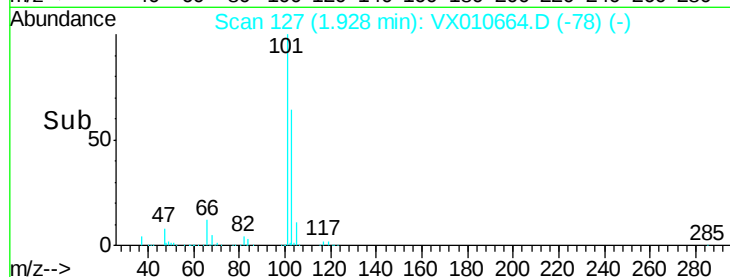
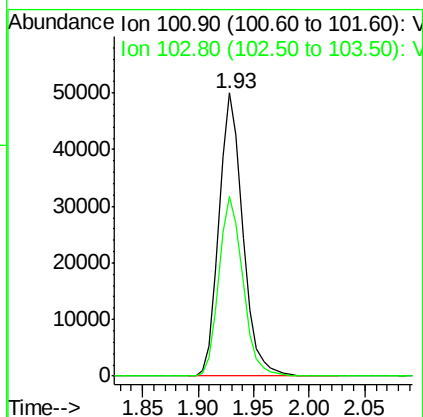
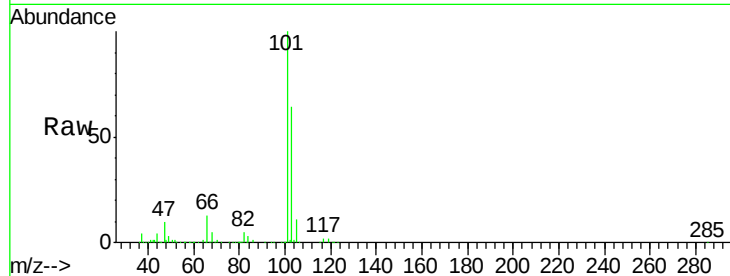
Trichlorofluoromethane
Concen: 23.301 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.3	78.5

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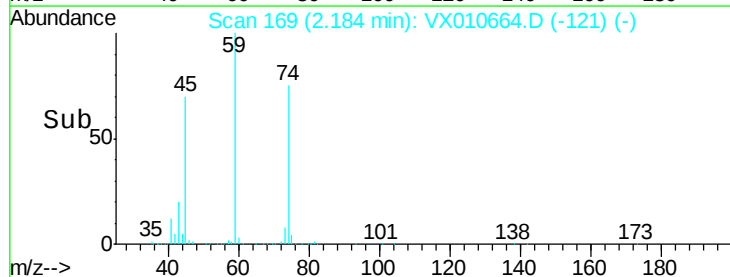
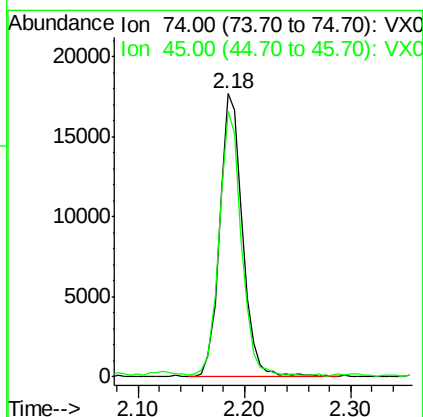
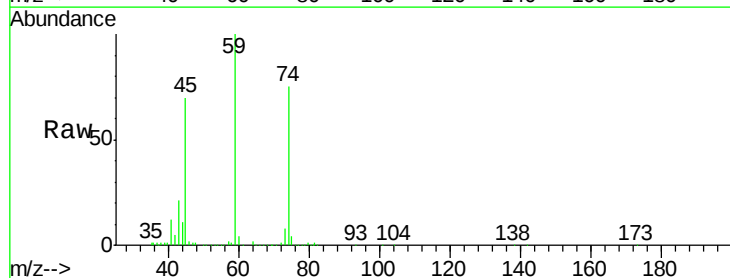
MMDadoda
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#8

Diethyl Ether
Concen: 23.041 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.926 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

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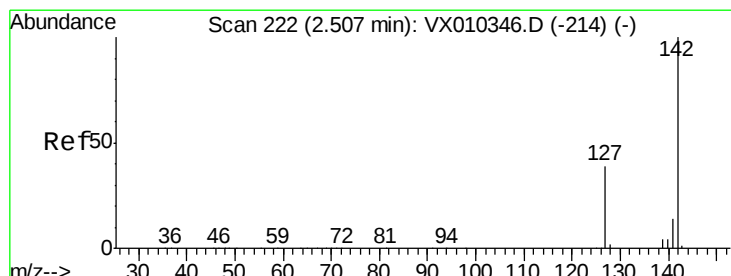
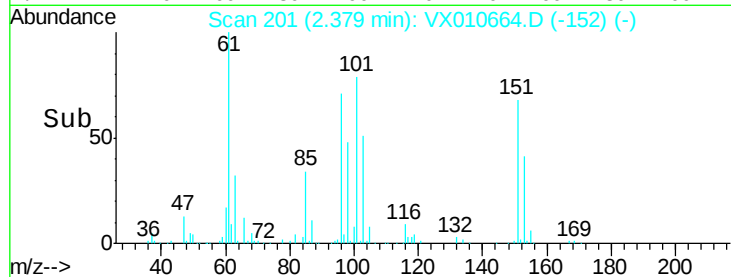
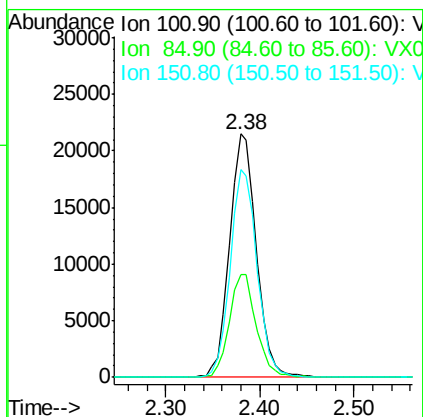
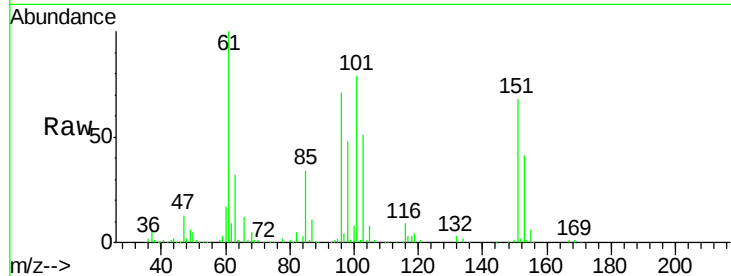
ClientSampled :

VX0703WBS02

Tot Ion:	101	Resp:	42425
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	85.3	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.481 ug/l

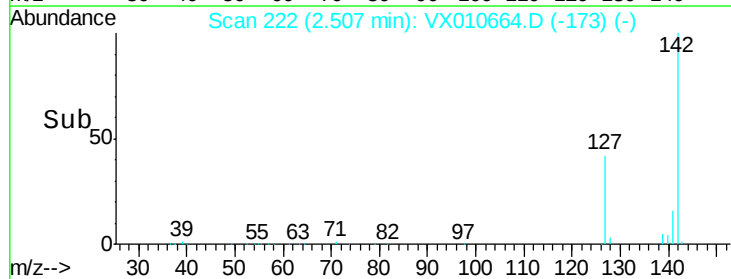
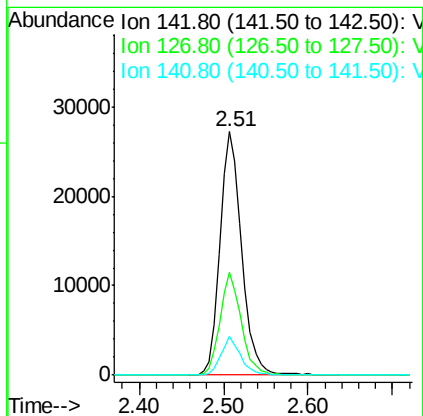
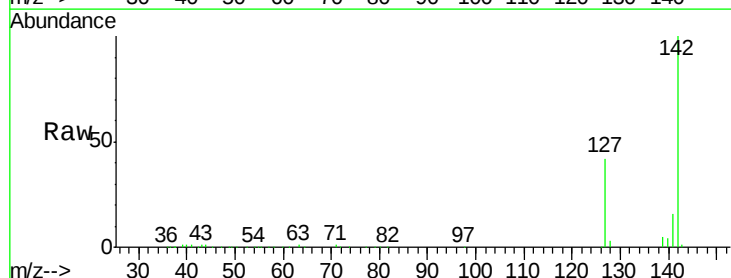
RT: 2.51 min Scan# 222

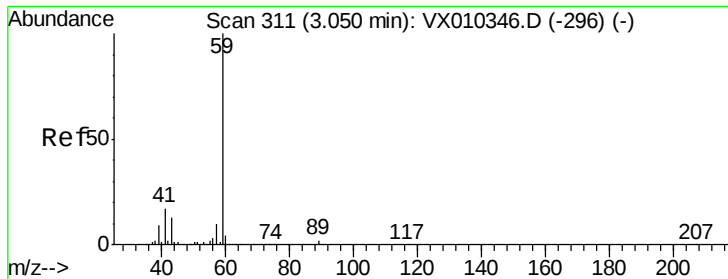
Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion:	142	Resp:	48271
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.1	46.7
141	14.3	11.2	16.8





#11

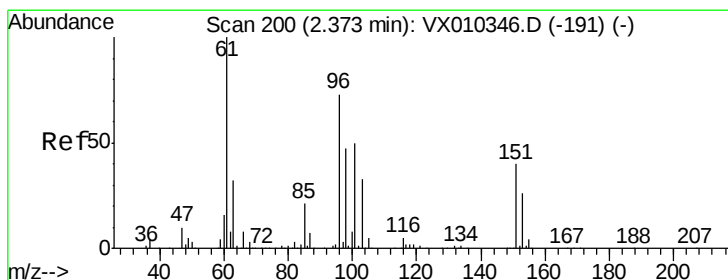
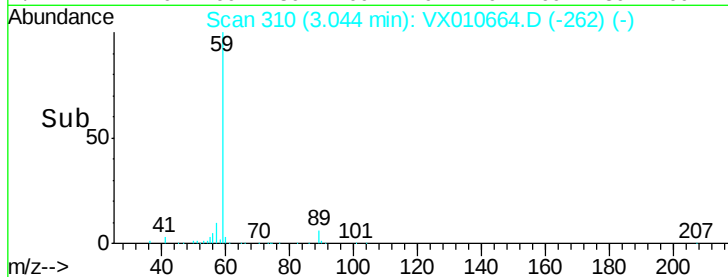
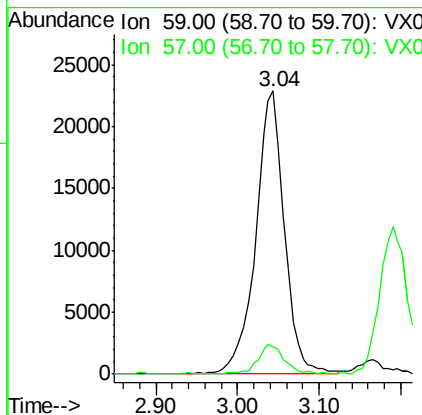
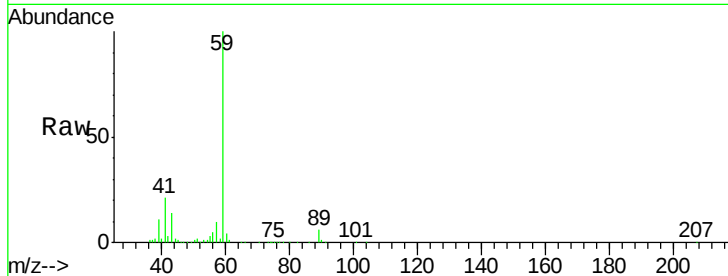
Tert butyl alcohol
Concen: 100.863 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.7	11.5

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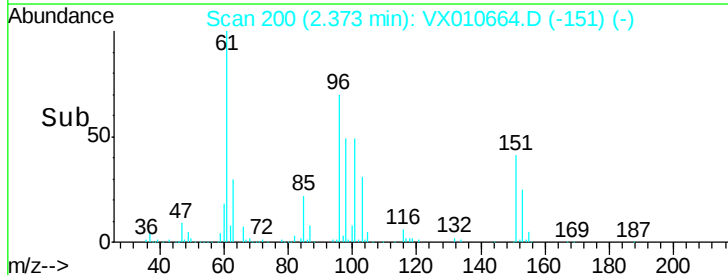
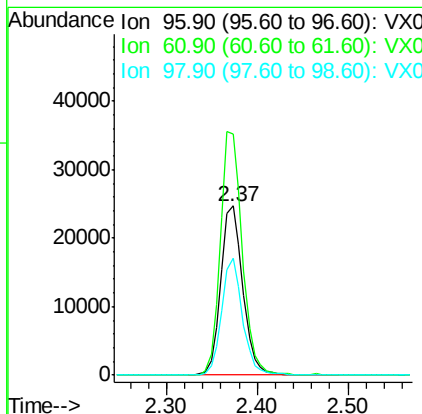
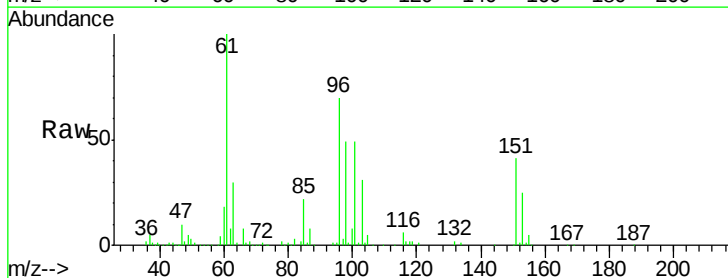
MMDadoda
7/8/2019 10:58:18 AM



#12

1,1-Dichloroethene
Concen: 21.291 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	109.2	163.8
98	69.3	51.1	76.7





#13

Acrolein

Concen: 75.000 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tot Ion: 56 Resp: 27727

Ion Ratio Lower Upper

56 100

55 72.7 56.9 85.3

Instrument :

MSVOA_X

ClientSampleId :

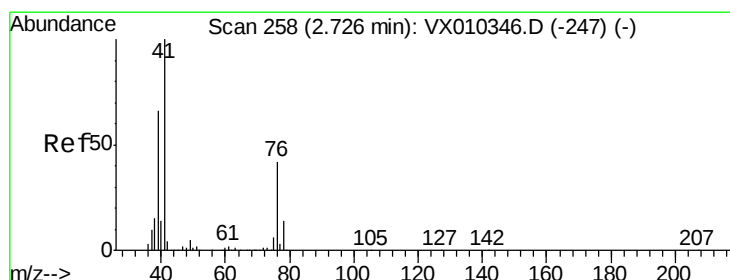
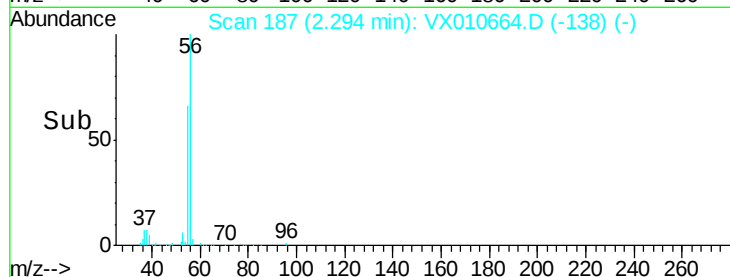
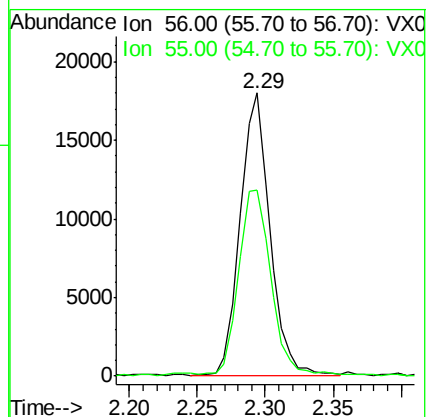
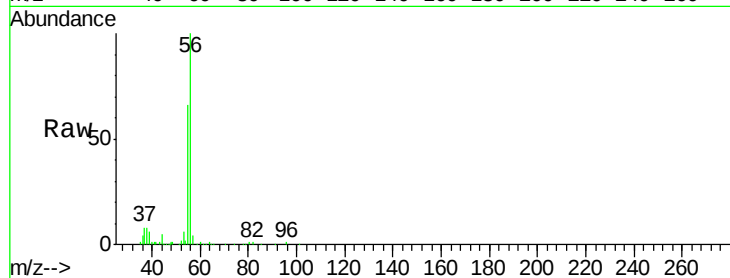
VX0703WBS02

Manual Integrations

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#14

Allyl chloride

Concen: 20.044 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

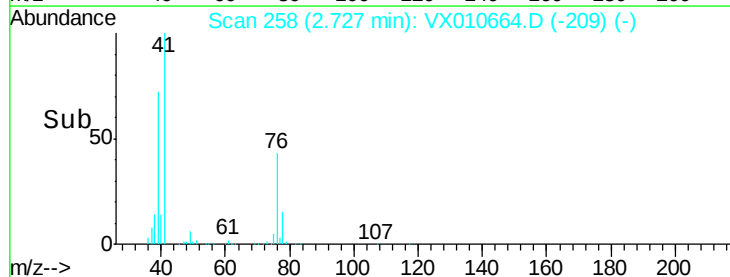
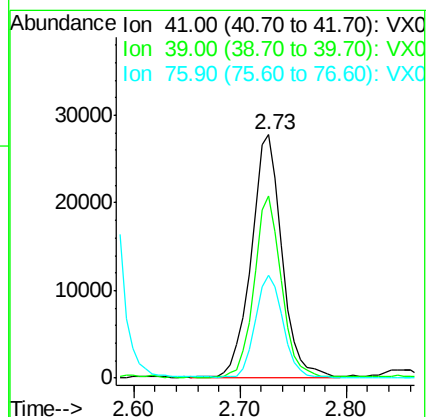
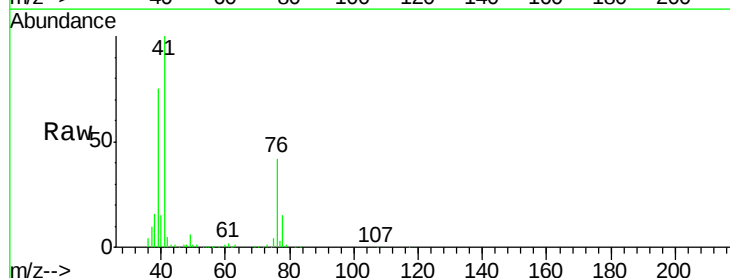
Tgt Ion: 41 Resp: 56027

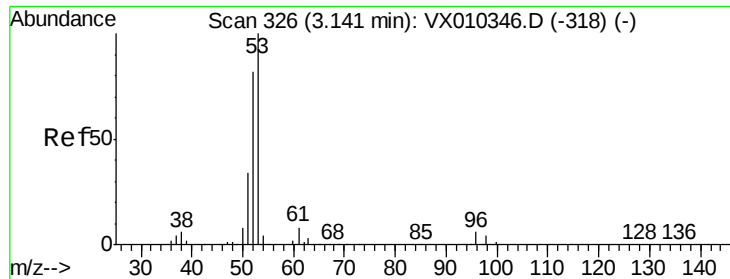
Ion Ratio Lower Upper

41 100

39 66.7 50.3 75.5

76 38.1 31.3 46.9





#15

Acrylonitrile

Concen: 106.241 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

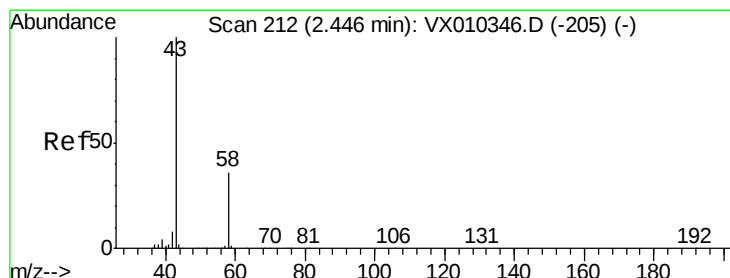
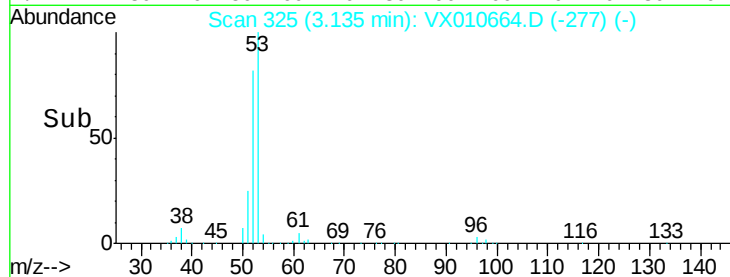
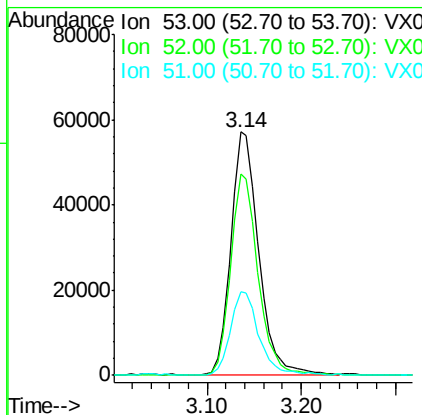
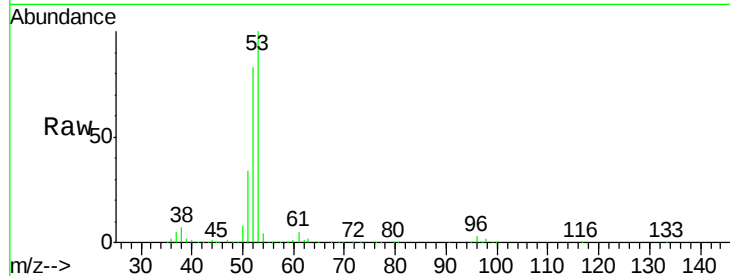
ClientSampleId :

VX0703WBS02

Tot Ion:	53	Resp:	117223
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 89.317 ug/l

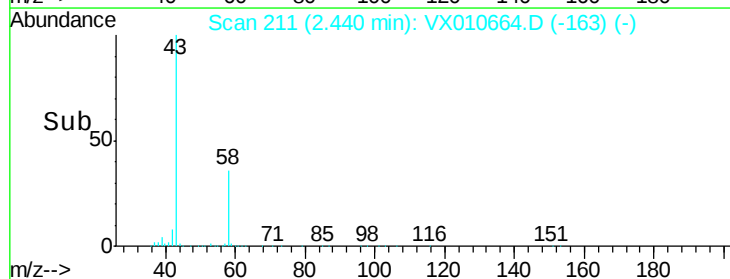
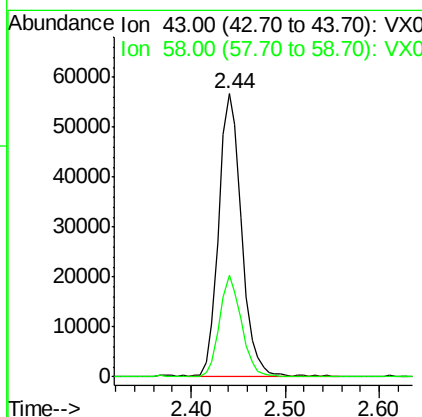
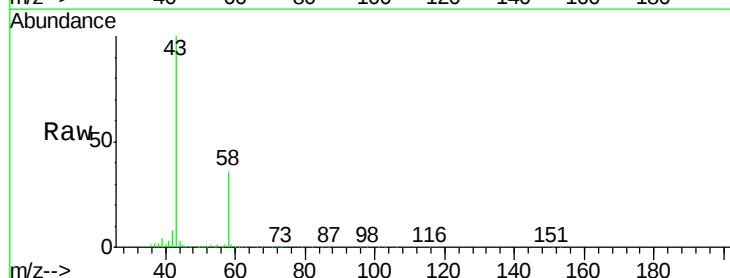
RT: 2.44 min Scan# 211

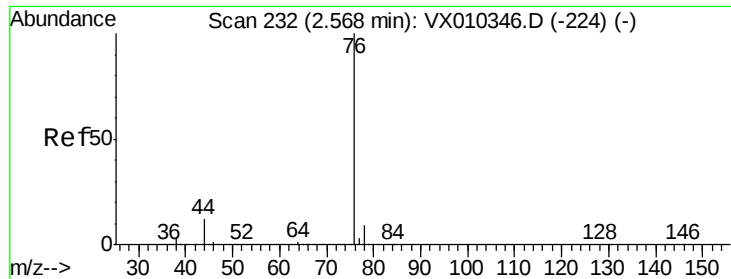
Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion:	43	Resp:	95334
Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.9	43.3





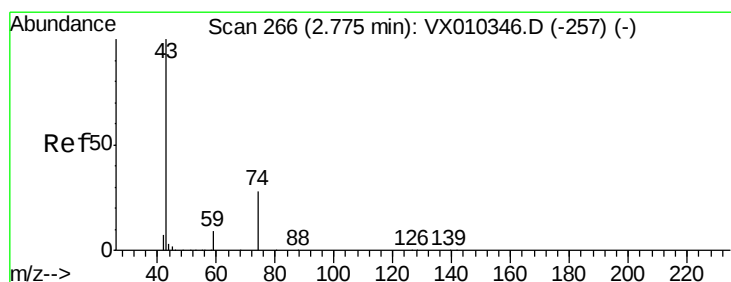
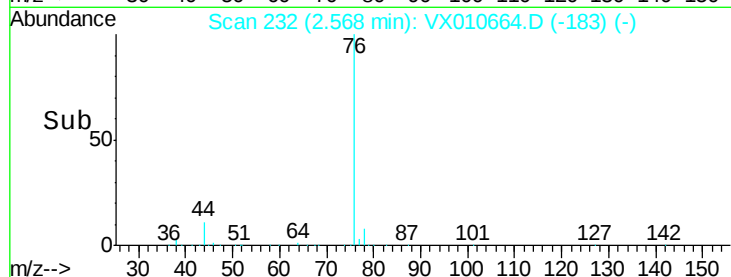
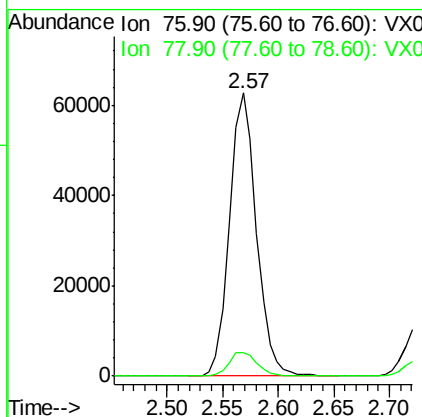
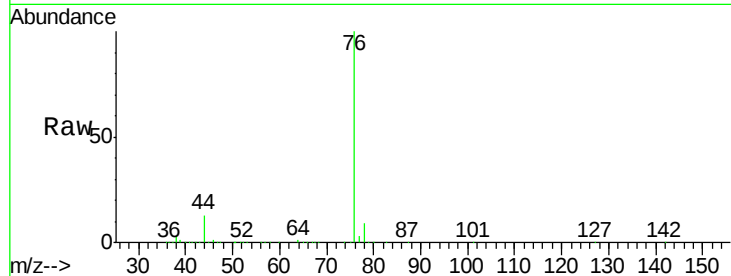
#17
Carbon Disulfide
Concen: 19.891 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

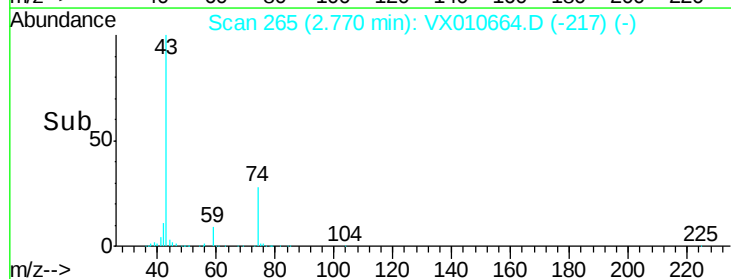
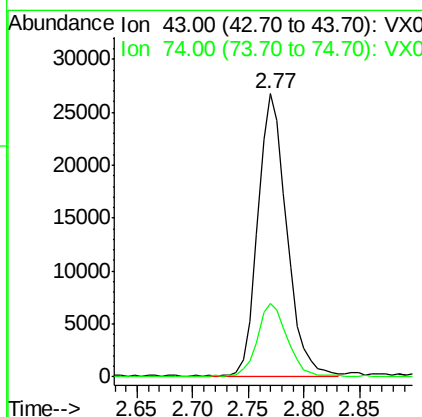
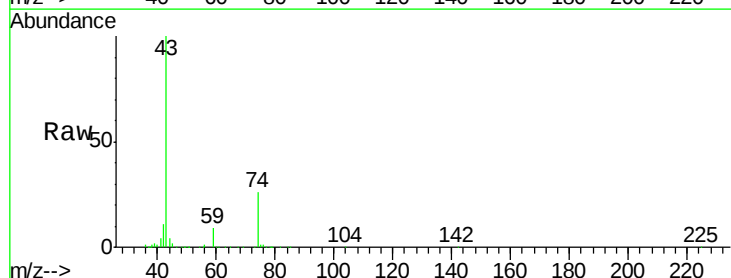
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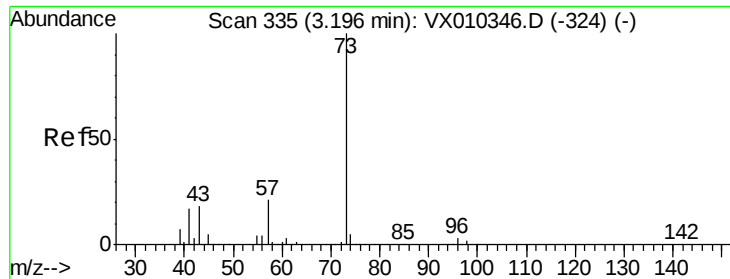
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#18
Methyl Acetate
Concen: 22.771 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.3	31.9





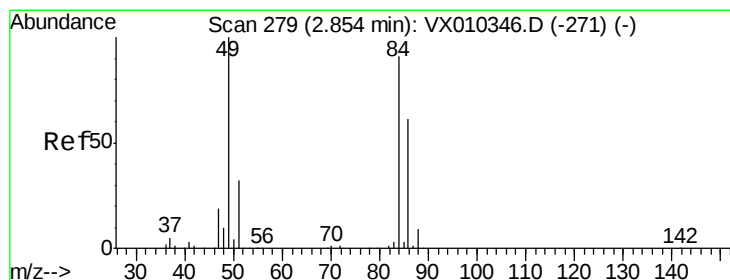
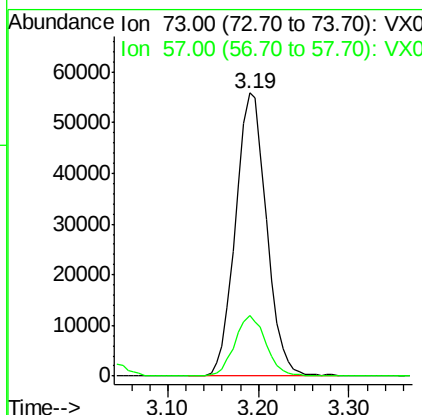
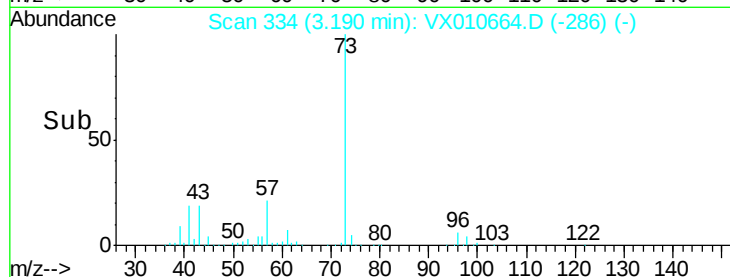
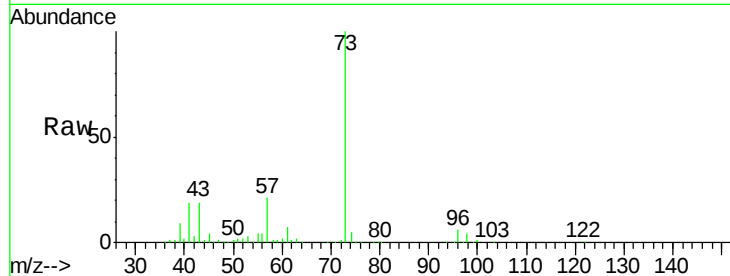
#19
Methyl tert-butyl Ether
Concen: 21.403 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 73 Resp: 132569
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

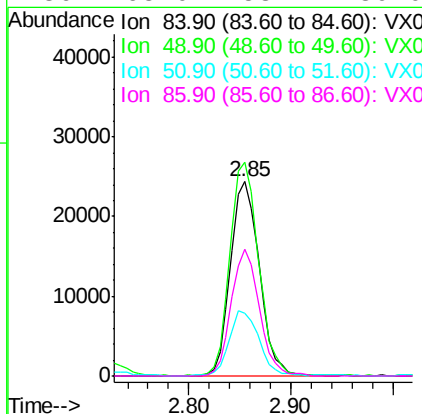
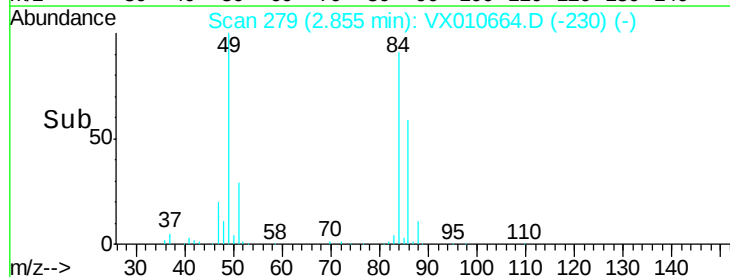
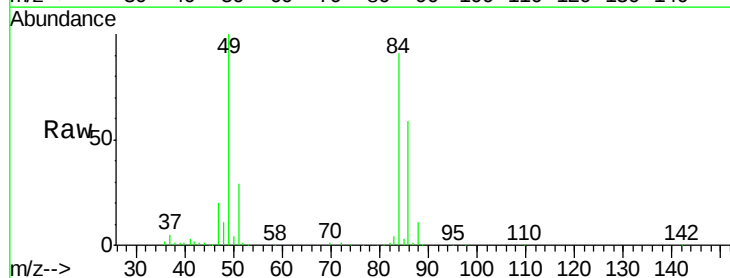
Manual Integrations
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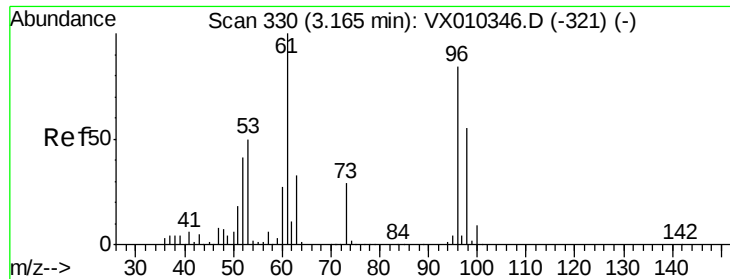
MMDadoda
7/8/2019 10:58:18 AM



#20
Methylene Chloride
Concen: 21.787 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 84 Resp: 47858
Ion Ratio Lower Upper
84 100
49 109.7 87.5 131.3
51 32.0 27.7 41.5
86 65.0 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 21.209 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

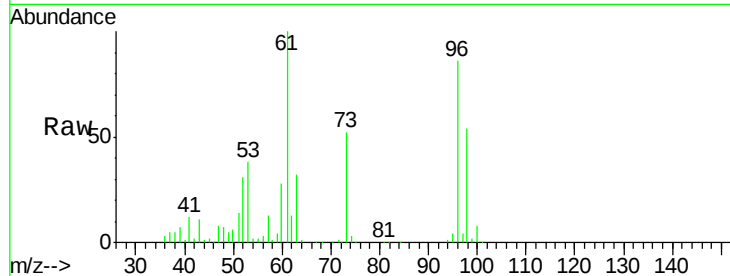
ClientSampled :

VX0703WBS02

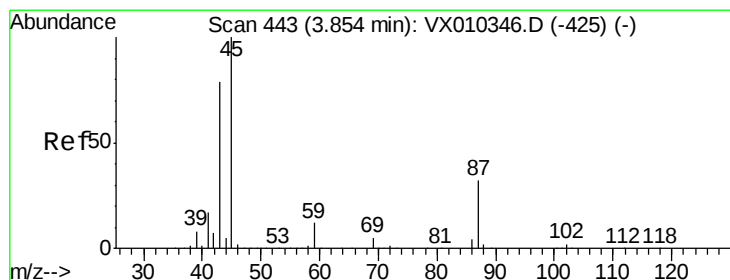
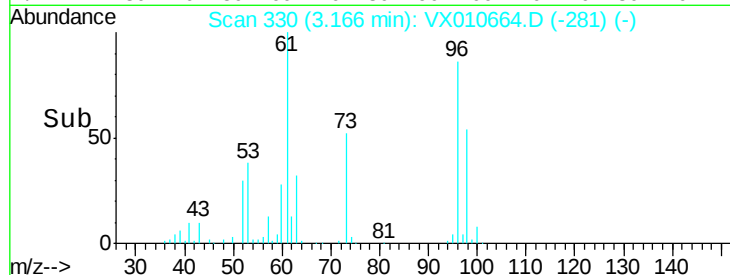
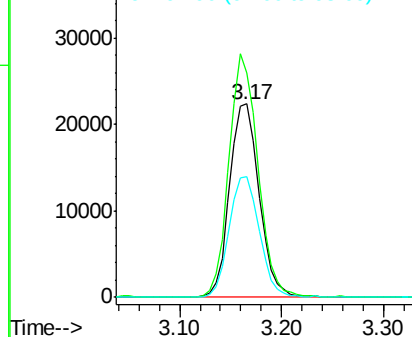
Tot Ion:	96	Resp:	44912
Ion	Ratio	Lower	Upper
96	100		
61	116.0	95.6	143.4
98	62.6	52.5	78.7

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



#22

Diisopropyl ether

Concen: 21.576 ug/l

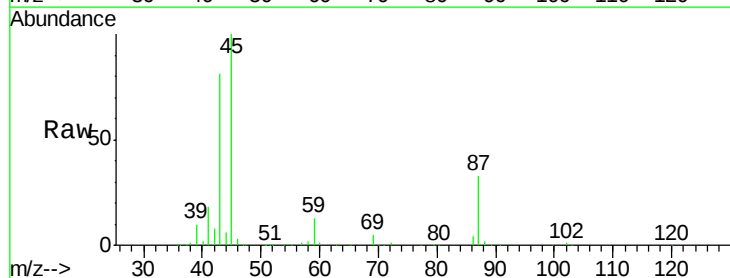
RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

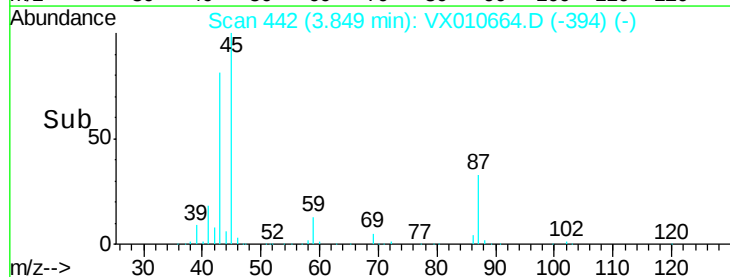
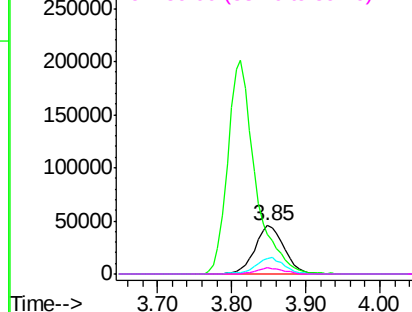
Lab File: VX010664.D

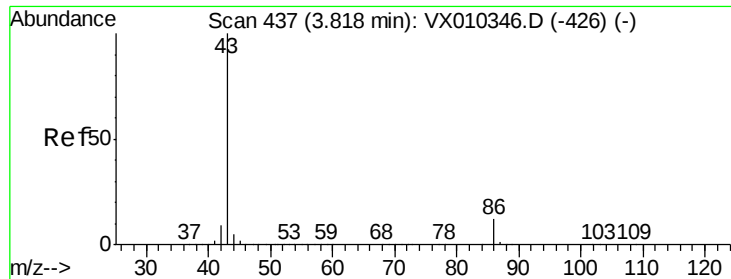
Acq: 04 Jul 2019 03:45

Tgt Ion:	45	Resp:	126094
Ion	Ratio	Lower	Upper
45	100		
43	80.6	63.3	94.9
87	32.7	25.8	38.8
59	12.9	9.6	14.4



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





#23

Vinyl Acetate

Concen: 102.446 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS02

Tot Ion: 43 Resp: 517229

Ion Ratio Lower Upper

43 100

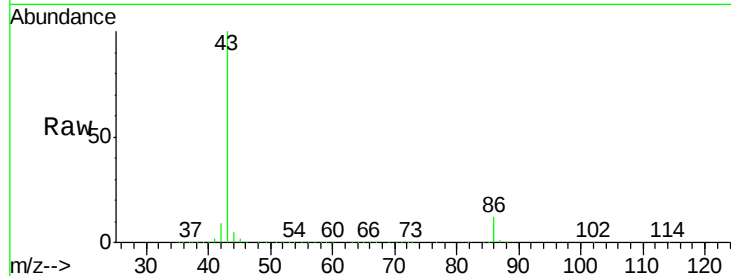
86 12.3 9.9 14.9

Manual Integrations

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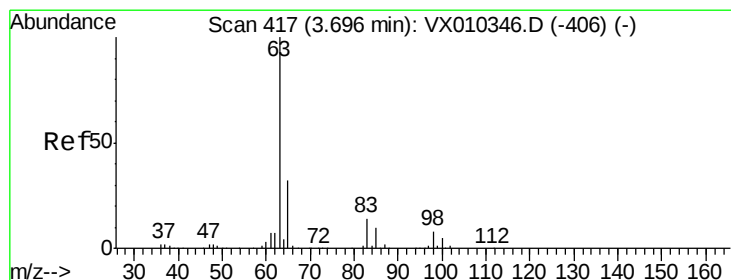
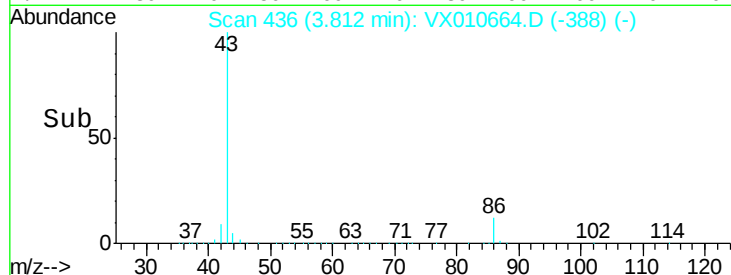
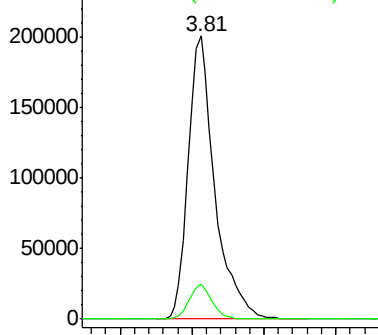
MMDadoda

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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: 21.927 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

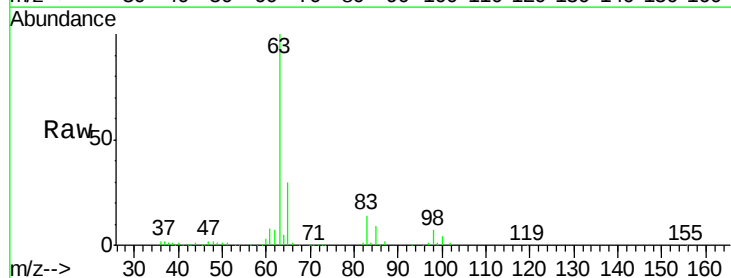
Tgt Ion: 63 Resp: 74075

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

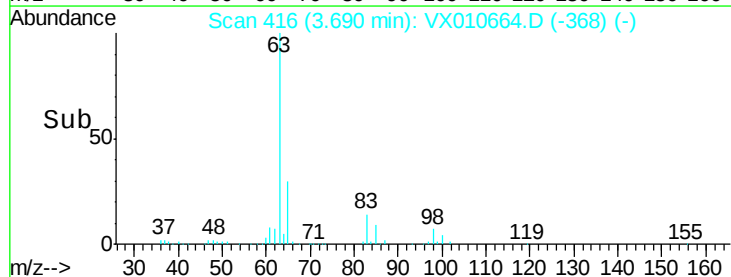
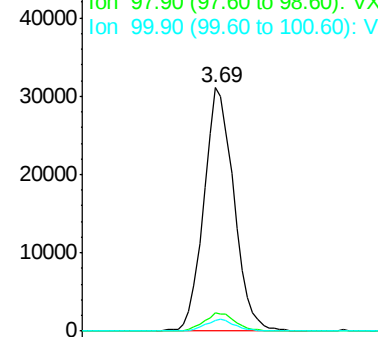
100 4.3 2.4 7.1

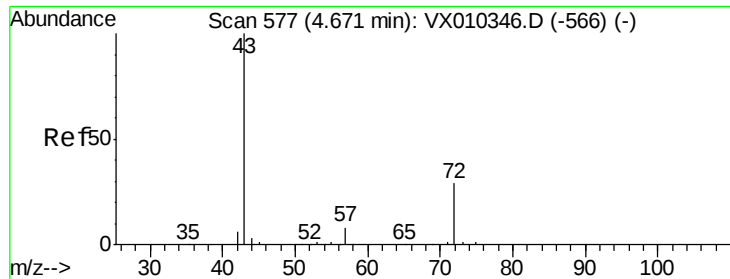


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.325 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 43 Resp: 153947

Ion Ratio Lower Upper

43 100

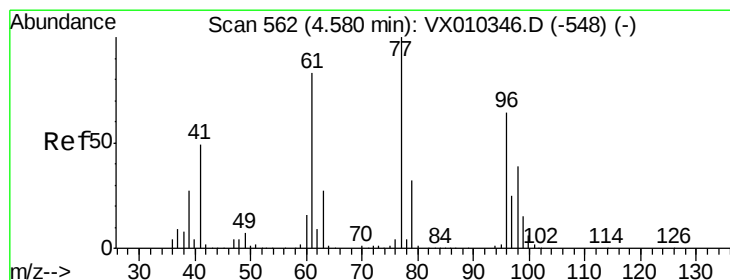
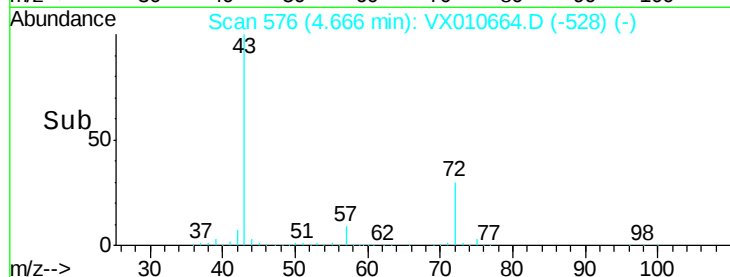
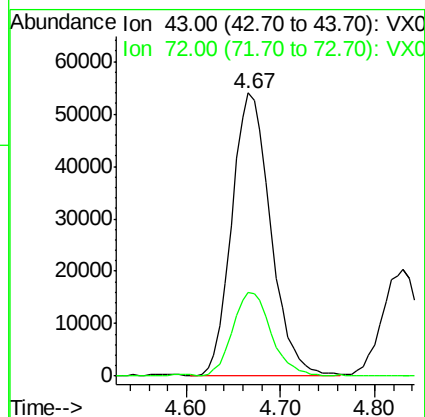
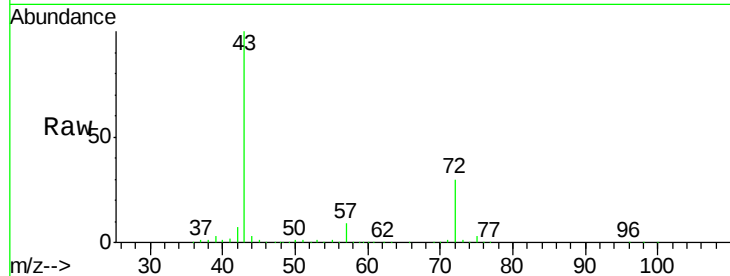
72 29.3 23.3 34.9

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#26

2,2-Dichloropropane

Concen: 12.990 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010664.D

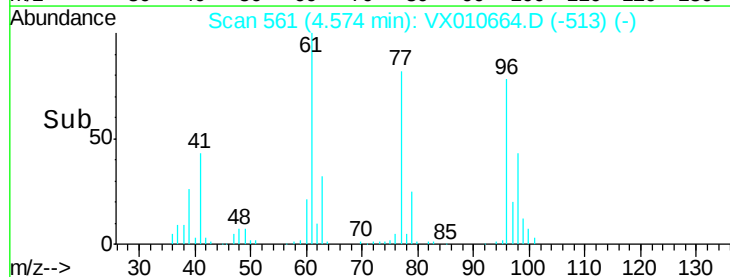
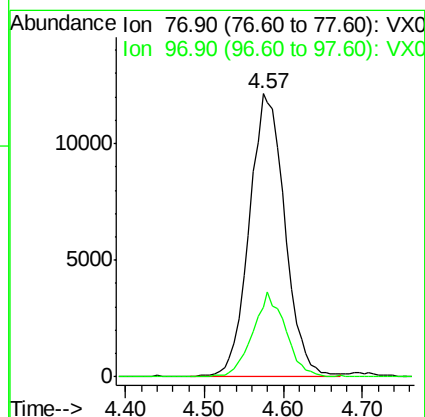
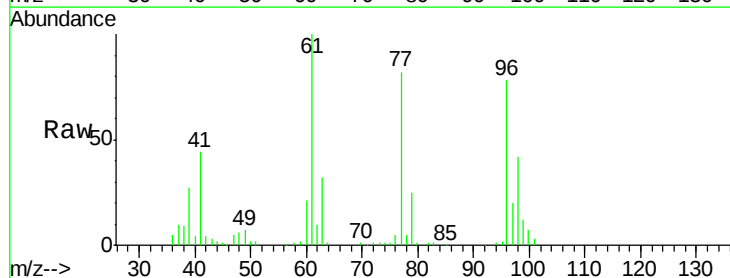
Acq: 04 Jul 2019 03:45

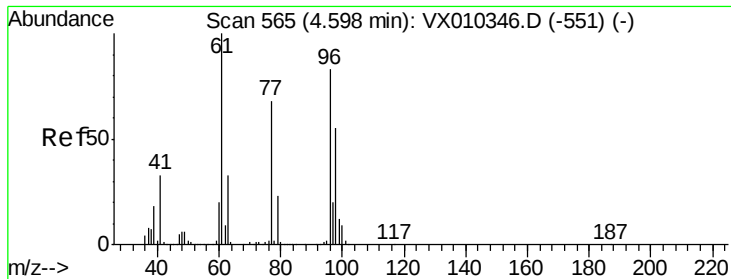
Tgt Ion: 77 Resp: 38120

Ion Ratio Lower Upper

77 100

97 27.5 13.1 39.3





#27

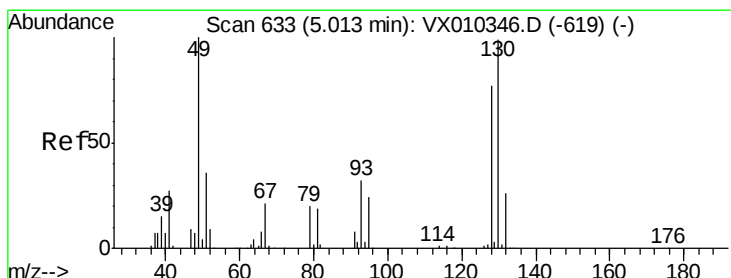
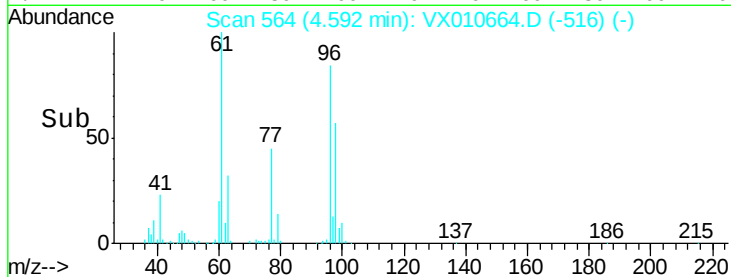
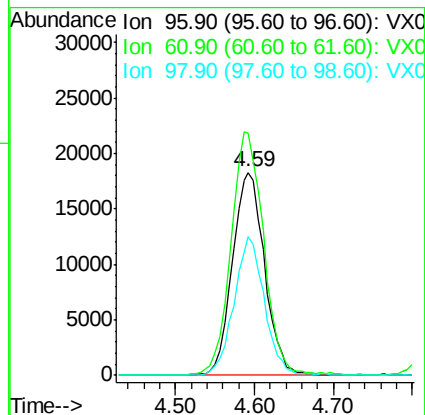
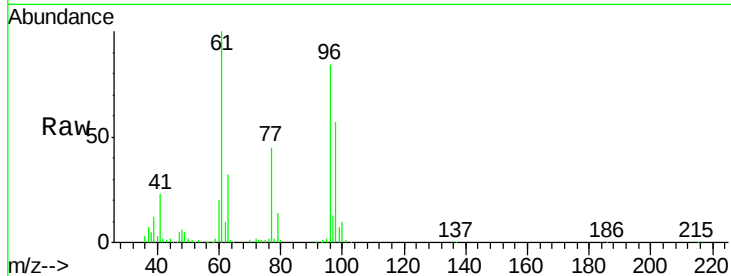
cis-1,2-Dichloroethene
Concen: 21.167 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	121.8	0.0	251.8
98	64.3	0.0	129.4

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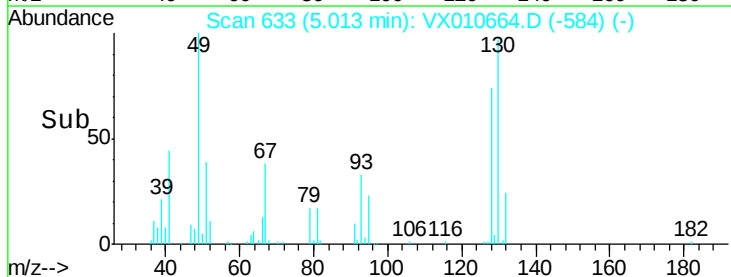
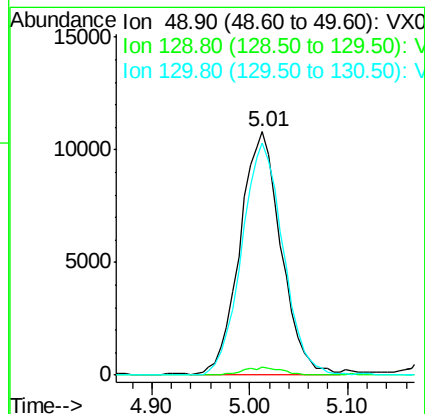
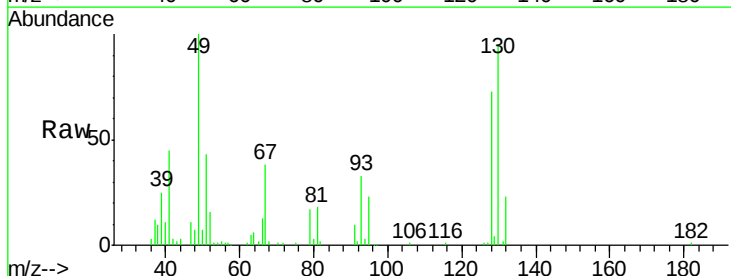
MMDadoda
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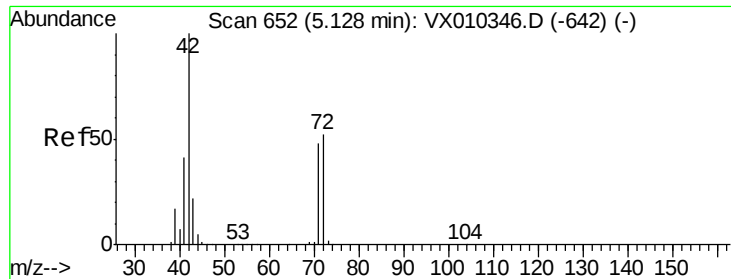


#28

Bromochloromethane
Concen: 19.599 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	96.0	81.4	122.0





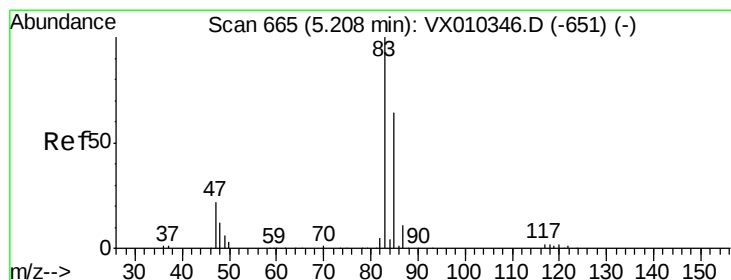
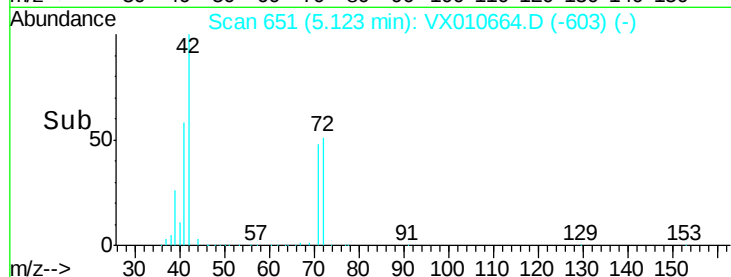
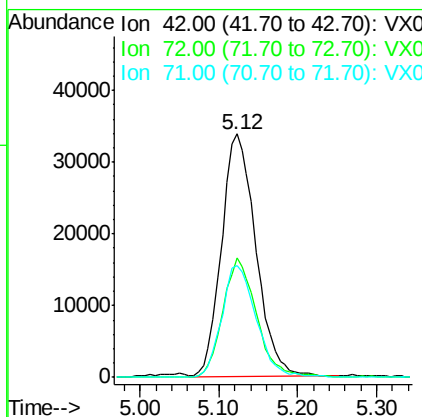
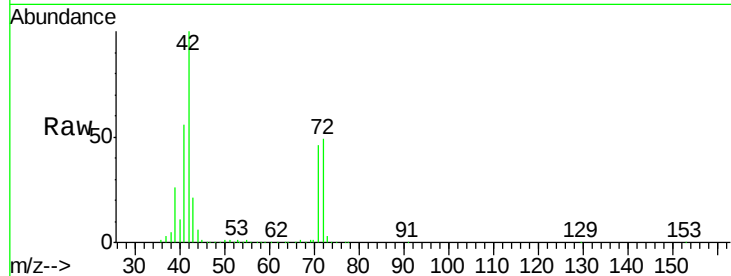
#29
Tetrahydrofuran
Concen: 105.436 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	40.6	60.8
71	46.2	37.8	56.8

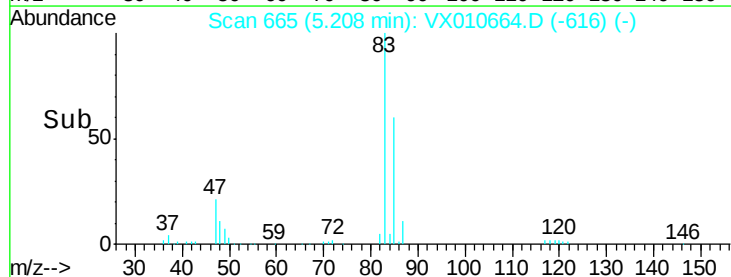
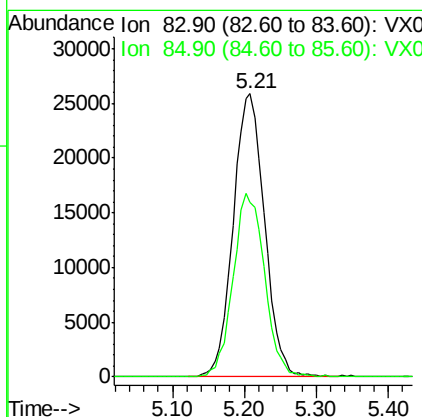
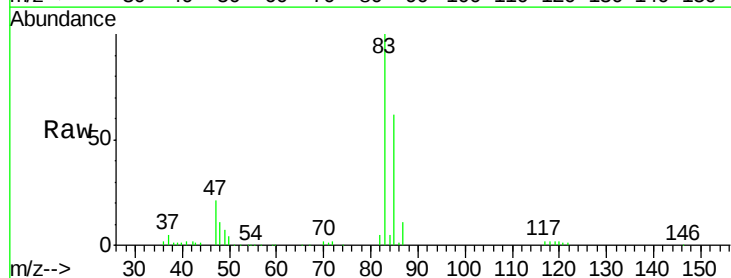
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#30
Chloroform
Concen: 21.579 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.9	76.3





#31

Cyclohexane

Concen: 21.548 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

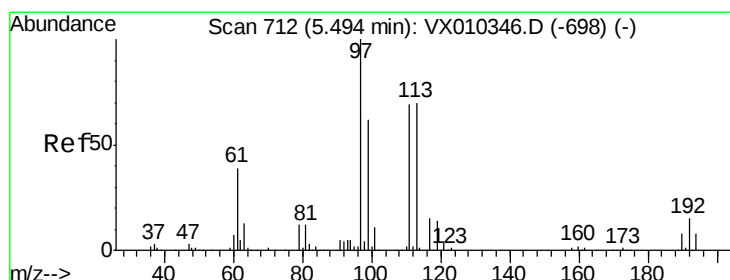
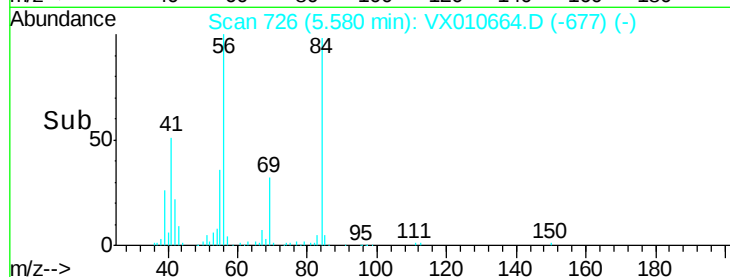
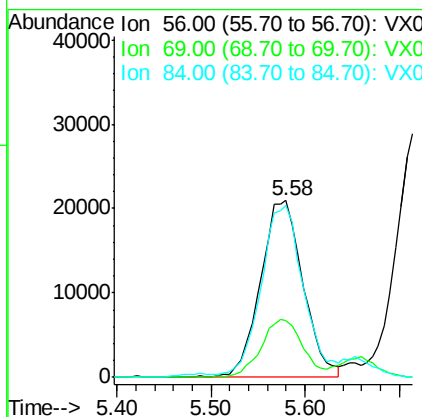
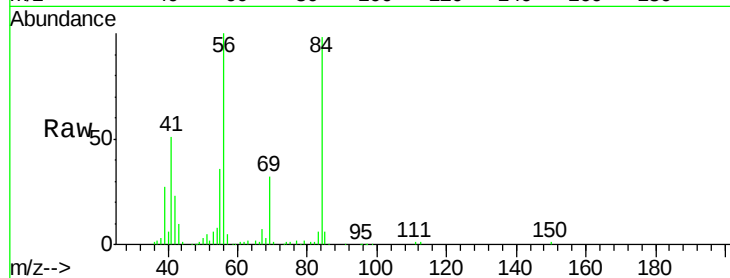
ClientSampleId :

VX0703WBS02

Tot Ion:	56	Resp:	66288
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.9	38.9
84	96.0	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.119 ug/l

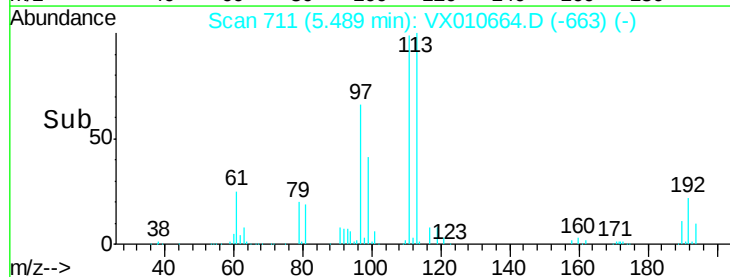
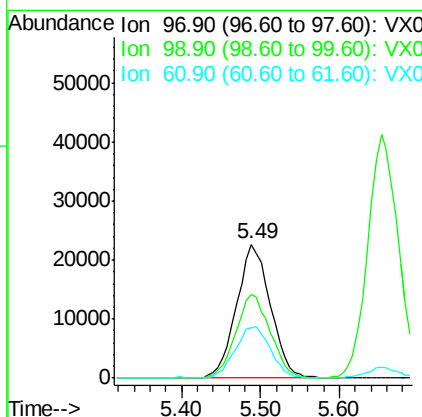
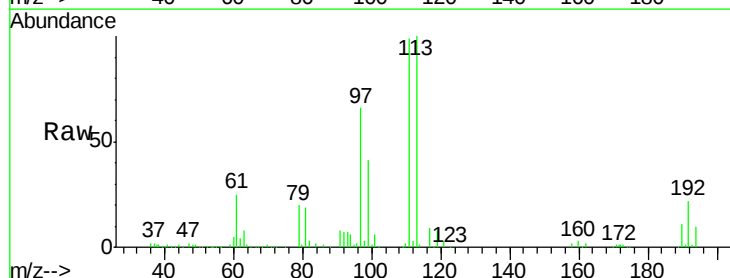
RT: 5.49 min Scan# 711

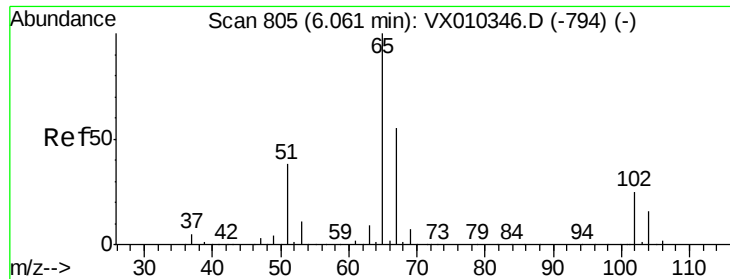
Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion:	97	Resp:	67781
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.8
61	40.4	32.1	48.1





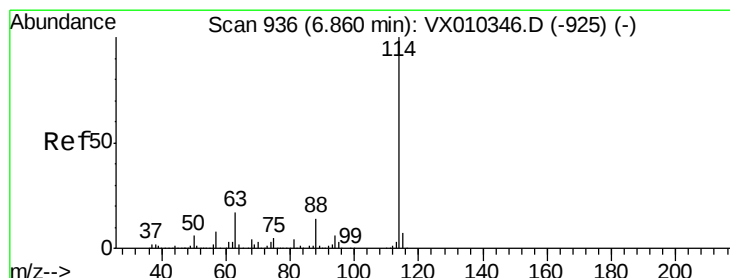
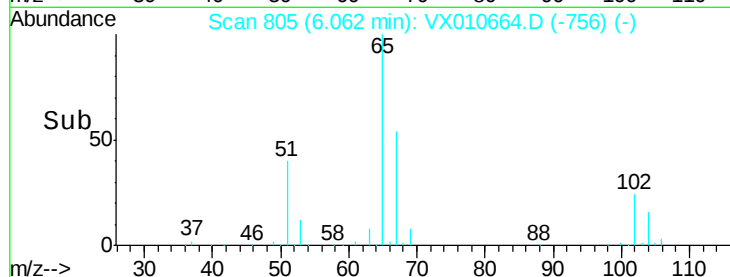
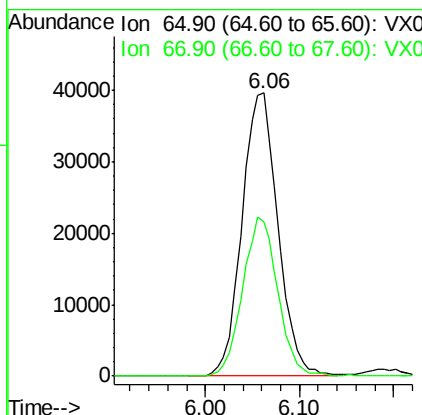
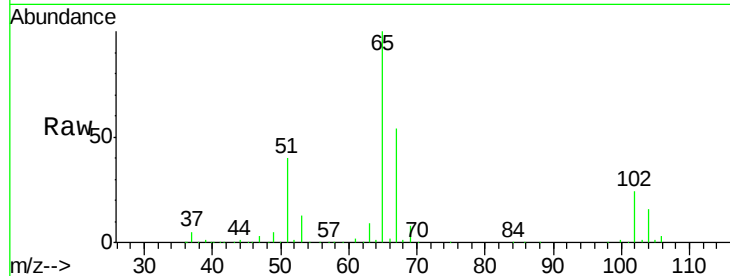
#33
 1,2-Dichloroethane-d4
 Concen: 49.701 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105852		
67	54.9	0.0	110.2	

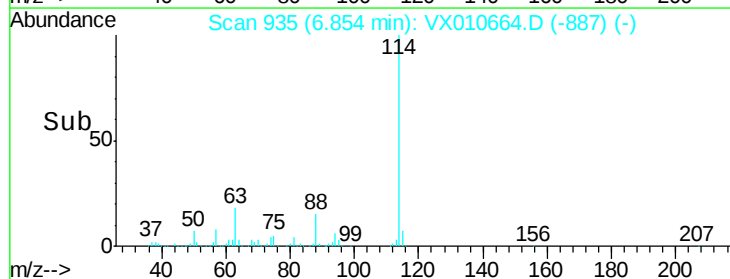
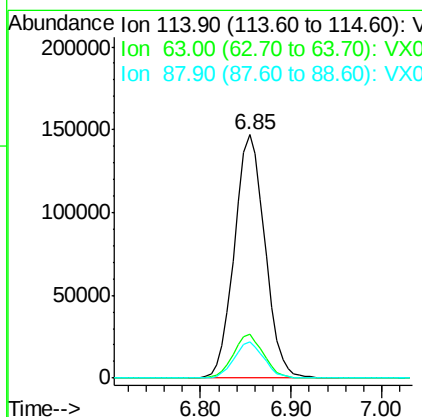
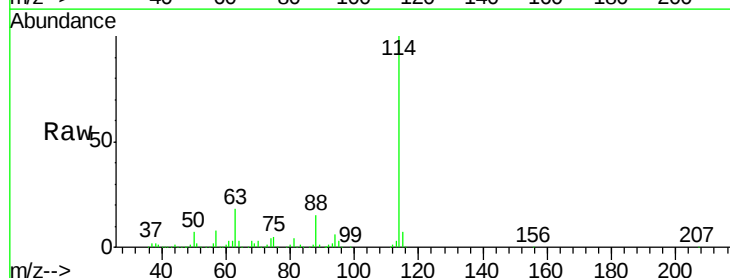
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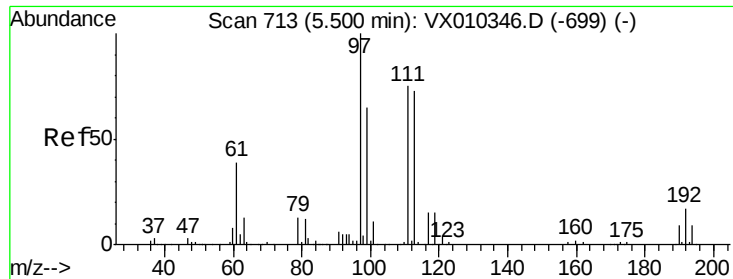
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	343130		
63	18.1	0.0	33.8	
88	14.6	0.0	27.6	





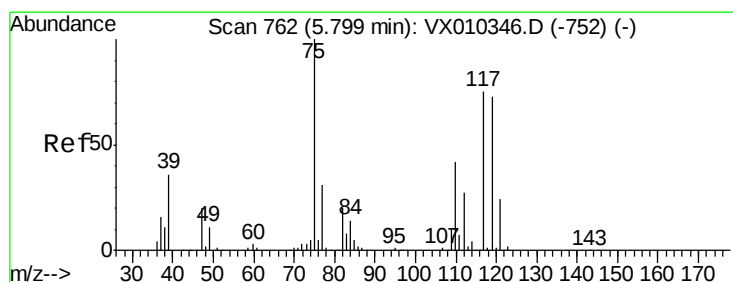
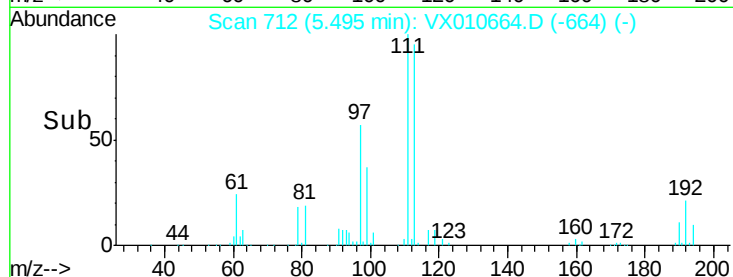
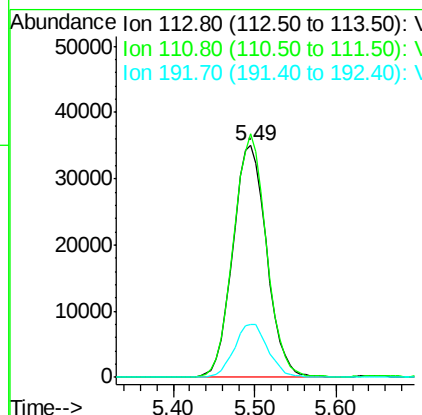
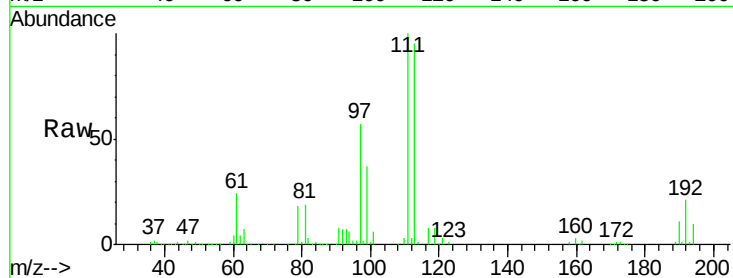
#35
Dibromofluoromethane
Concen: 47.989 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100748		
111	102.1	81.2	121.8	
192	22.8	18.6	27.8	

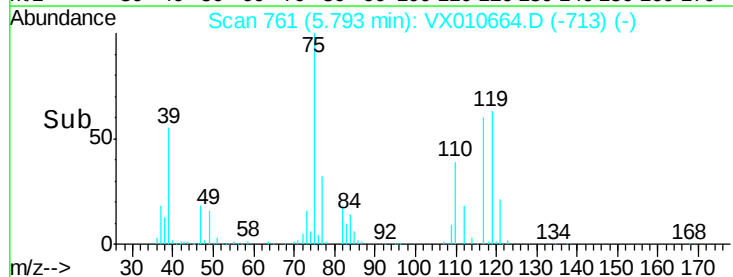
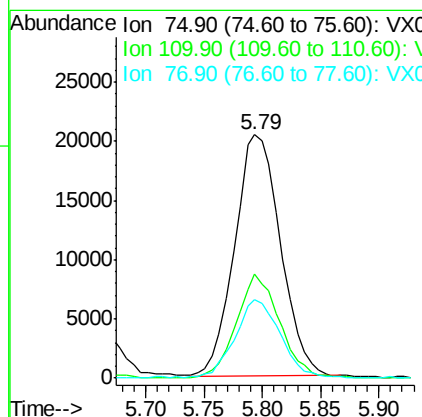
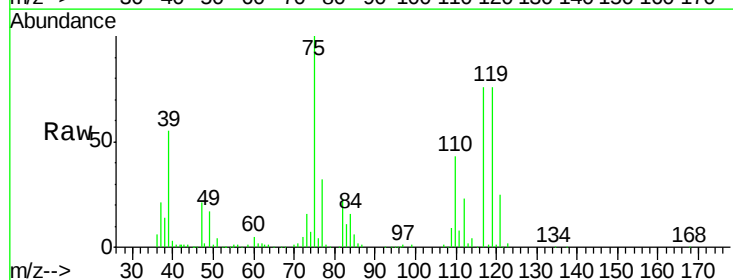
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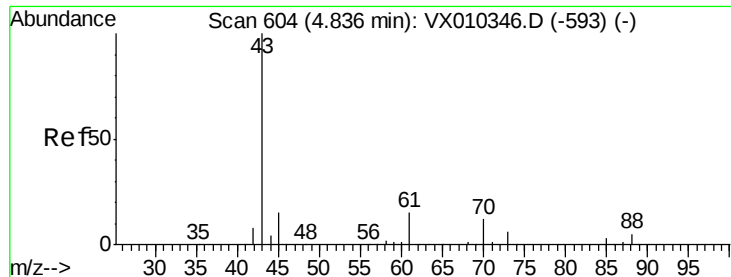
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#36
1,1-Dichloropropene
Concen: 20.438 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55729		
110	40.9	20.8	62.2	
77	32.3	25.4	38.0	





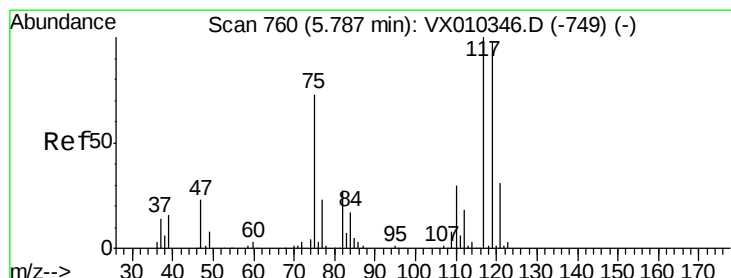
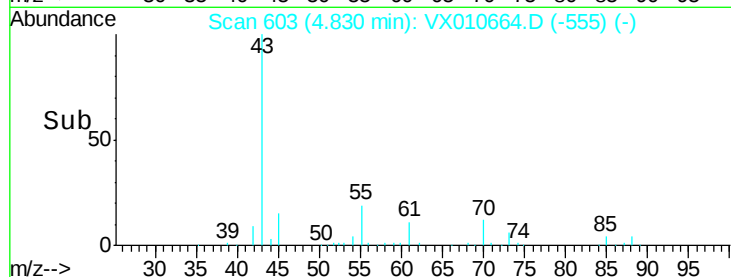
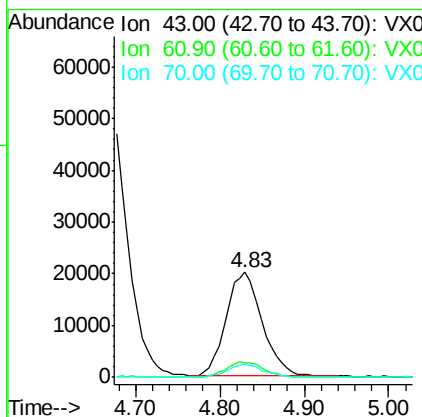
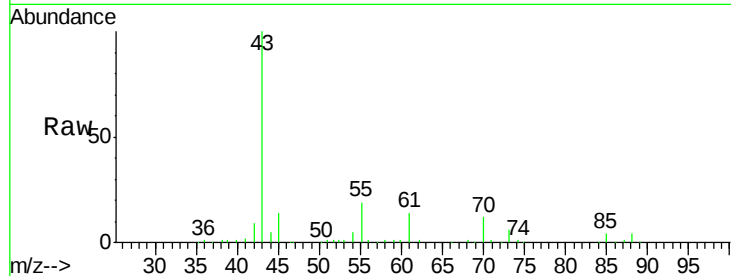
#37
Ethyl Acetate
Concen: 20.982 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	12.5	9.8	14.8

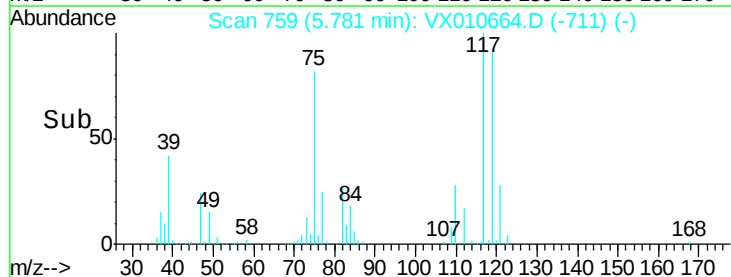
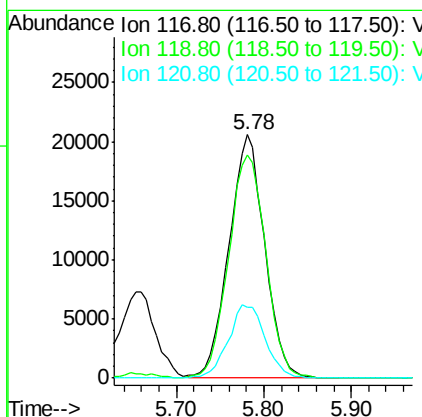
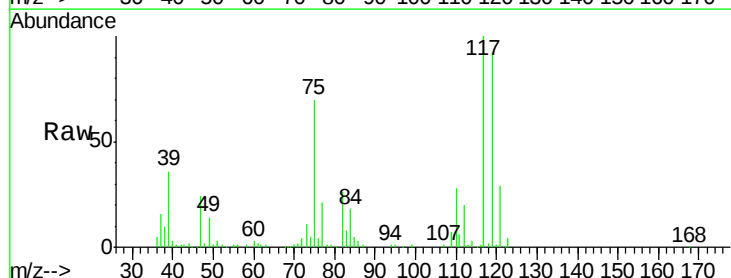
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#38
Carbon Tetrachloride
Concen: 19.757 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	78.2	117.4
121	29.1	24.7	37.1





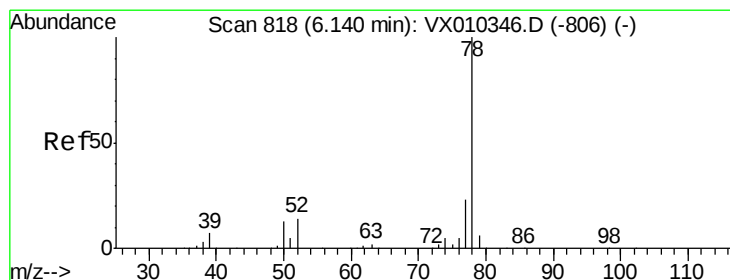
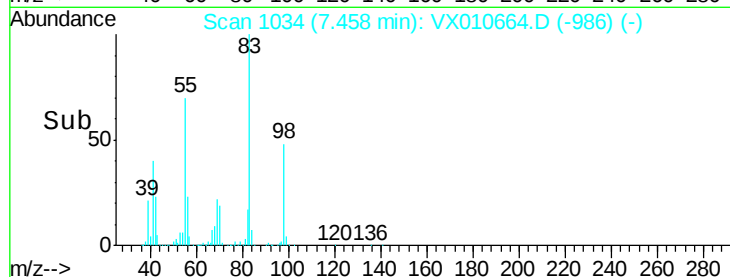
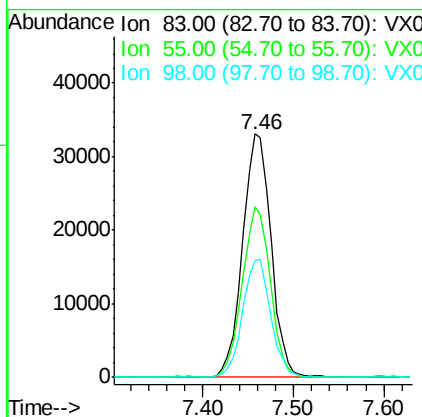
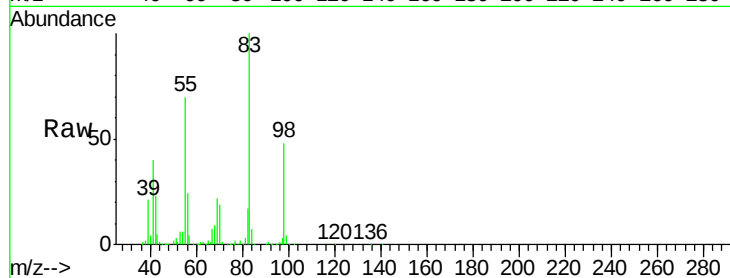
#39
Methvlcvclohexane
Concen: 20.108 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	53.0	79.6
98	48.1	37.8	56.8

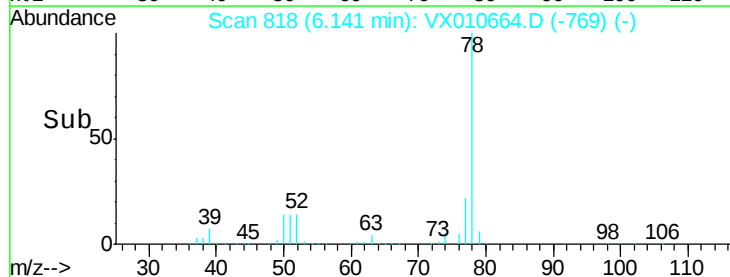
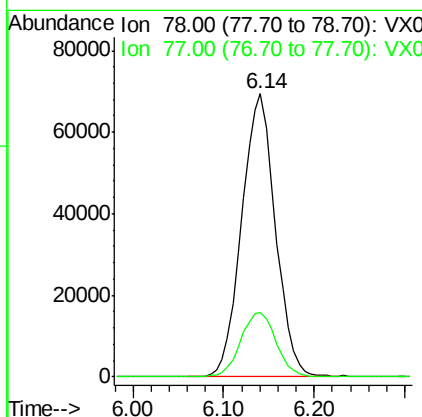
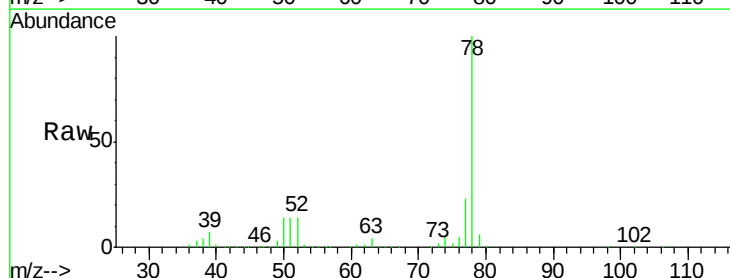
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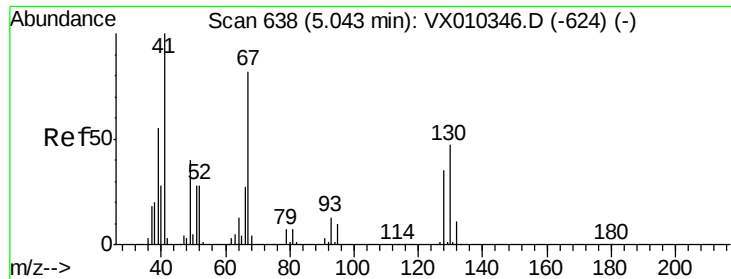
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#40
Benzene
Concen: 20.991 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0





#41

Methacrylonitrile

Concen: 20.515 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 41 Resp: 31575

Ion Ratio Lower Upper

41 100

39 55.7 43.8 65.8

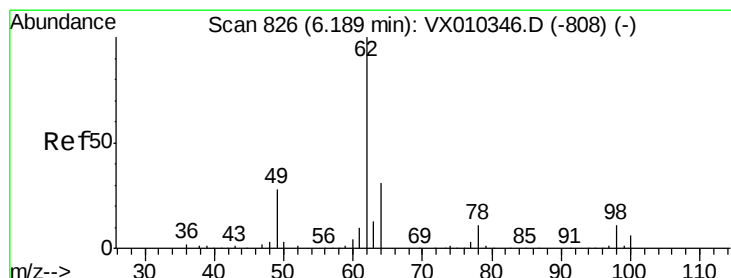
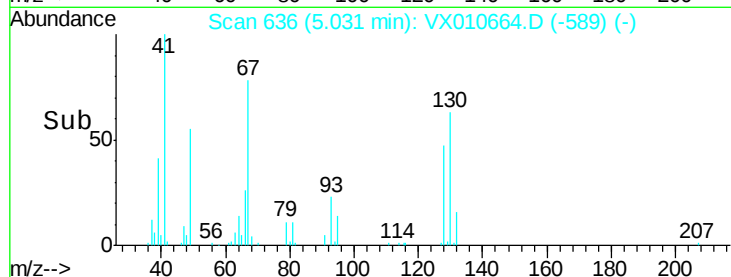
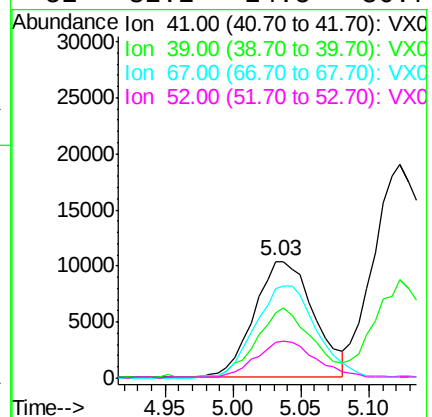
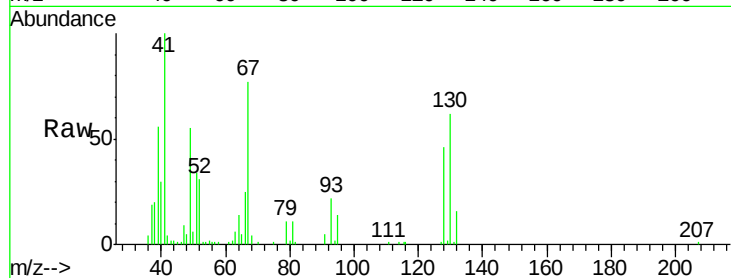
67 83.0 66.6 100.0

52 32.2 24.5 36.7

Manual Integrations
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7/8/2019 10:58:18 AM



#42

1,2-Dichloroethane

Concen: 22.432 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010664.D

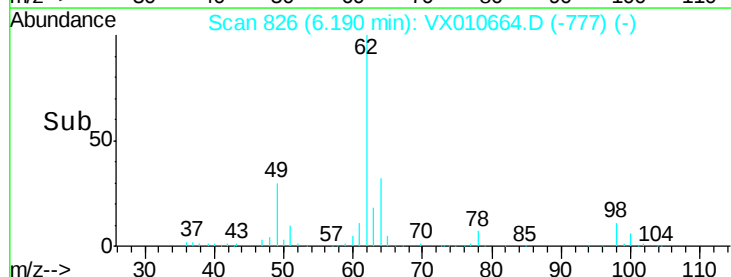
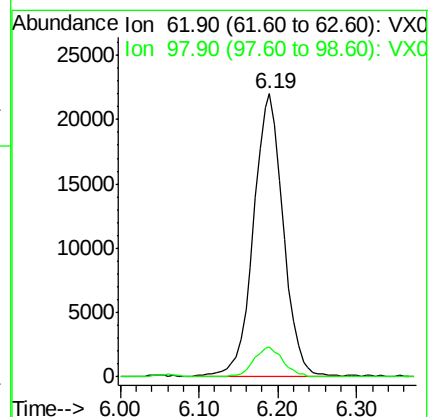
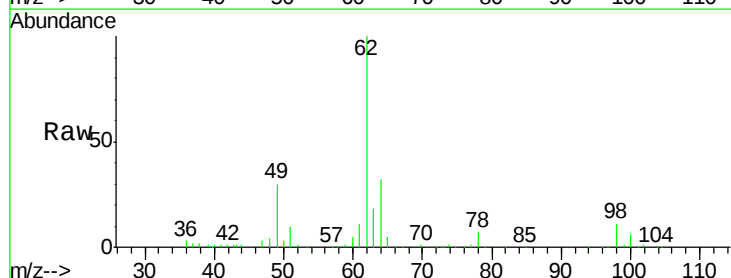
Acq: 04 Jul 2019 03:45

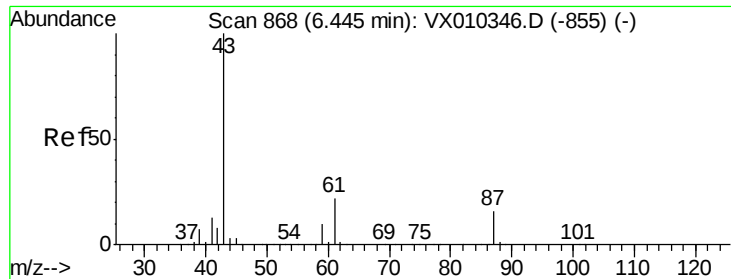
Tgt Ion: 62 Resp: 58007

Ion Ratio Lower Upper

62 100

98 10.4 0.0 22.2





#43

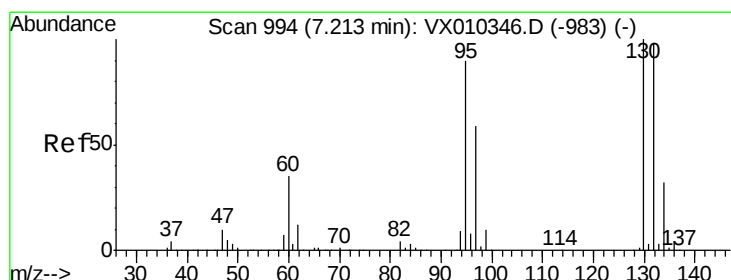
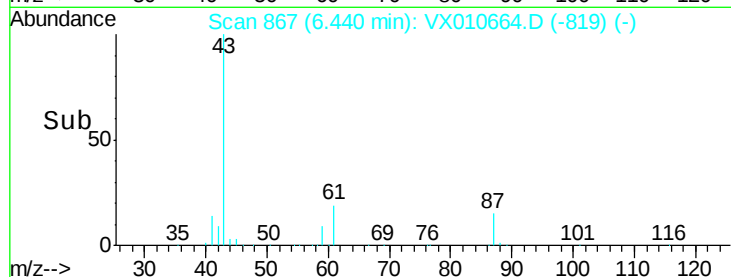
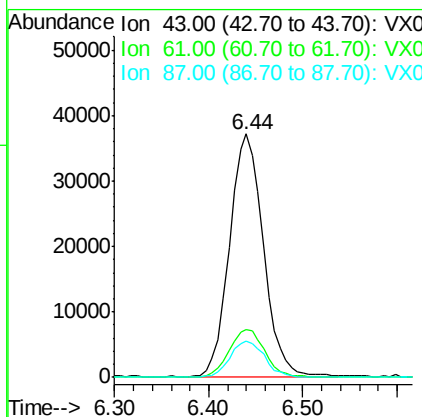
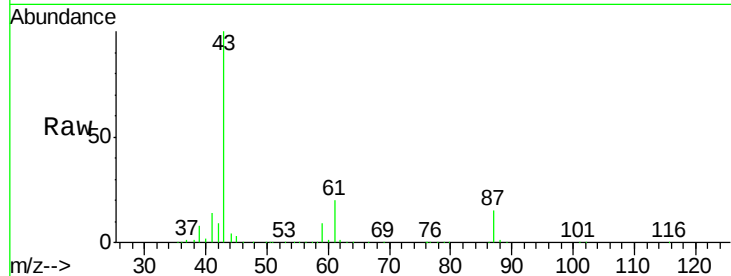
Isopropyl Acetate
 Concen: 19.942 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0703WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.6
87	15.5	13.0	19.4

Manual Integrations
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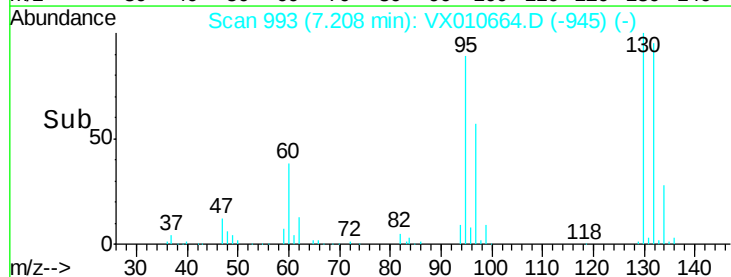
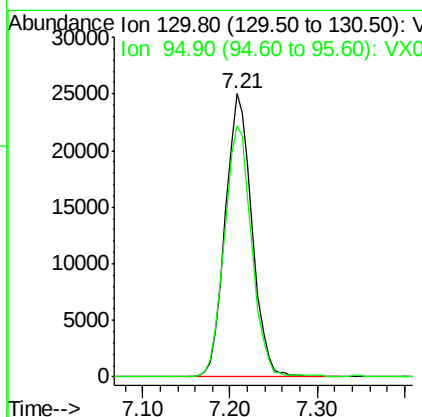
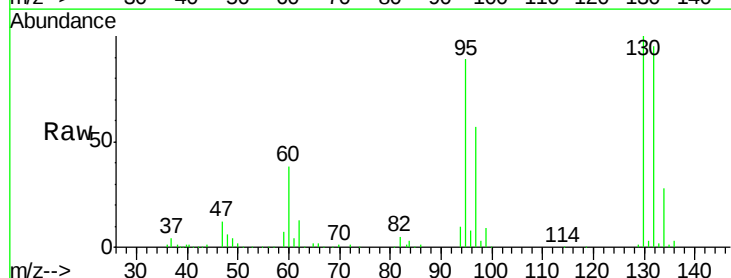
MMDadoda
 7/8/2019 10:58:18 AM

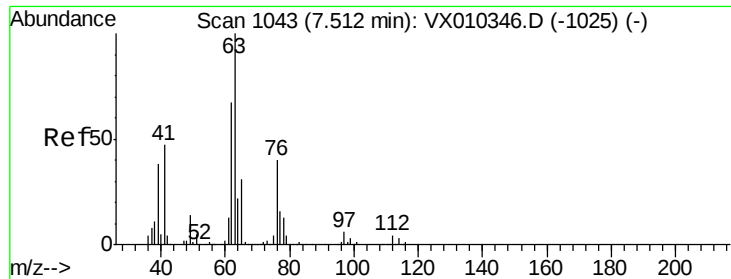


#44

Trichloroethene
 Concen: 20.849 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	180.8





#45

1,2-Dichloropropane

Concen: 20.645 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 63 Resp: 44287

Ion Ratio Lower Upper

63 100

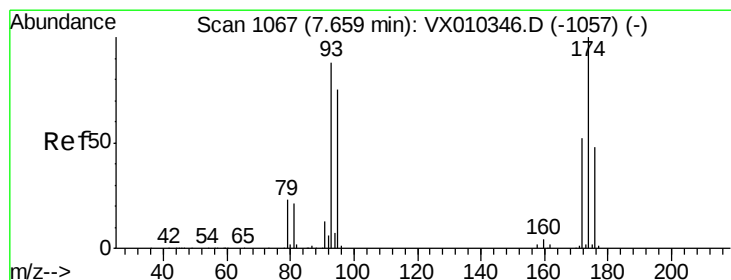
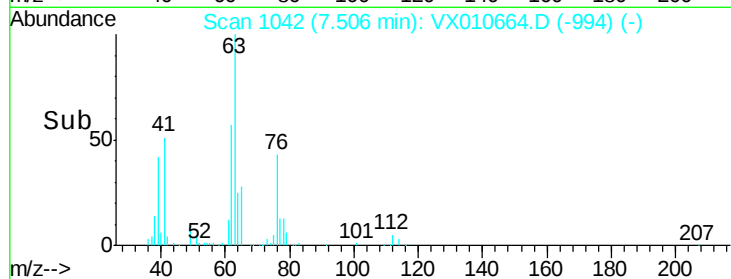
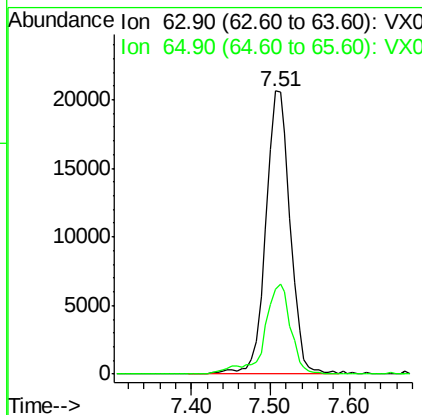
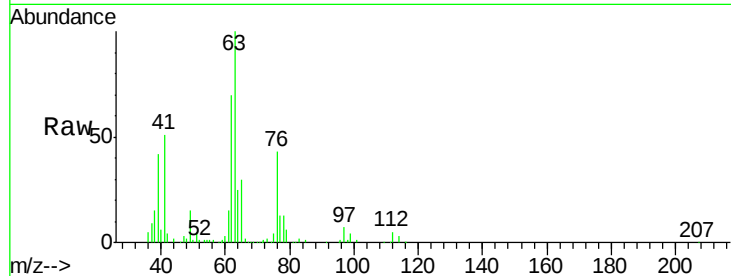
65 30.1 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 20.606 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

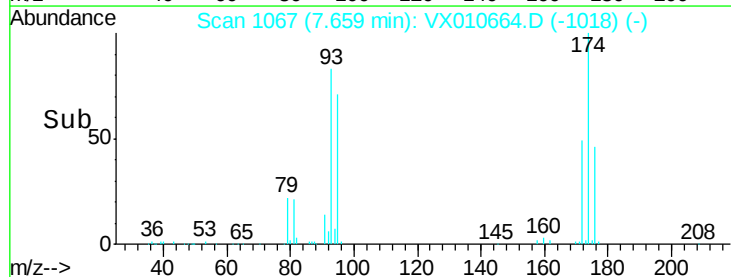
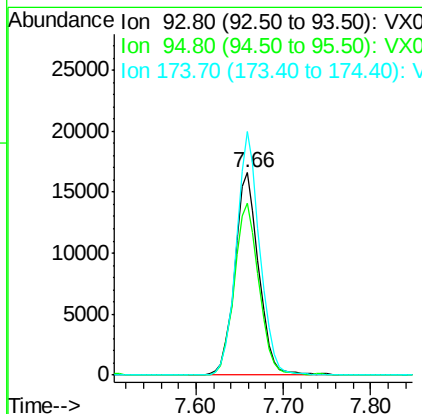
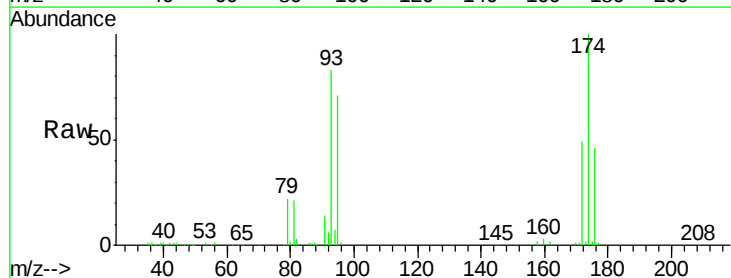
Tgt Ion: 93 Resp: 31715

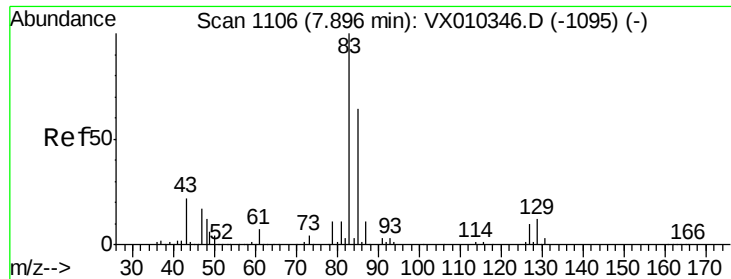
Ion Ratio Lower Upper

93 100

95 86.9 67.5 101.3

174 117.1 95.8 143.6





#47

Bromodichloromethane

Concen: 19.657 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

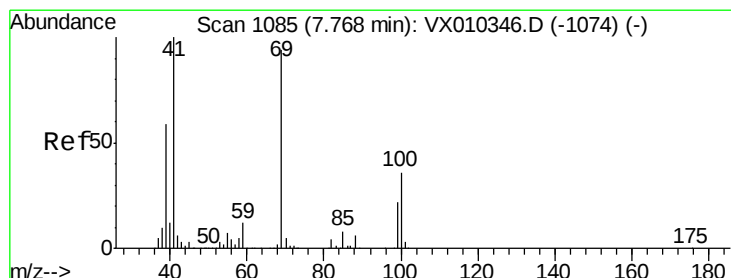
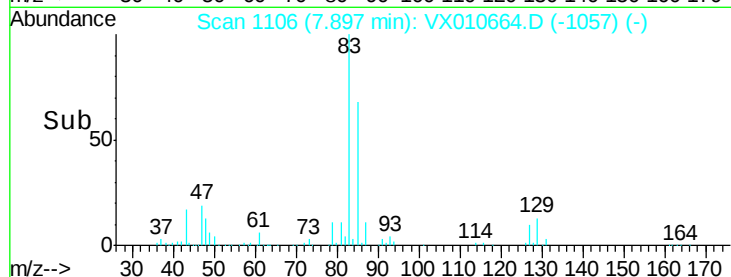
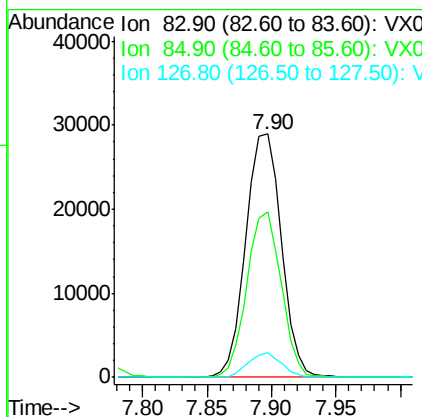
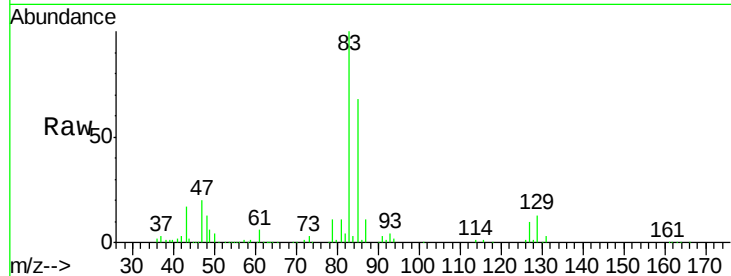
ClientSampleId :

VX0703WBS02

Tot Ion:	83	Resp:	55447
Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.5	77.3
127	10.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.330 ug/l

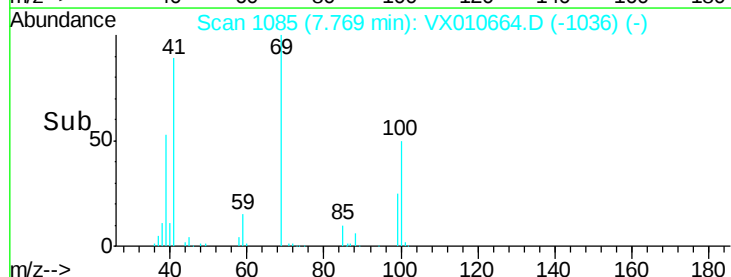
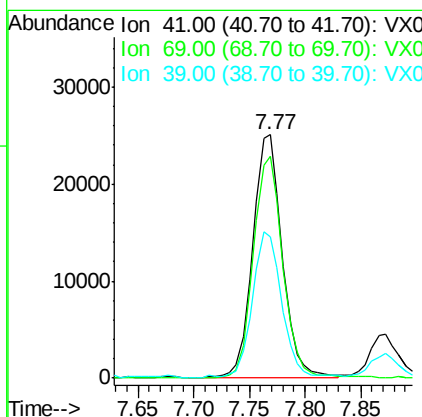
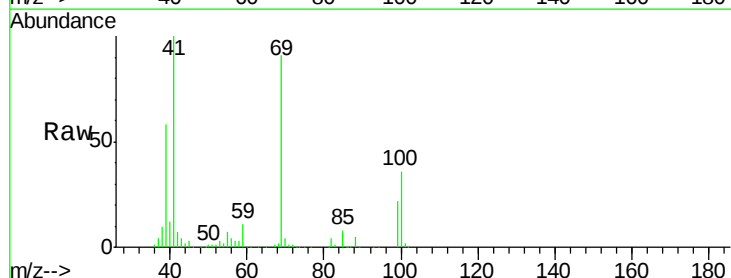
RT: 7.77 min Scan# 1085

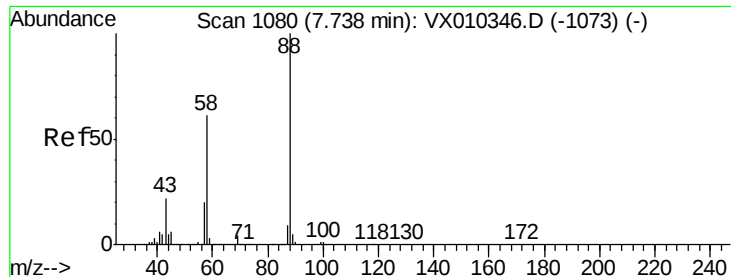
Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion:	41	Resp:	46014
Ion	Ratio	Lower	Upper
41	100		
69	92.3	76.1	114.1
39	59.9	47.6	71.4





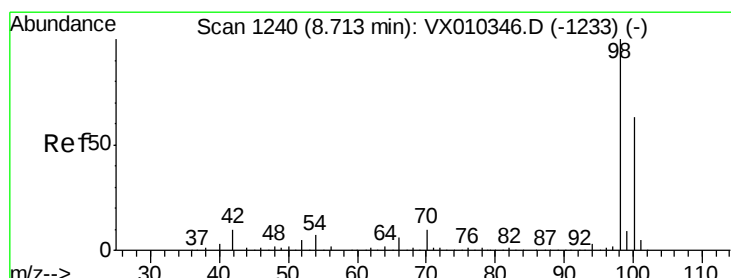
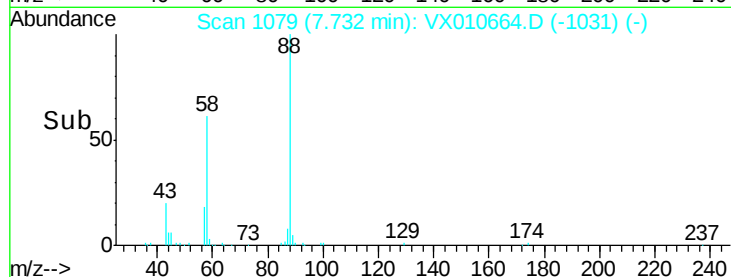
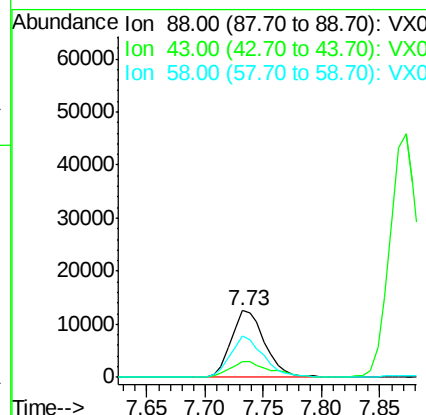
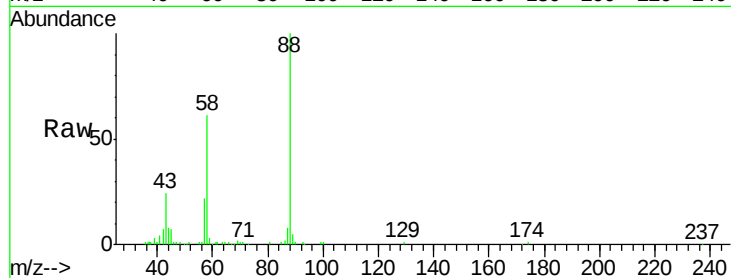
#49
1,4-Dioxane
Concen: 409.696 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.0	20.2	30.2
58	61.5	49.5	74.3

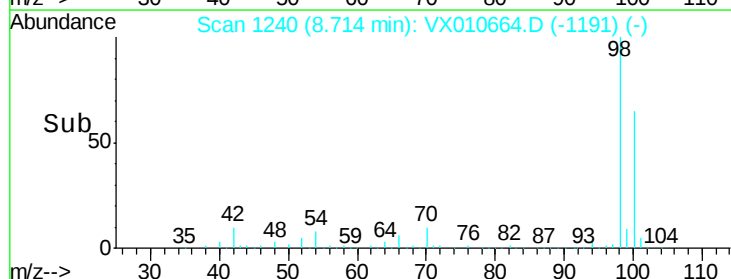
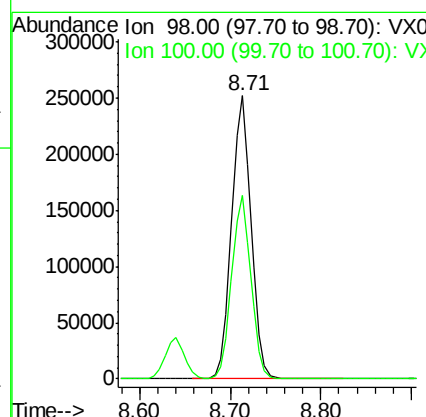
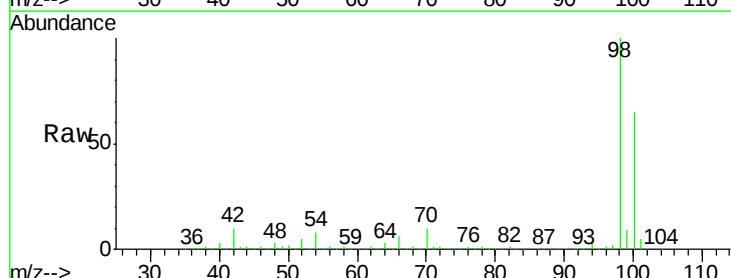
Manual Integrations
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#50
Toluene-d8
Concen: 46.767 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 105.370 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS02

Tot Ion: 43 Resp: 312761

Ion Ratio Lower Upper

43 100

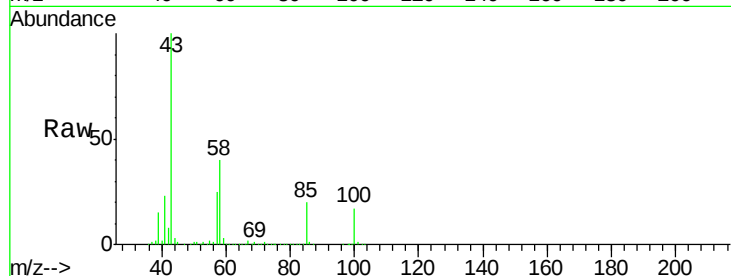
58 40.9 33.5 50.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

200000

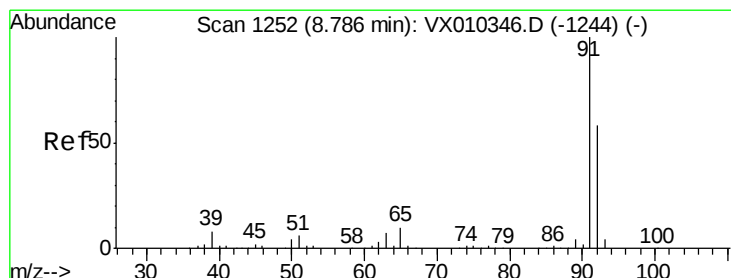
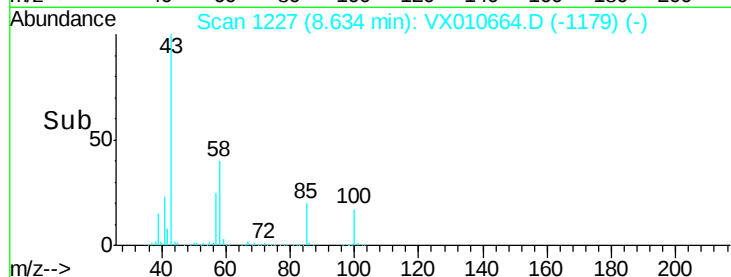
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.752 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010664.D

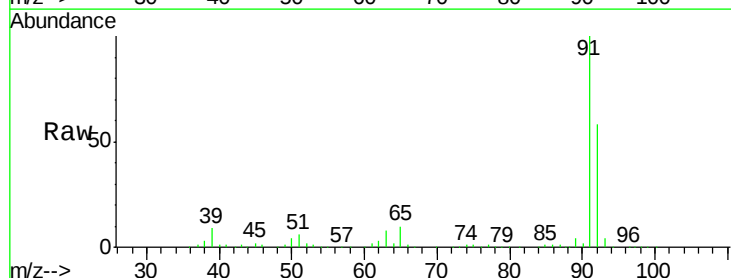
Acq: 04 Jul 2019 03:45

Tgt Ion: 92 Resp: 116092

Ion Ratio Lower Upper

92 100

91 175.4 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

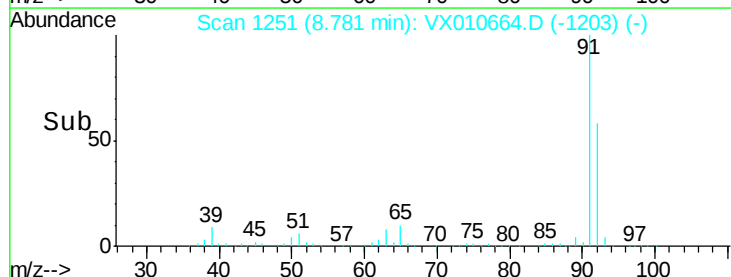
150000

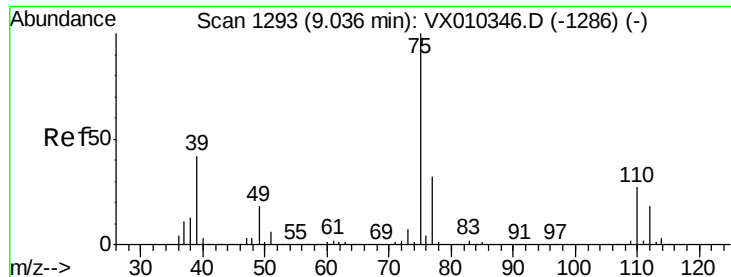
100000

50000

0

Time-->





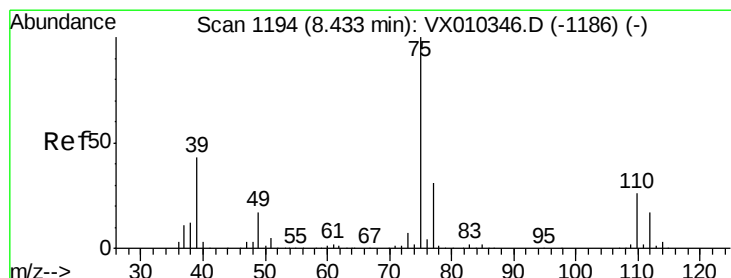
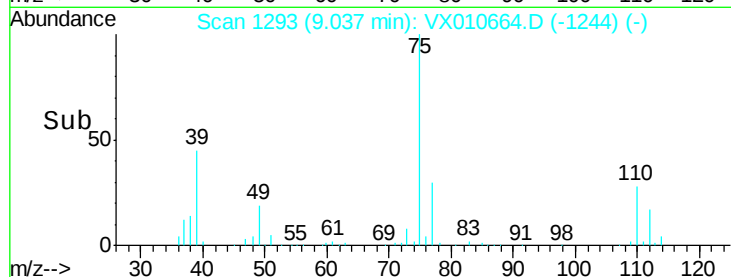
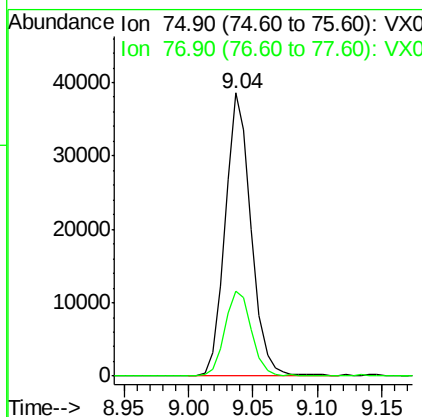
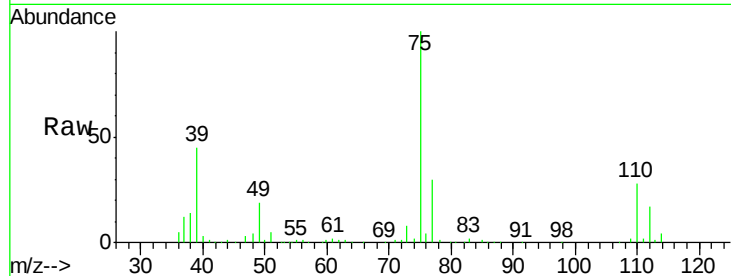
#53
t-1,3-Dichloropropene
Concen: 17.257 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 75 Resp: 54574
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

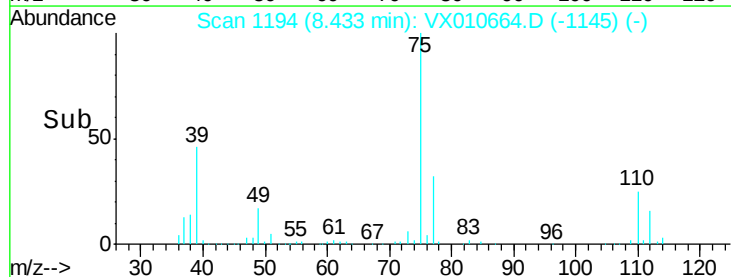
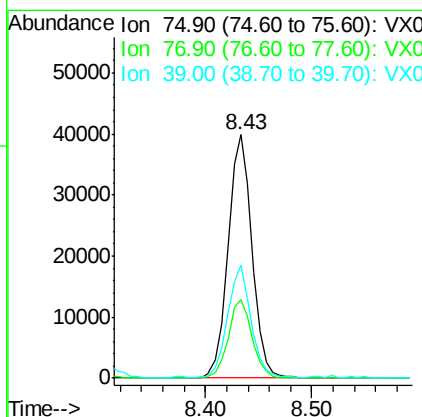
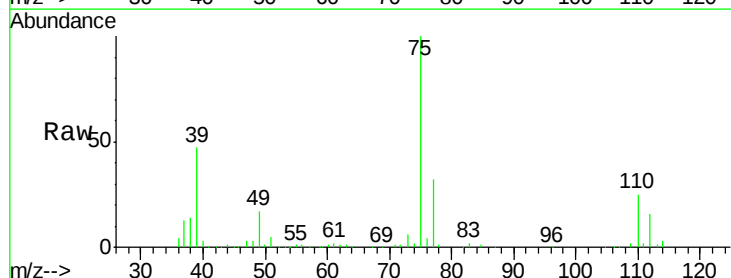
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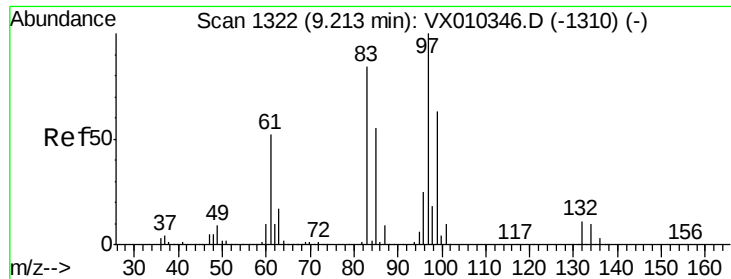
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#54
cis-1,3-Dichloropropene
Concen: 18.225 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 75 Resp: 62633
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 46.2 34.5 51.7





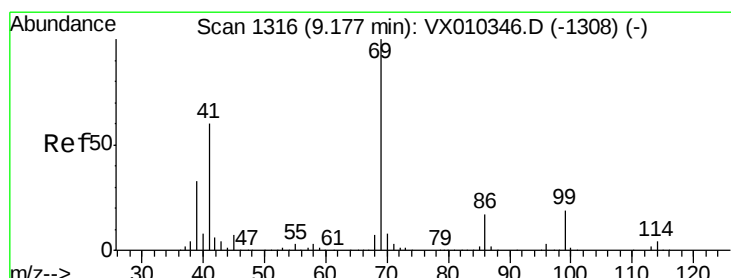
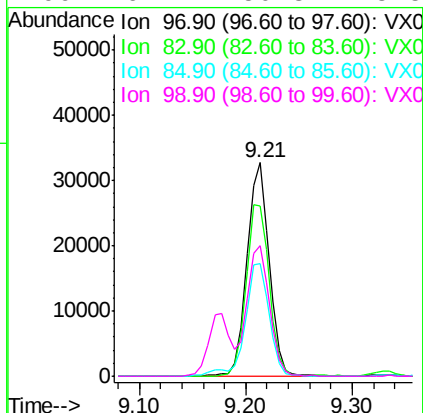
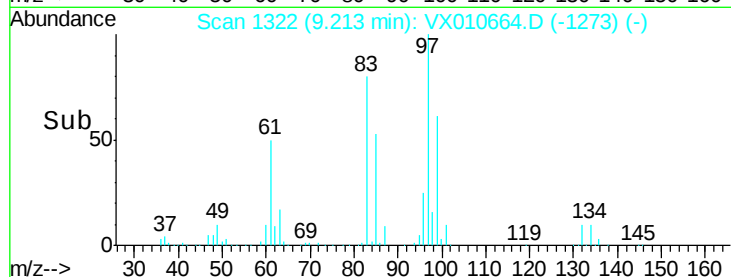
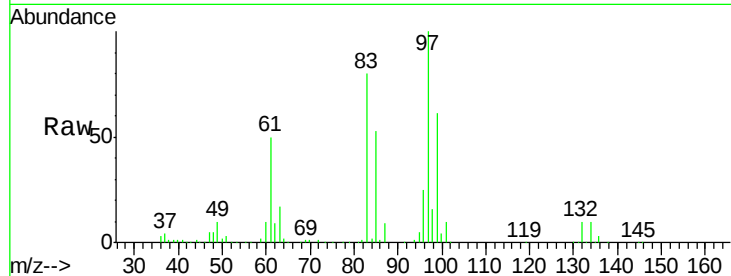
#55
 1,1,2-Trichloroethane
 Concen: 20.798 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0703WBS02

Tot Ion:	97	Resp:	47985
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	52.5	43.8	65.8
99	61.2	50.3	75.5

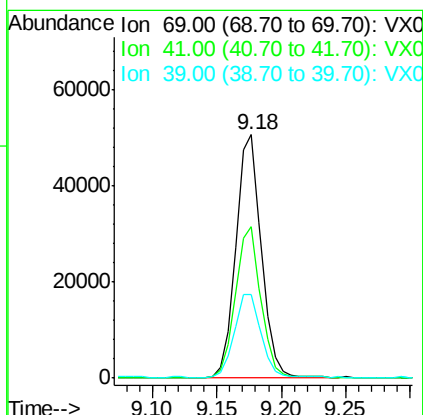
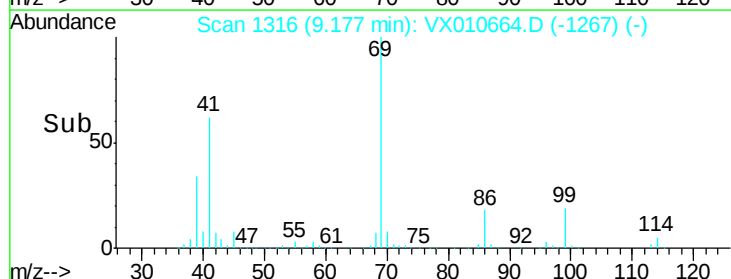
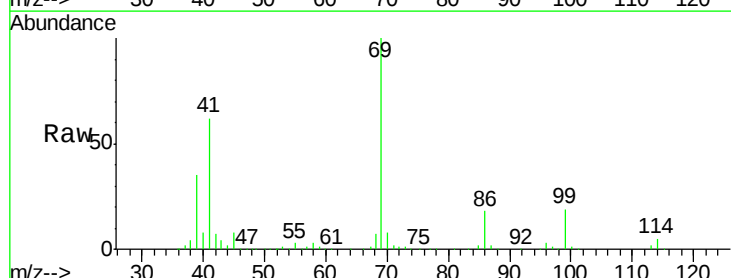
Manual Integrations
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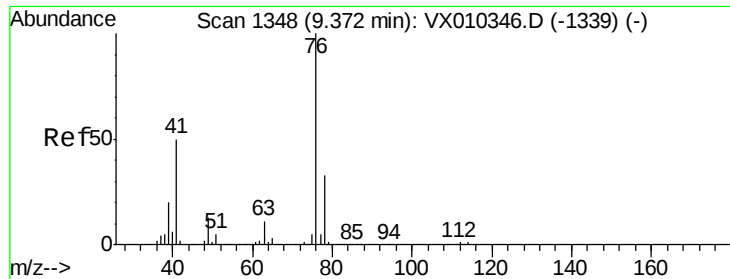
MMDadoda
 7/8/2019 10:58:18 AM



#56
 Ethyl methacrylate
 Concen: 19.992 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion:	69	Resp:	69874
Ion	Ratio	Lower	Upper
69	100		
41	61.7	47.1	70.7
39	35.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 21.057 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion: 76 Resp: 75415

Ion Ratio Lower Upper

76 100

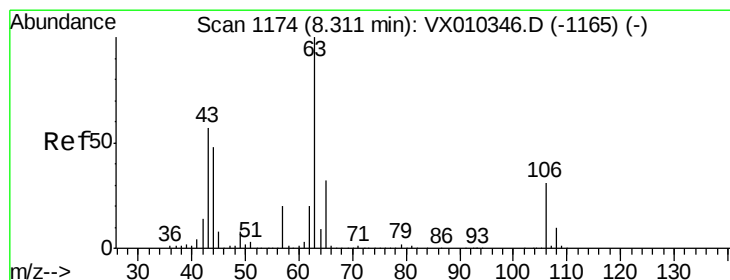
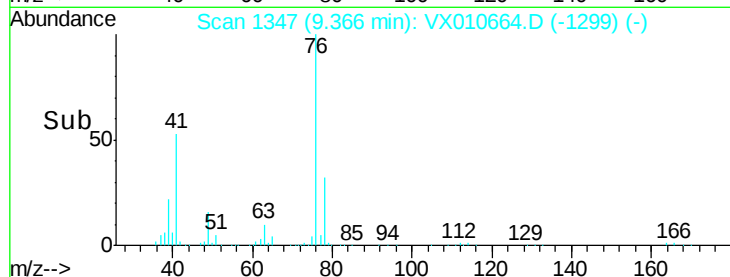
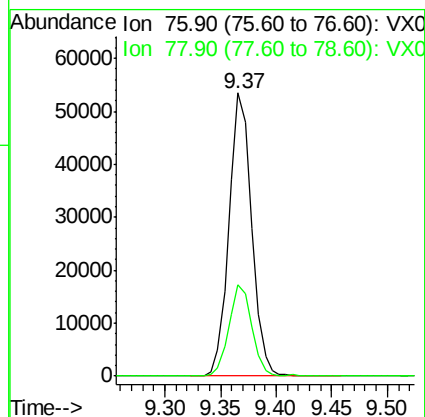
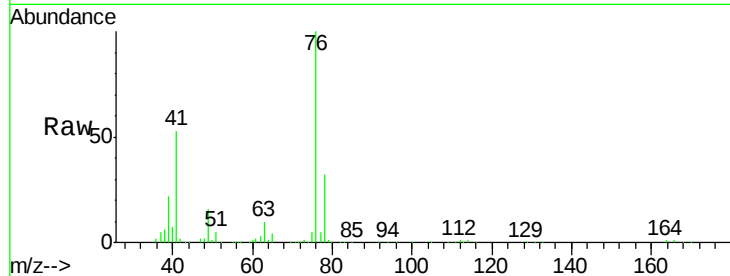
78 32.8 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.772 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010664.D

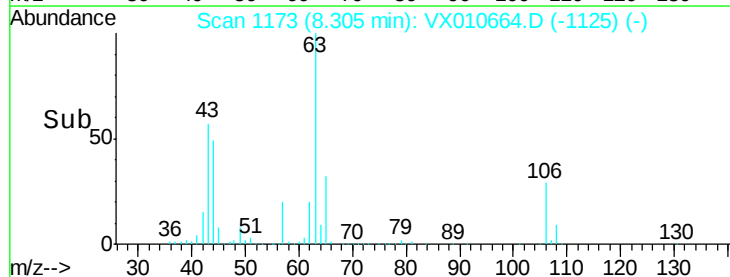
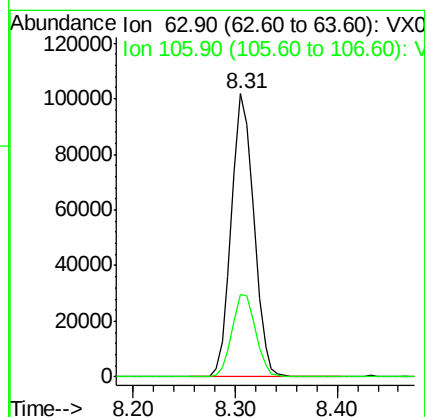
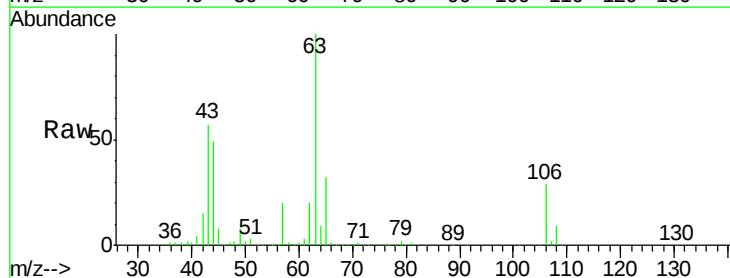
Acq: 04 Jul 2019 03:45

Tgt Ion: 63 Resp: 155653

Ion Ratio Lower Upper

63 100

106 30.5 24.7 37.1





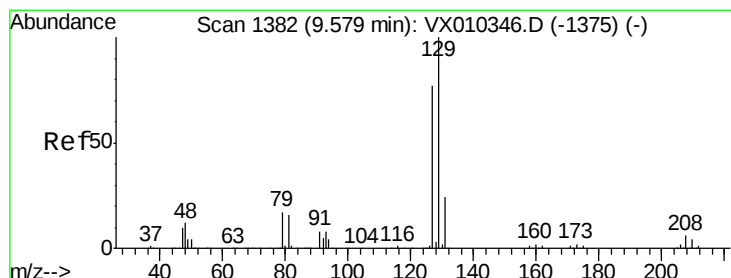
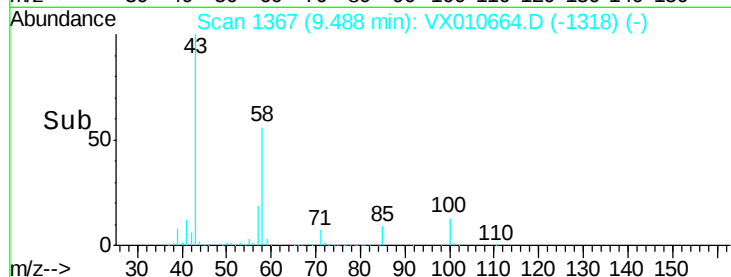
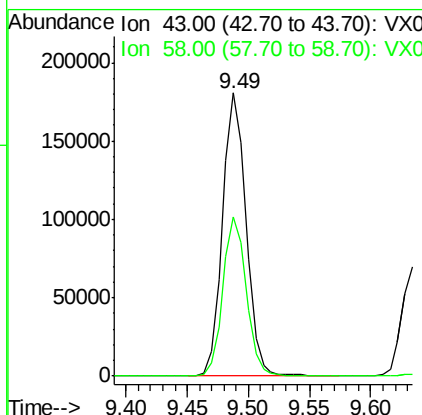
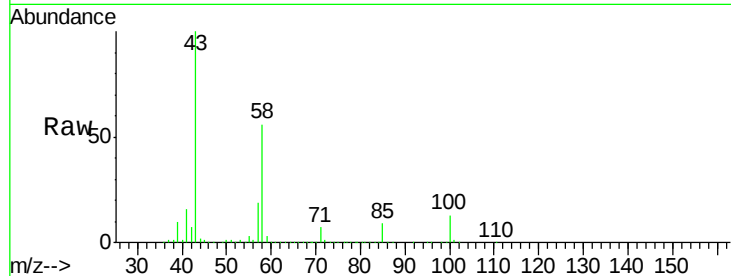
#59
2-Hexanone
Concen: 103.320 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion: 43 Resp: 241365
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.1

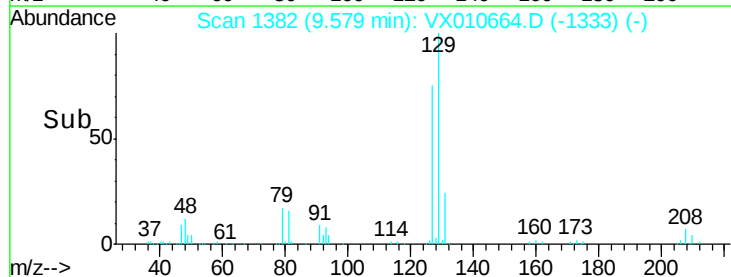
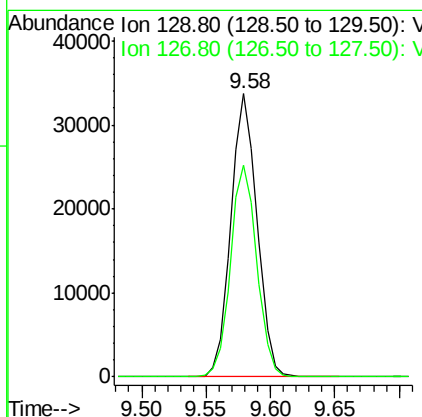
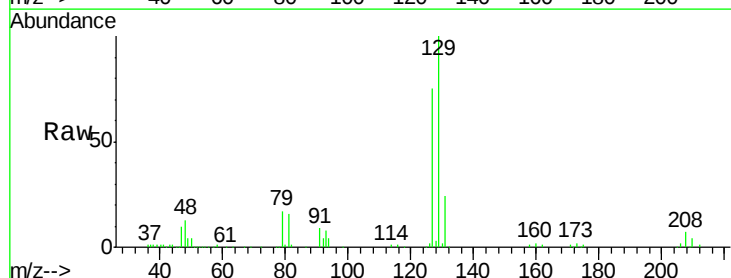
Manual Integrations
APPROVED

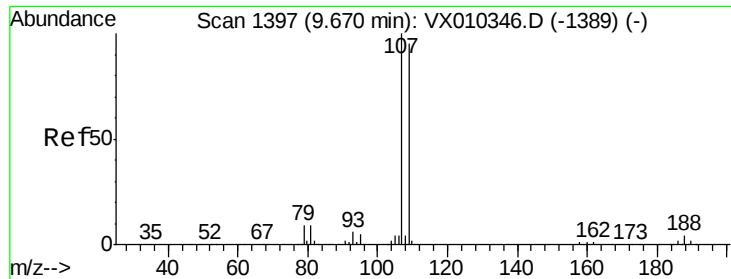
MMDadoda
7/8/2019 10:58:18 AM



#60
Dibromochloromethane
Concen: 18.642 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 129 Resp: 48158
Ion Ratio Lower Upper
129 100
127 74.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.306 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS02

Tot Ion:107 Resp: 50568

Ion Ratio Lower Upper

107 100

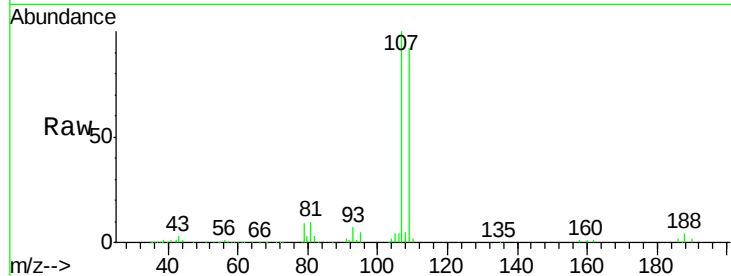
109 94.6 75.8 113.6

Manual Integrations

APPROVED

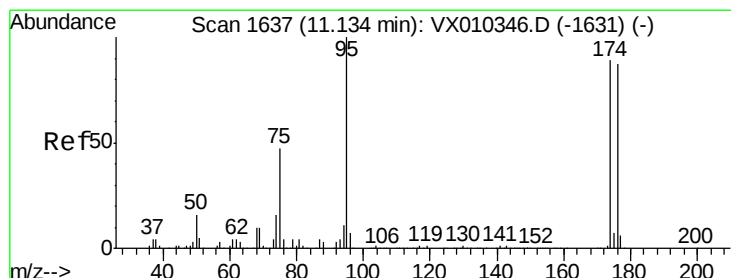
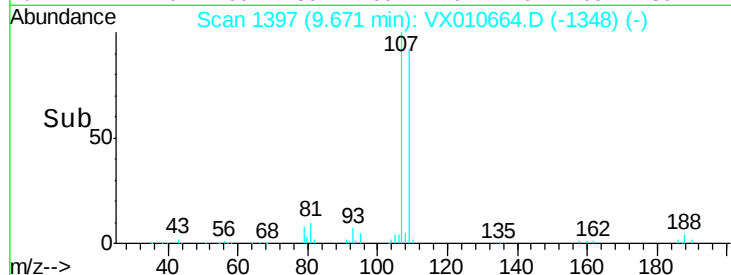
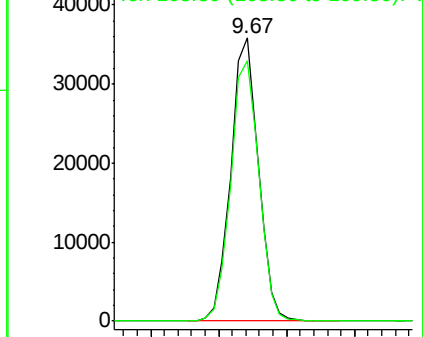
MMDadoda

7/8/2019 10:58:18 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

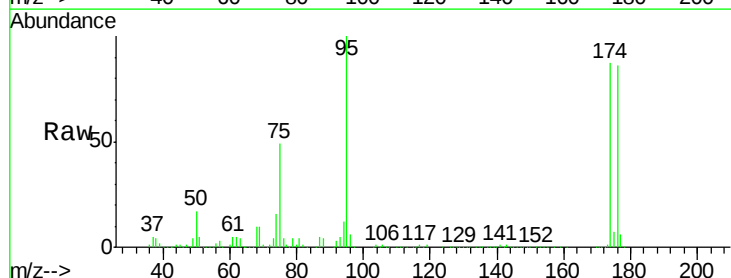
Tgt Ion: 95 Resp: 136202

Ion Ratio Lower Upper

95 100

174 92.1 0.0 187.6

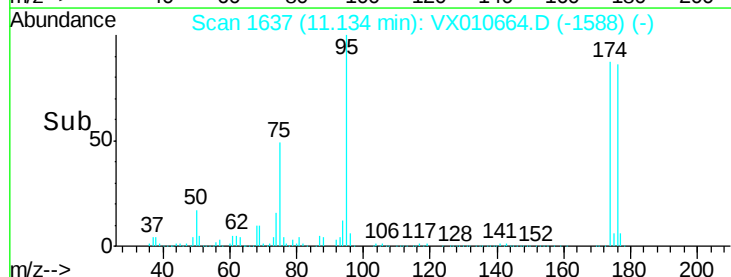
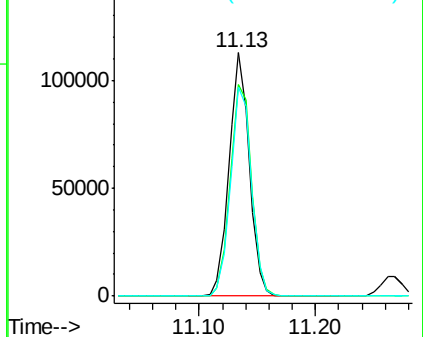
176 89.3 0.0 184.0

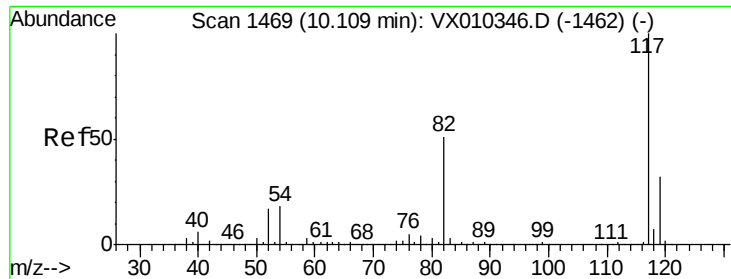


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





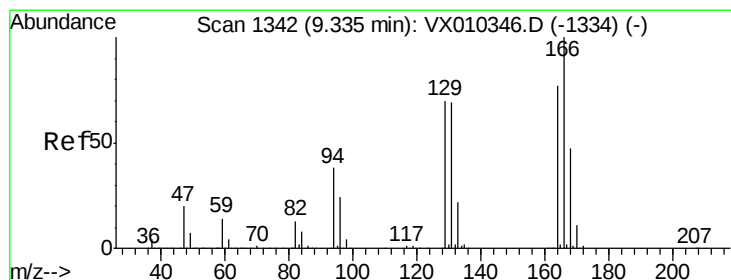
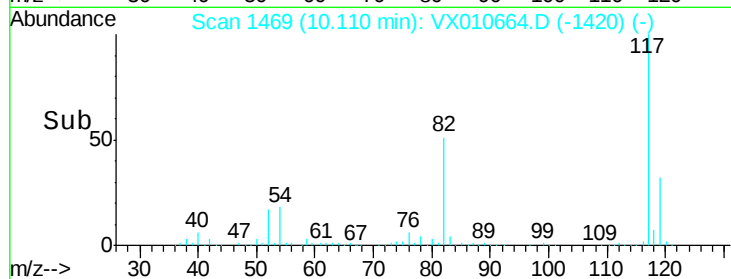
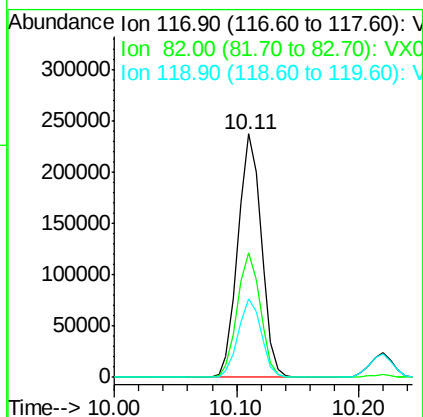
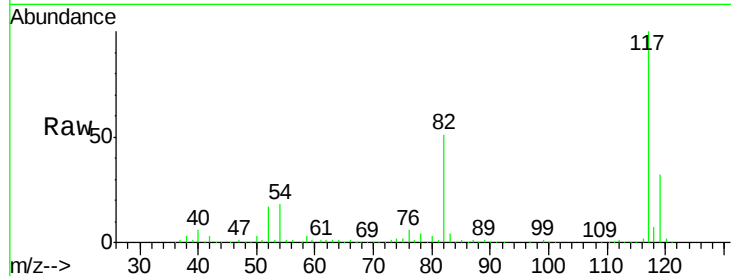
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.2	61.8
119	32.2	25.5	38.3

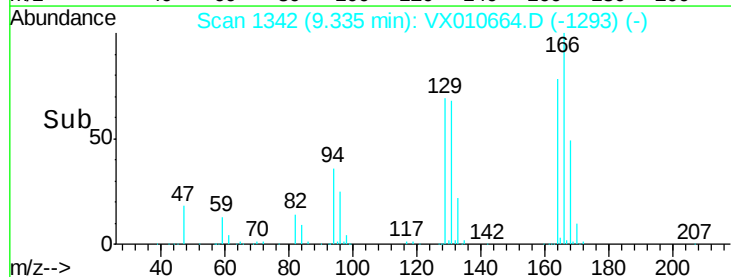
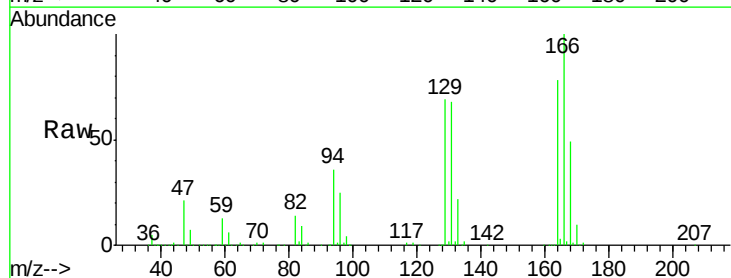
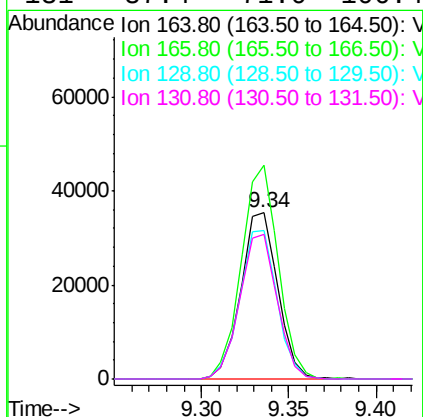
Manual Integrations
APPROVED

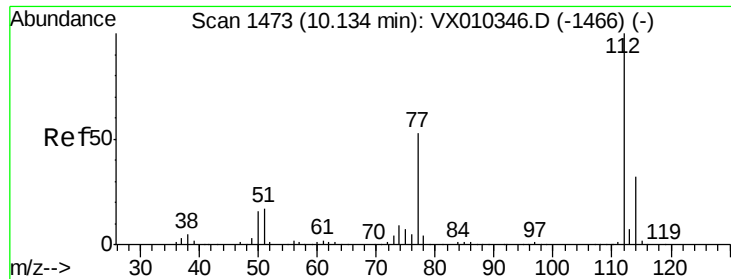
MMDadoda
7/8/2019 10:58:18 AM



#64
Tetrachloroethene
Concen: 20.501 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.6	155.4
129	89.4	73.0	109.4
131	87.4	71.0	106.4





#65

Chlorobenzene

Concen: 20.724 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS02

Tot Ion:112 Resp: 132173

Ion Ratio Lower Upper

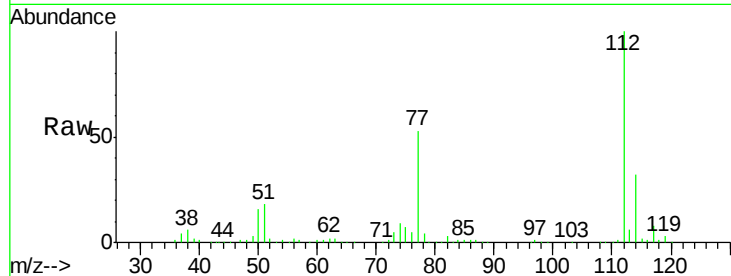
112 100

114 31.7 25.4 38.2

Manual Integrations
APPROVED

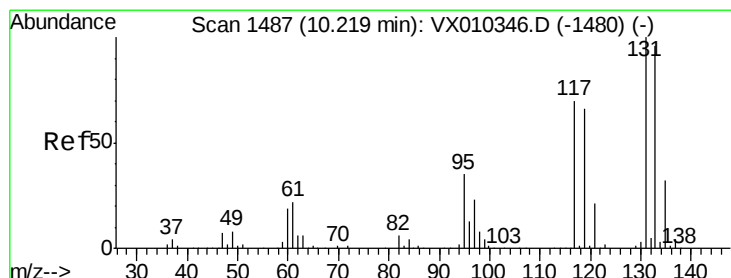
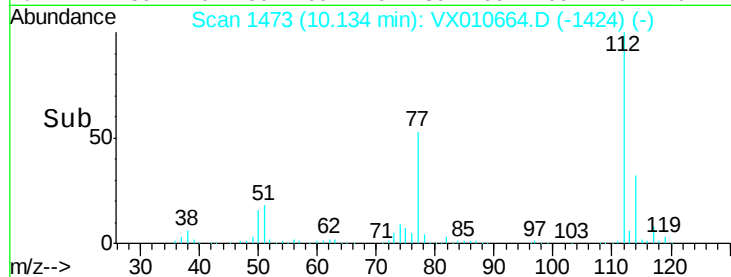
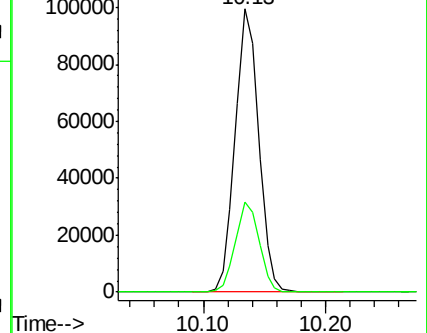
MMDadoda

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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: 19.366 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

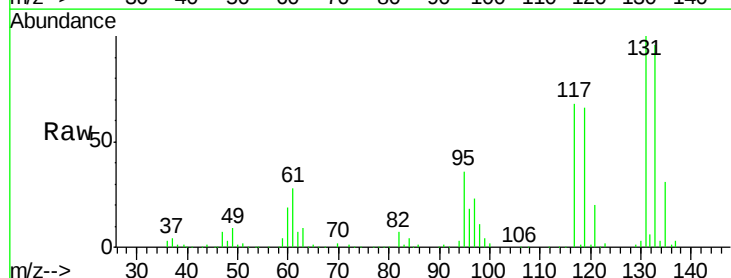
Tgt Ion:131 Resp: 44988

Ion Ratio Lower Upper

131 100

133 98.6 47.7 143.1

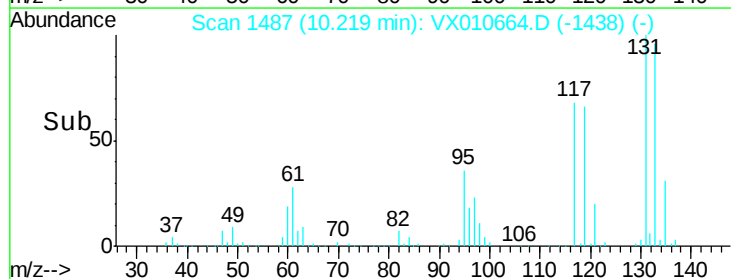
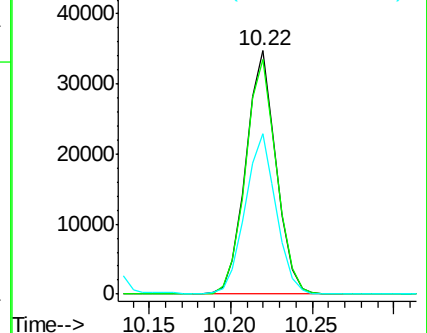
119 67.5 32.6 97.7

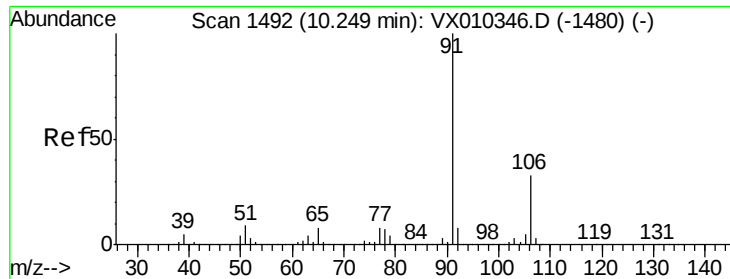


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





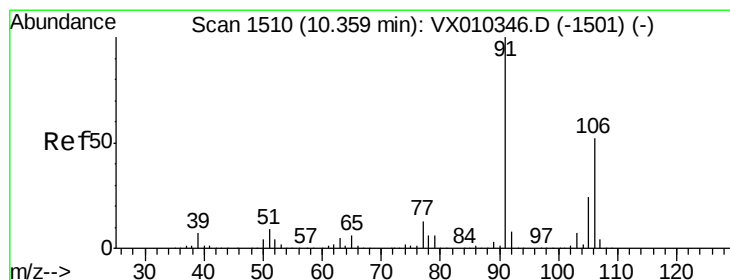
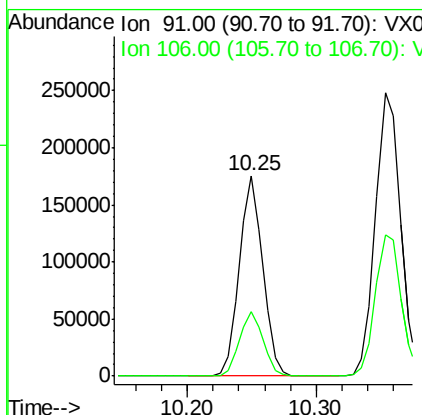
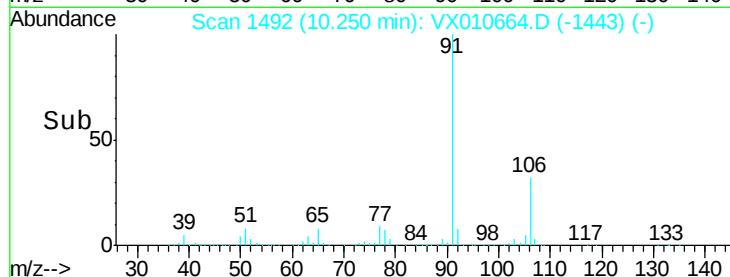
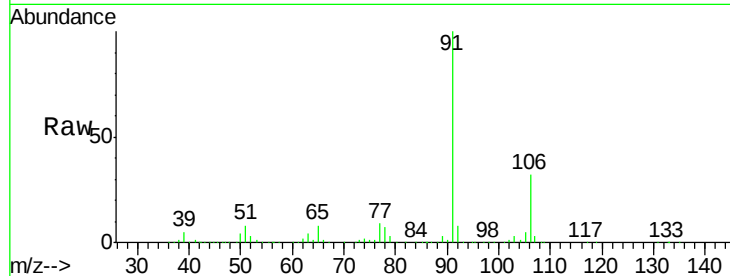
#67
Ethyl Benzene
Concen: 20.630 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion: 91 Resp: 222127
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2

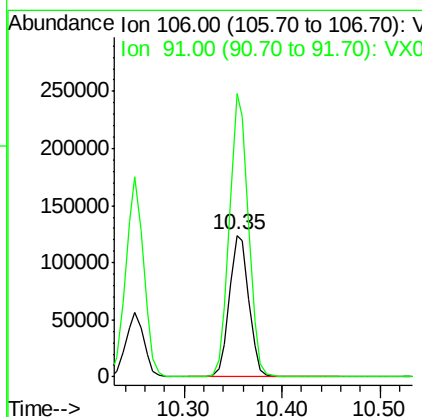
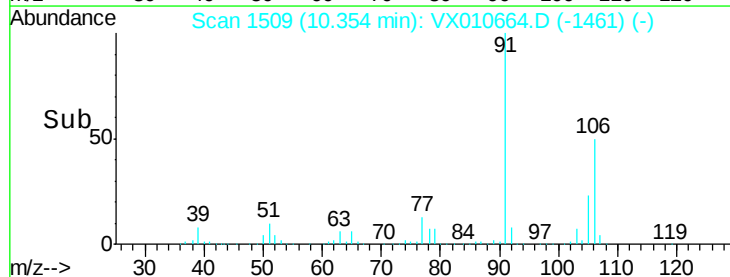
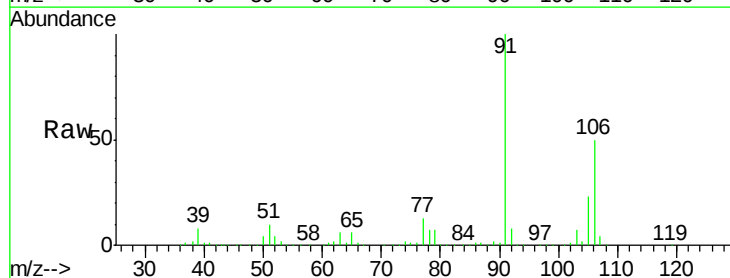
Manual Integrations
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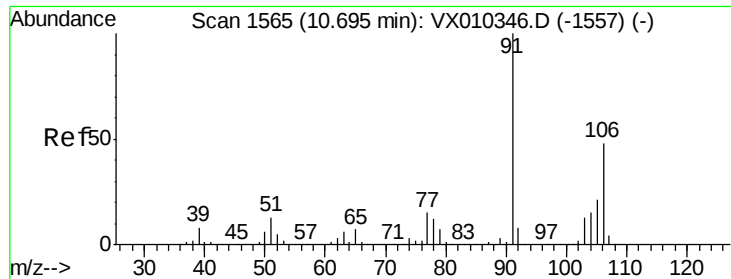
MMDadoda
7/8/2019 10:58:18 AM



#68
m/p-Xylenes
Concen: 41.121 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 106 Resp: 171552
Ion Ratio Lower Upper
106 100
91 194.0 155.3 232.9





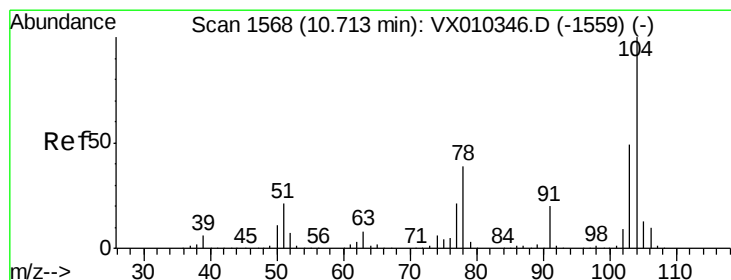
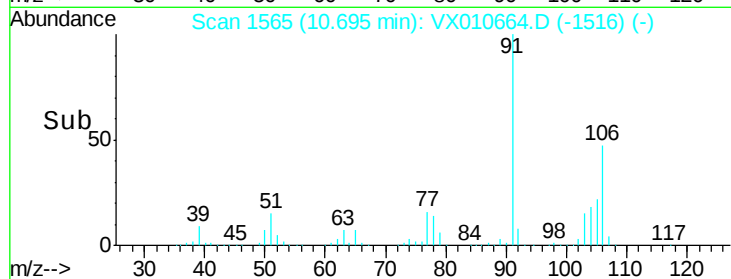
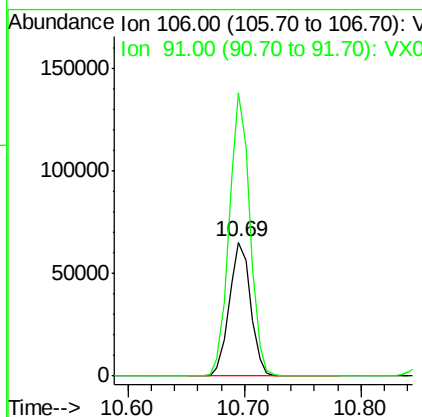
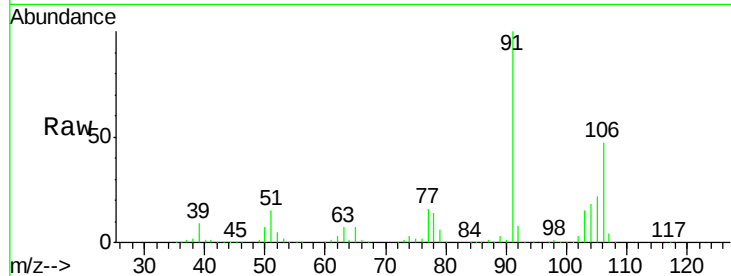
#69
o-Xylene
Concen: 20.372 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion:106 Resp: 83582
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1

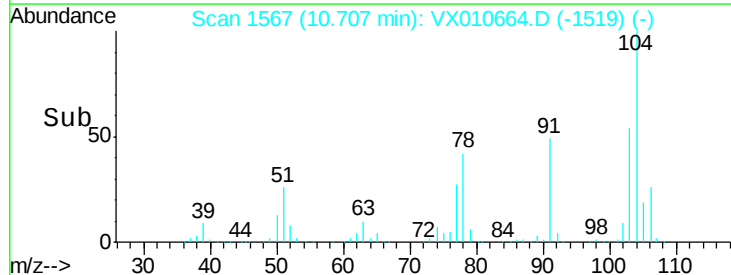
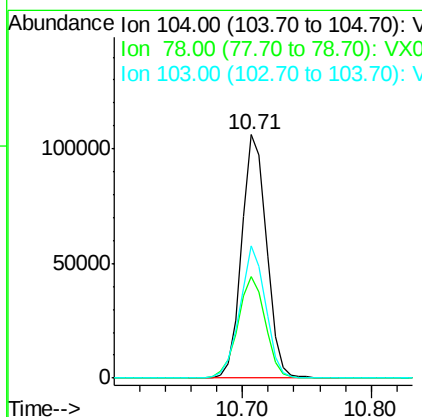
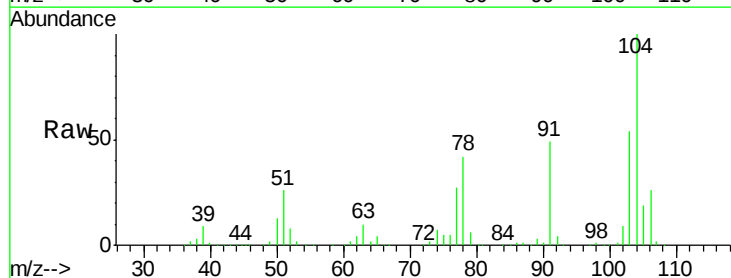
Manual Integrations
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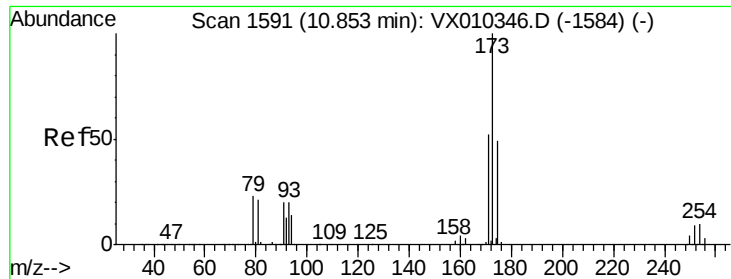
MMDadoda
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#70
Styrene
Concen: 20.551 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:104 Resp: 141397
Ion Ratio Lower Upper
104 100
78 46.5 36.2 54.2
103 56.2 44.2 66.4





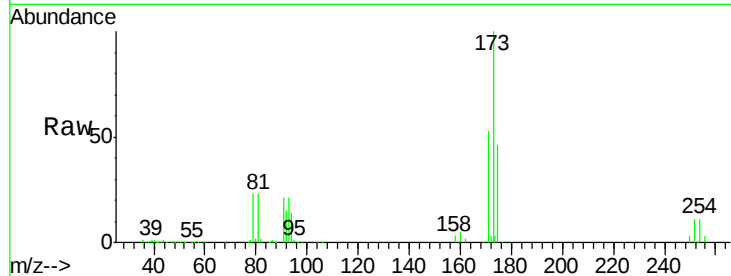
#71
Bromoform
Concen: 17.028 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

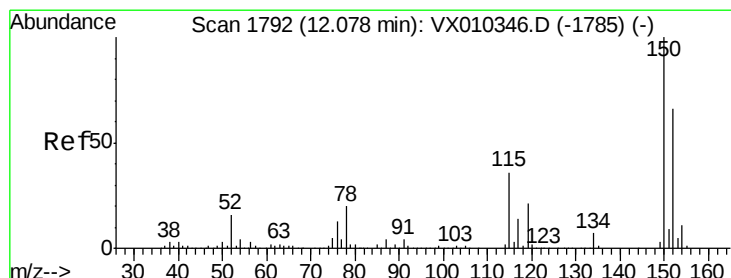
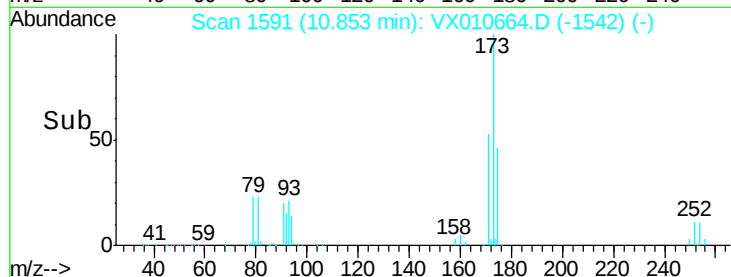
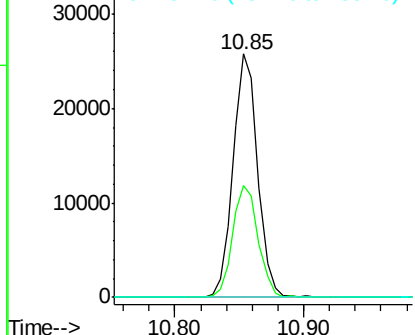
Tot Ion:173 Resp: 34400
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.3
254 0.1 0.2 0.2#

Manual Integrations
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7/8/2019 10:58:18 AM

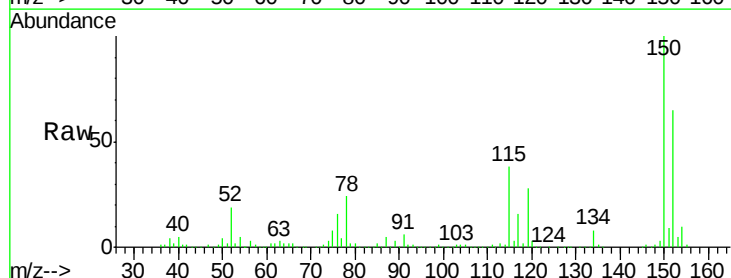


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

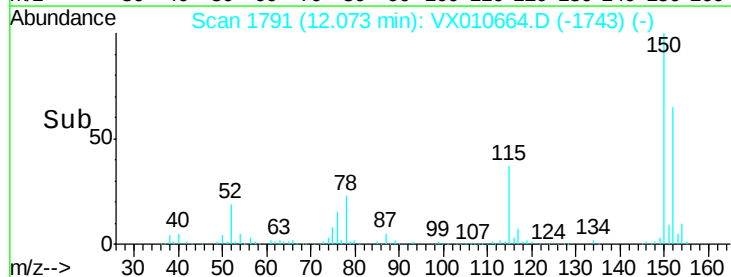
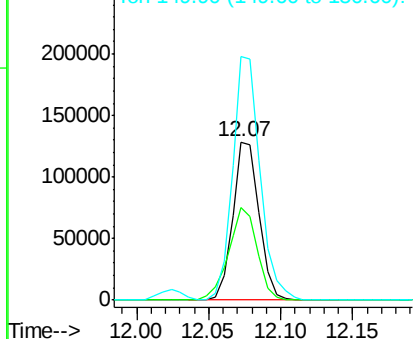


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion:152 Resp: 163841
Ion Ratio Lower Upper
152 100
115 63.3 38.6 115.7
150 160.8 0.0 347.4



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





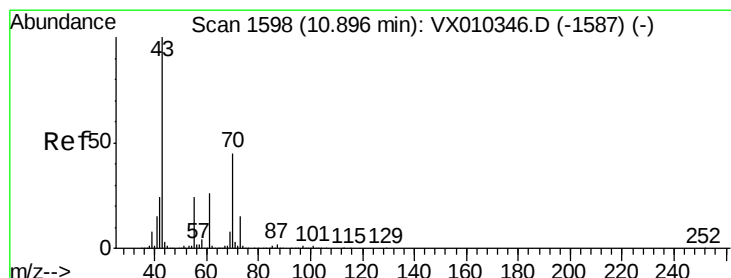
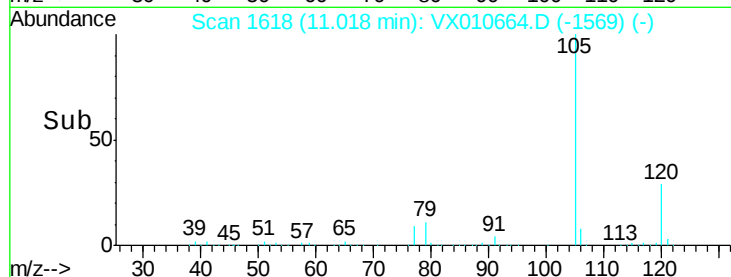
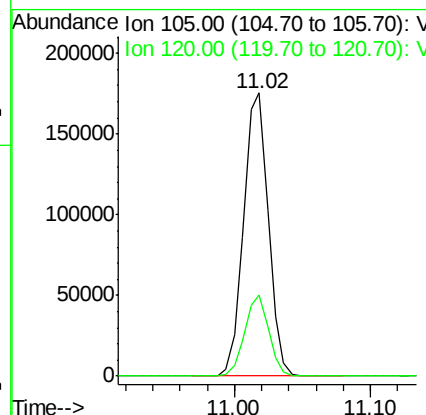
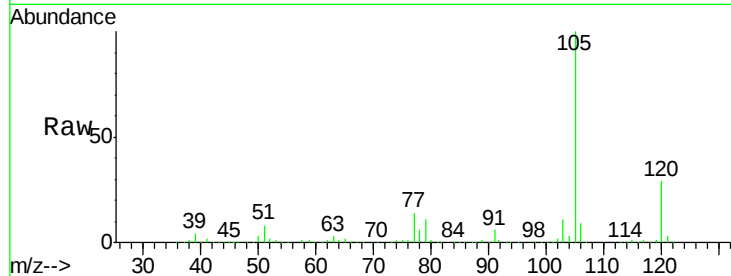
#73
Isopropylbenzene
Concen: 20.019 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	14.1	42.4

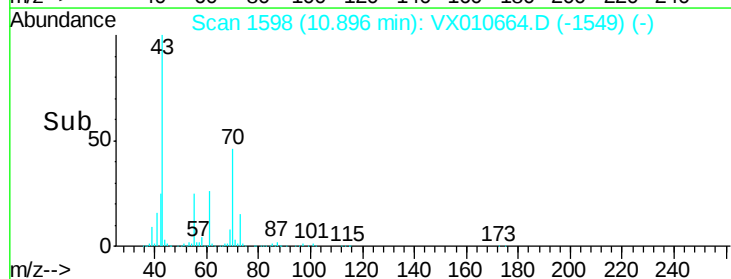
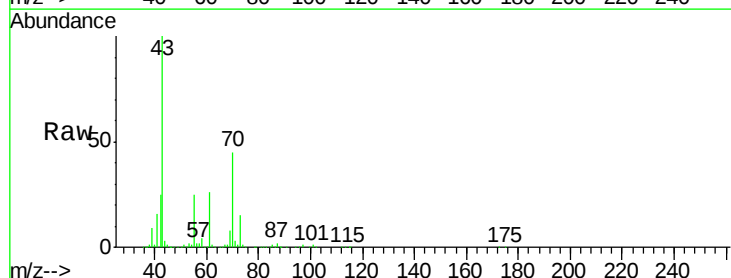
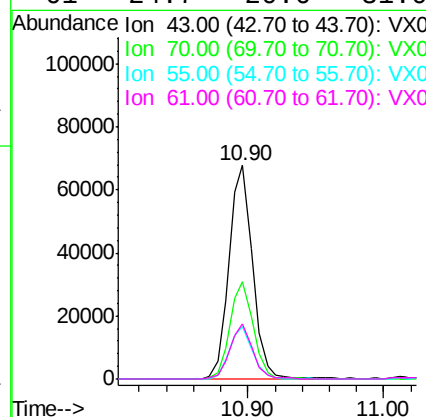
Manual Integrations
APPROVED

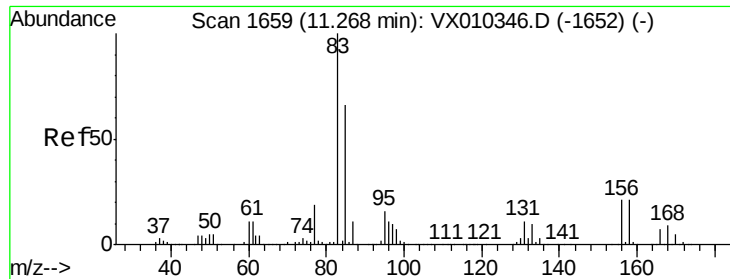
MMDadoda
7/8/2019 10:58:18 AM



#74
N-ethyl acetate
Concen: 19.319 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.3	36.6	54.8
55	24.5	18.7	28.1
61	24.7	20.6	31.0





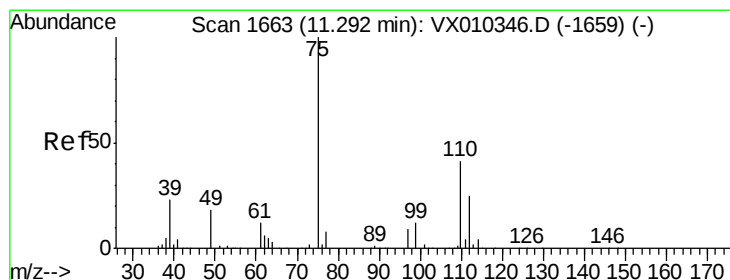
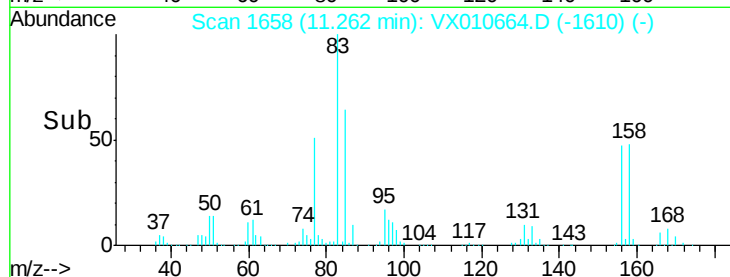
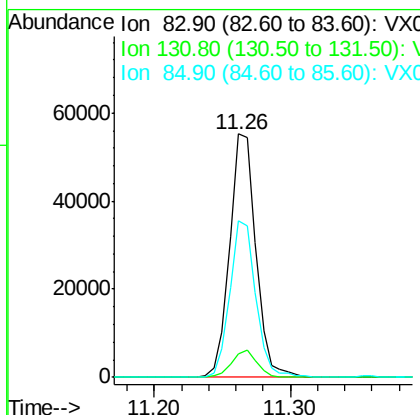
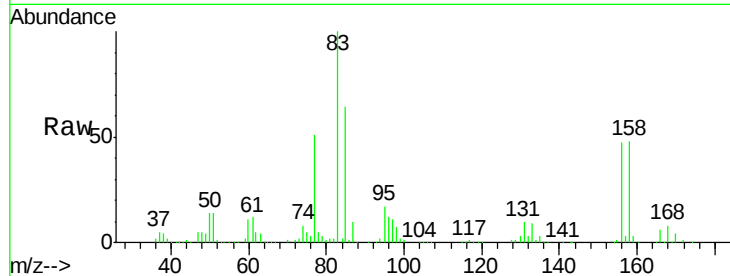
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.150 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion	83	Resp	74114
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.5	16.4
85	64.0	32.3	96.8

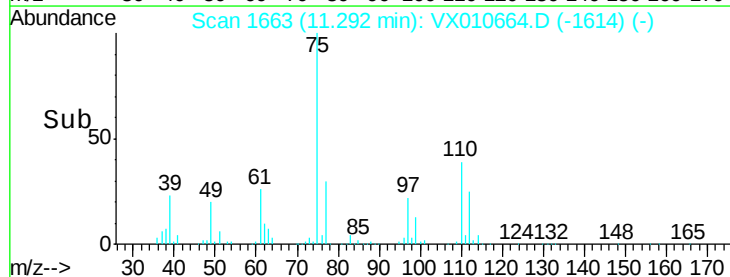
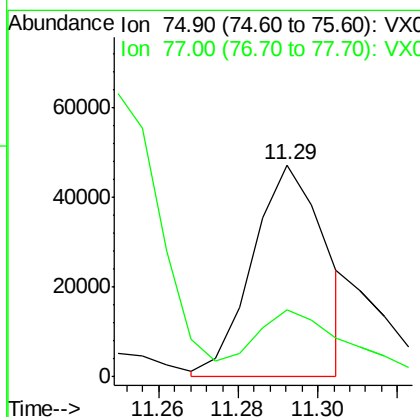
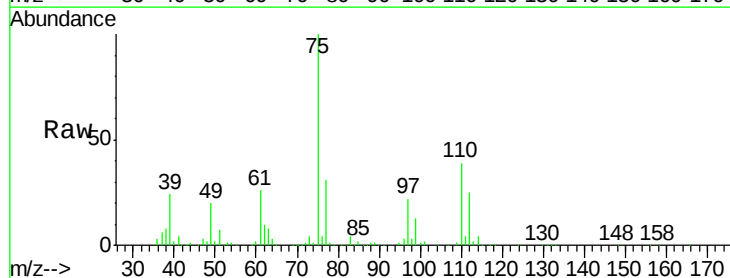
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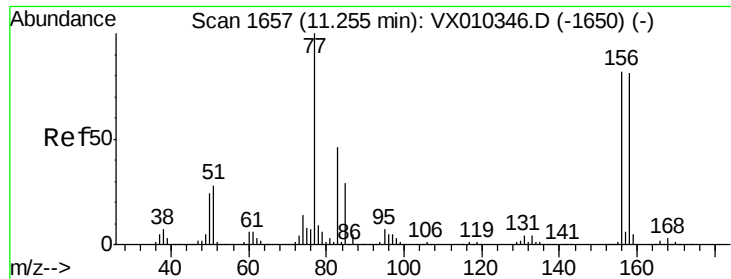
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#76
 1,2,3-Trichloropropane
 Concen: 20.138 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	75	Resp	60125
Ion Ratio	100	Lower	Upper
75	100		
77	40.6	22.6	67.8





#77

Bromobenzene

Concen: 19.493 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

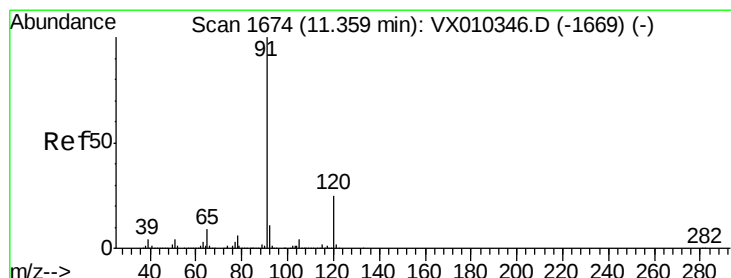
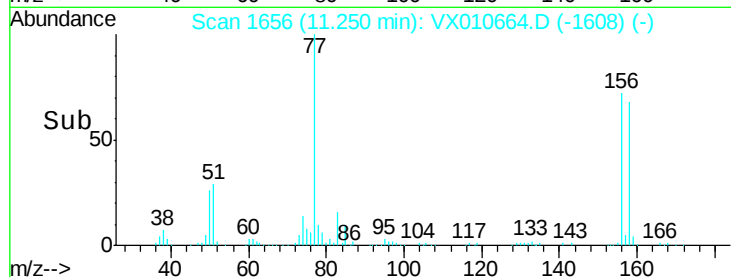
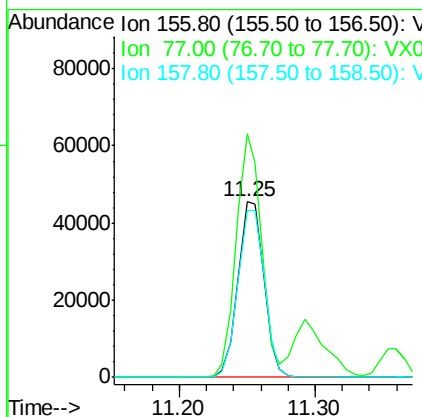
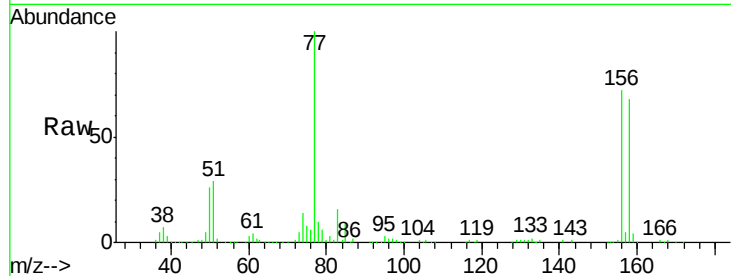
ClientSampleId :

VX0703WBS02

Tot Ion:	156	Resp:	60451
Ion	Ratio	Lower	Upper
156	100		
77	135.1	66.3	198.7
158	97.7	48.9	146.7

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#78

n-propylbenzene

Concen: 20.214 ug/l

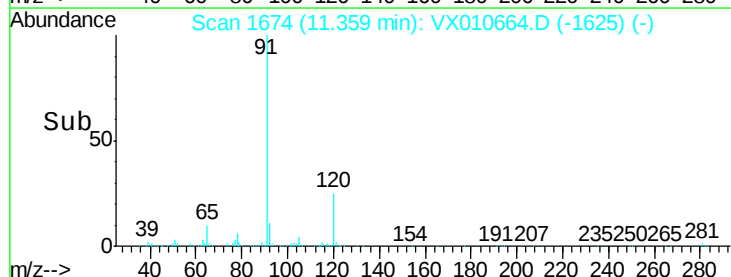
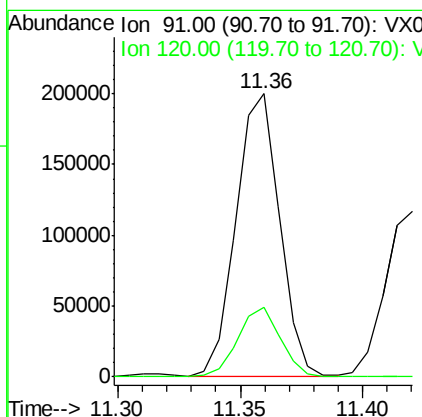
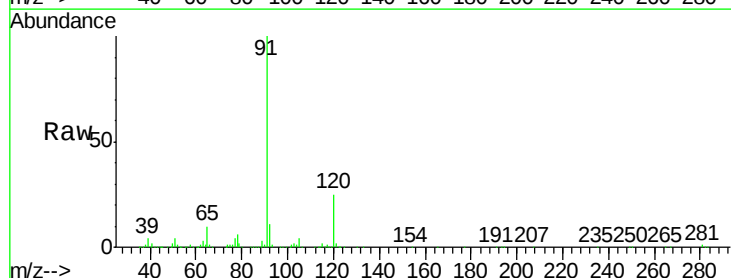
RT: 11.36 min Scan# 1674

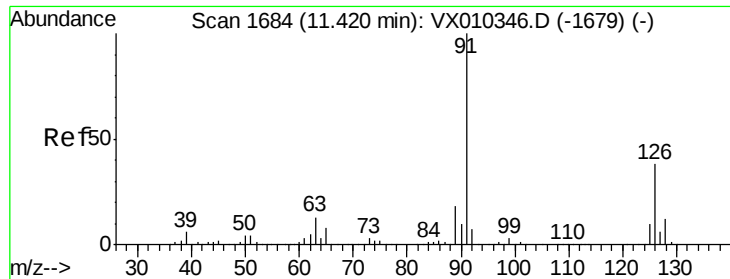
Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion:	91	Resp:	246741
Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.4	37.4





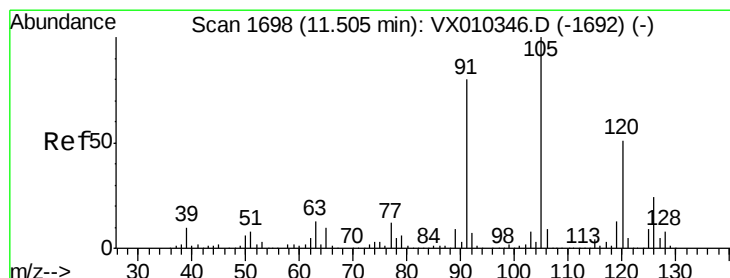
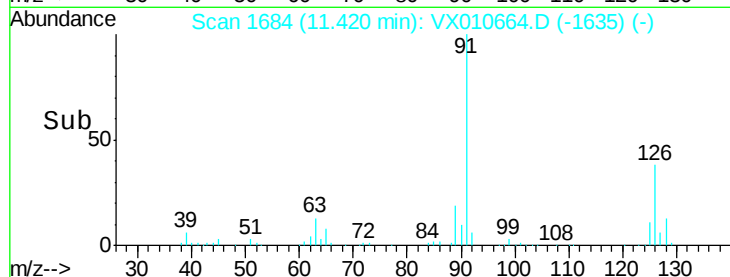
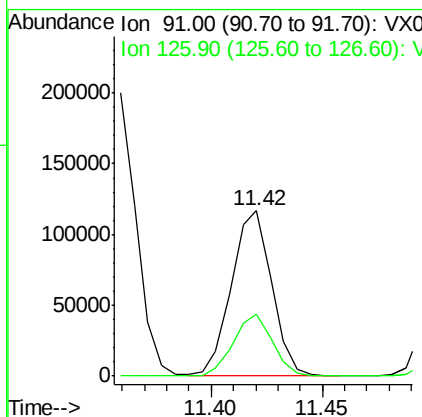
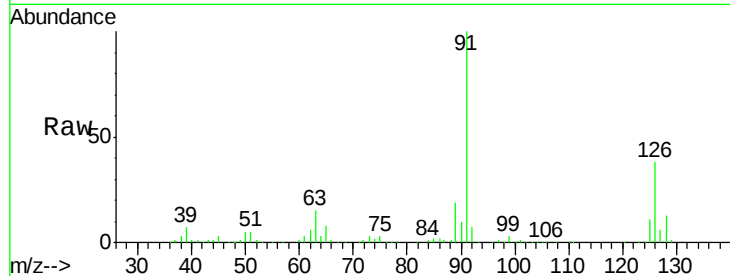
#79
2-Chlorotoluene
Concen: 20.082 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion: 91 Resp: 145969
Ion Ratio Lower Upper
91 100
126 36.8 18.7 56.1

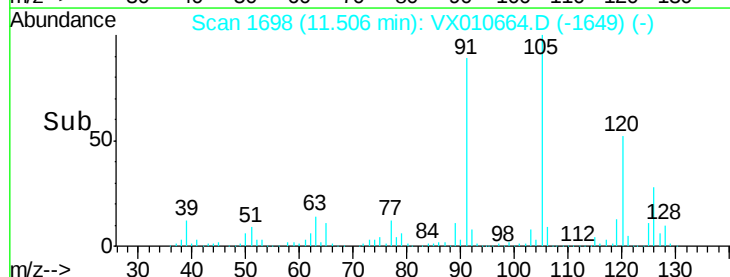
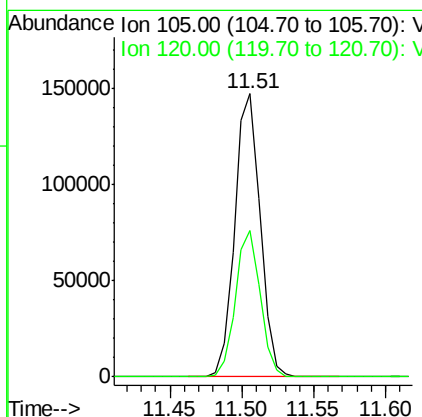
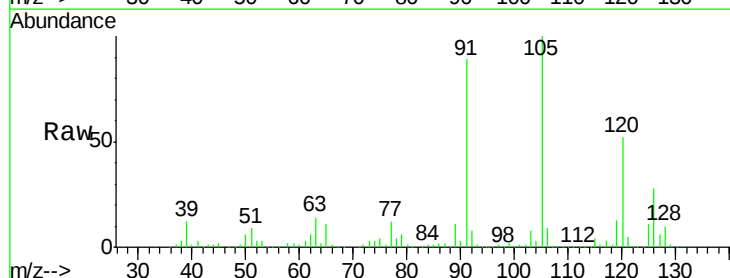
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#80
1,3,5-Trimethylbenzene
Concen: 19.909 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion: 105 Resp: 182286
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.117 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

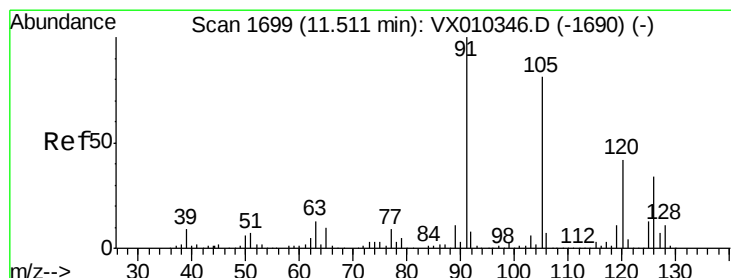
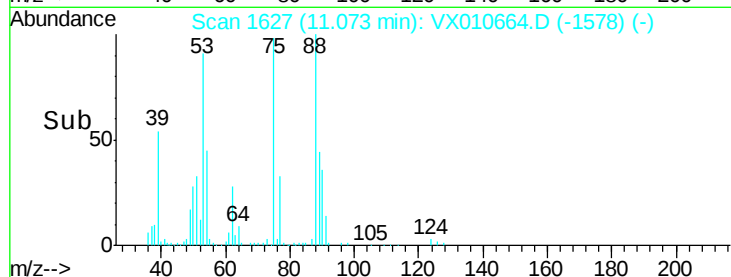
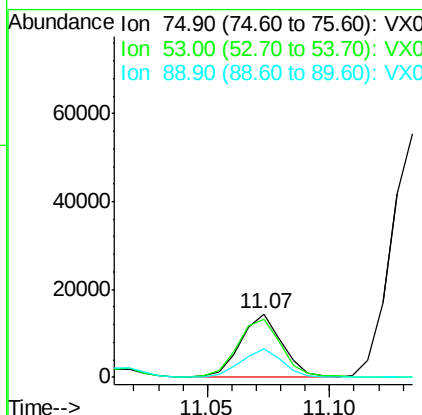
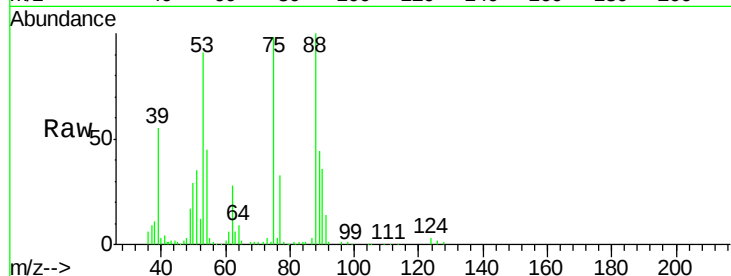
ClientSampled :

VX0703WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	66.1	99.1#
89	46.1	37.8	56.6

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#82

4-Chlorotoluene

Concen: 20.166 ug/l

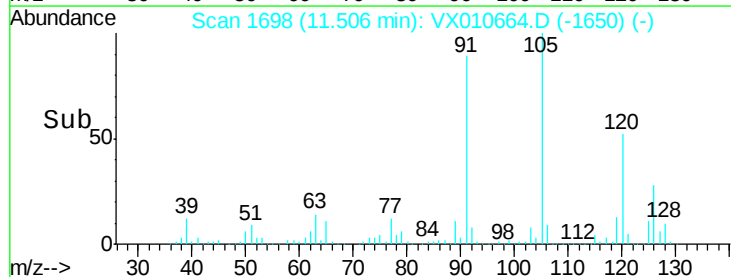
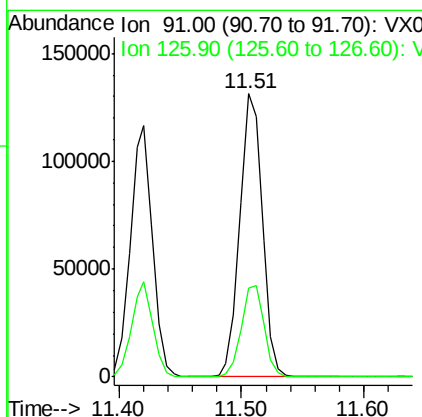
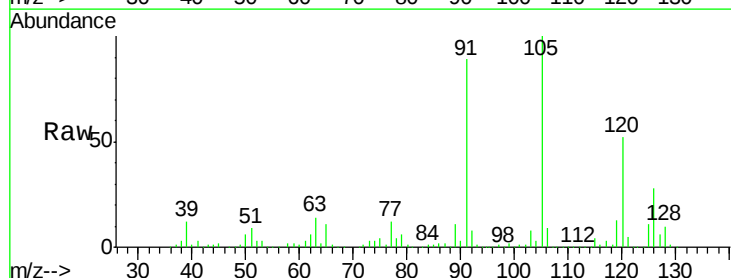
RT: 11.51 min Scan# 1698

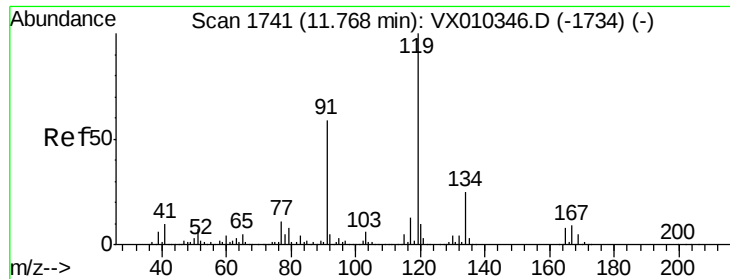
Delta R.T. -0.01 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





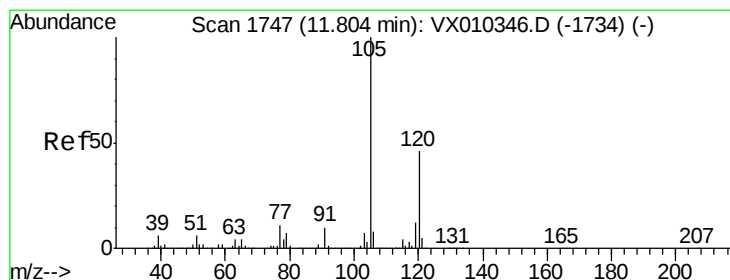
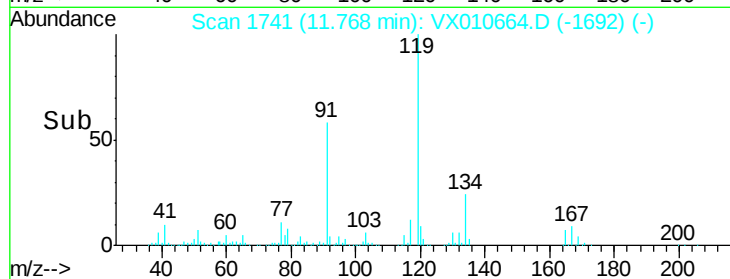
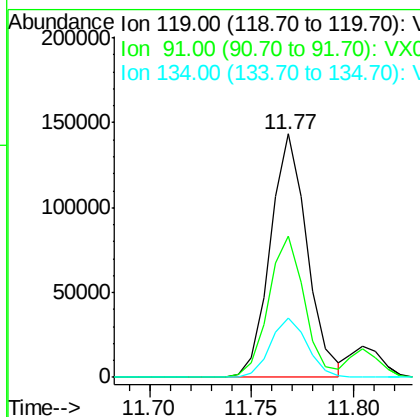
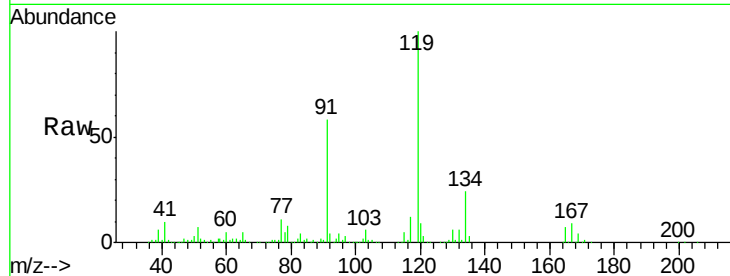
#83
 tert-Butylbenzene
 Concen: 19.699 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	27.6	82.7
134	24.3	11.8	35.4

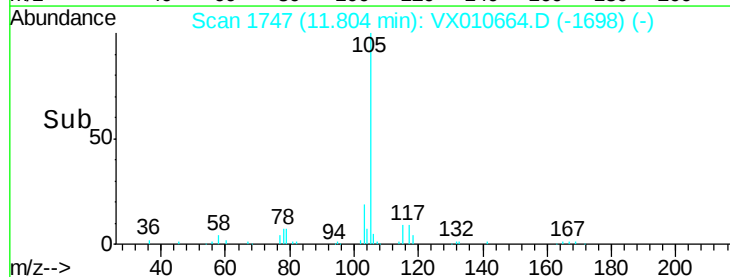
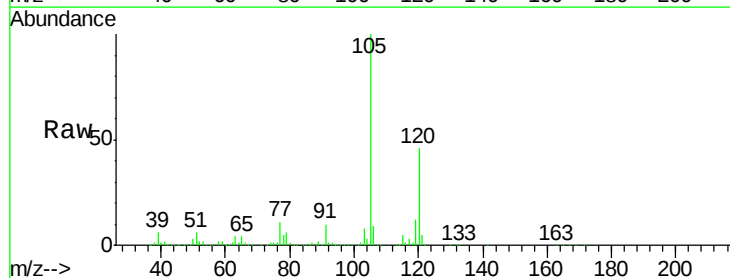
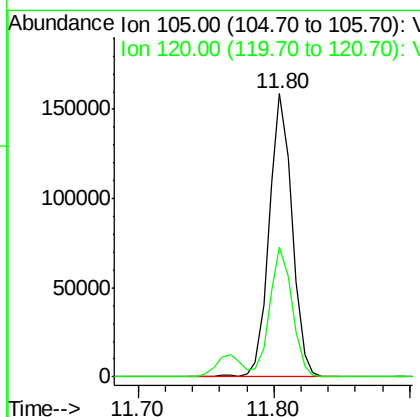
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.399 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.847 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS02

Tot Ion:105 Resp: 214149

Ion Ratio Lower Upper

105 100

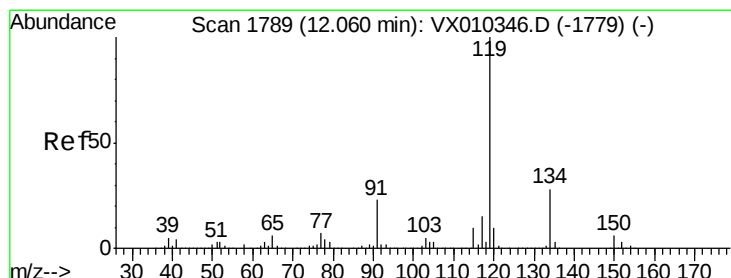
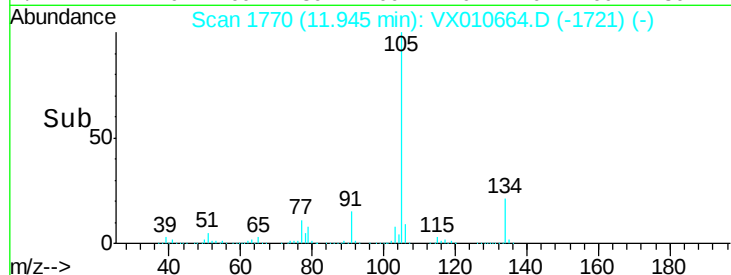
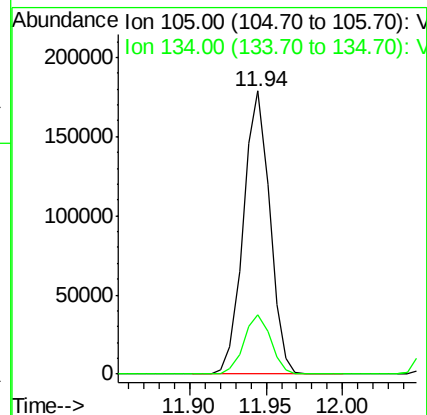
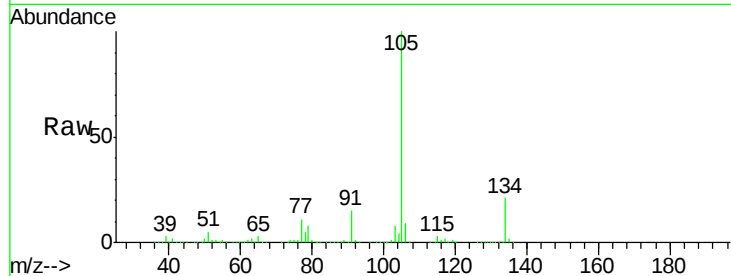
134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010664.D

Acq: 04 Jul 2019 03:45

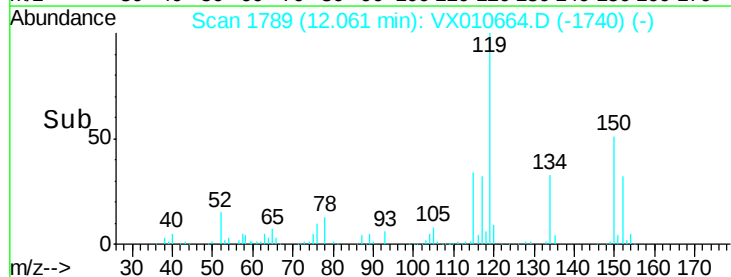
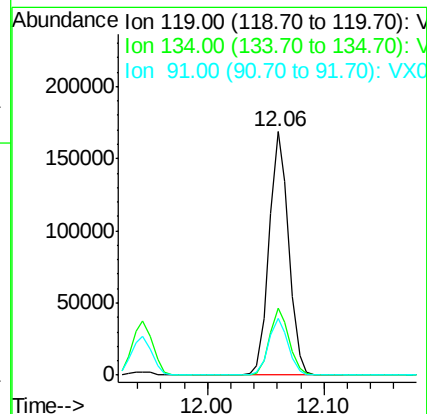
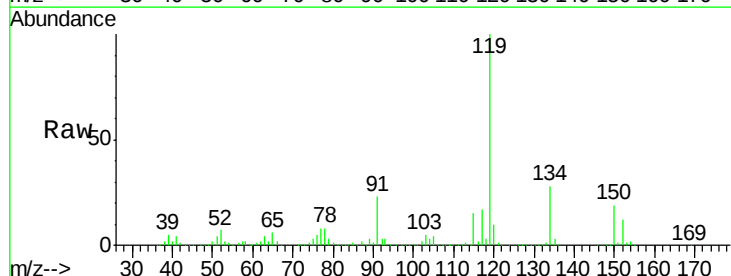
Tgt Ion:119 Resp: 195790

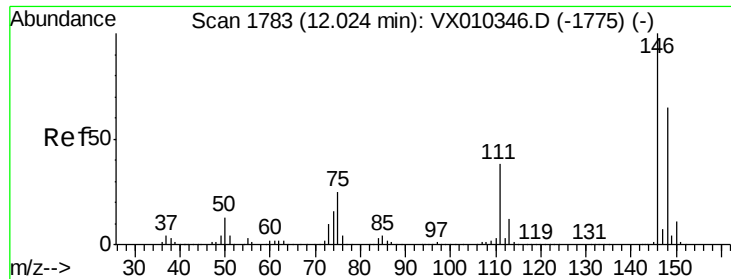
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 23.4 11.3 33.8





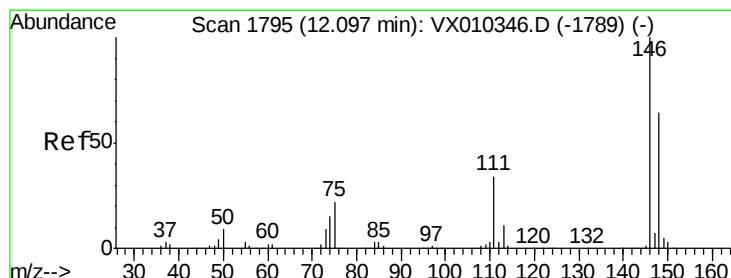
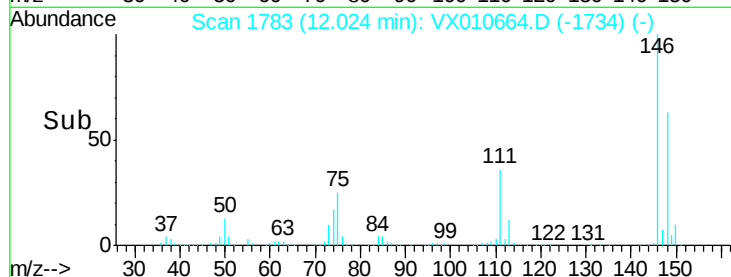
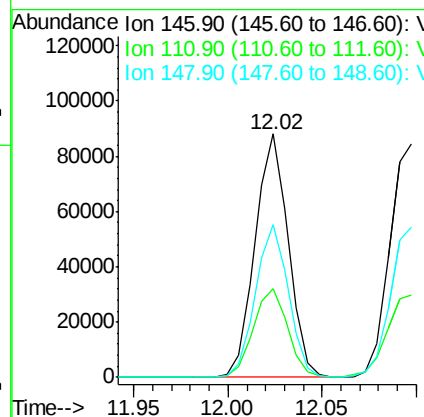
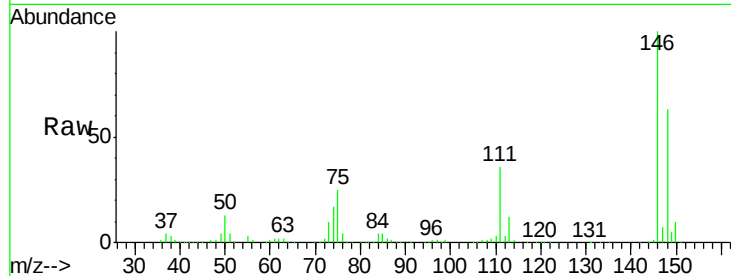
#87
 1,3-Dichlorobenzene
 Concen: 19.854 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	62.6	32.5	97.4

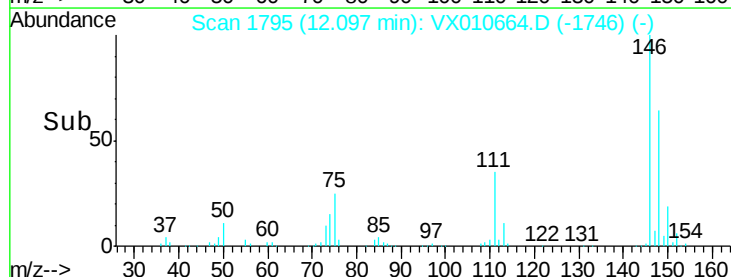
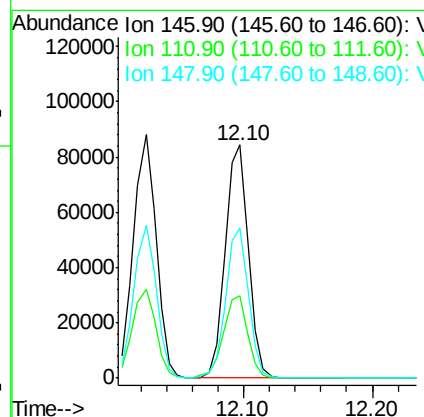
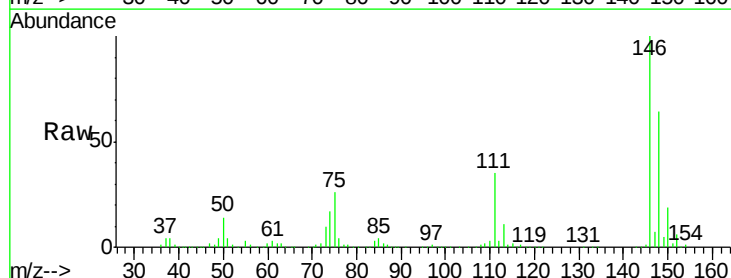
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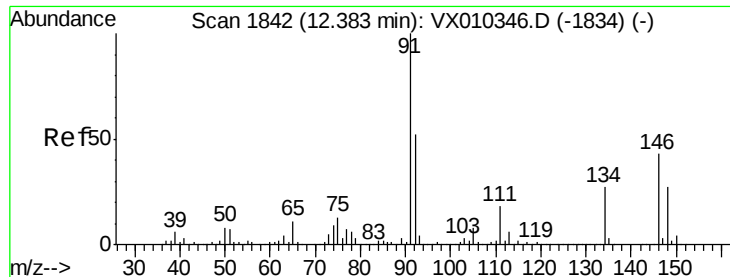
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#88
 1,4-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.3
148	63.6	32.1	96.3





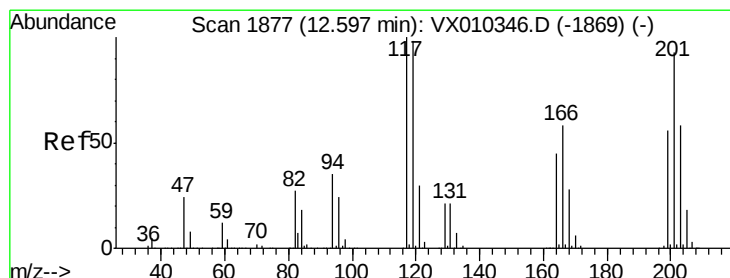
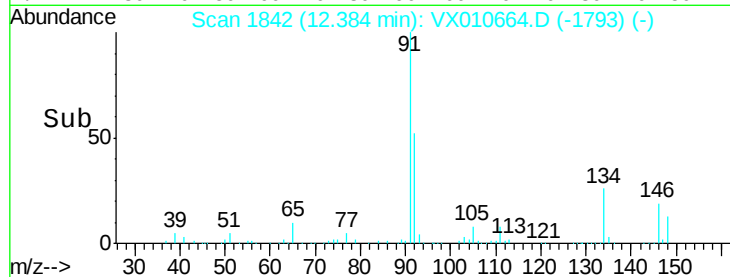
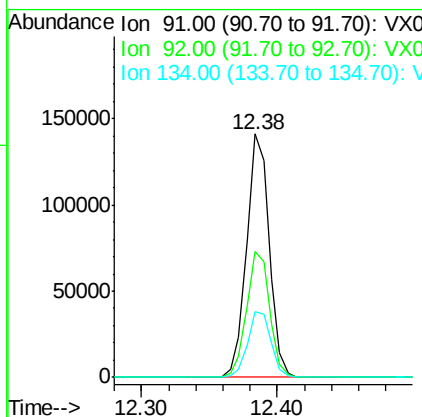
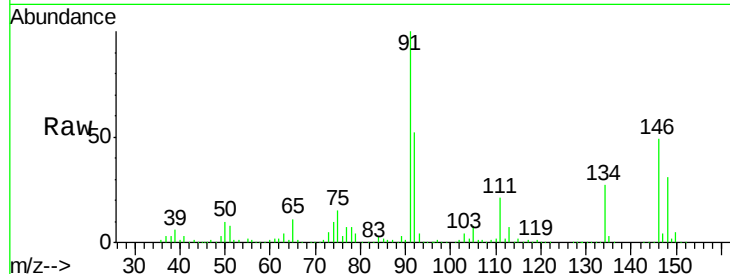
#89
n-Butylbenzene
Concen: 19.401 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	28.0	14.1	42.4

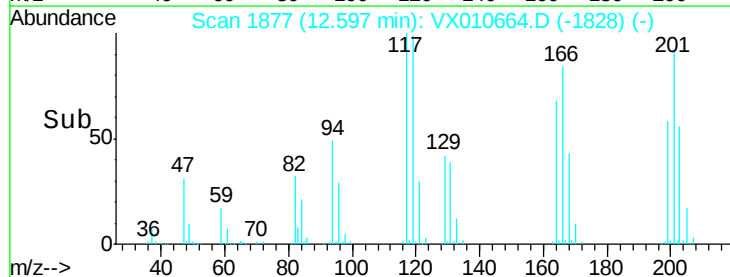
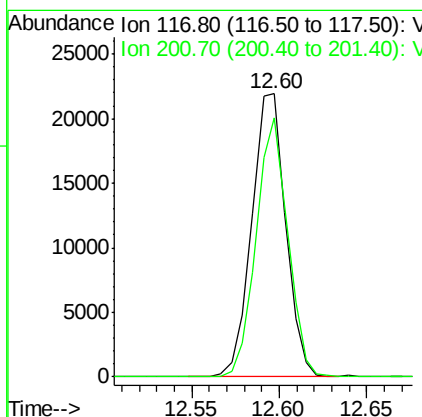
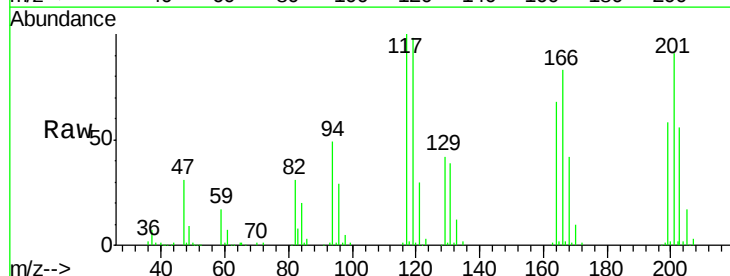
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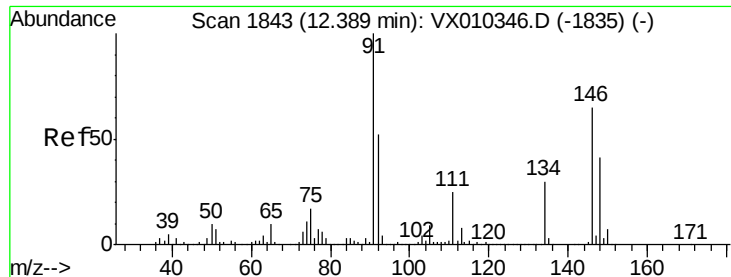
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#90
Hexachloroethane
Concen: 17.204 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	44.0	131.8





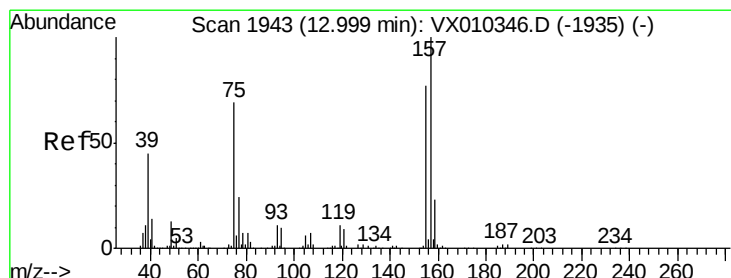
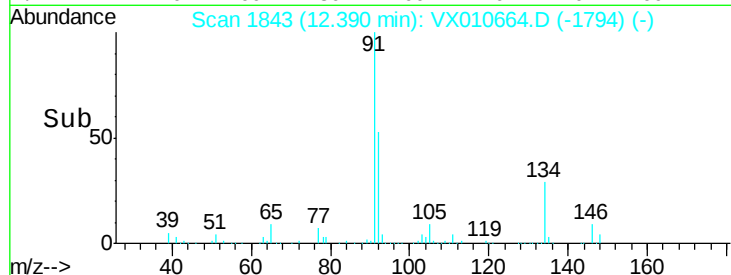
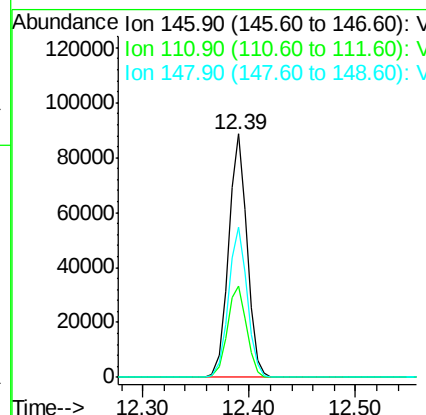
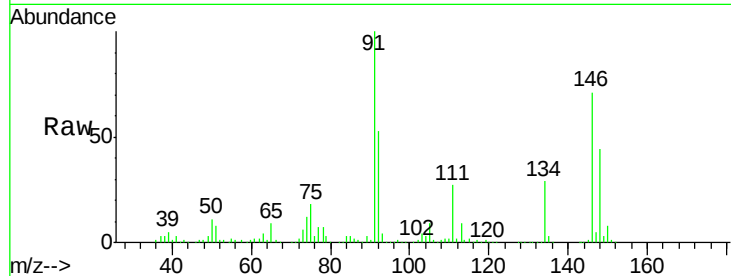
#91
 1,2-Dichlorobenzene
 Concen: 20.008 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX0703WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.1	19.2	57.6	
148	62.7	32.0	96.0	

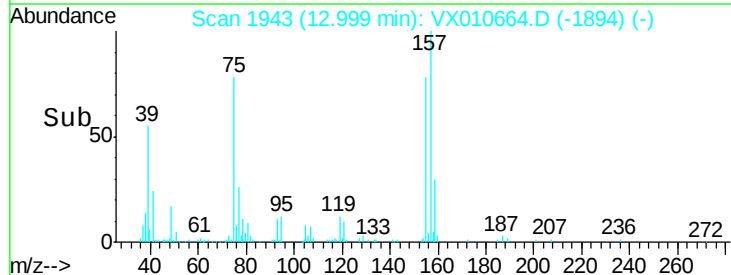
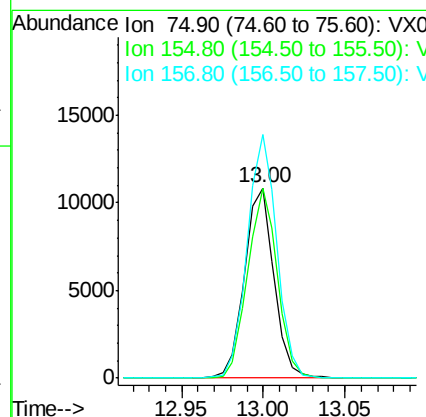
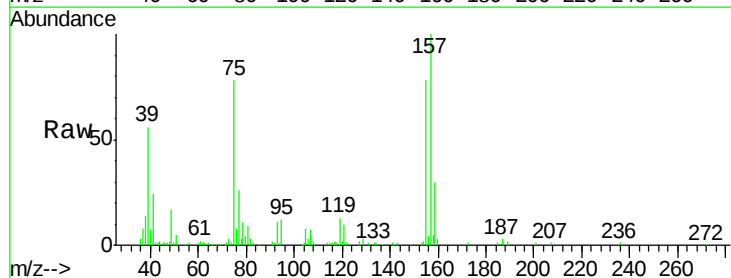
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.224 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	100.0	54.4	163.1	
157	127.9	69.5	208.3	





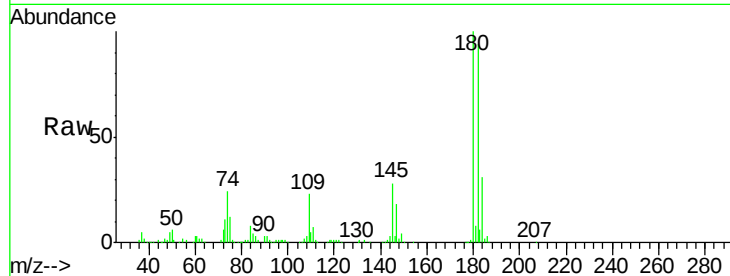
#93
 1,2,4-Trichlorobenzene
 Concen: 19.102 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.0	144.0
145	28.6	14.4	43.4

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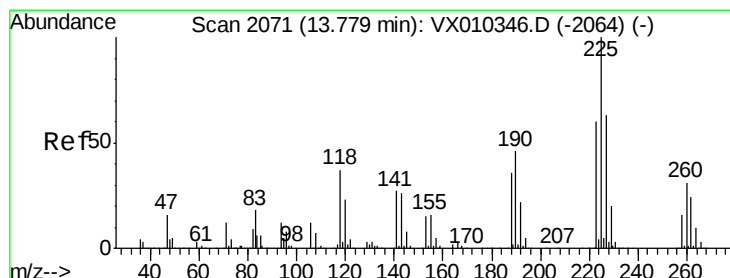
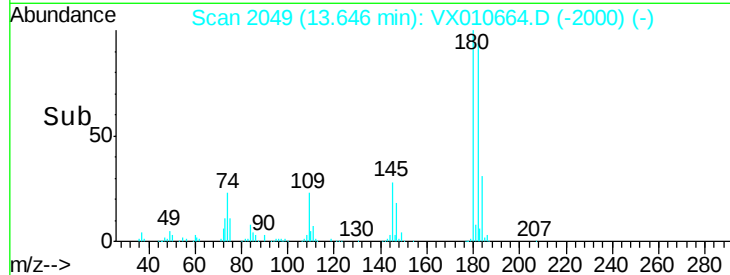
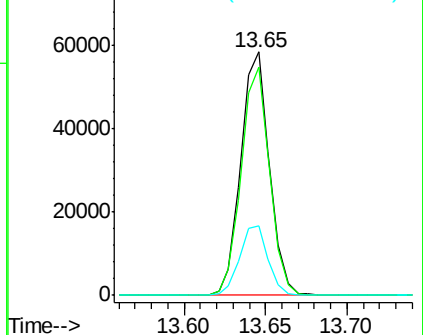


Abundance

Ion 179.80 (179.50 to 180.50): V

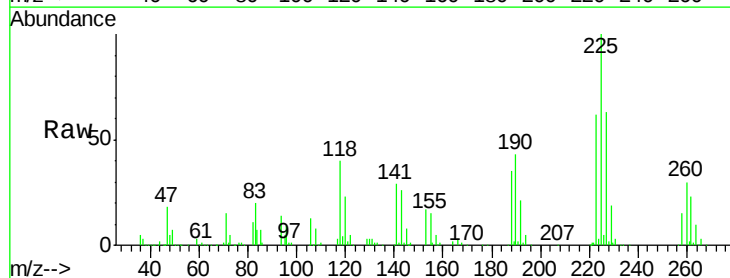
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.782 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010664.D
 Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.7
227	63.8	31.9	95.5

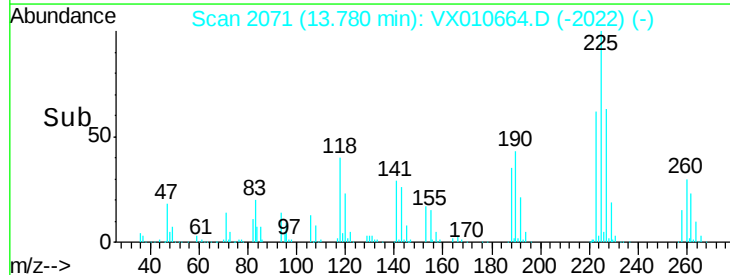
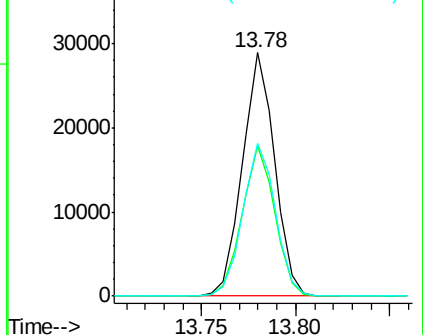


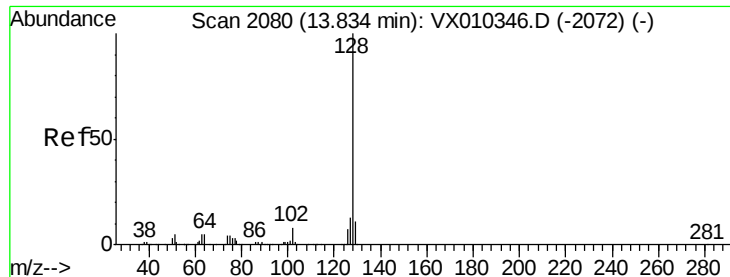
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





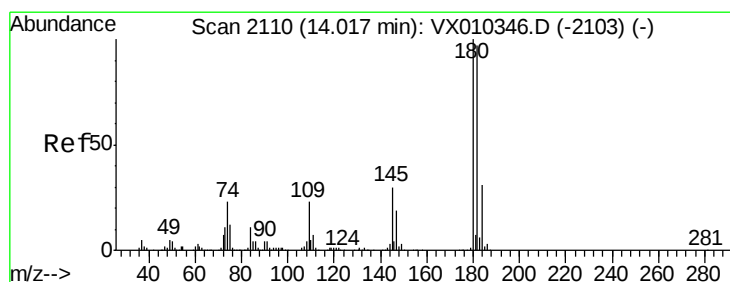
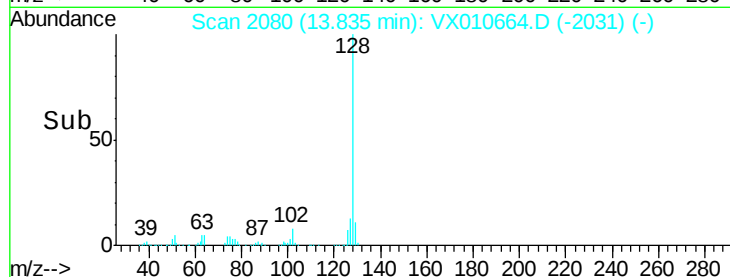
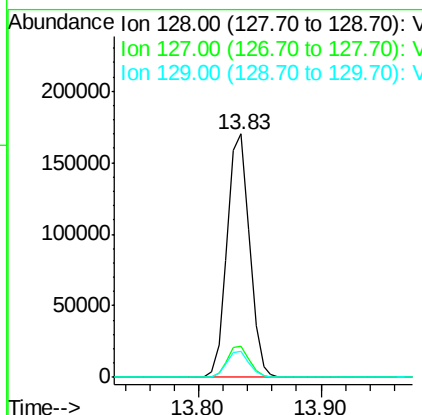
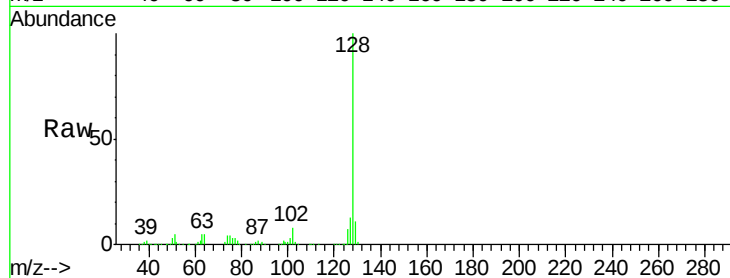
#95
Naphthalene
Concen: 18.749 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.590 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010664.D
Acq: 04 Jul 2019 03:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	30.6	15.2	45.6

