

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009398.D
 Acq On : 08 May 2019 15:10
 Operator : JC/SP
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:37 AM

Quant Time: May 09 06:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109978	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	
35) Dibromofluoromethane	5.49	113	81760	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	8.71	98	327033	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.13	95	117334	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29842	19.105	ug/l	99
3) Chloromethane	1.32	50	44340	20.792	ug/l	99
4) Vinyl Chloride	1.40	62	44206	21.258	ug/l	98
5) Bromomethane	1.64	94	24534	19.657	ug/l	96
6) Chloroethane	1.72	64	28797	21.569	ug/l	98
7) Trichlorofluoromethane	1.93	101	54488	21.556	ug/l	96
8) Diethyl Ether	2.19	74	25109	20.971	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32928	20.744	ug/l	99
10) Methyl Iodide	2.51	142	28180	18.470	ug/l	99
11) Tert butyl alcohol	3.05	59	58484	109.191	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34040	21.403	ug/l	94
13) Acrolein	2.29	56	42626	87.876	ug/l	99
14) Allyl chloride	2.73	41	79394	20.484	ug/l	99
15) Acrylonitrile	3.14	53	138210	105.535	ug/l	99
16) Acetone	2.45	43	136303	109.703	ug/l	99
17) Carbon Disulfide	2.57	76	98338	22.023	ug/l	98
18) Methyl Acetate	2.78	43	57804	19.562	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	128403	20.791	ug/l	99
20) Methylene Chloride	2.85	84	41233	20.496	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35980	20.860	ug/l	99
22) Diisopropyl ether	3.86	45	155031	20.799	ug/l	95
23) Vinyl Acetate	3.81	43	701551	109.914	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75512	20.536	ug/l	100
25) 2-Butanone	4.67	43	212160	109.884	ug/l	100
26) 2,2-Dichloropropane	4.58	77	56015	20.466	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	42619	20.701	ug/l	100
28) Bromochloromethane	5.01	49	27939	17.070	ug/l	99
29) Tetrahydrofuran	5.13	42	136114	109.554	ug/l	100
30) Chloroform	5.21	83	70376	21.162	ug/l	97
31) Cyclohexane	5.58	56	73372	21.448	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	57776	20.870	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52529	20.873	ug/l	99
37) Ethyl Acetate	4.84	43	79090	22.556	ug/l	98
38) Carbon Tetrachloride	5.79	117	47604	20.820	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65826	21.299	ug/l	97
40) Benzene	6.14	78	165901	21.301	ug/l	99
41) Methacrylonitrile	5.04	41	42885	20.547	ug/l	99
42) 1,2-Dichloroethane	6.20	62	59450	21.279	ug/l	99
43) Isopropyl Acetate	6.45	43	120594	21.502	ug/l	100
44) Trichloroethene	7.21	130	39494	20.976	ug/l	96
45) 1,2-Dichloropropane	7.51	63	46343	21.014	ug/l	97
46) Dibromomethane	7.66	93	26400	20.614	ug/l	97
47) Bromodichloromethane	7.90	83	53037	20.762	ug/l	99
48) Methyl methacrylate	7.77	41	59688	21.451	ug/l	99
49) 1,4-Dioxane	7.74	88	24456	433.391	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	397801	108.515	ug/l	100
52) Toluene	8.79	92	101295	21.396	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60035	20.816	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66813	20.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40990	21.222	ug/l	96
56) Ethyl methacrylate	9.18	69	72368	20.990	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71138	20.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	173800	95.023	ug/l	100
59) 2-Hexanone	9.49	43	313291	108.815	ug/l	99
60) Dibromochloromethane	9.58	129	39021	20.685	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41491	21.281	ug/l	99
64) Tetrachloroethene	9.34	164	36701	22.254	ug/l	99
65) Chlorobenzene	10.14	112	102833	21.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36848	21.133	ug/l	100
67) Ethyl Benzene	10.25	91	190334	21.504	ug/l	98
68) m/p-Xylenes	10.36	106	139706	43.192	ug/l	97
69) o-Xylene	10.69	106	68823	21.566	ug/l	98
70) Styrene	10.71	104	120398	21.706	ug/l	100
71) Bromoform	10.85	173	29874	21.083	ug/l #	98
73) Isopropylbenzene	11.02	105	182528	21.447	ug/l	99
74) N-amyl acetate	10.90	43	105881	21.339	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66695	21.022	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	58460m	21.534	ug/l	
77) Bromobenzene	11.26	156	45215	21.405	ug/l	98
78) n-propylbenzene	11.36	91	207034	21.301	ug/l	100
79) 2-Chlorotoluene	11.42	91	125396	20.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	155151	21.651	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21364	20.135	ug/l	94
82) 4-Chlorotoluene	11.51	91	141787	20.930	ug/l	99
83) tert-Butylbenzene	11.77	119	147897	21.216	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154656	21.501	ug/l	100
85) sec-Butylbenzene	11.94	105	174570	21.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	158750	21.366	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	79608	21.140	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	79222	20.867	ug/l	98
89) n-Butylbenzene	12.38	91	139355	20.751	ug/l	100
90) Hexachloroethane	12.60	117	26008	20.547	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81012	21.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16003	22.485	ug/l	97

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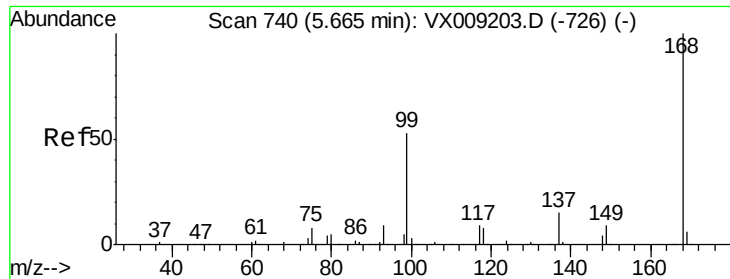
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55671	21.225	ug/l	98
94) Hexachlorobutadiene	13.78	225	28114	20.990	ug/l	100
95) Naphthalene	13.83	128	188999	22.148	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	57867	21.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:168 Resp: 169502

Ion Ratio Lower Upper

168 100

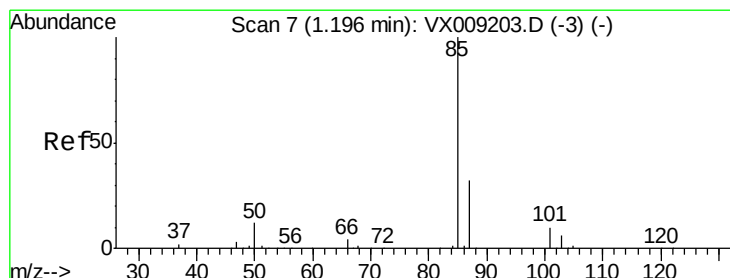
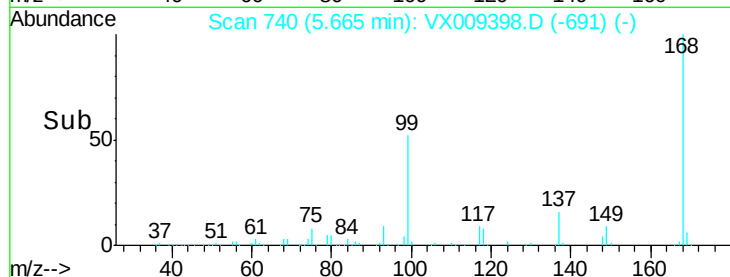
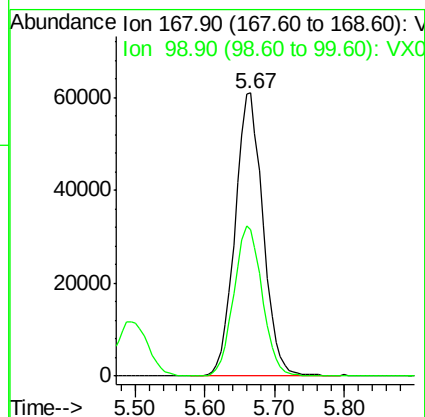
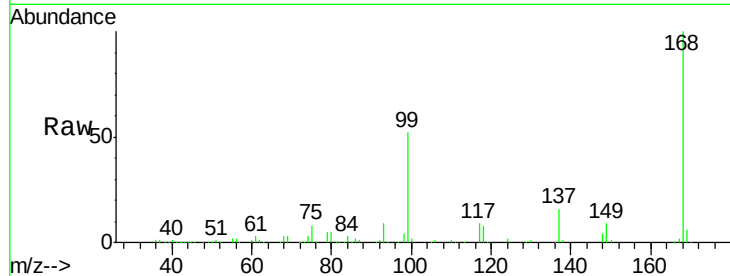
99 51.7 42.3 63.5

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#2

Dichlorodifluoromethane

Concen: 19.105 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009398.D

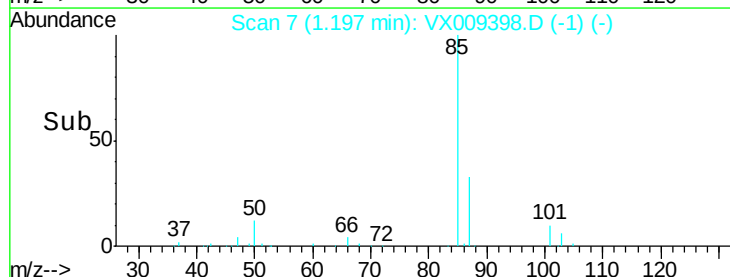
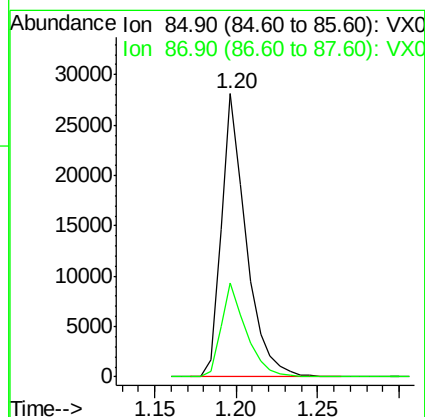
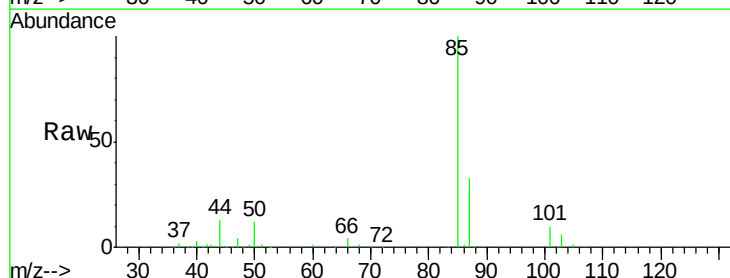
Acq: 08 May 2019 15:10

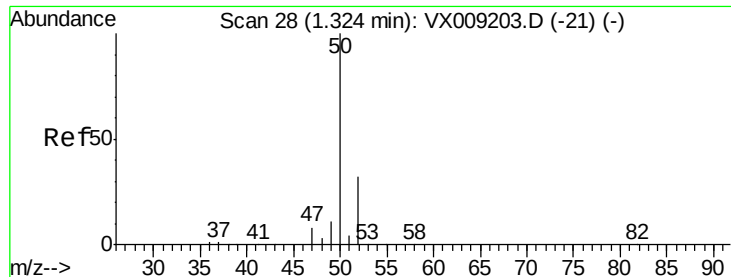
Tgt Ion: 85 Resp: 29842

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3





#3

Chloromethane

Concen: 20.792 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 50 Resp: 44340

Ion Ratio Lower Upper

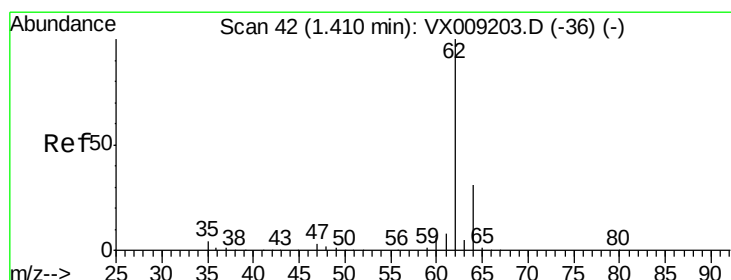
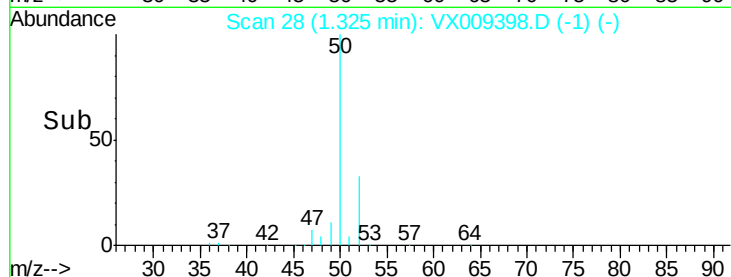
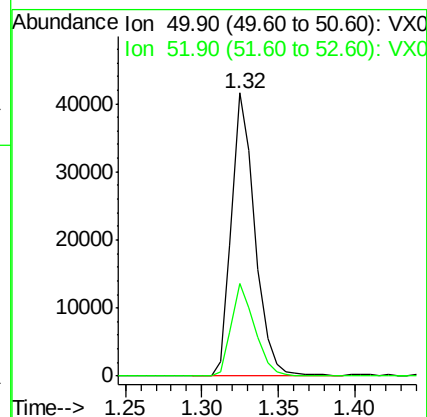
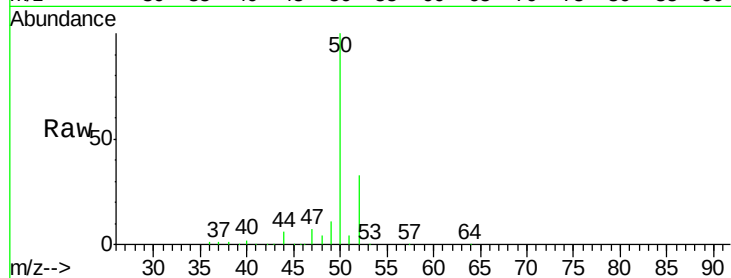
50 100

52 32.7 25.9 38.9

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#4

Vinyl Chloride

Concen: 21.258 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009398.D

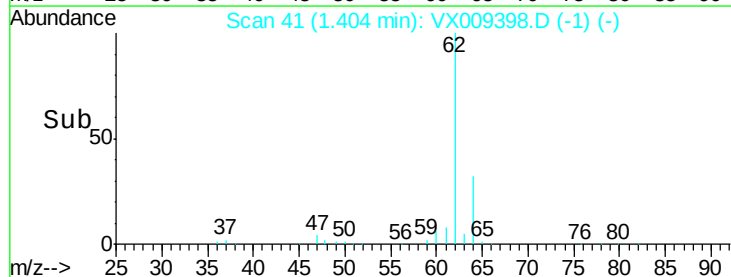
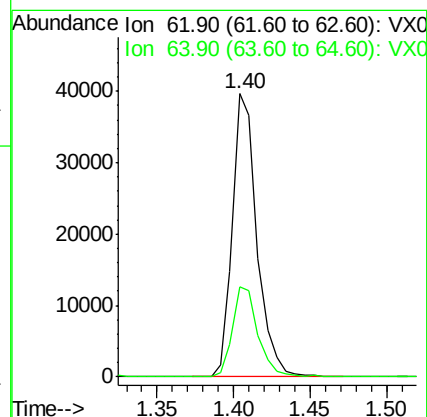
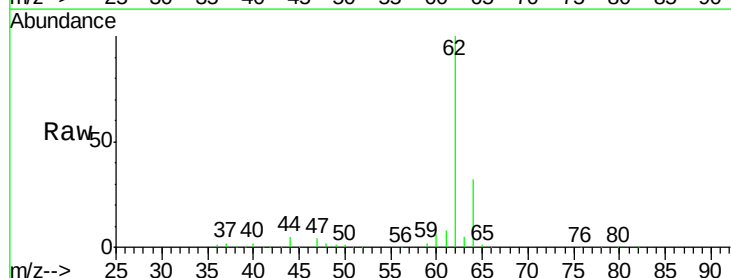
Acq: 08 May 2019 15:10

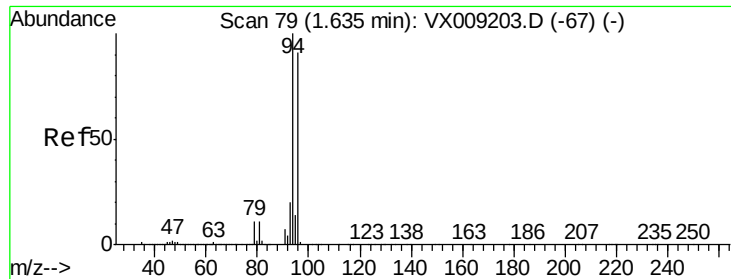
Tgt Ion: 62 Resp: 44206

Ion Ratio Lower Upper

62 100

64 31.8 24.6 36.8





#5

Bromomethane

Concen: 19.657 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 94 Resp: 24534

Ion Ratio Lower Upper

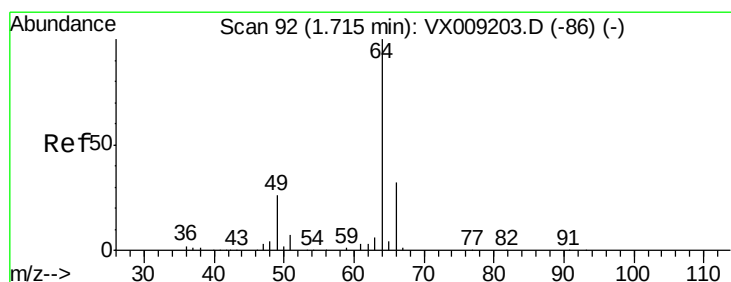
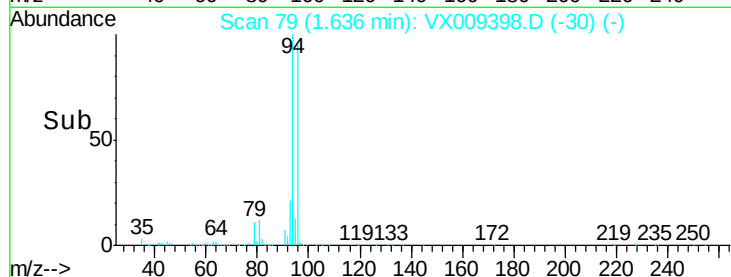
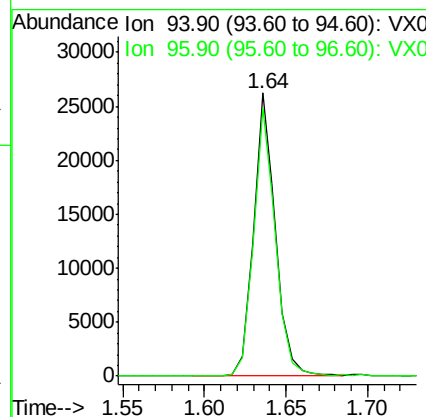
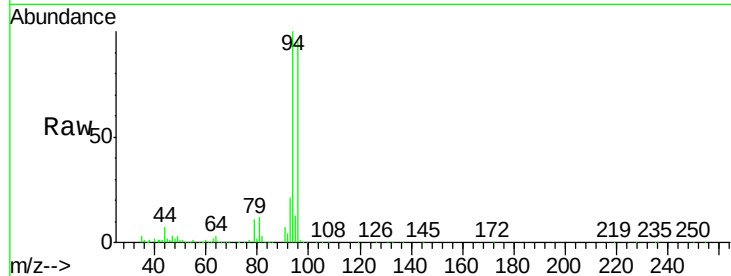
94 100

96 94.8 73.0 109.6

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#6

Chloroethane

Concen: 21.569 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009398.D

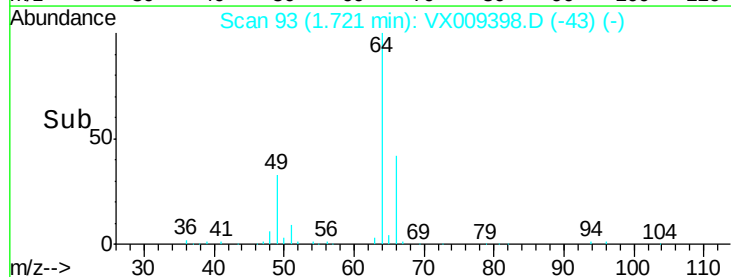
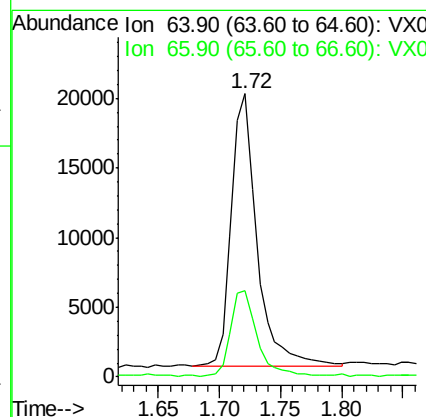
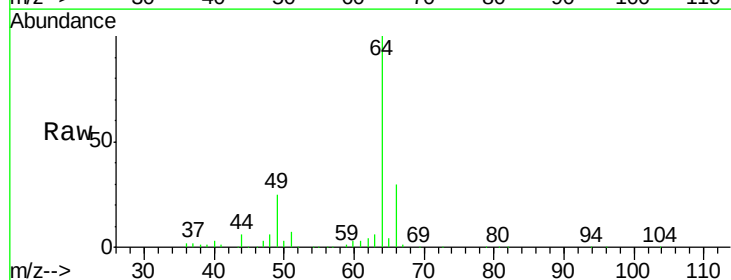
Acq: 08 May 2019 15:10

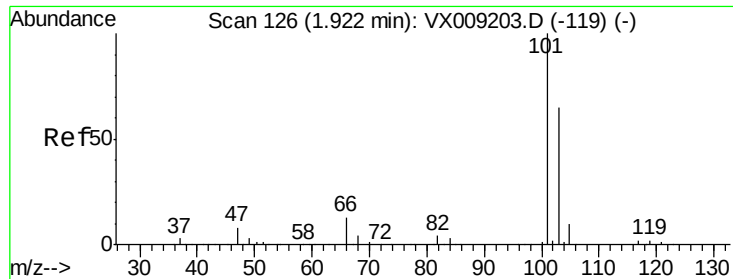
Tgt Ion: 64 Resp: 28797

Ion Ratio Lower Upper

64 100

66 30.8 25.3 37.9





#7

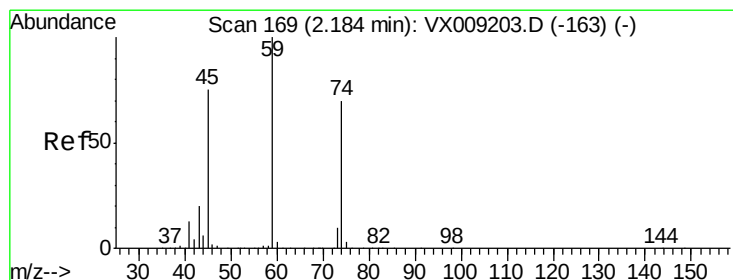
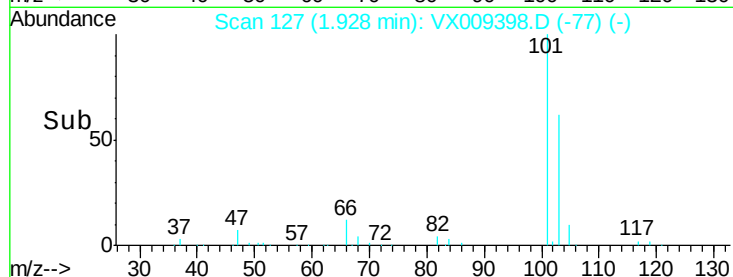
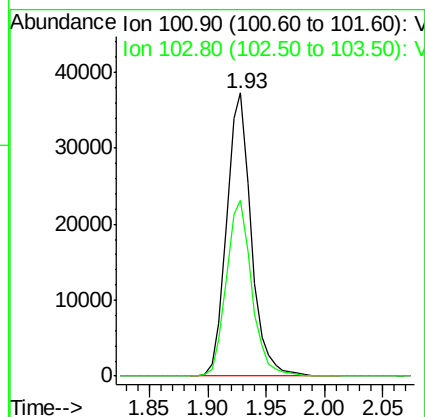
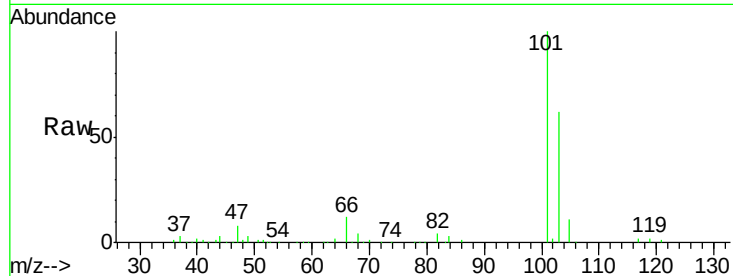
Trichlorofluoromethane
Concen: 21.556 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
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ClientSampleId :
VX0508WBSD01

Tot Ion:101 Resp: 54488
Ion Ratio Lower Upper
101 100
103 62.1 52.4 78.6

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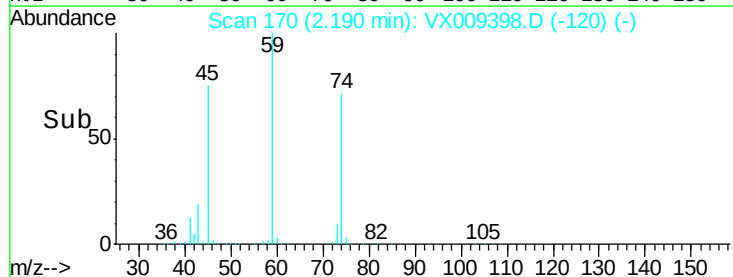
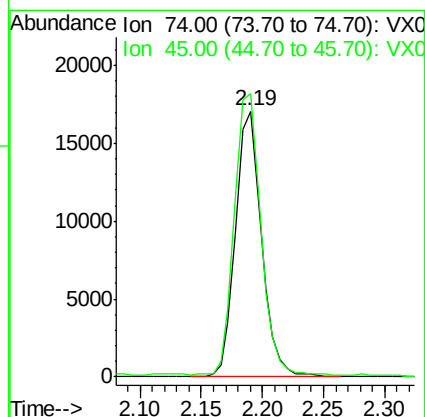
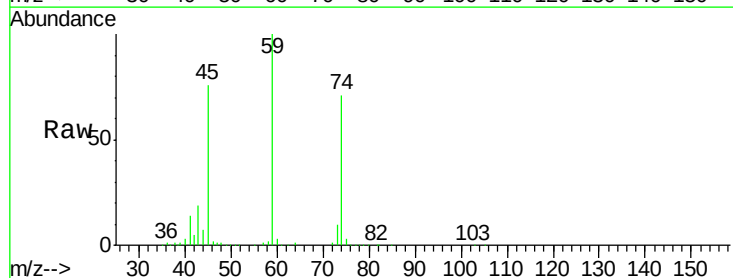
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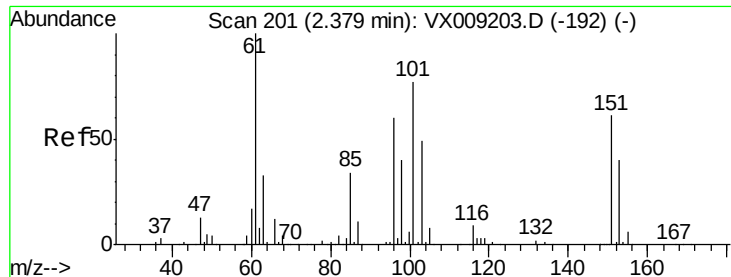


#8

Diethyl Ether
Concen: 20.971 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 74 Resp: 25109
Ion Ratio Lower Upper
74 100
45 108.4 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.744 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

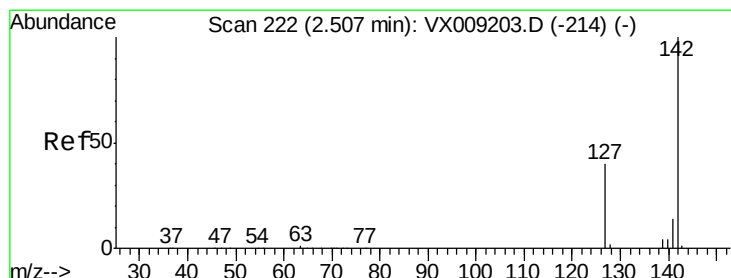
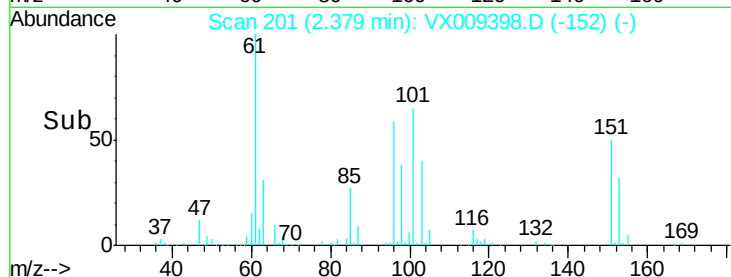
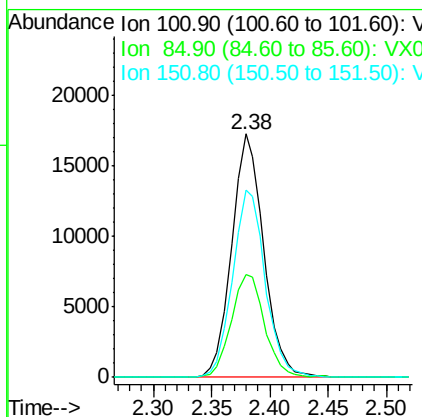
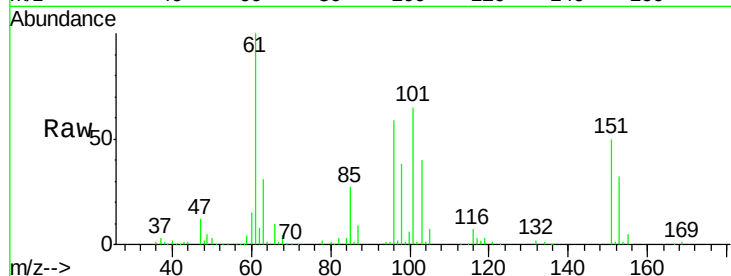
ClientSampleId :

VX0508WBSD01

Tot Ion:	101	Resp:	32928
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.7	53.5
151	78.8	62.2	93.2

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#10

Methyl Iodide

Concen: 18.470 ug/l

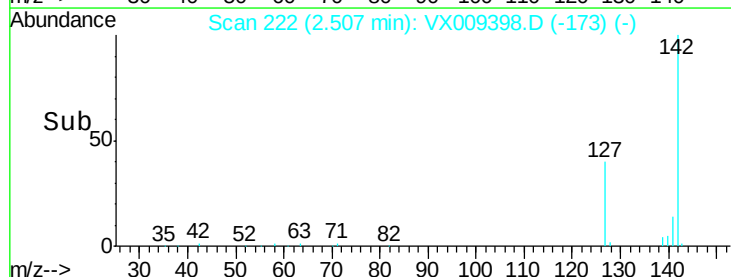
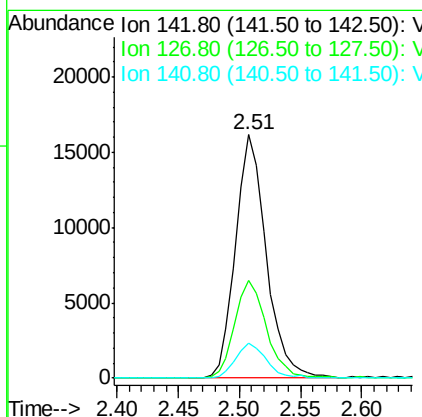
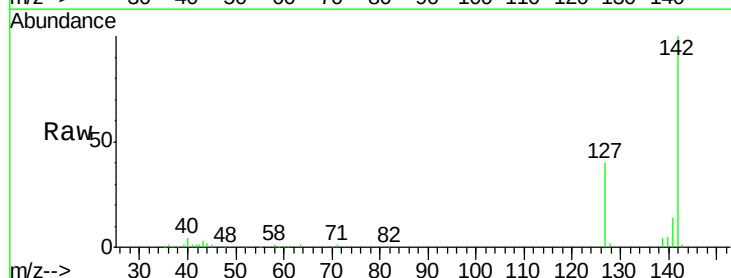
RT: 2.51 min Scan# 222

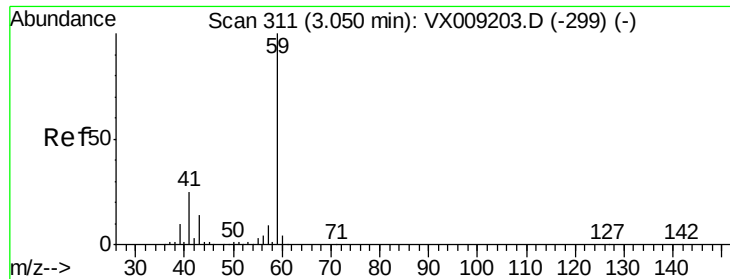
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:	142	Resp:	28180
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.7	49.1
141	14.2	11.5	17.3





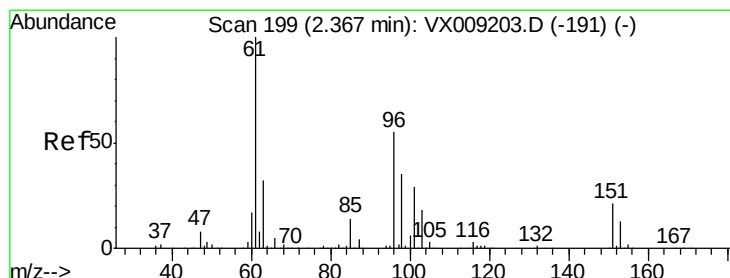
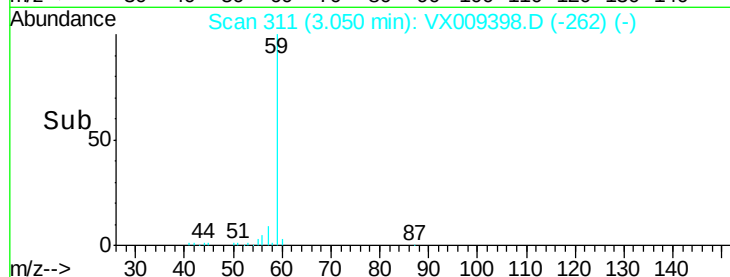
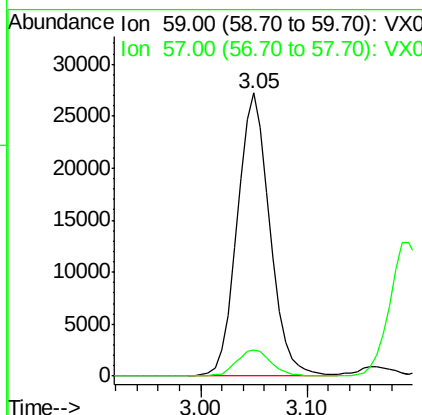
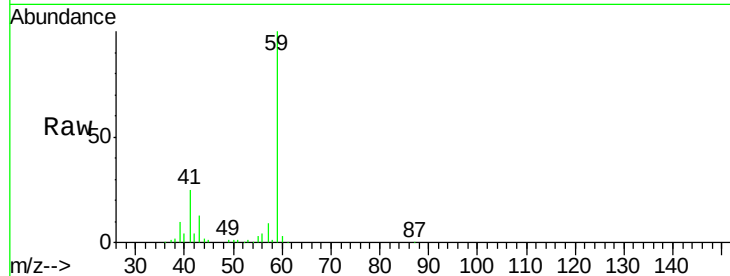
#11
Tert butyl alcohol
Concen: 109.191 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

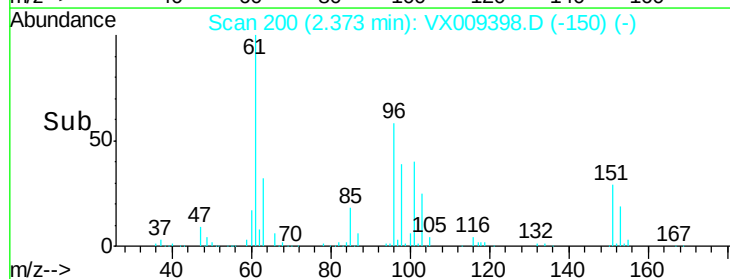
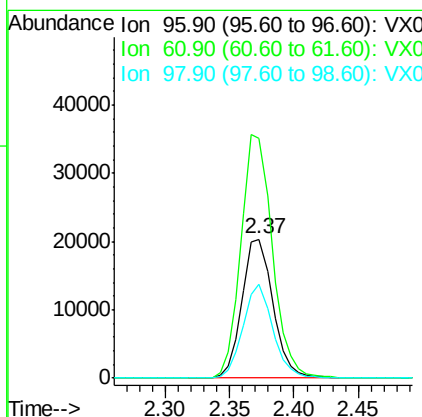
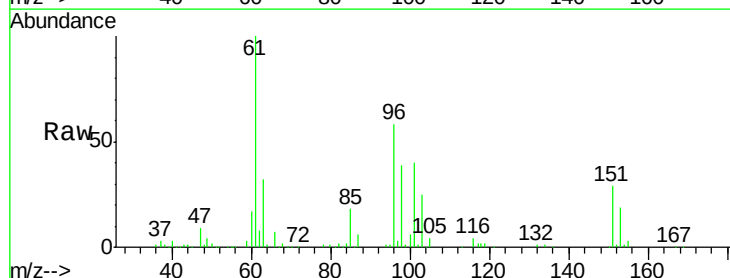
Manual Integrations
APPROVED

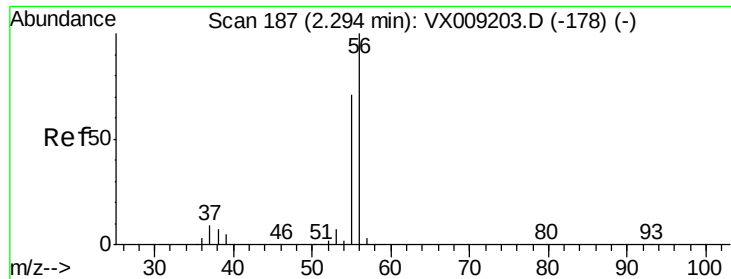
MMDadoda
5/9/2019 9:49:37 AM



#12
1,1-Dichloroethene
Concen: 21.403 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.8	144.3	216.5
98	67.8	50.3	75.5





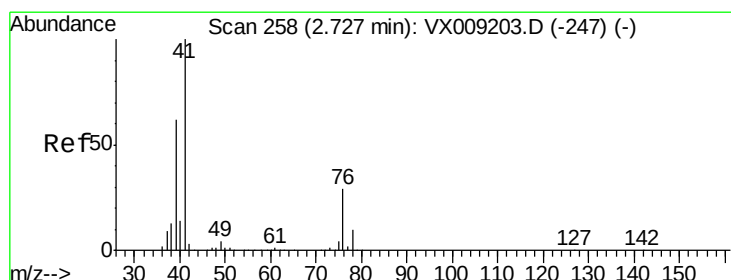
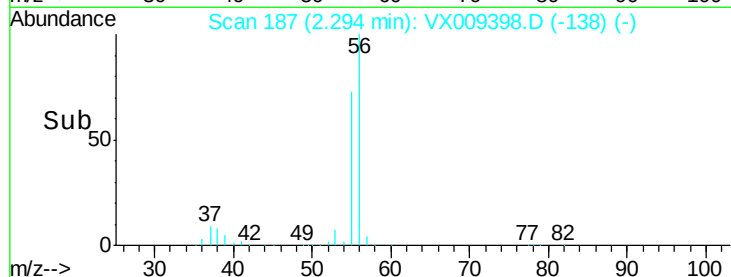
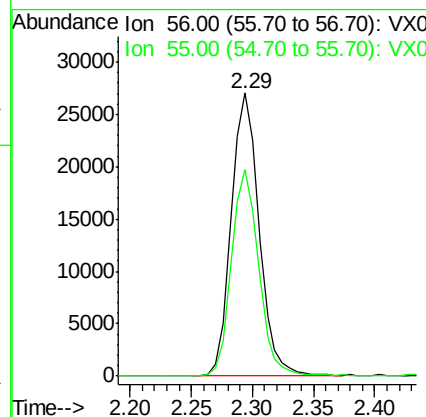
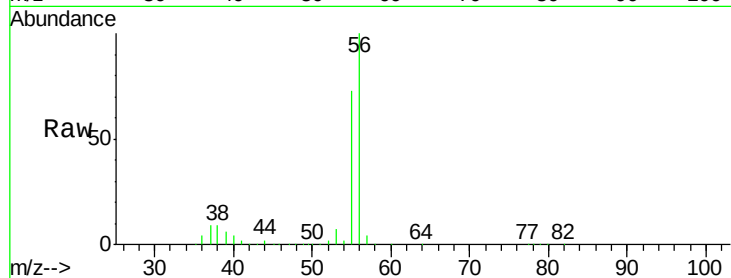
#13
Acrolein
Concen: 87.876 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.6	85.0

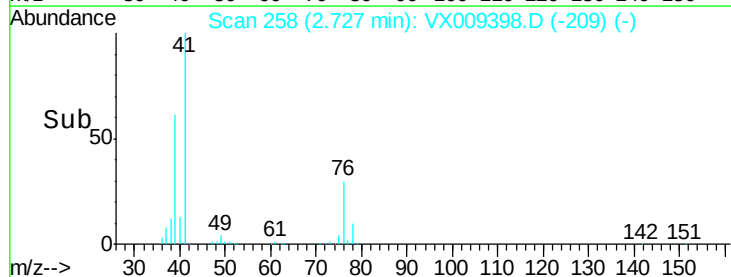
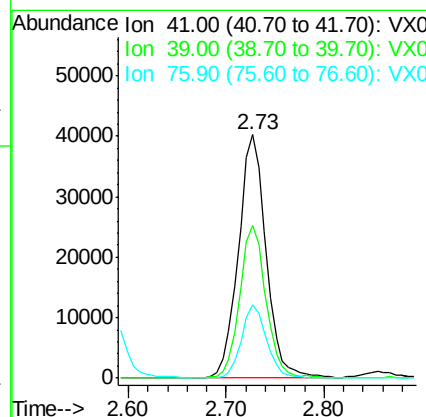
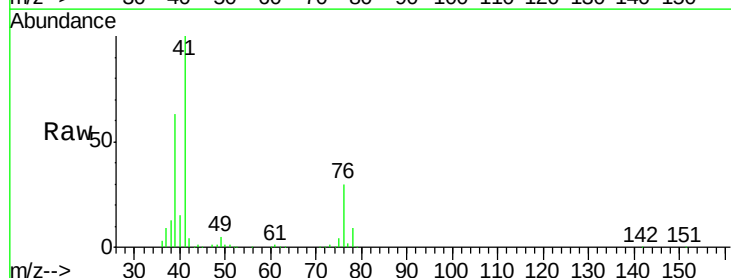
Manual Integrations
APPROVED

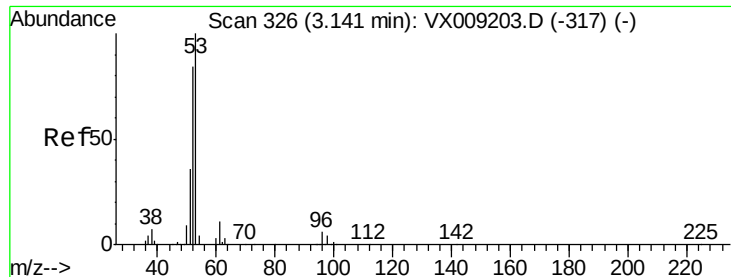
MMDadoda
5/9/2019 9:49:37 AM



#14
Allyl chloride
Concen: 20.484 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.8	46.7	70.1
76	27.4	21.8	32.8





#15

Acrylonitrile

Concen: 105.535 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

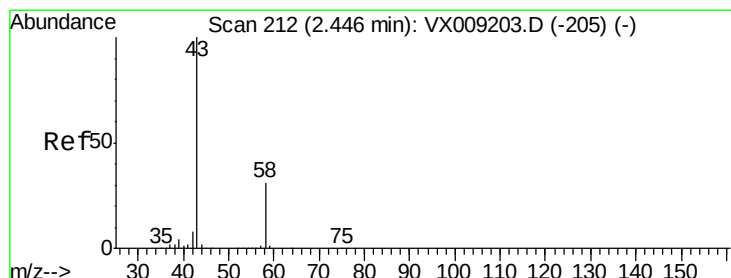
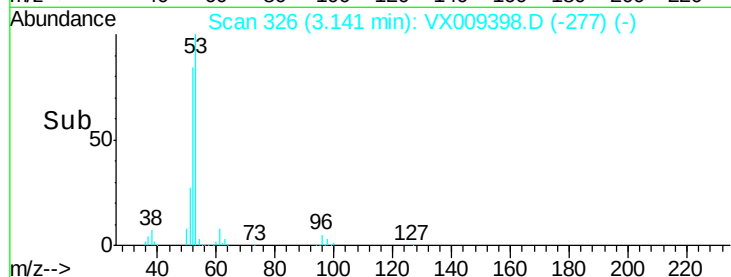
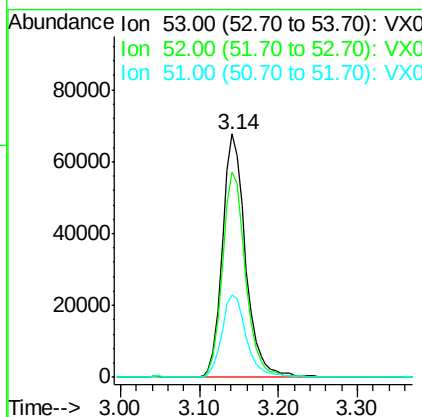
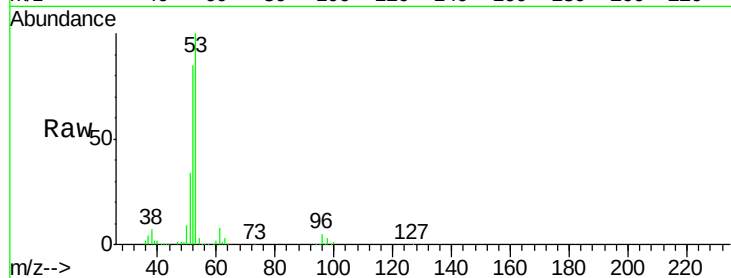
ClientSampleId :

VX0508WBSD01

Tot Ion:	53	Resp:	138210
Ion Ratio		Lower	Upper
53	100		
52	84.4	66.9	100.3
51	36.2	28.2	42.2

Manual Integrations
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5/9/2019 9:49:37 AM



#16

Acetone

Concen: 109.703 ug/l

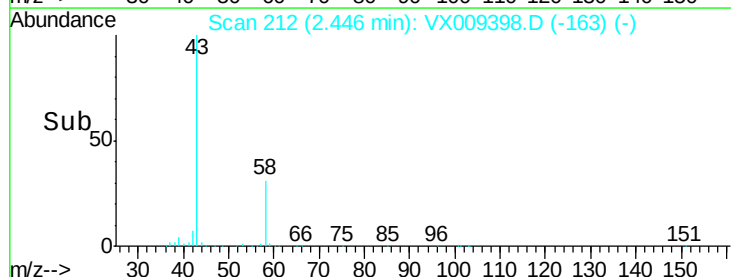
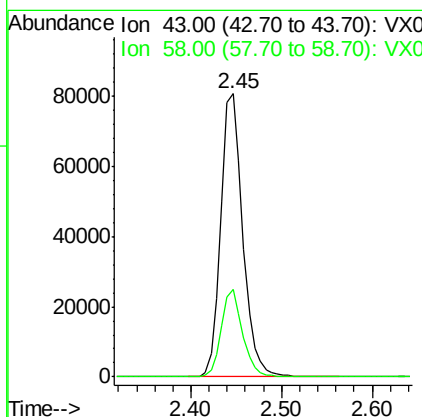
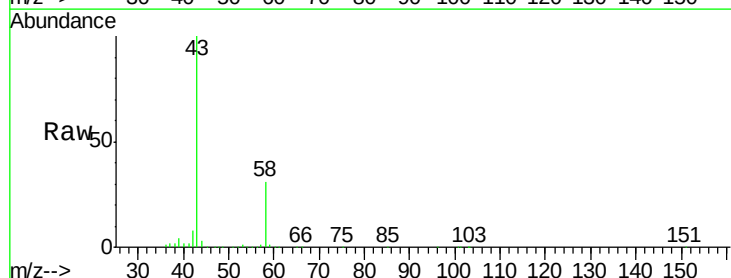
RT: 2.45 min Scan# 212

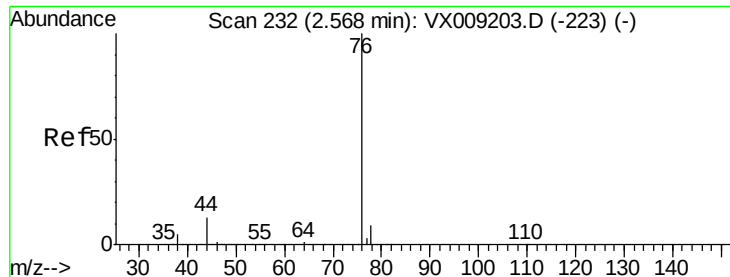
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:	43	Resp:	136303
Ion Ratio		Lower	Upper
43	100		
58	30.7	24.9	37.3





#17

Carbon Disulfide

Concen: 22.023 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 76 Resp: 98338

Ion Ratio Lower Upper

76 100

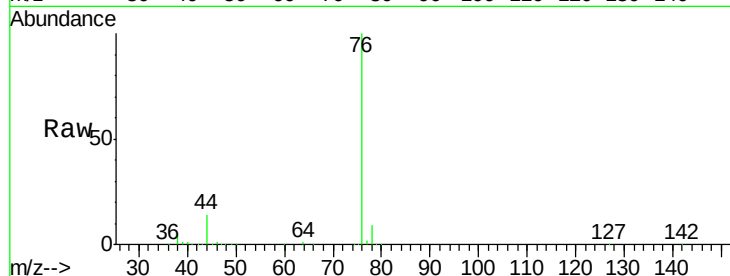
78 8.6 7.4 11.0

Manual Integrations

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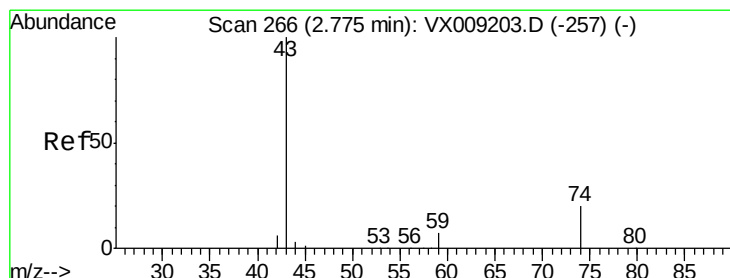
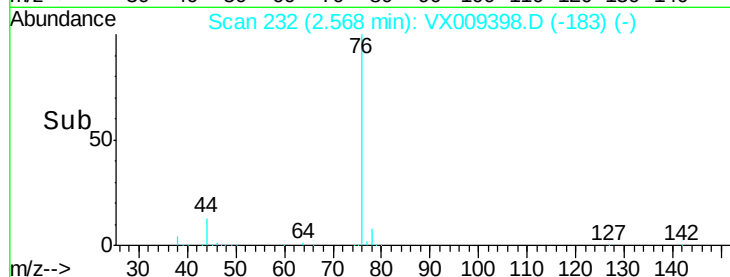
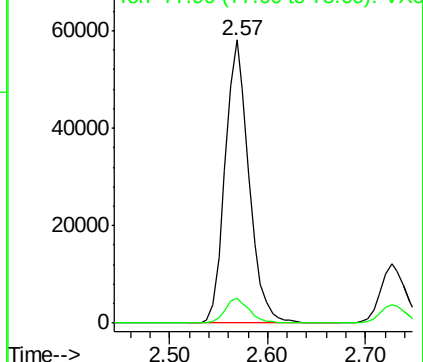
MMDadoda

5/9/2019 9:49:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.562 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009398.D

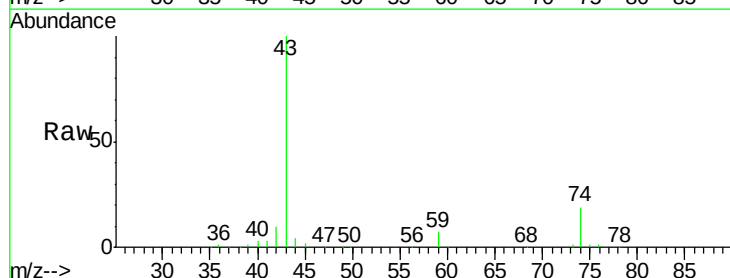
Acq: 08 May 2019 15:10

Tgt Ion: 43 Resp: 57804

Ion Ratio Lower Upper

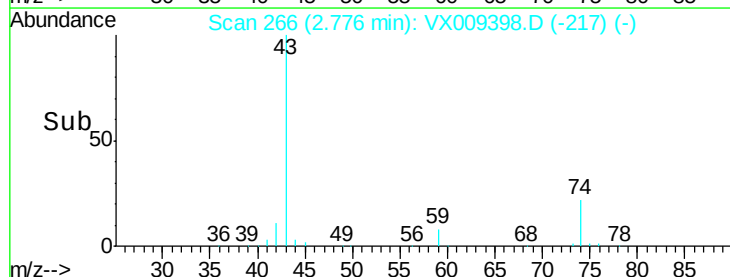
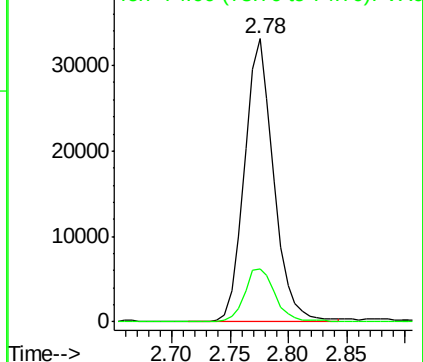
43 100

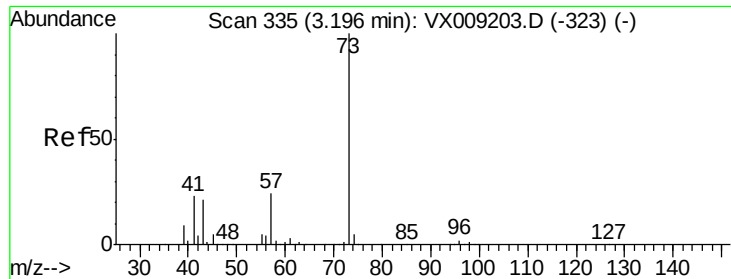
74 20.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





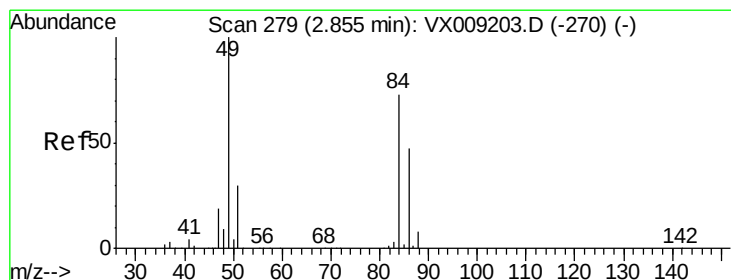
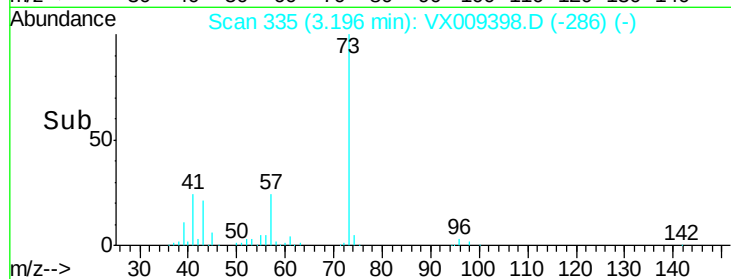
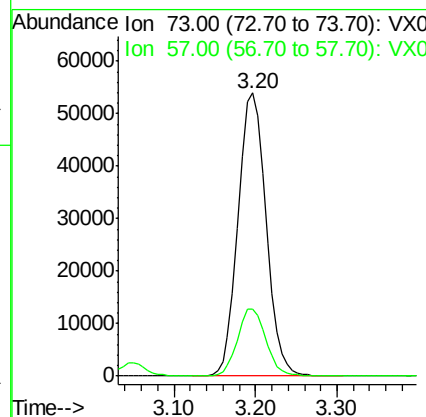
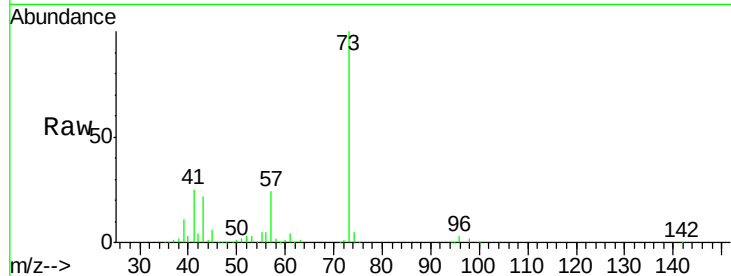
#19
Methyl tert-butyl Ether
Concen: 20.791 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	73	Resp	128403
Ion Ratio	100	Lower	Upper
73	100		
57	23.8	19.3	28.9

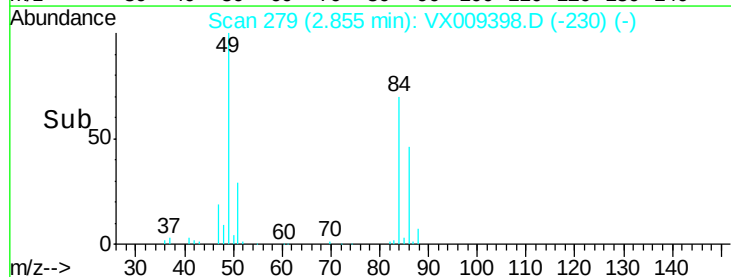
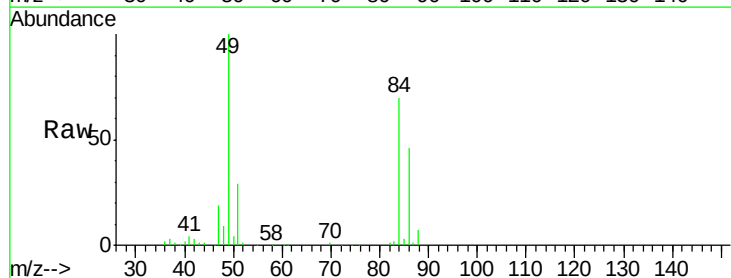
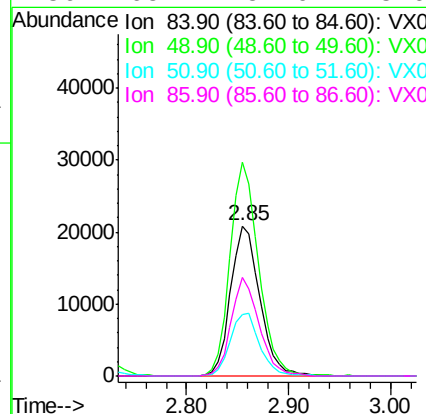
Manual Integrations
APPROVED

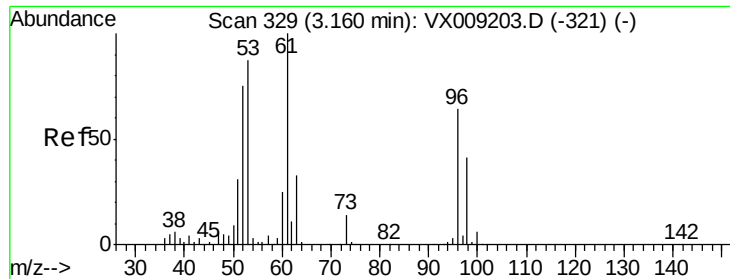
MMDadoda
5/9/2019 9:49:37 AM



#20
Methylene Chloride
Concen: 20.496 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	84	Resp	41233
Ion Ratio	100	Lower	Upper
84	100		
49	142.4	109.9	164.9
51	41.3	32.7	49.1
86	65.4	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 20.860 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 96 Resp: 35980

Ion Ratio Lower Upper

96 100

61 155.6 124.5 186.7

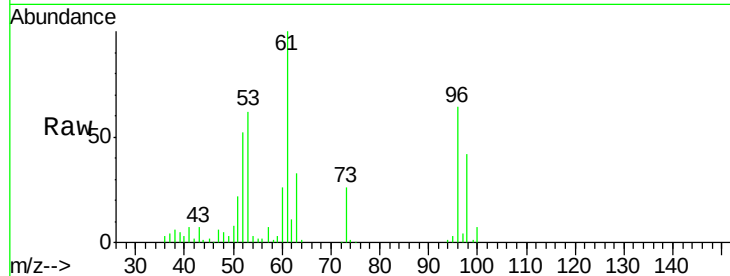
98 64.9 50.4 75.6

Manual Integrations

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MMDadoda

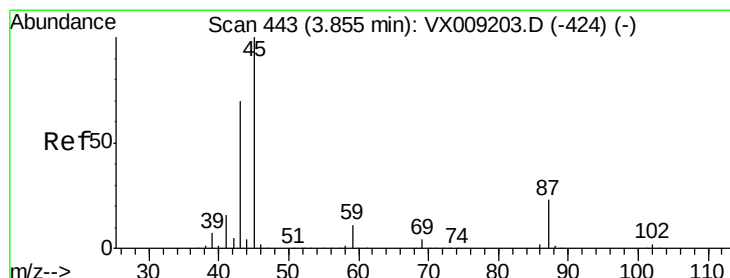
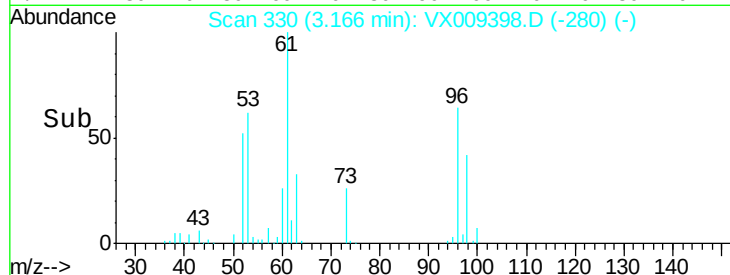
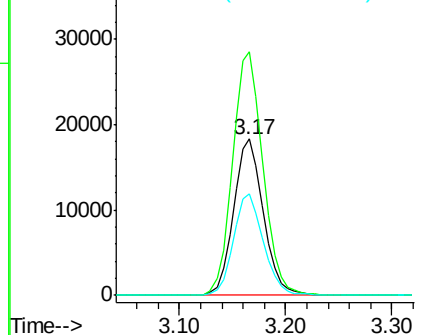
5/9/2019 9:49:37 AM



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: 20.799 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion: 45 Resp: 155031

Ion Ratio Lower Upper

45 100

43 64.4 56.1 84.1

87 23.3 18.1 27.1

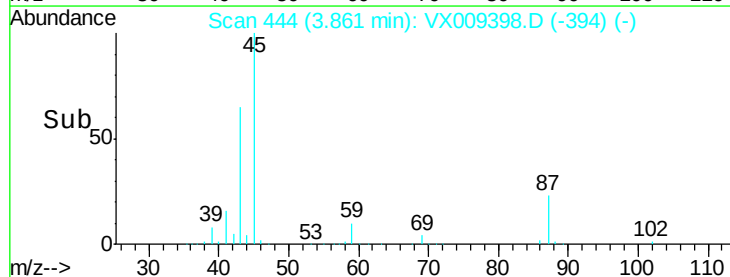
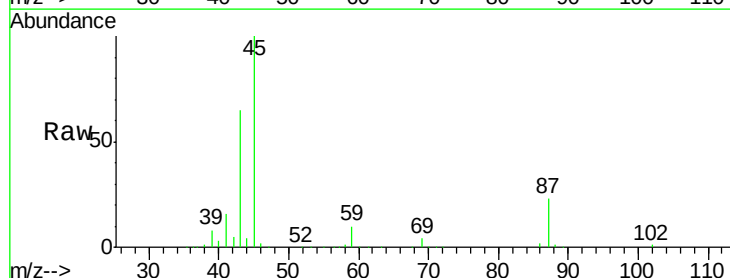
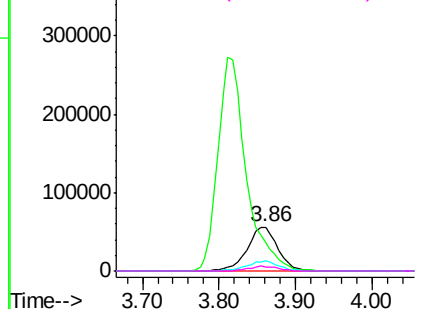
59 10.0 8.5 12.7

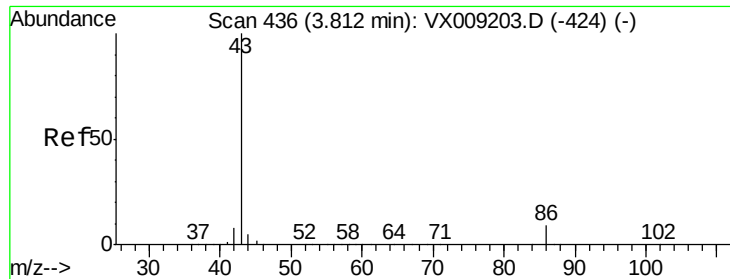
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 109.914 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 43 Resp: 701551

Ion Ratio Lower Upper

43 100

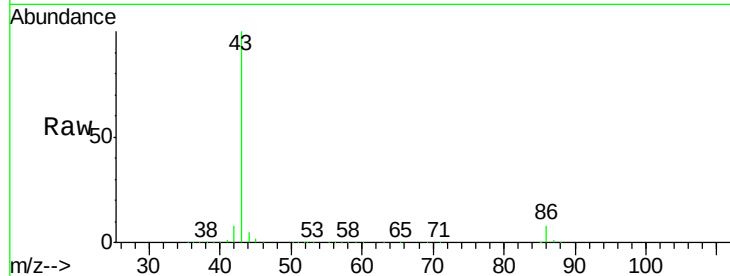
86 8.4 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

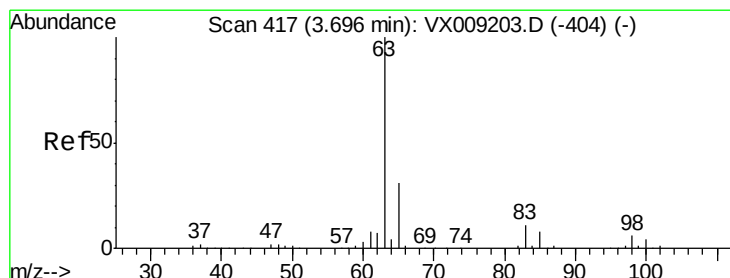
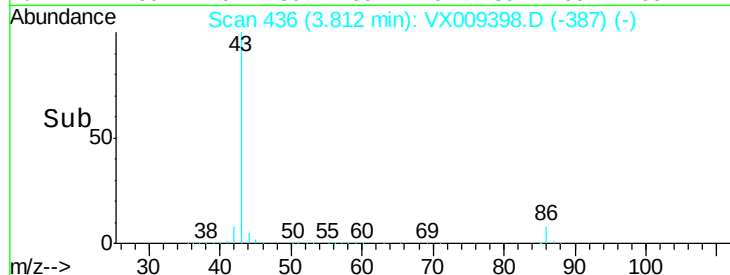
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.536 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

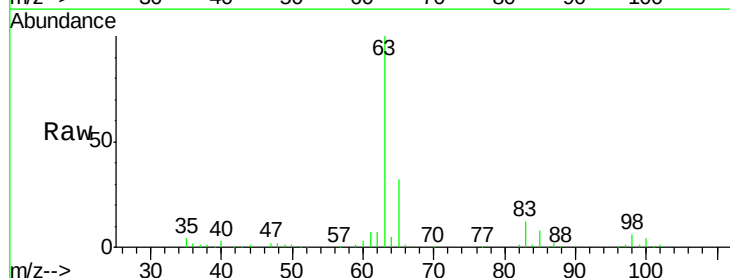
Tgt Ion: 63 Resp: 75512

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.2 2.0 6.0



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

40000

30000

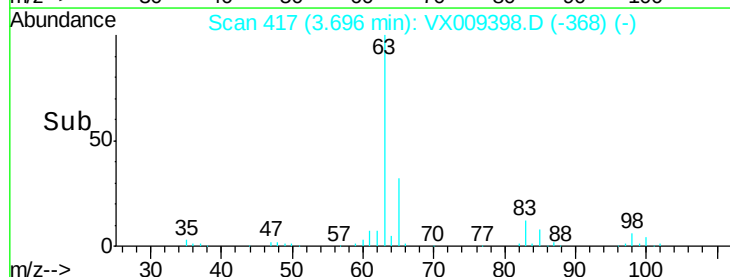
20000

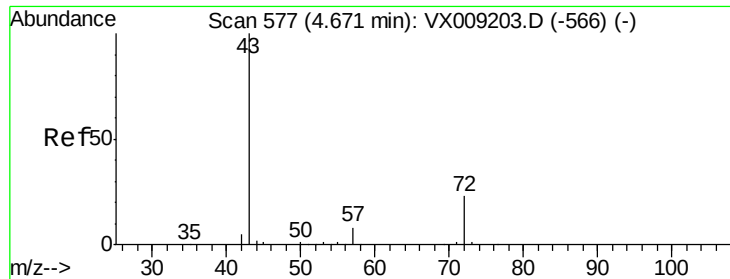
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 109.884 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 43 Resp: 212160

Ion Ratio Lower Upper

43 100

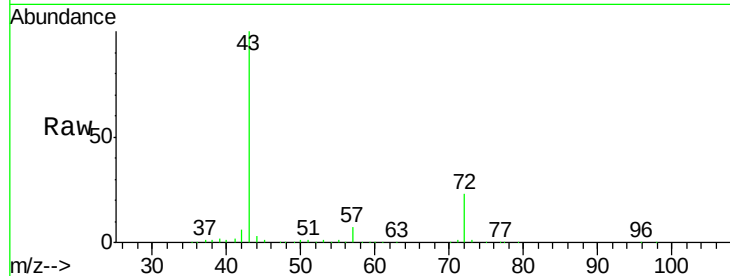
72 22.5 18.2 27.2

Manual Integrations

APPROVED

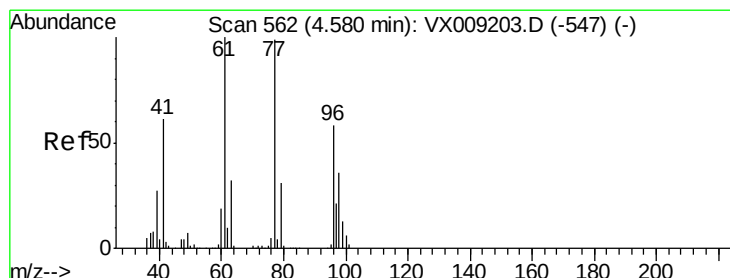
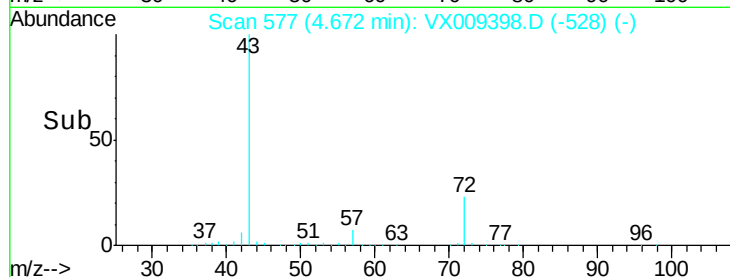
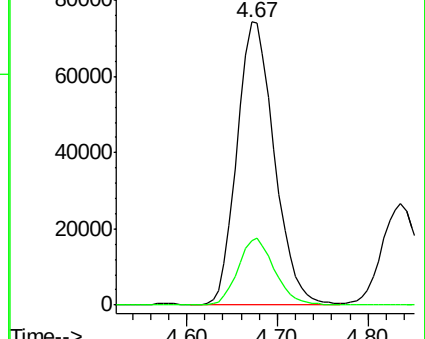
MMDadoda

5/9/2019 9:49:37 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.466 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009398.D

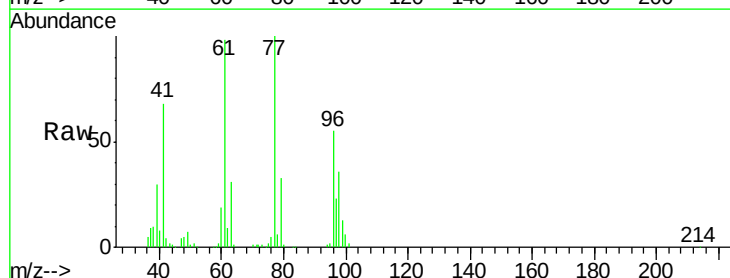
Acq: 08 May 2019 15:10

Tgt Ion: 77 Resp: 56015

Ion Ratio Lower Upper

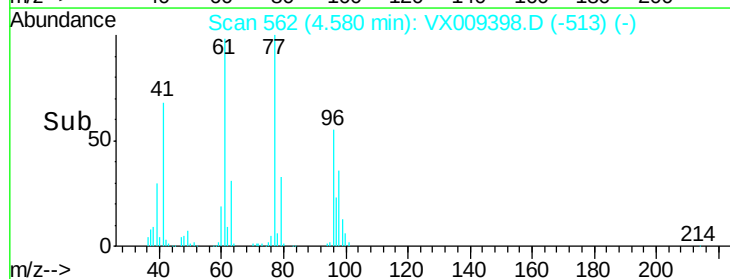
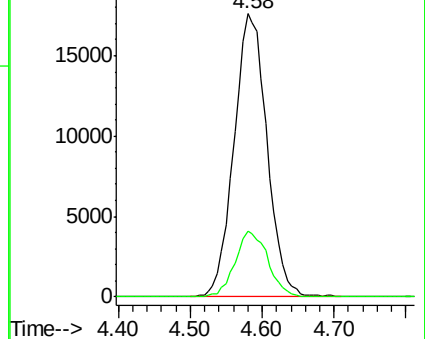
77 100

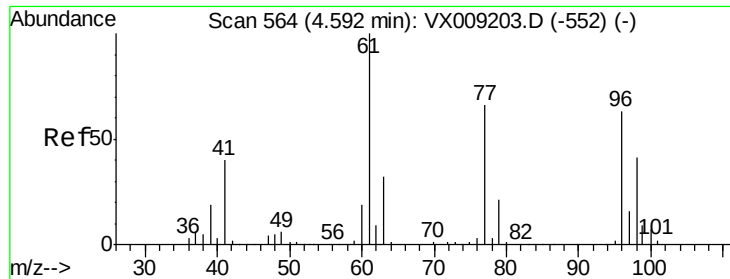
97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

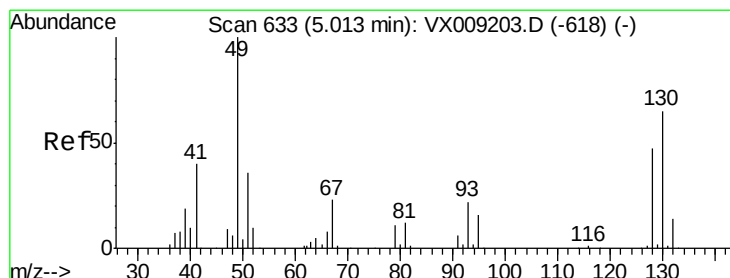
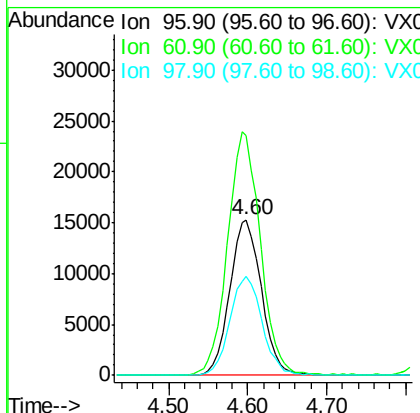
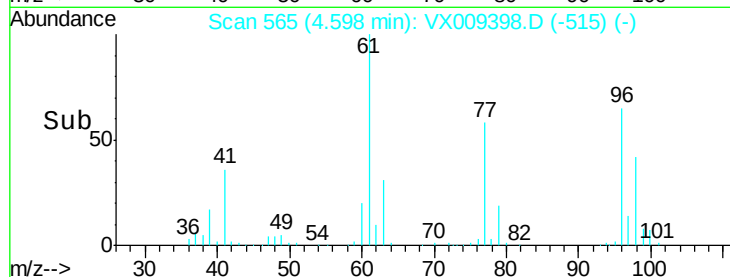
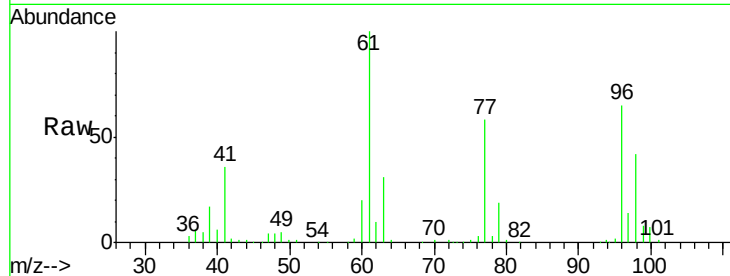
cis-1,2-Dichloroethene
Concen: 20.701 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	42619		
61	162.5		0.0	324.0
98	64.9		0.0	130.4

Manual Integrations
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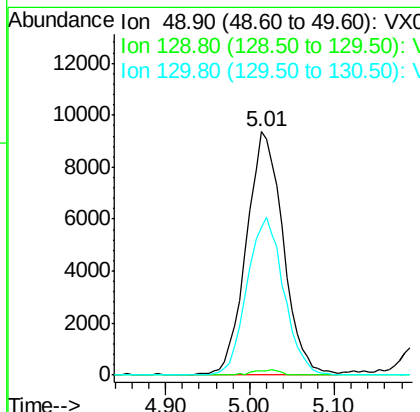
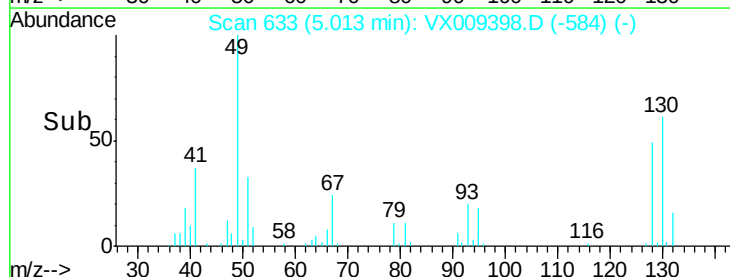
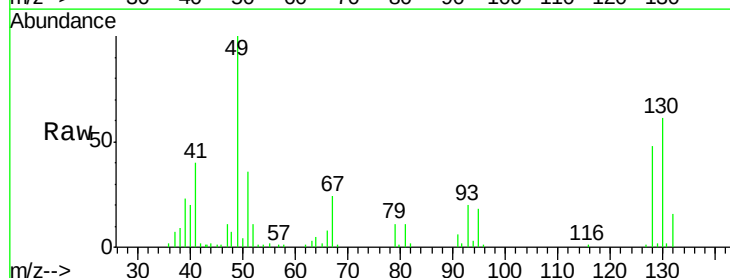
MMDadoda
5/9/2019 9:49:37 AM

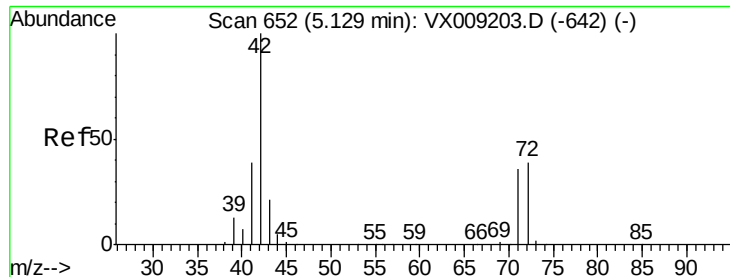


#28

Bromochloromethane
Concen: 17.070 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	27939		
129	1.5		0.0	3.8
130	64.4		51.2	76.8





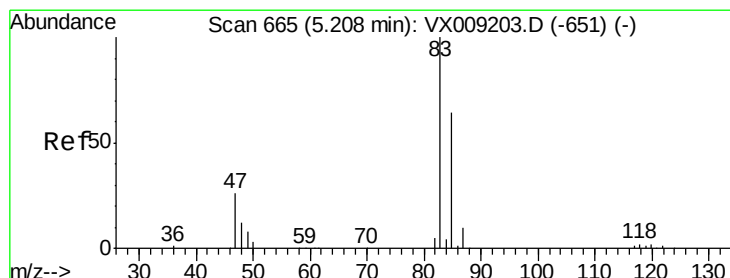
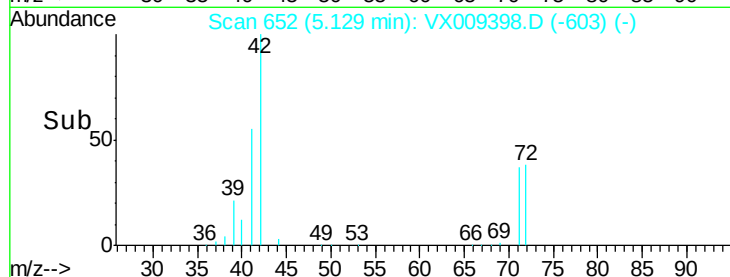
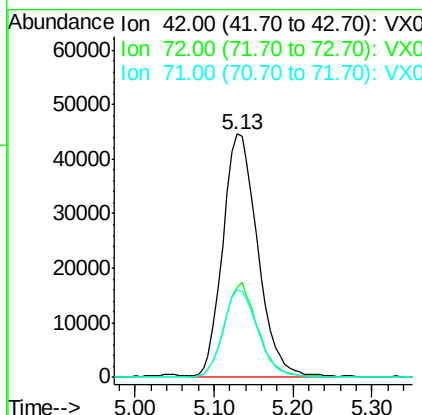
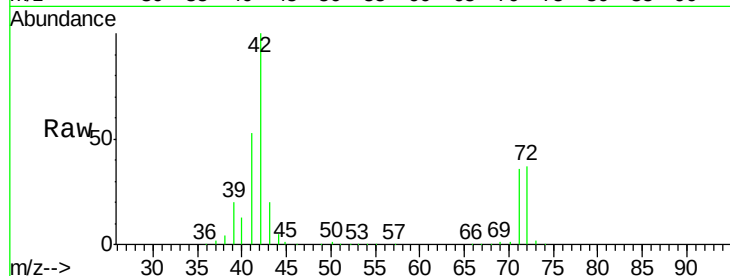
#29
Tetrahydrofuran
Concen: 109.554 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.4	45.6
71	36.2	28.6	43.0

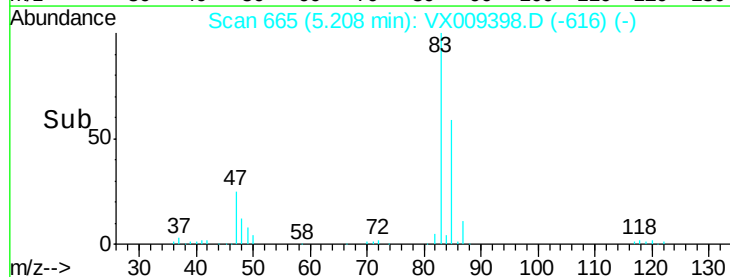
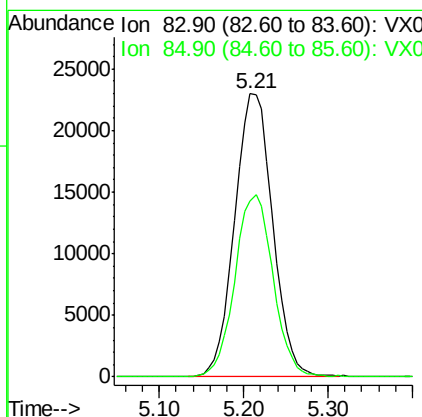
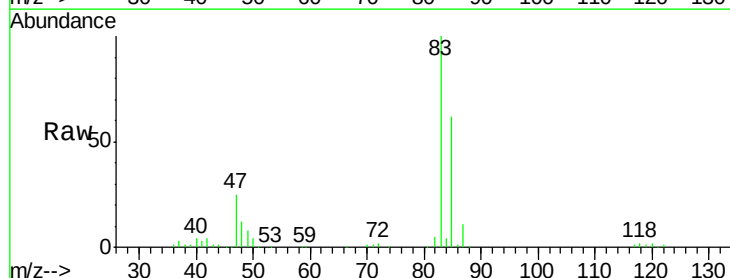
Manual Integrations
APPROVED

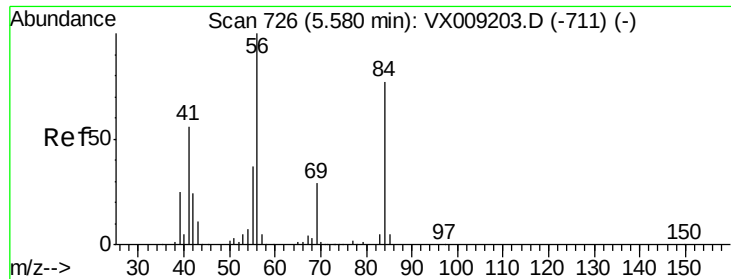
MMDadoda
5/9/2019 9:49:37 AM



#30
Chloroform
Concen: 21.162 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.5	77.3





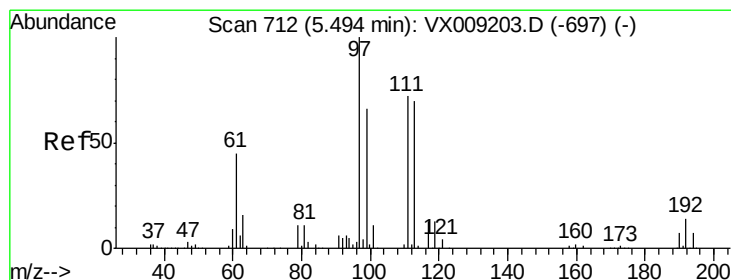
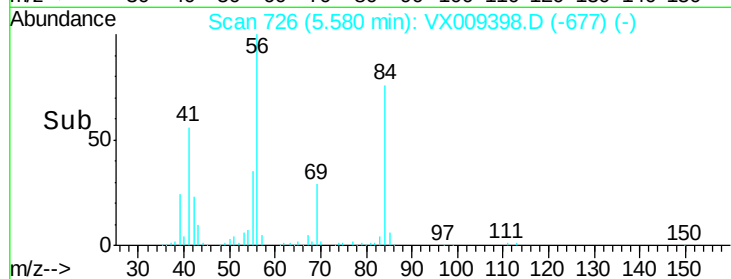
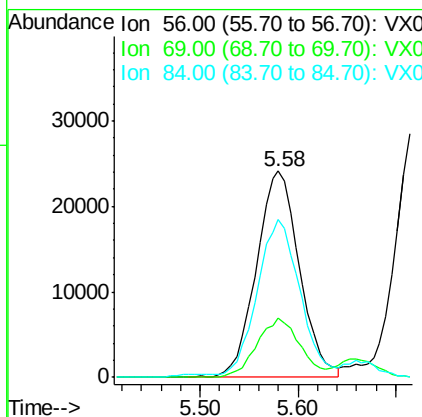
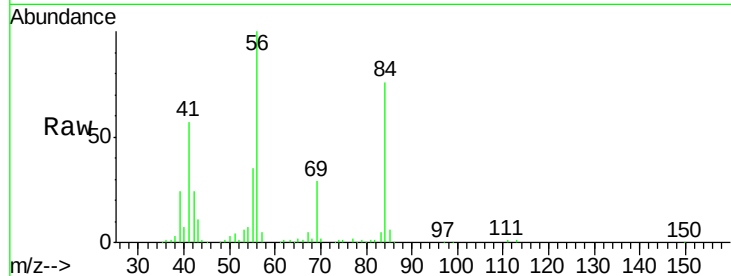
#31
Cyclohexane
Concen: 21.448 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.4	35.0
84	75.0	61.9	92.9

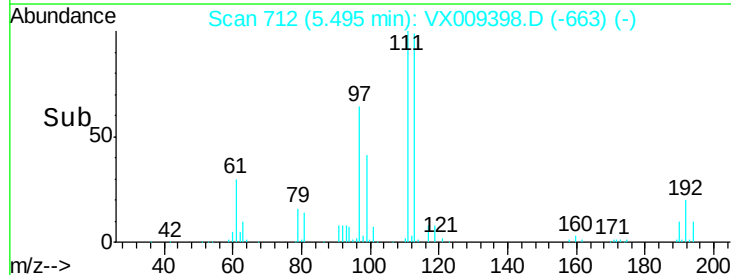
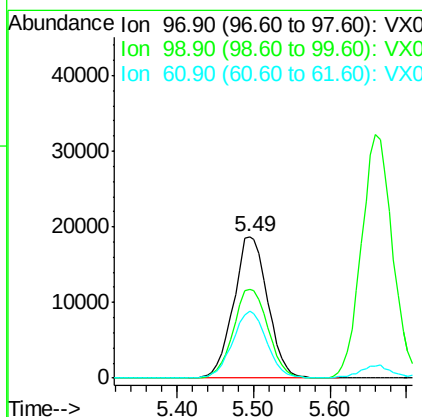
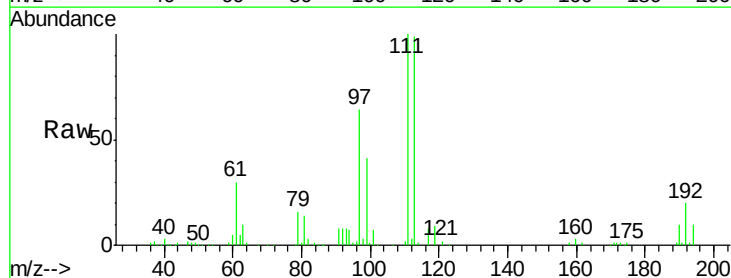
Manual Integrations
APPROVED

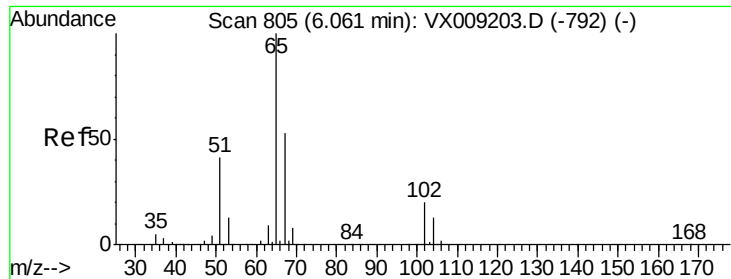
MMDadoda
5/9/2019 9:49:37 AM



#32
1,1,1-Trichloroethane
Concen: 20.870 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	47.6	37.8	56.8





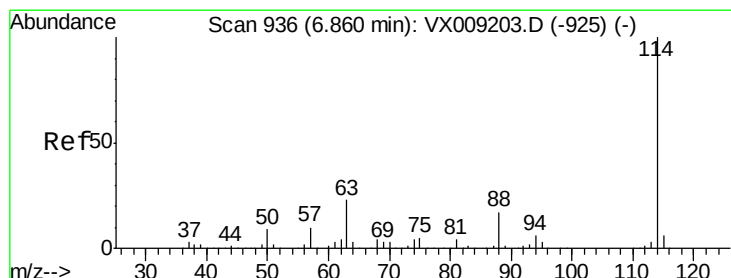
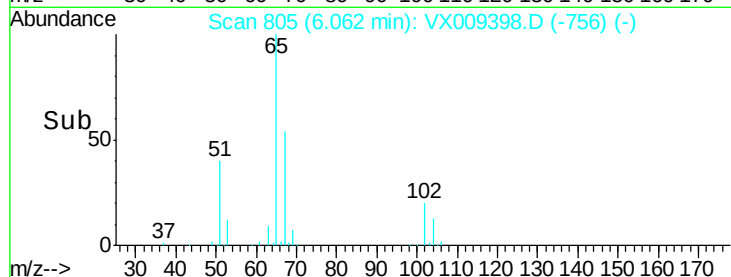
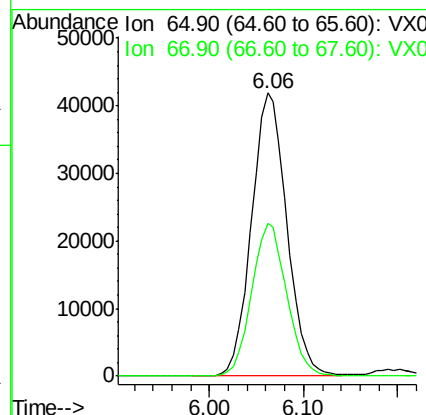
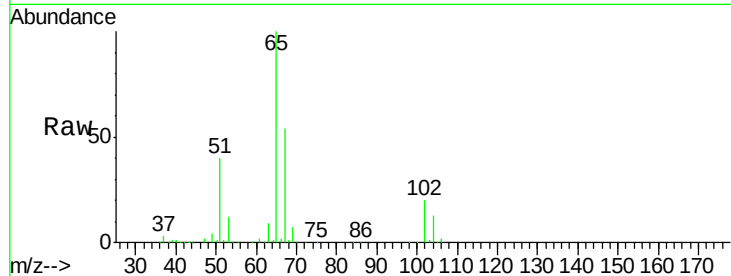
#33
 1,2-Dichloroethane-d4
 Concen: 47.529 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.6

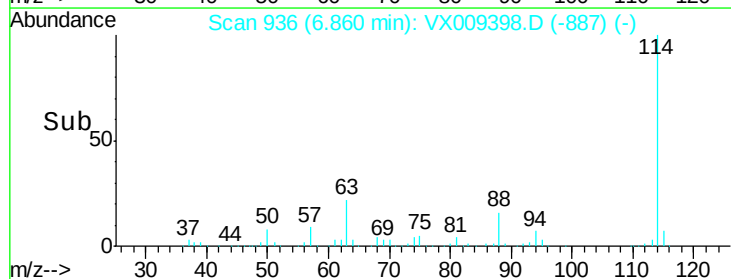
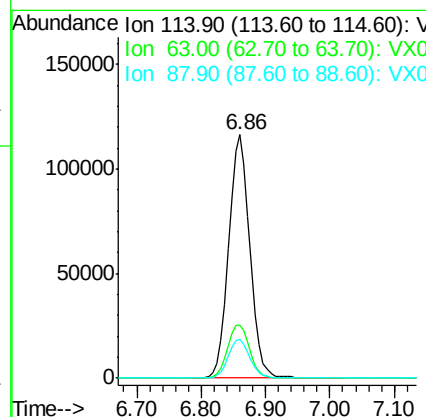
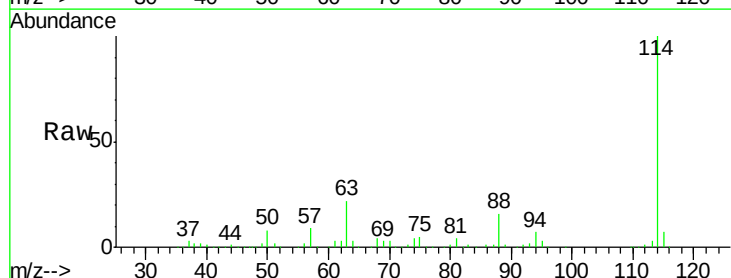
Manual Integrations
 APPROVED

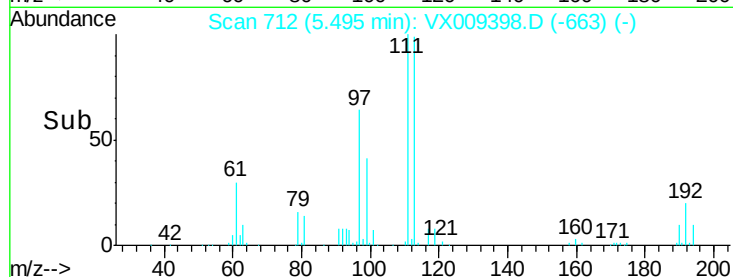
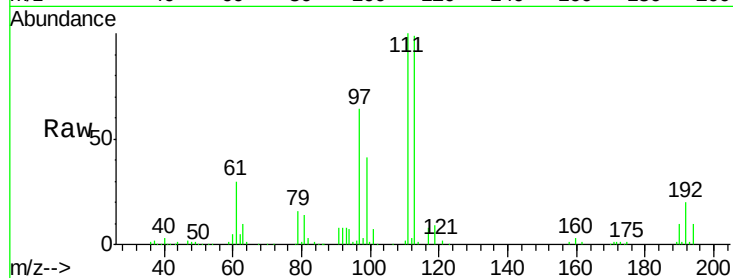
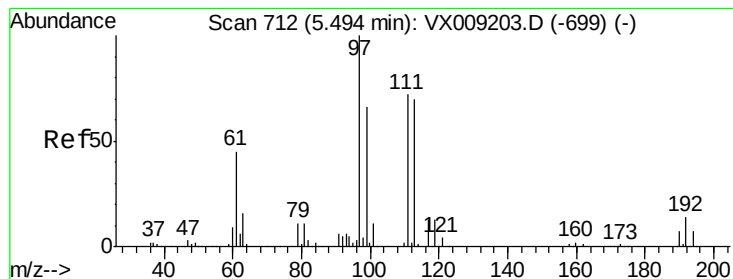
MMDadoda
 5/9/2019 9:49:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.6
88	16.2	0.0	33.2





#35

Dibromofluoromethane

Concen: 48.028 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tot Ion:	113	Resp:	81760
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	21.3	17.0	25.6

Instrument :

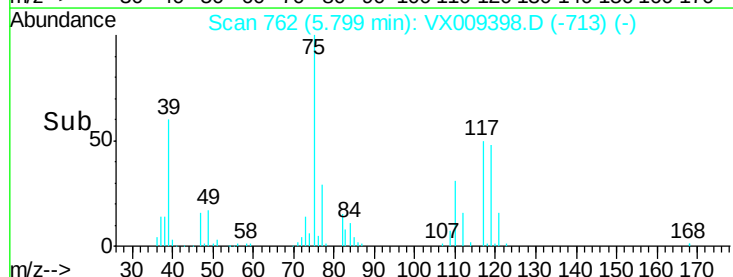
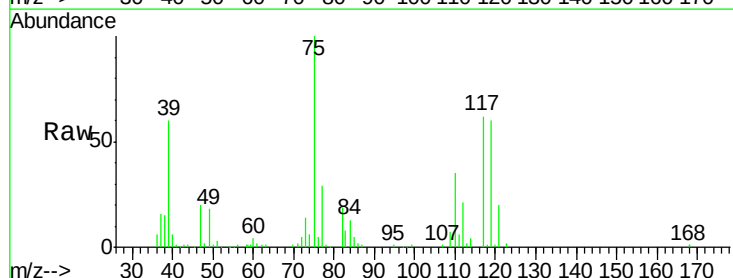
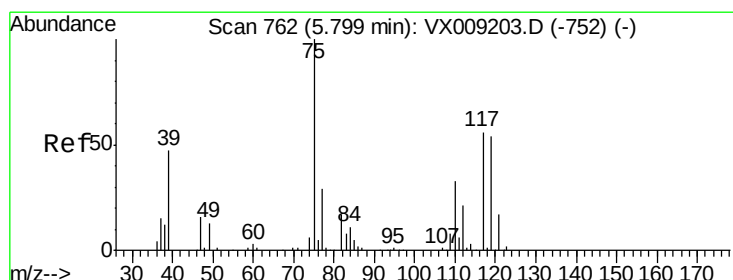
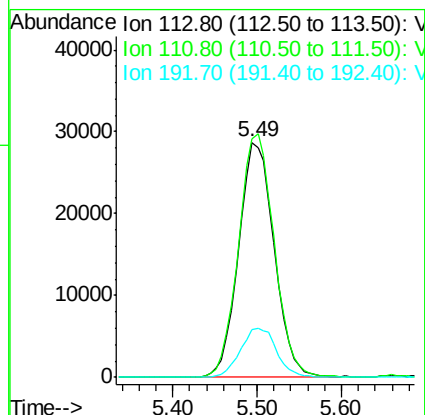
MSVOA_X

ClientSampleId :

VX0508WBSD01

Manual Integrations
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5/9/2019 9:49:37 AM



#36

1,1-Dichloropropene

Concen: 20.873 ug/l

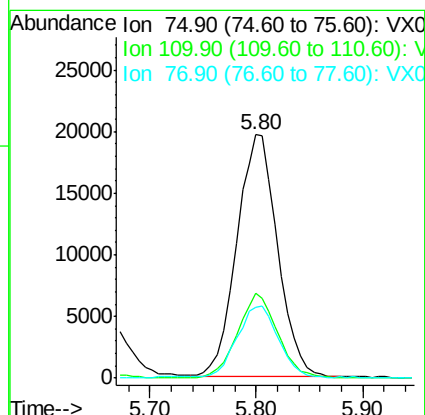
RT: 5.80 min Scan# 762

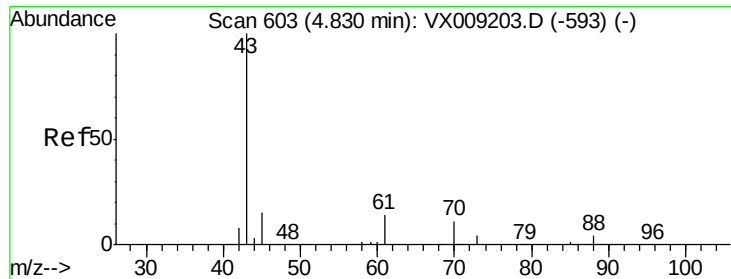
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:	75	Resp:	52529
Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.9	50.6
77	30.4	24.8	37.2





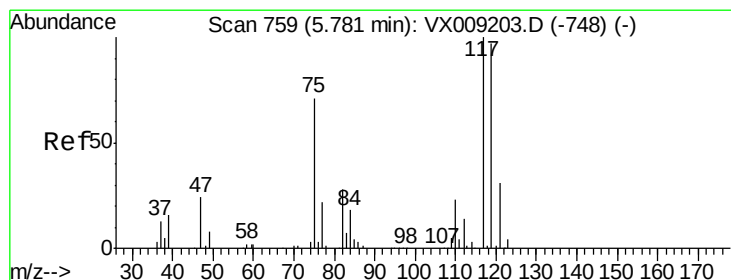
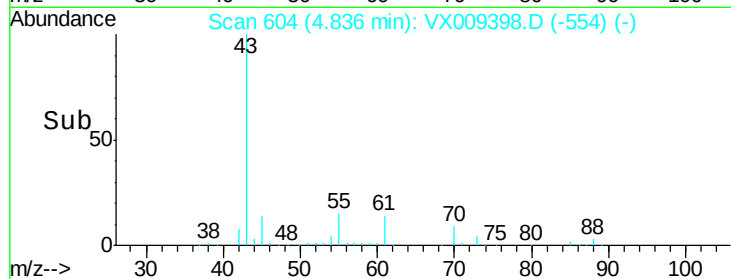
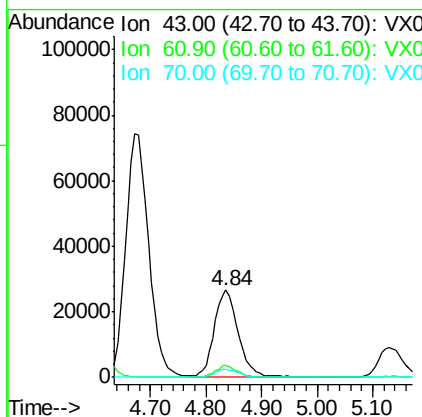
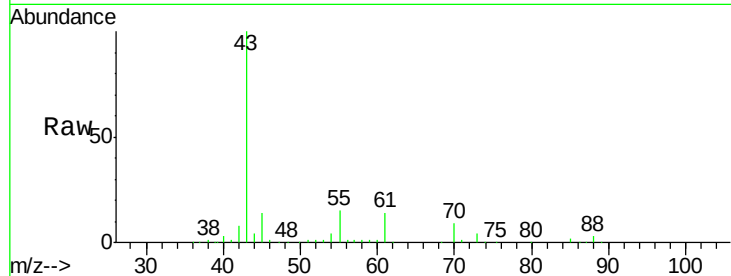
#37
Ethyl Acetate
Concen: 22.556 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.5	15.7
70	9.2	7.9	11.9

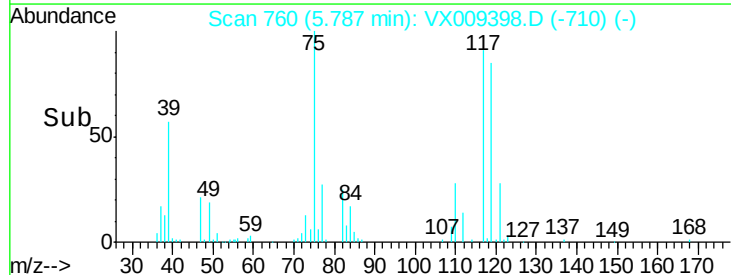
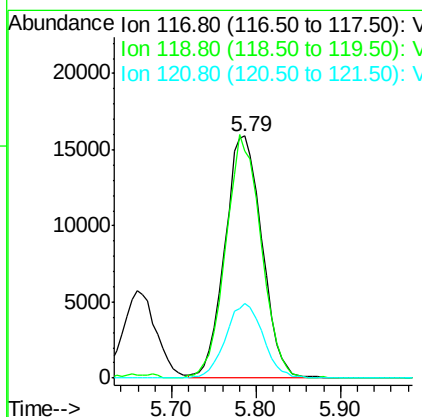
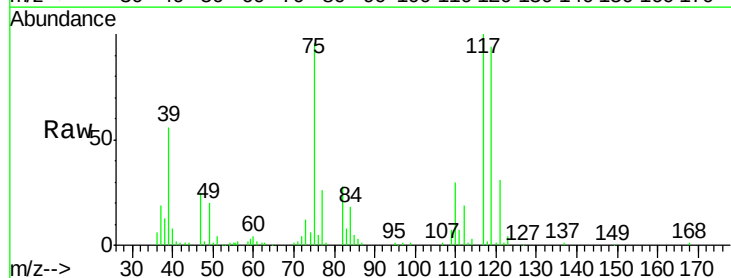
Manual Integrations
APPROVED

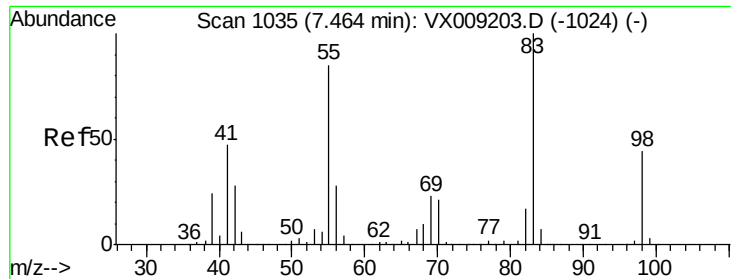
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#38
Carbon Tetrachloride
Concen: 20.820 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.5	116.3
121	30.7	24.7	37.1





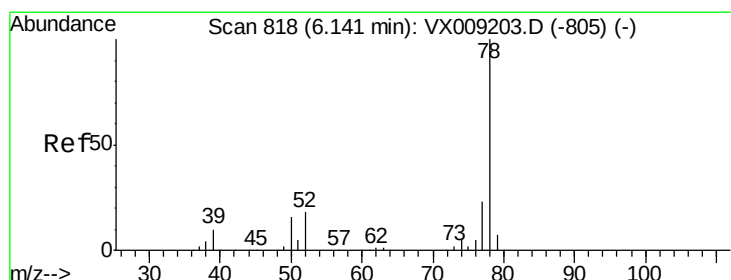
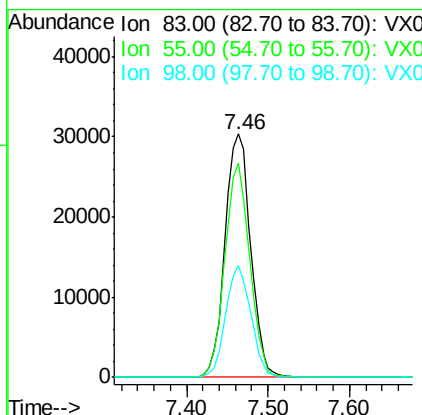
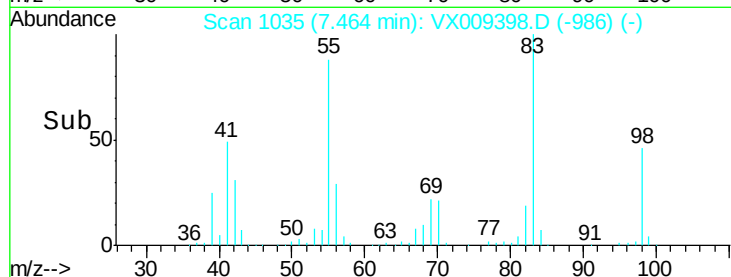
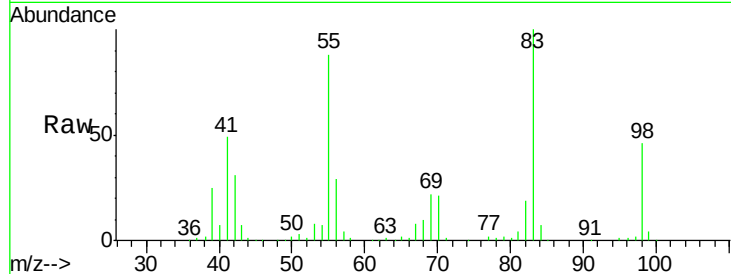
#39
Methylvlcyclohexane
Concen: 21.299 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.7	67.7	101.5
98	45.7	35.5	53.3

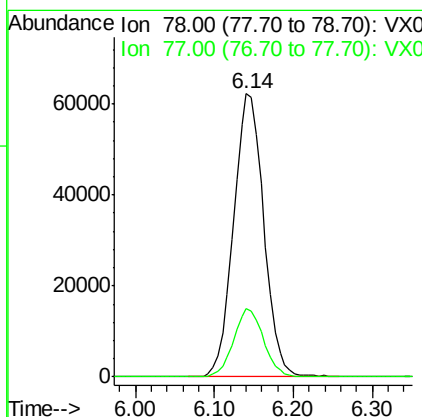
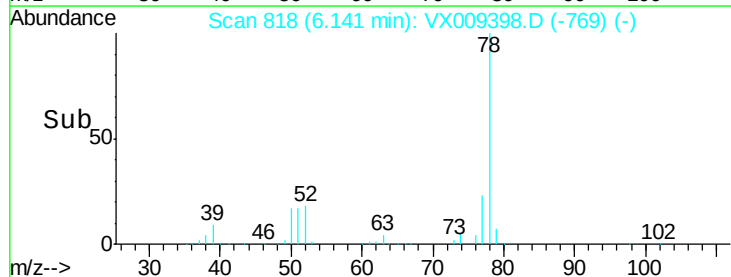
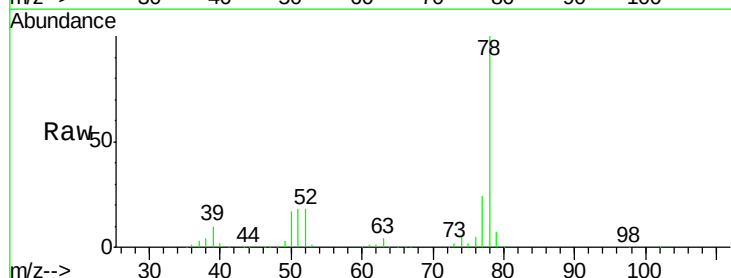
Manual Integrations
APPROVED

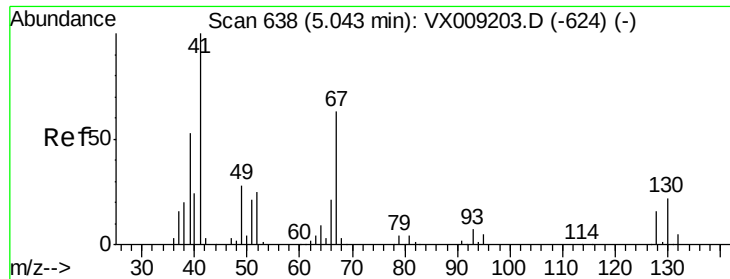
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#40
Benzene
Concen: 21.301 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





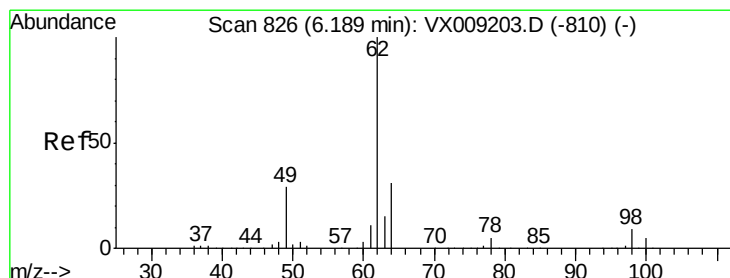
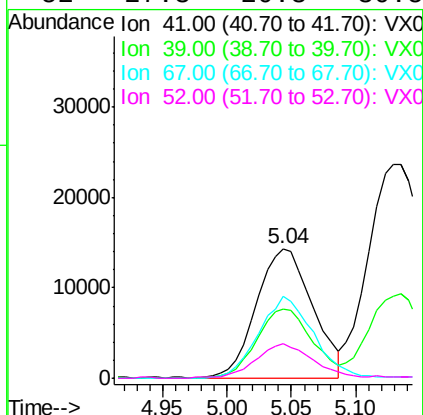
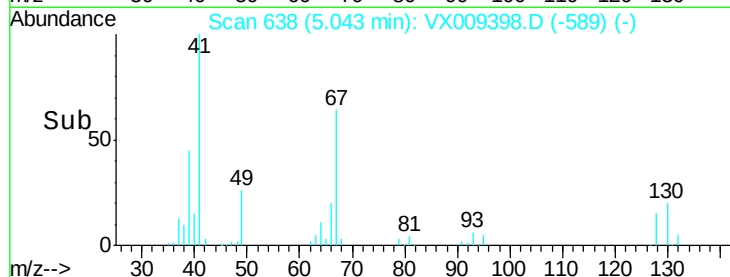
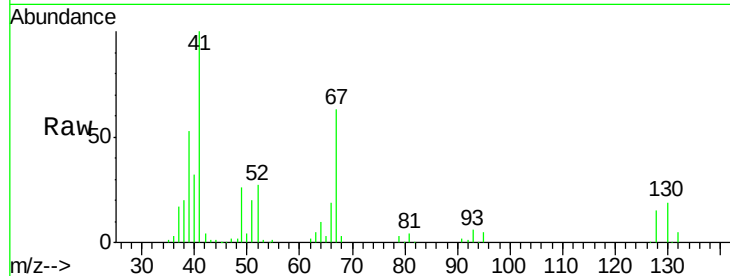
#41
Methacrylonitrile
Concen: 20.547 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampled :
VX0508WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	42.0	63.0	
67	62.5	49.8	74.8	
52	27.3	20.3	30.5	

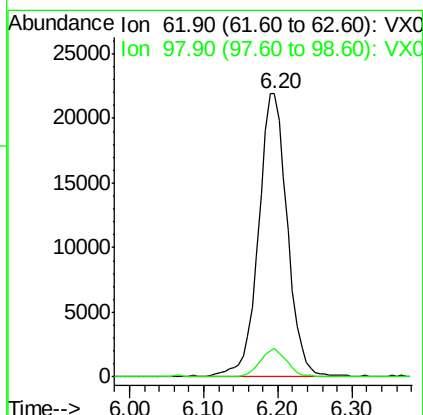
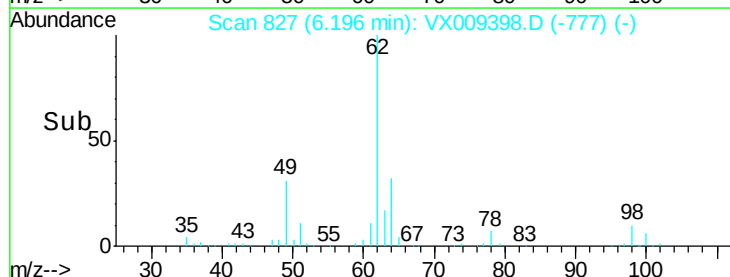
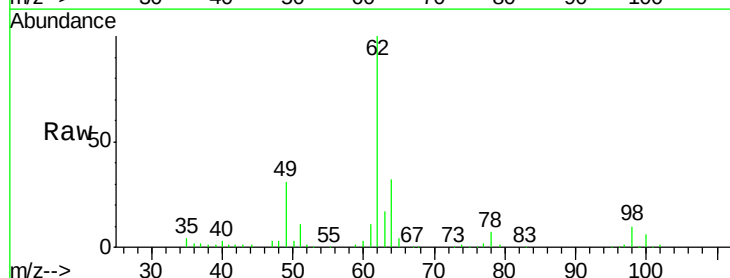
Manual Integrations
APPROVED

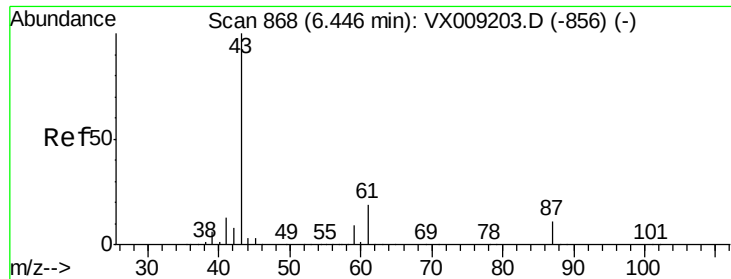
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.279 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	18.2	





#43

Isopropyl Acetate

Concen: 21.502 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

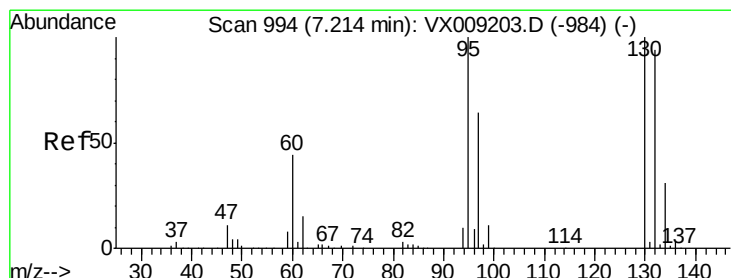
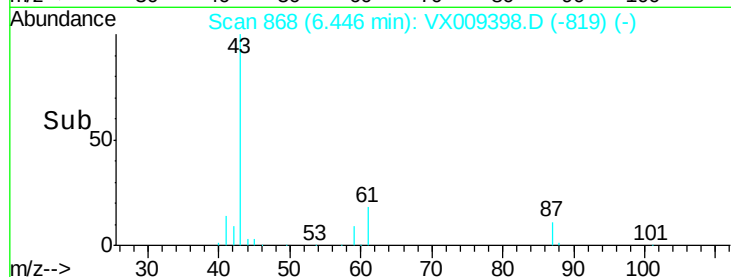
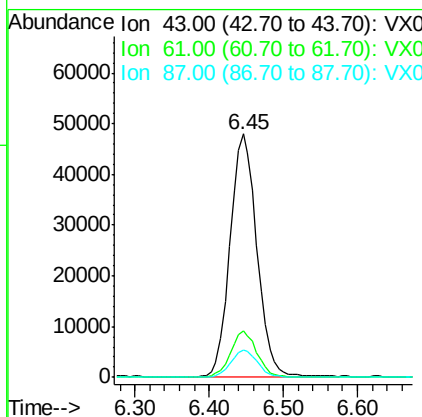
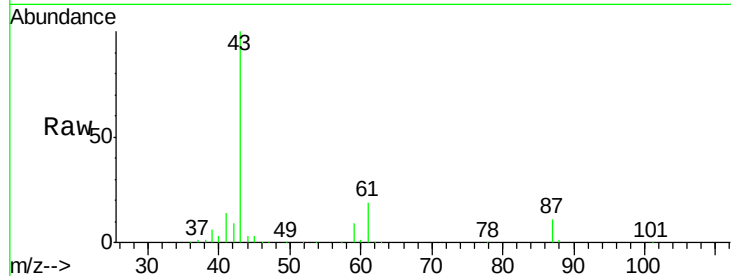
ClientSampleId :

VX0508WBSD01

Tot Ion:	43	Resp:	120594
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.1	22.7
87	11.3	9.0	13.6

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#44

Trichloroethene

Concen: 20.976 ug/l

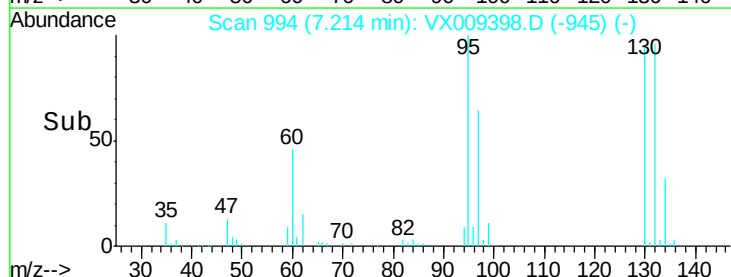
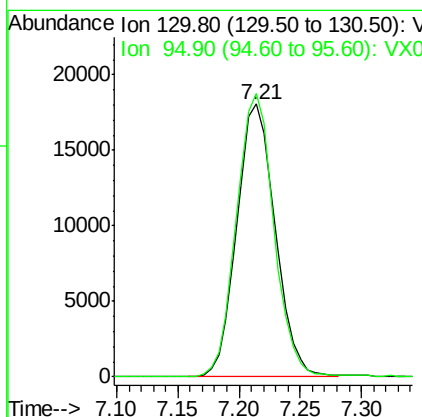
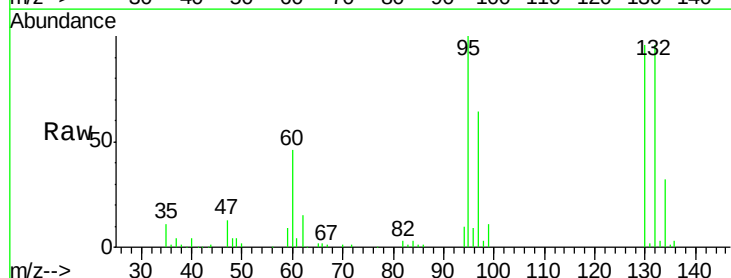
RT: 7.21 min Scan# 994

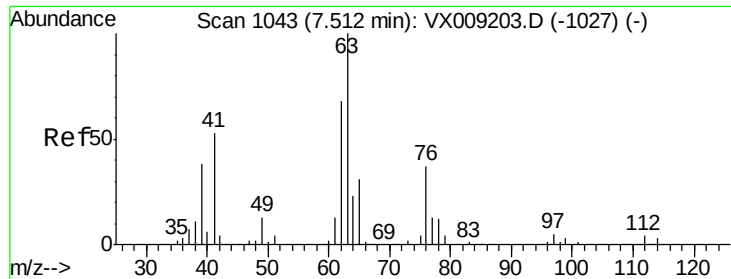
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:	130	Resp:	39494
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	199.2





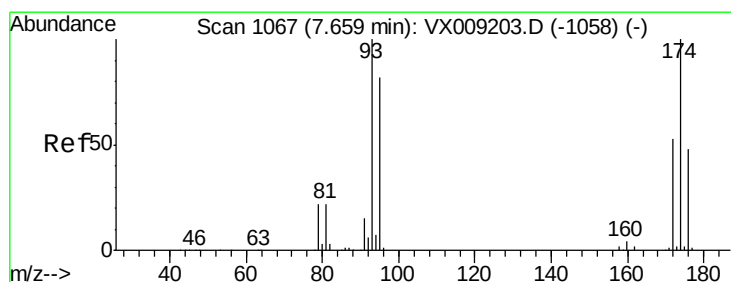
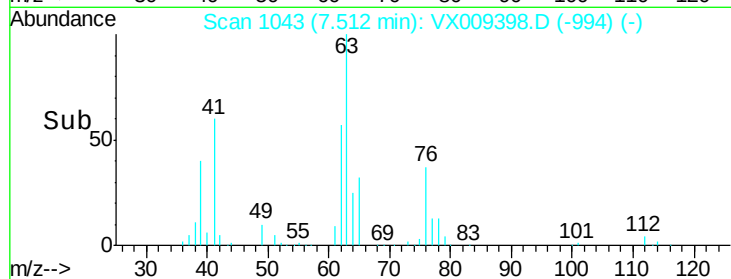
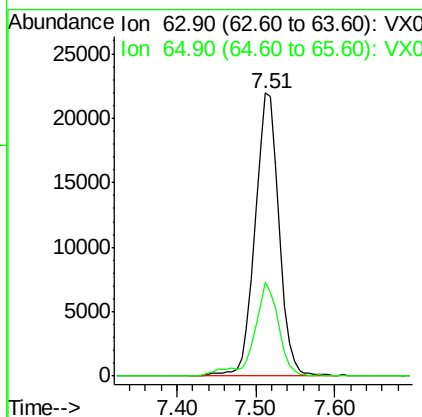
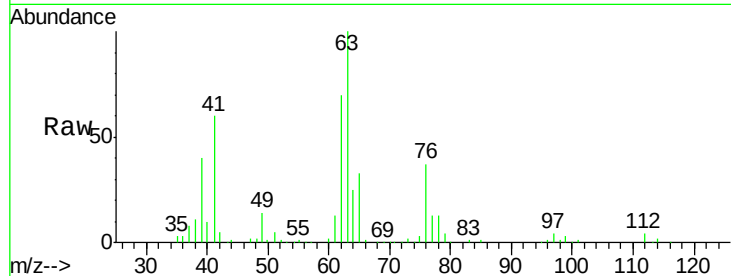
#45
 1,2-Dichloropropane
 Concen: 21.014 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0508WBSD01

Tot Ion: 63 Resp: 46343
 Ion Ratio Lower Upper
 63 100
 65 33.1 25.0 37.6

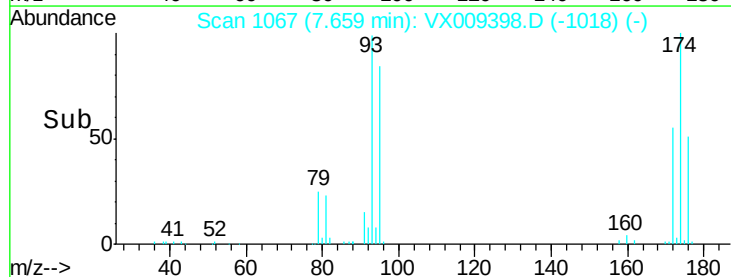
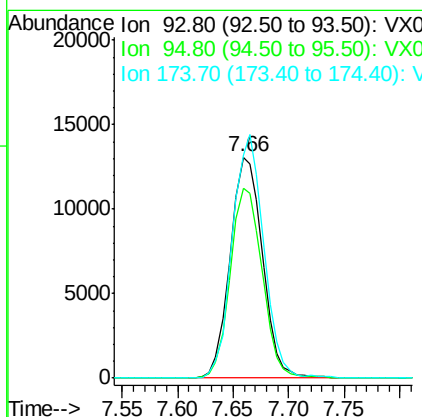
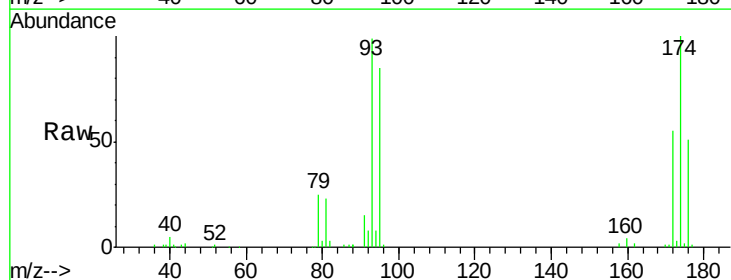
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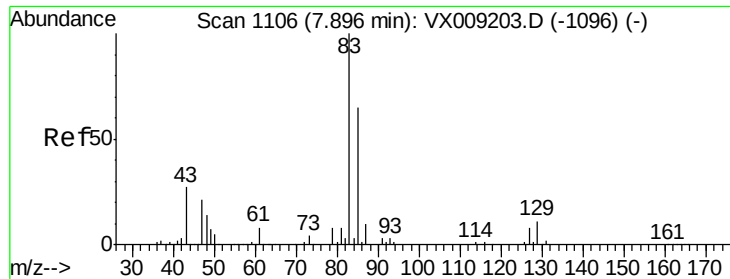
MMDadoda
 5/9/2019 9:49:37 AM



#46
 Dibromomethane
 Concen: 20.614 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 93 Resp: 26400
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.5 99.7
 174 107.3 82.1 123.1





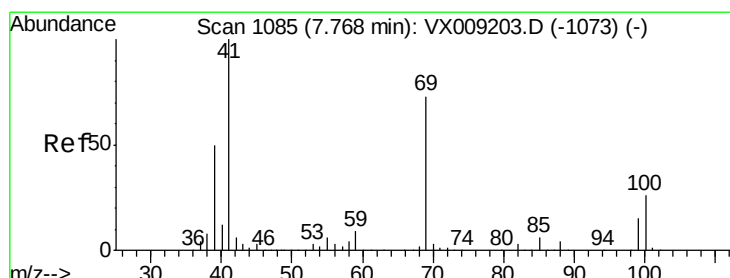
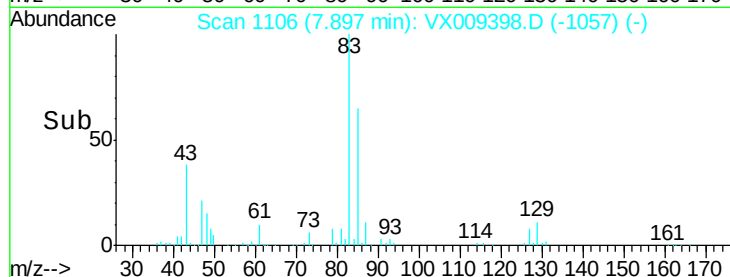
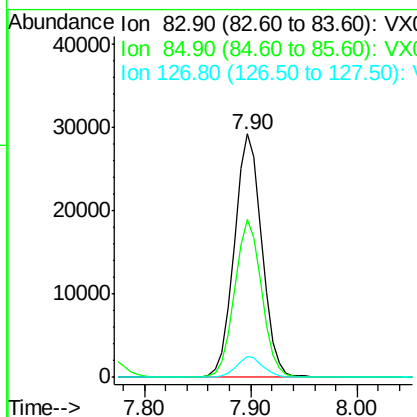
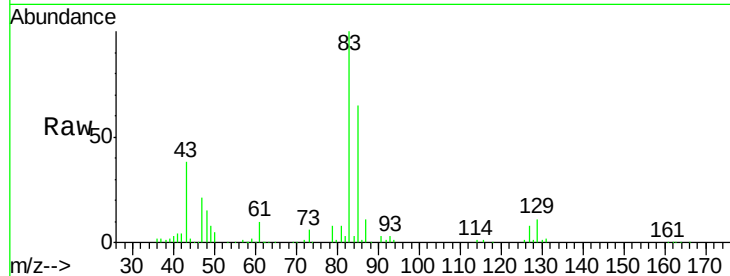
#47
Bromodichloromethane
Concen: 20.762 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	53037		
85	64.8		52.4	78.6
127	8.4		6.6	10.0

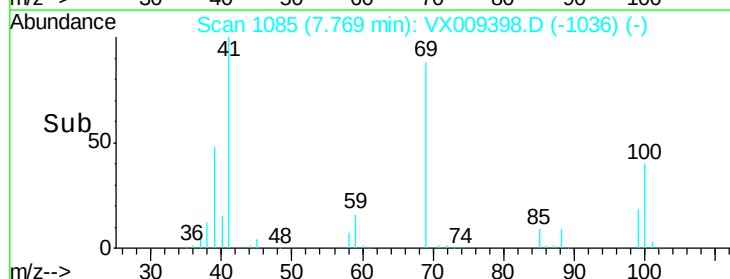
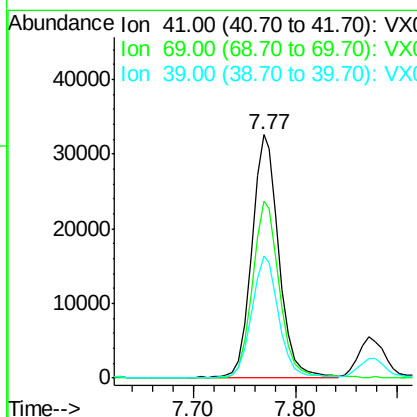
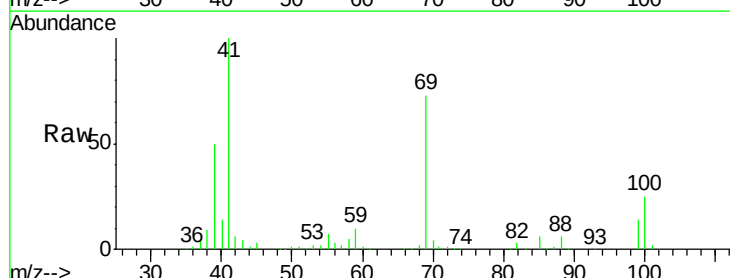
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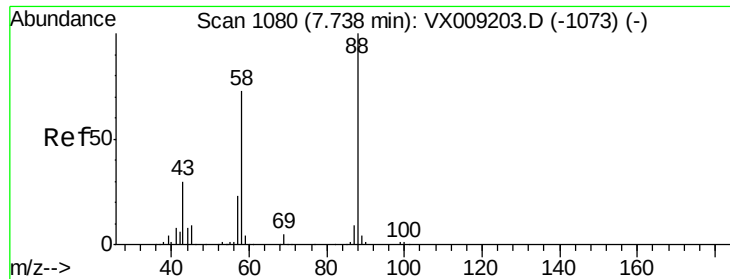
MMDadoda
5/9/2019 9:49:37 AM



#48
Methyl methacrylate
Concen: 21.451 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	59688		
69	72.7		59.1	88.7
39	50.4		40.4	60.6





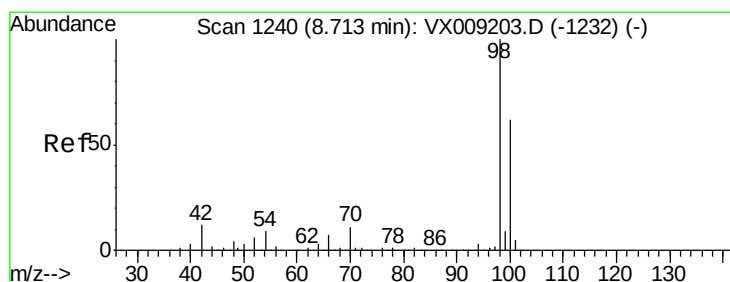
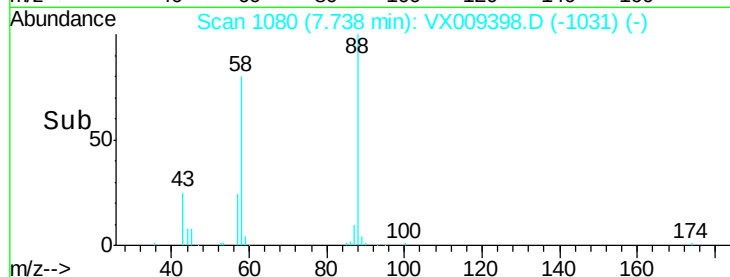
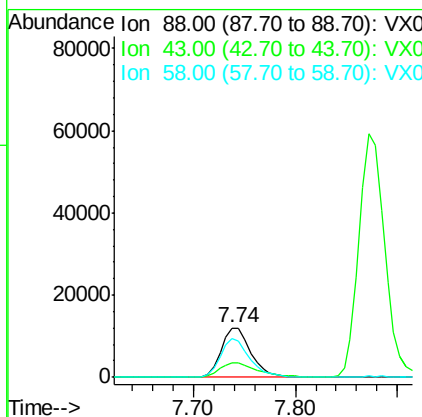
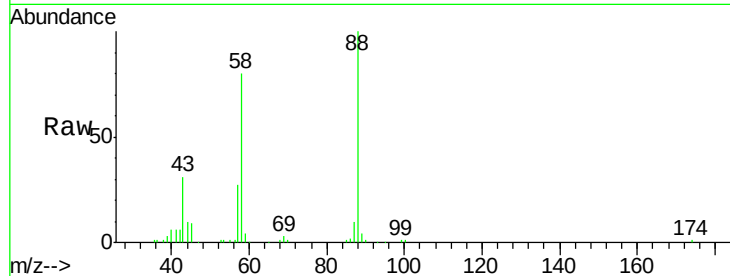
#49
1,4-Dioxane
Concen: 433.391 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	28.6	42.8
58	78.0	61.7	92.5

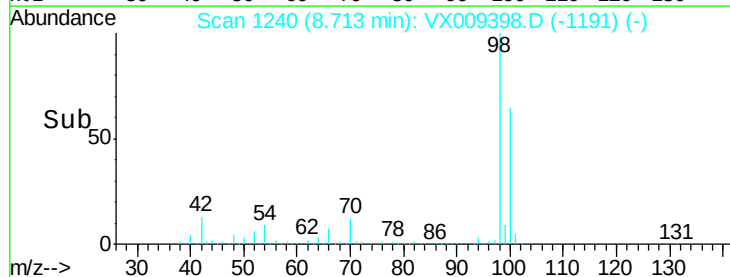
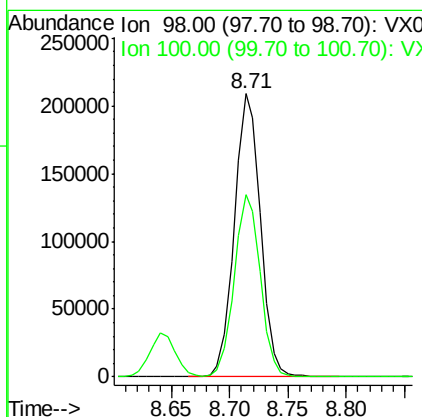
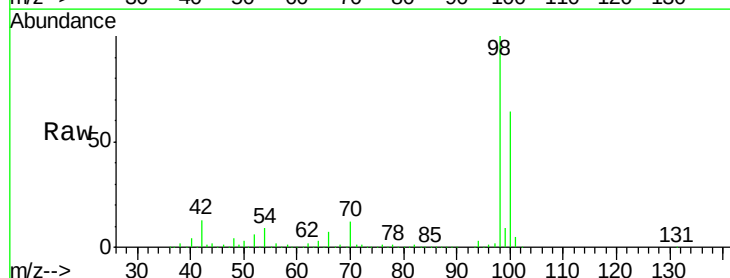
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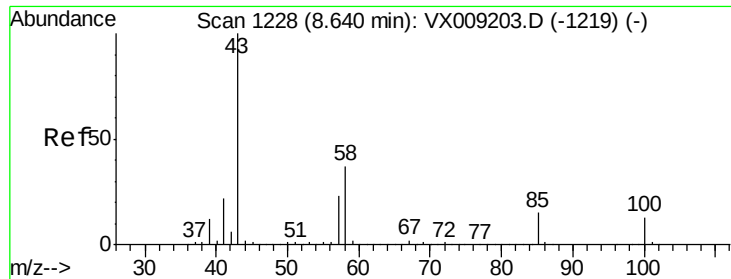
MMDadoda
5/9/2019 9:49:37 AM



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 108.515 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 43 Resp: 397801

Ion Ratio Lower Upper

43 100

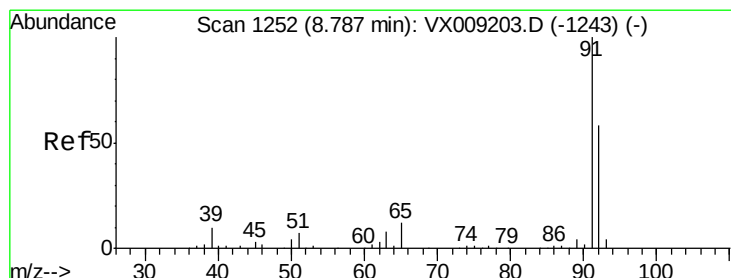
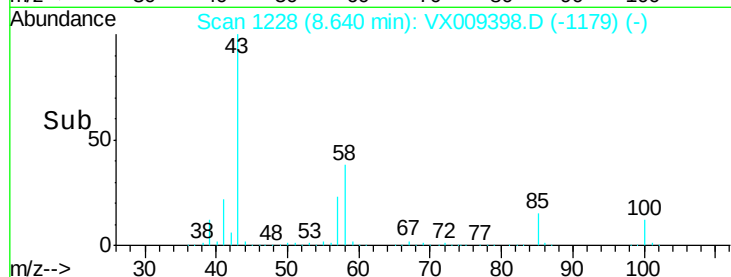
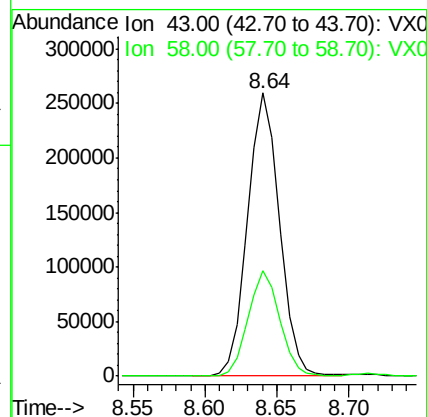
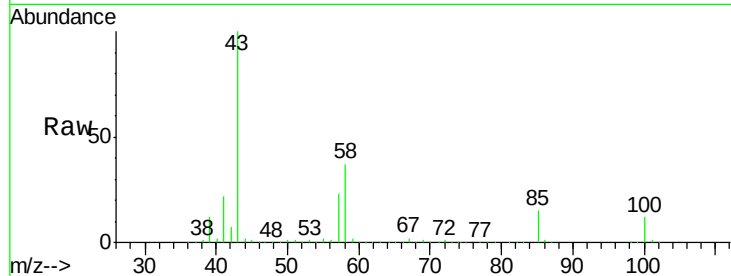
58 36.7 29.5 44.3

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#52

Toluene

Concen: 21.396 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009398.D

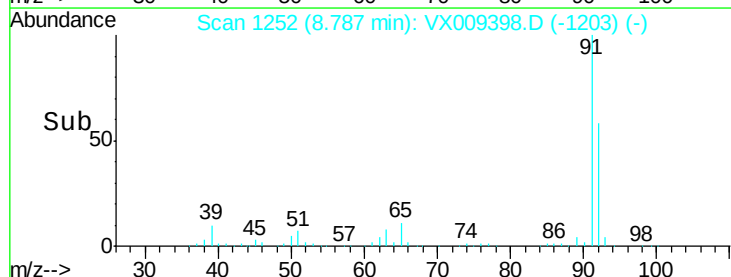
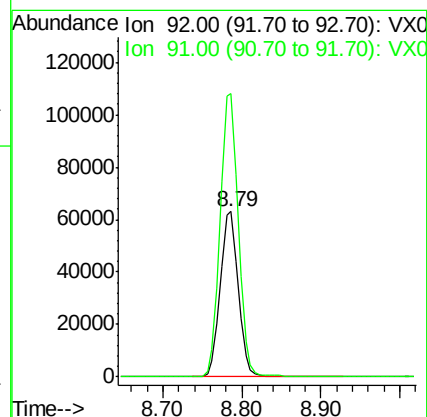
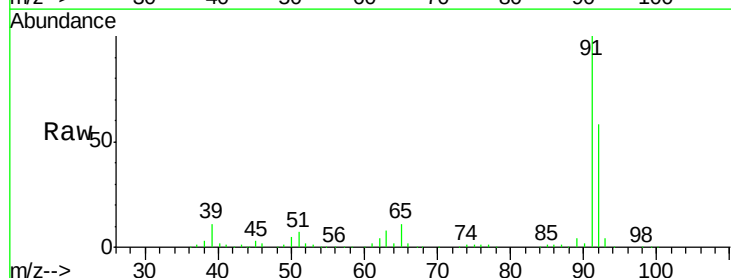
Acq: 08 May 2019 15:10

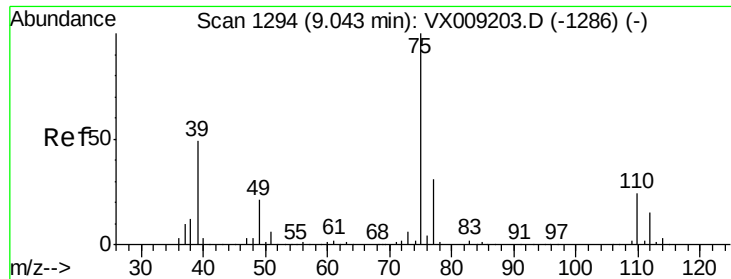
Tgt Ion: 92 Resp: 101295

Ion Ratio Lower Upper

92 100

91 172.3 138.8 208.2





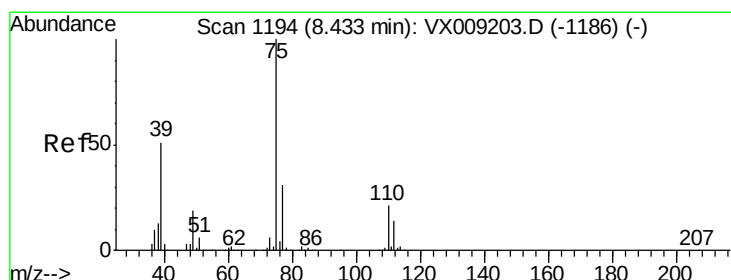
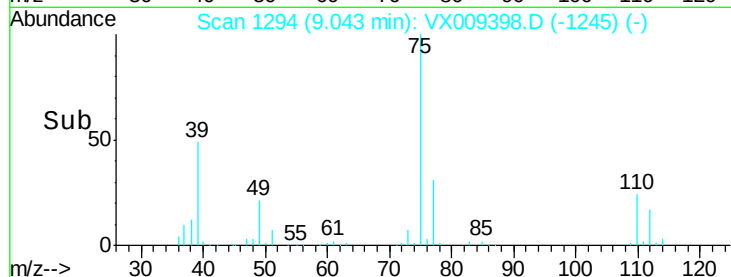
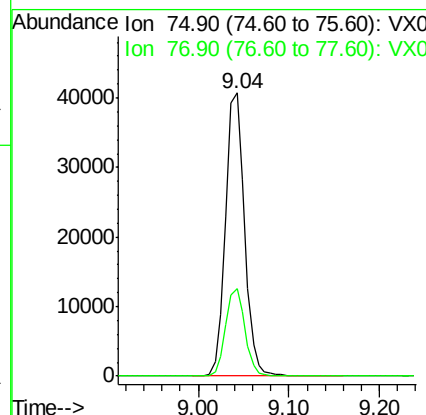
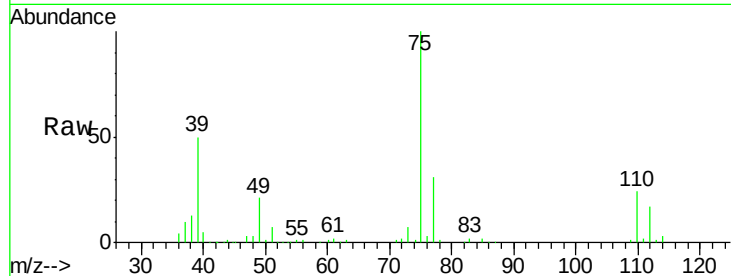
#53
t-1,3-Dichloropropene
Concen: 20.816 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion: 75 Resp: 60035
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

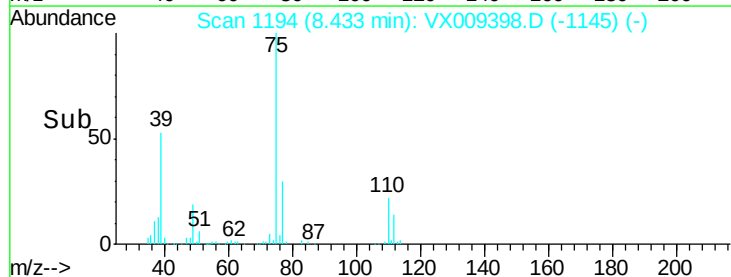
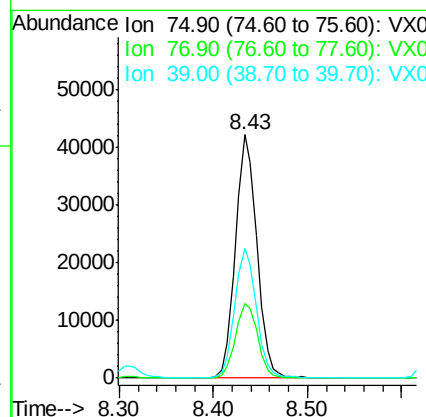
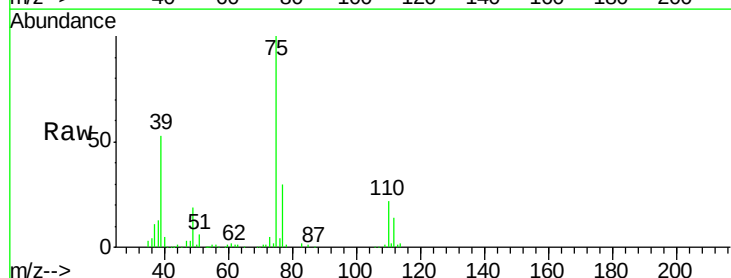
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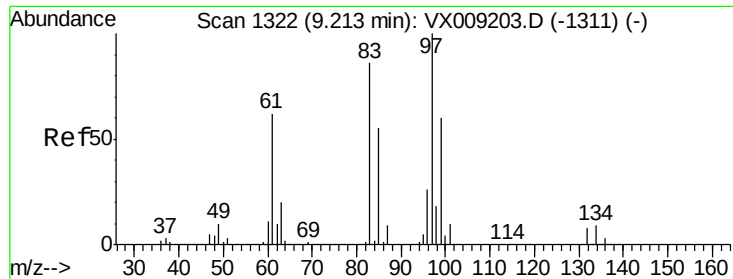
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.929 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 75 Resp: 66813
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8
39 52.9 40.6 60.8





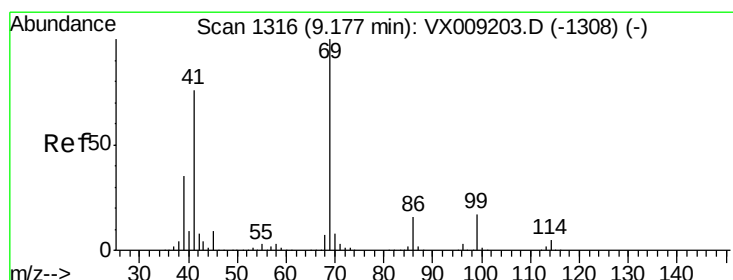
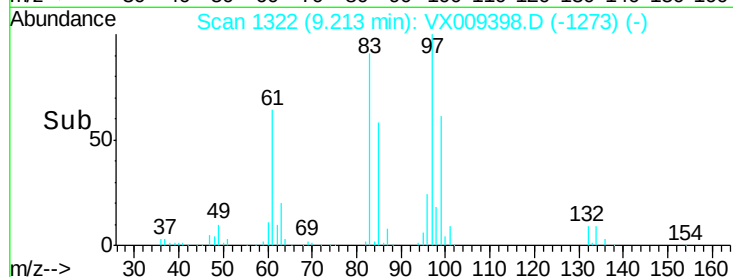
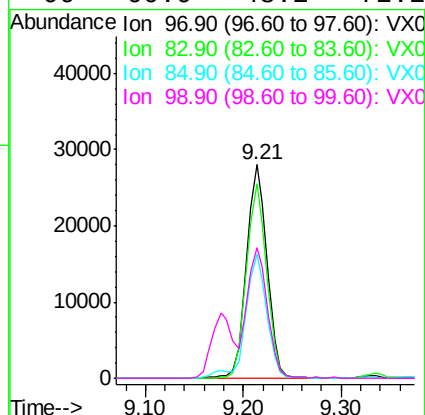
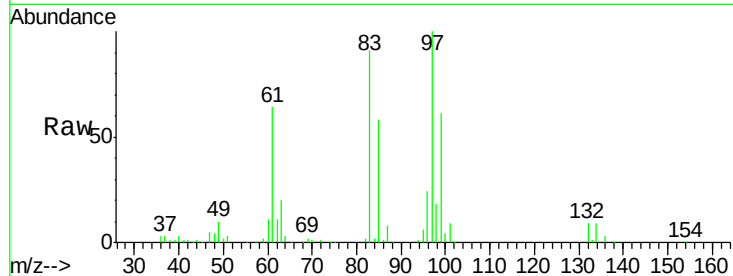
#55
 1,1,2-Trichloroethane
 Concen: 21.222 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion:	97	Resp:	40990
Ion	Ratio	Lower	Upper
97	100		
83	91.0	68.9	103.3
85	58.1	43.8	65.6
99	60.9	48.2	72.2

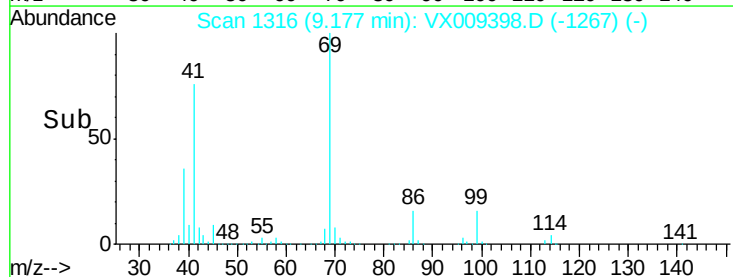
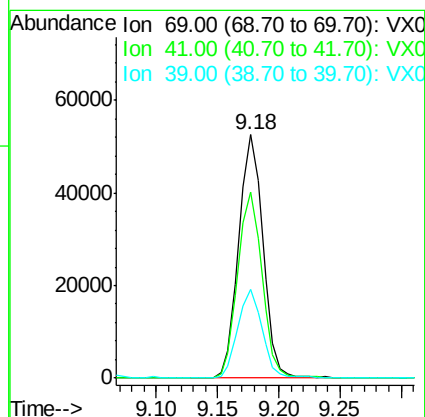
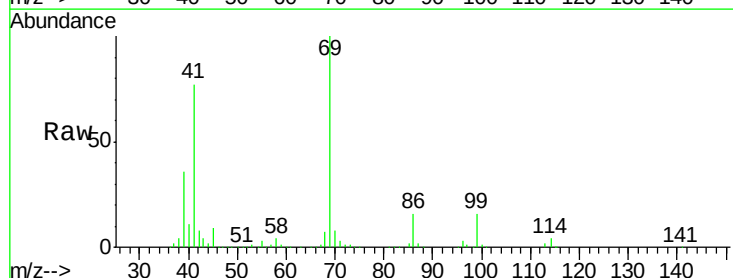
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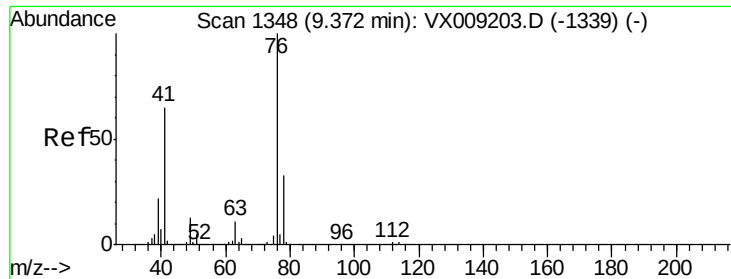
MMDadoda
 5/9/2019 9:49:37 AM



#56
 Ethyl methacrylate
 Concen: 20.990 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion:	69	Resp:	72368
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	36.8	28.2	42.4





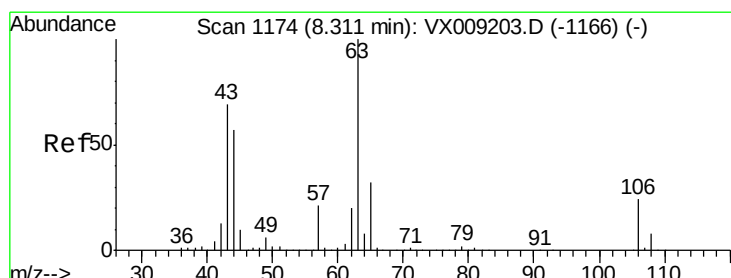
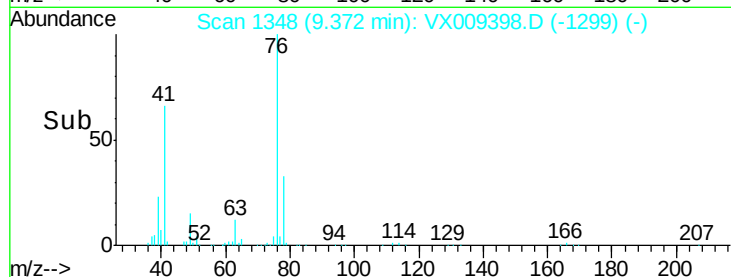
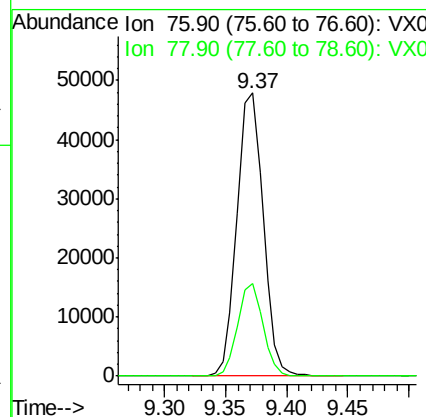
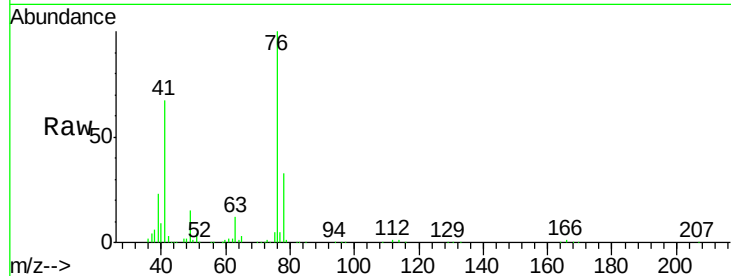
#57
 1,3-Dichloropropane
 Concen: 20.930 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion: 76 Resp: 71138
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.5 38.3

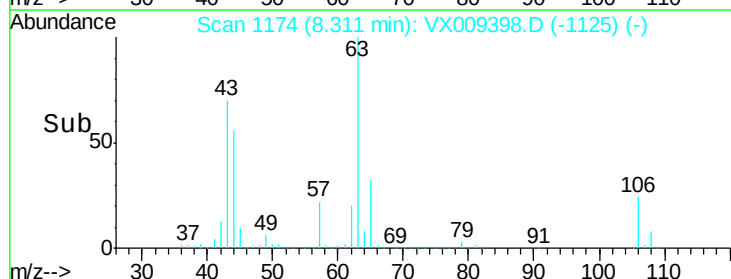
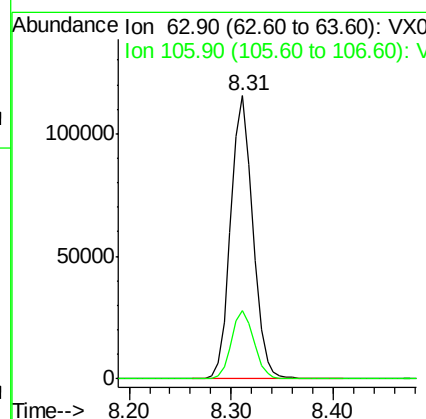
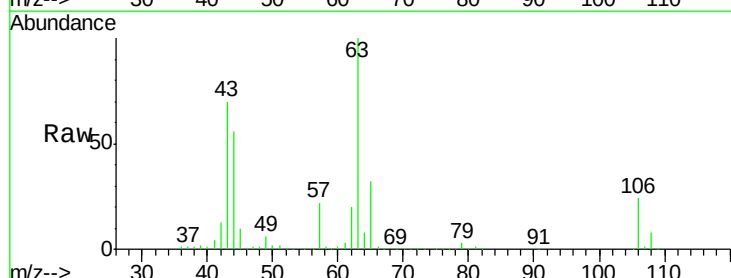
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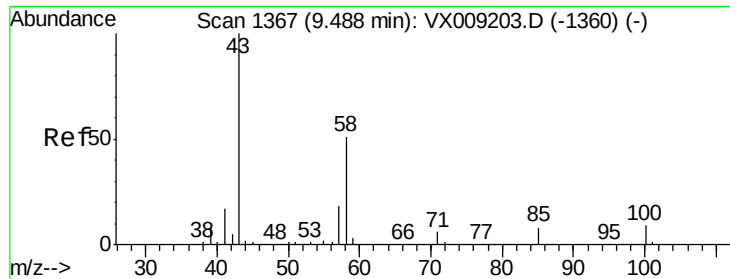
MMDadoda
 5/9/2019 9:49:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.023 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion: 63 Resp: 173800
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5





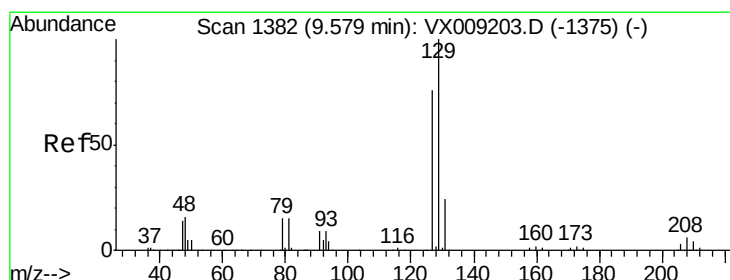
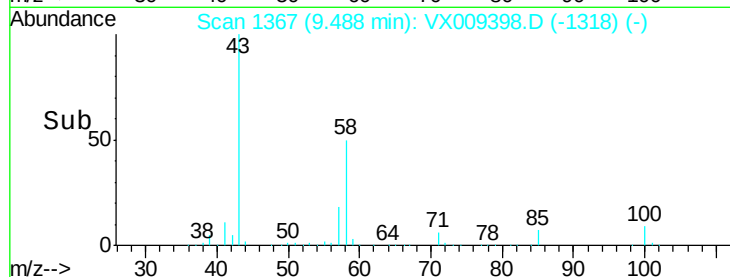
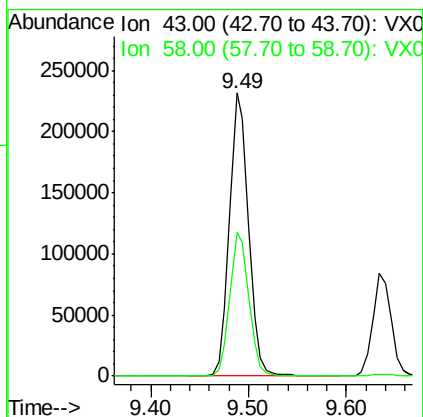
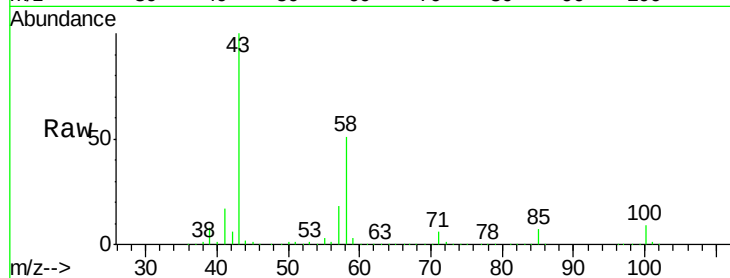
#59
2-Hexanone
Concen: 108.815 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion: 43 Resp: 313291
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.7

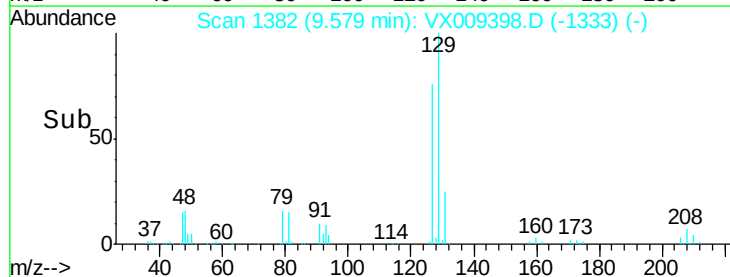
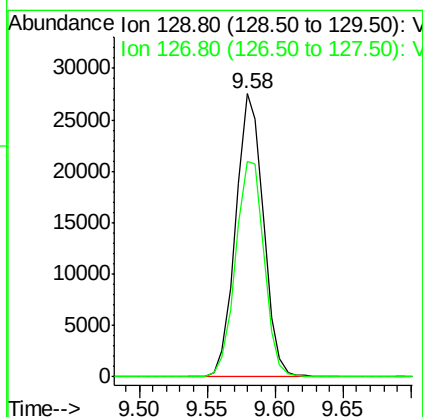
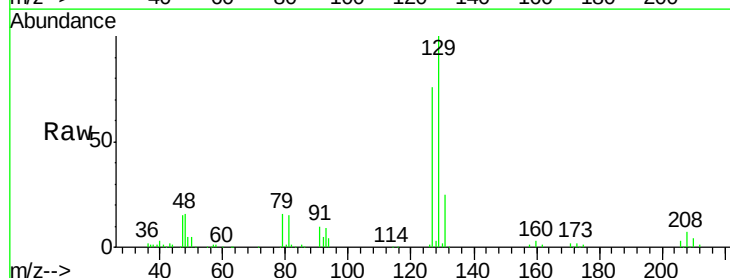
Manual Integrations
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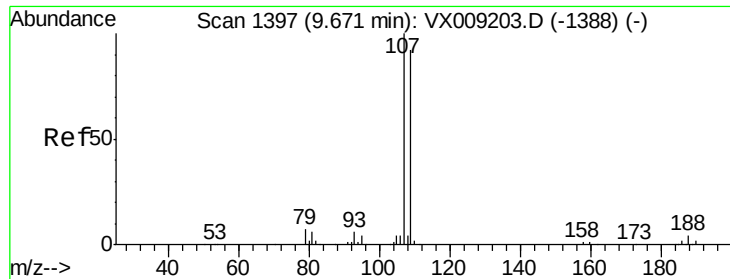
MMDadoda
5/9/2019 9:49:37 AM



#60
Dibromochloromethane
Concen: 20.685 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion: 129 Resp: 39021
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 21.281 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 107 Resp: 41491

Ion Ratio Lower Upper

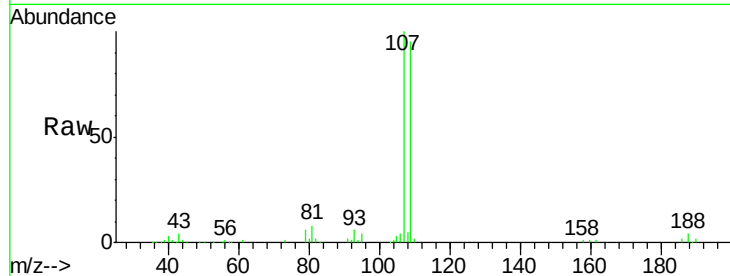
107 100

109 95.0 75.2 112.8

Manual Integrations
APPROVED

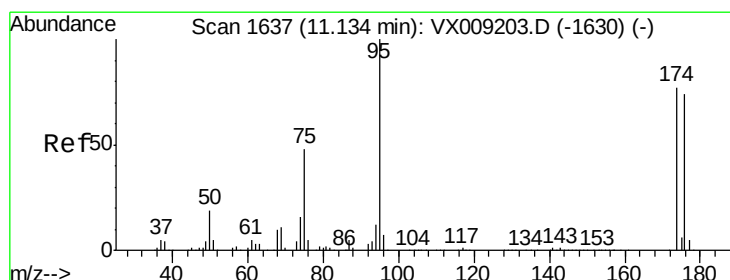
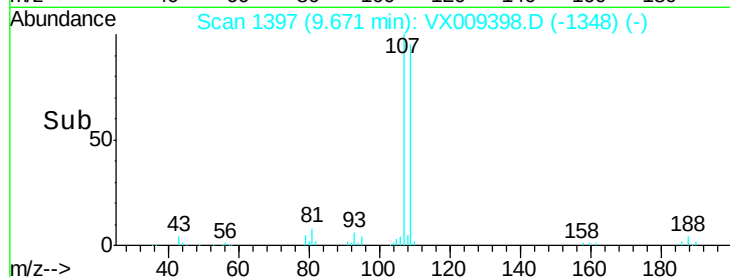
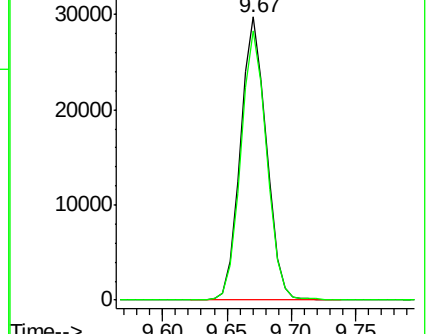
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

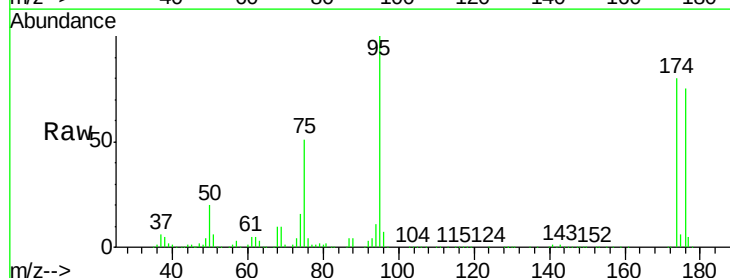
Tgt Ion: 95 Resp: 117334

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

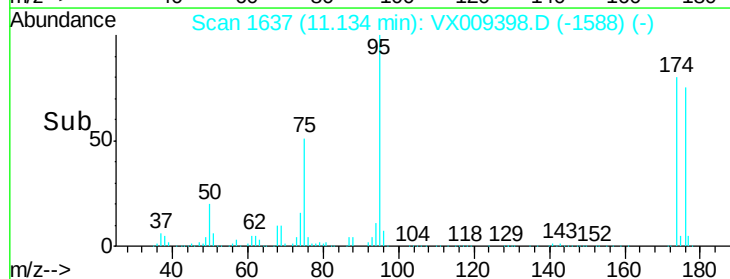
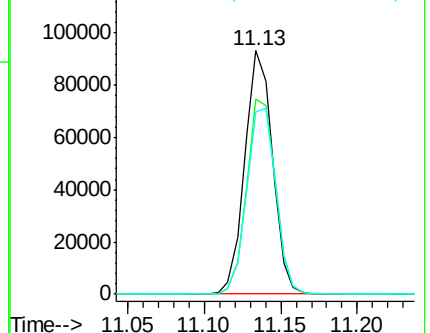
176 80.5 0.0 159.2

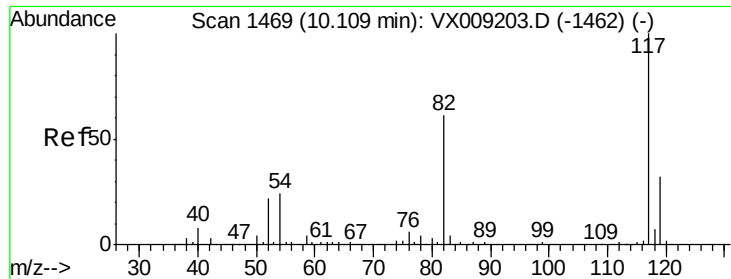


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





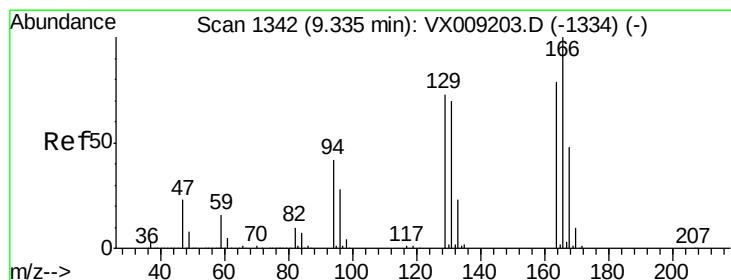
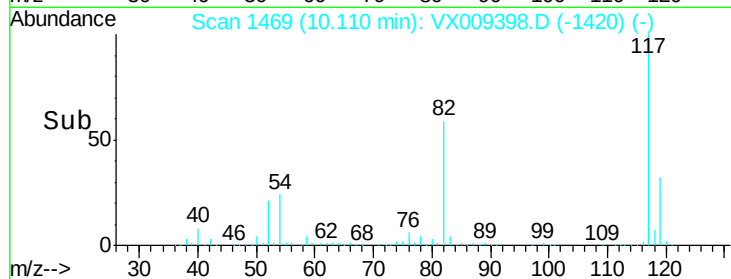
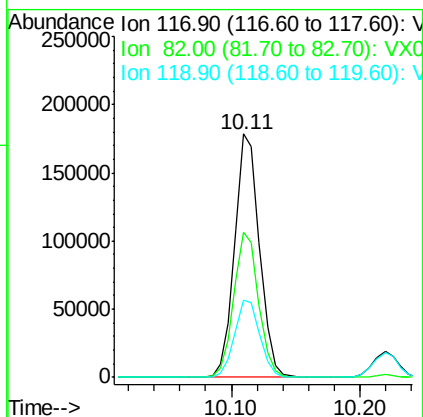
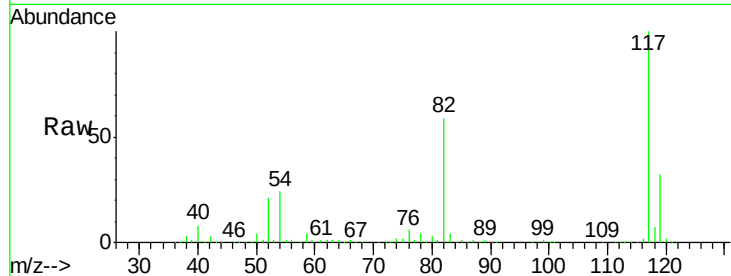
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	240418		
82	59.4	48.8	73.2	
119	32.0	25.8	38.6	

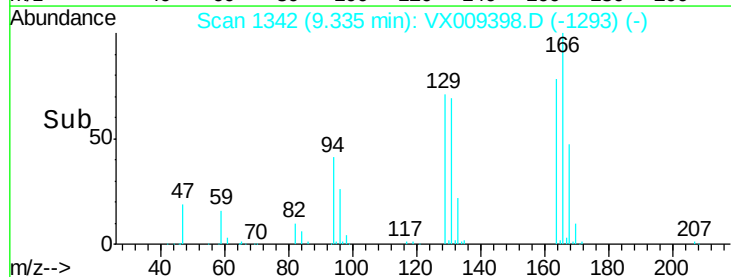
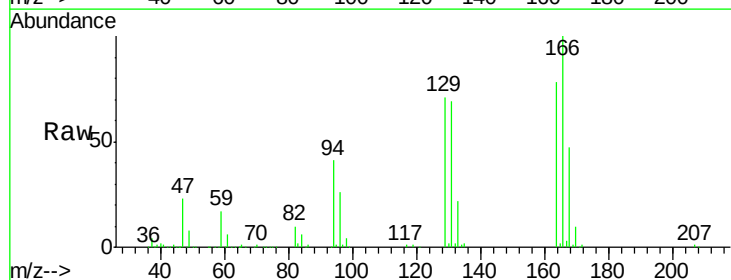
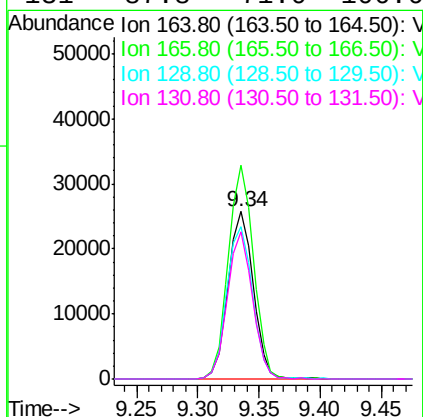
Manual Integrations
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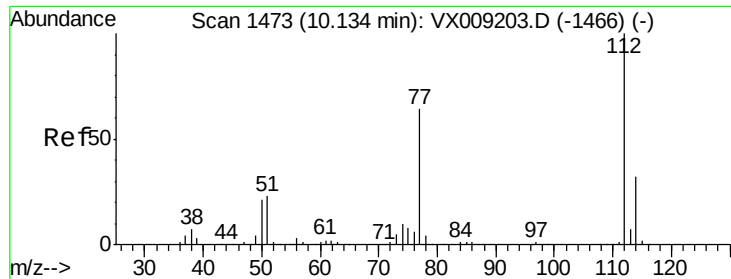
MMDadoda
5/9/2019 9:49:37 AM



#64
Tetrachloroethene
Concen: 22.254 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36701		
166	127.6	101.2	151.8	
129	91.1	74.3	111.5	
131	87.8	71.0	106.6	





#65

Chlorobenzene

Concen: 21.381 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:112 Resp: 102833

Ion Ratio Lower Upper

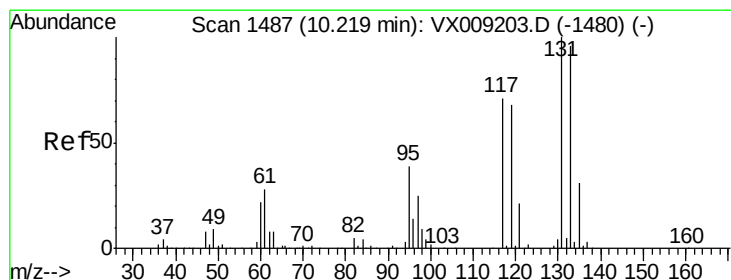
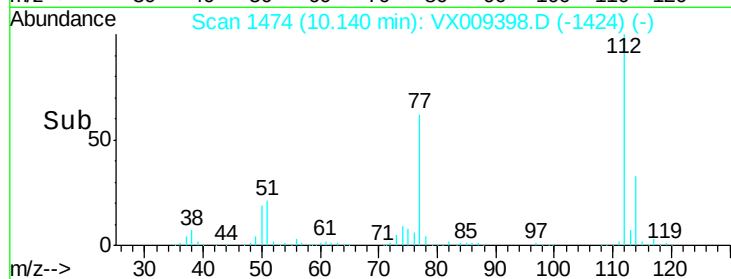
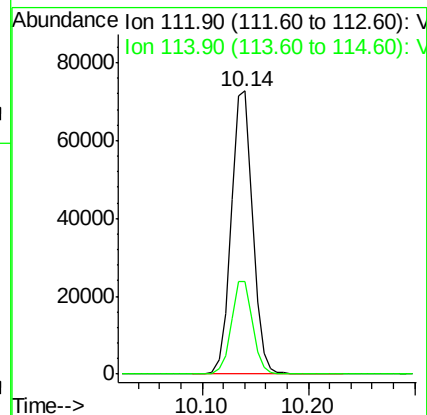
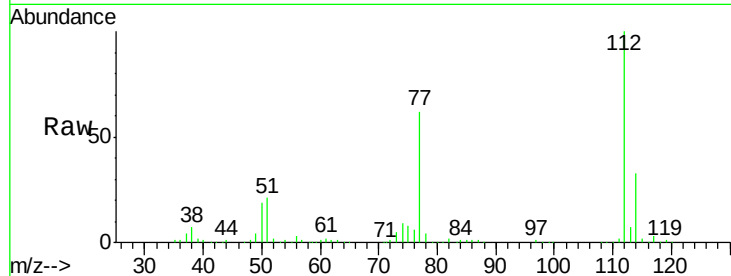
112 100

114 32.5 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 21.133 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

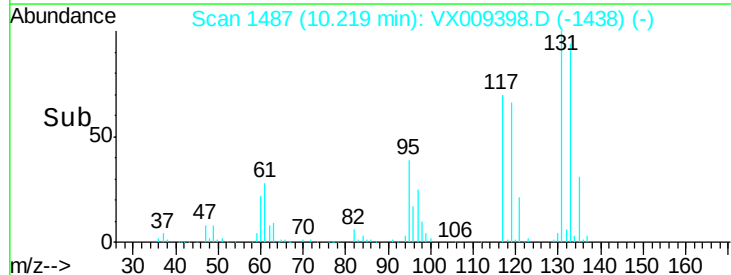
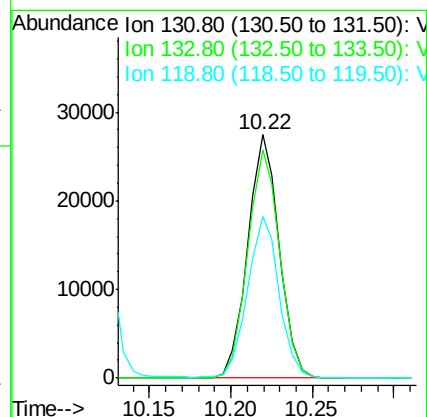
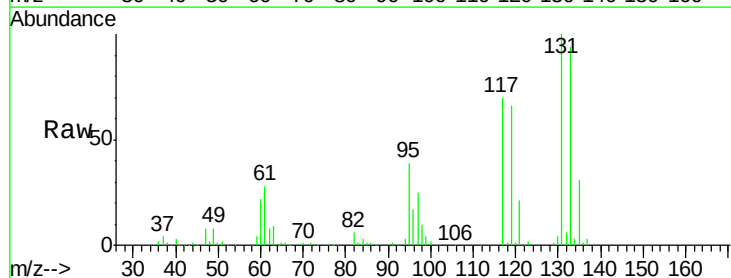
Tgt Ion:131 Resp: 36848

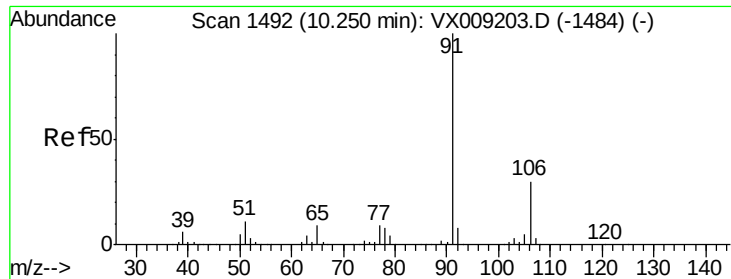
Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 66.6 33.5 100.4





#67

Ethyl Benzene

Concen: 21.504 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 91 Resp: 190334

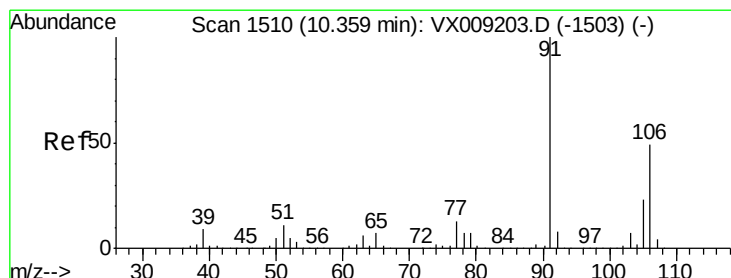
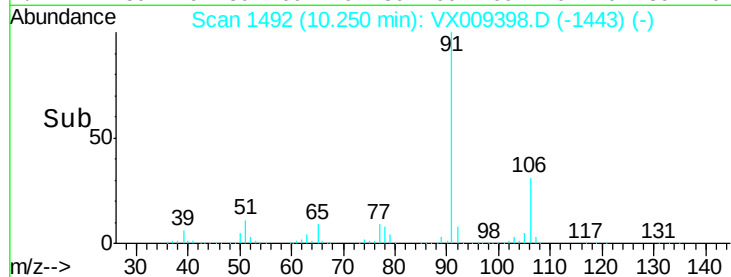
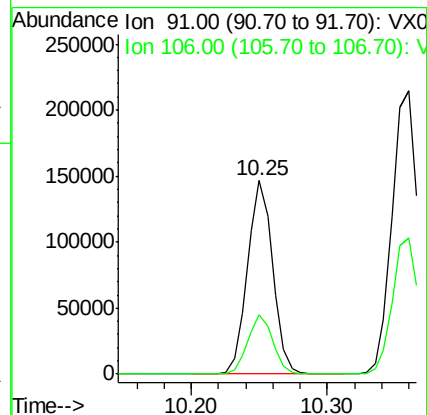
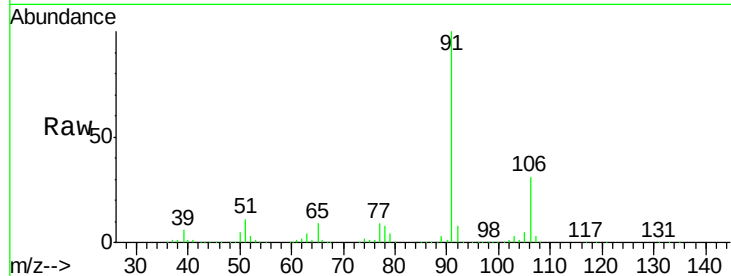
Ion Ratio Lower Upper

91 100

106 31.0 24.0 36.0

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#68

m/p-Xylenes

Concen: 43.192 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009398.D

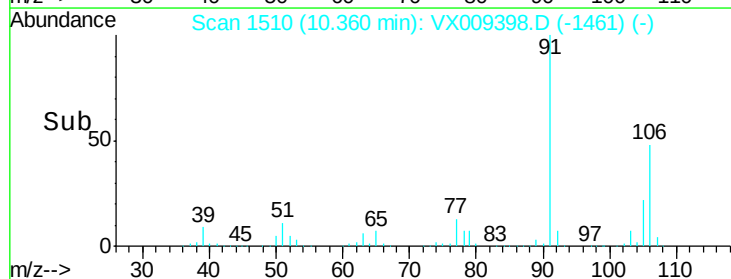
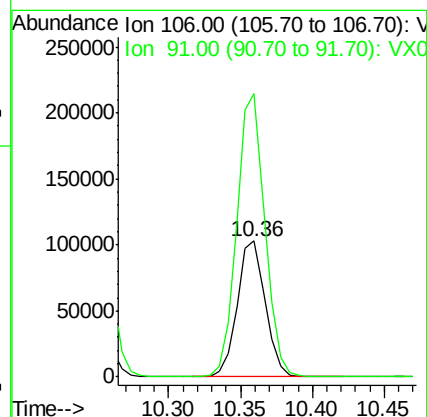
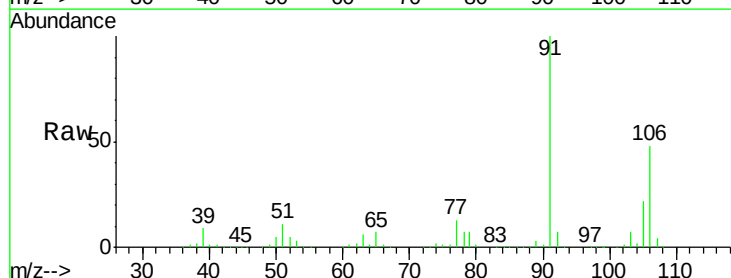
Acq: 08 May 2019 15:10

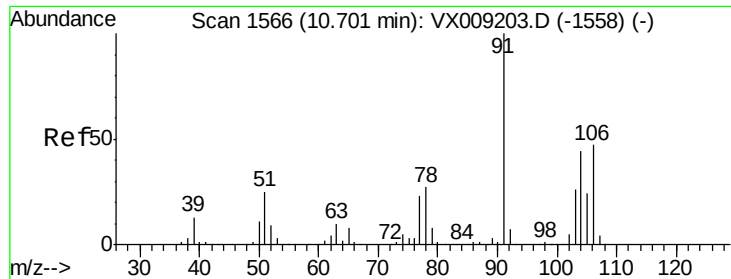
Tgt Ion: 106 Resp: 139706

Ion Ratio Lower Upper

106 100

91 209.5 164.0 246.0





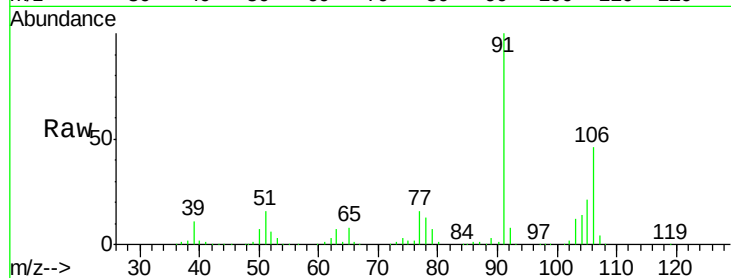
#69
o-Xylene
Concen: 21.566 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

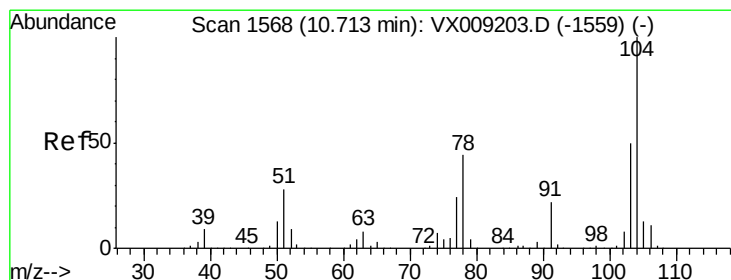
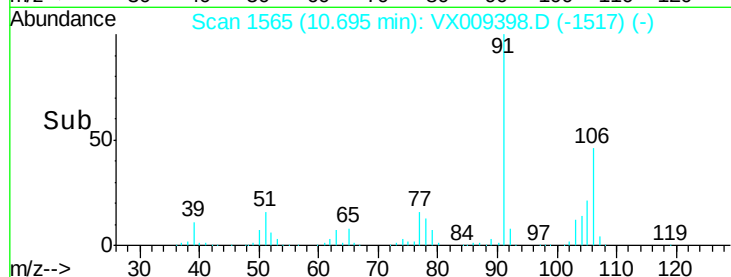
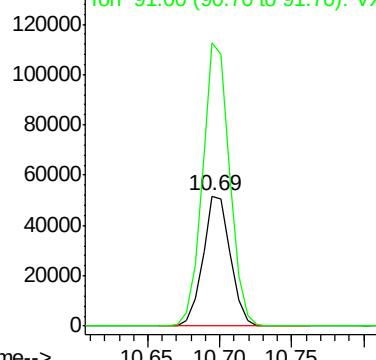
Tot Ion:106 Resp: 68823
Ion Ratio Lower Upper
106 100
91 215.5 109.5 328.4

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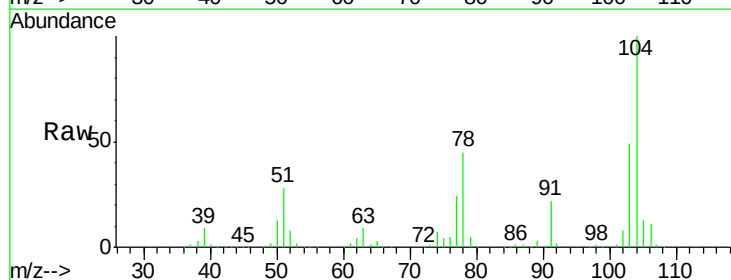


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

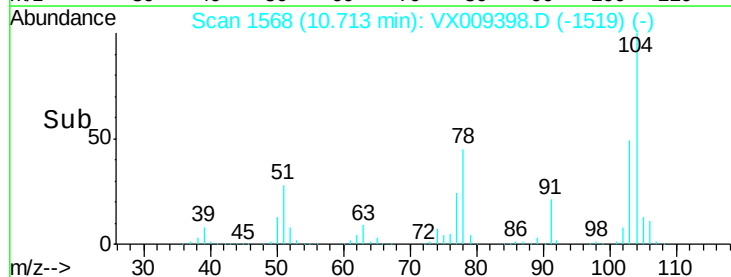
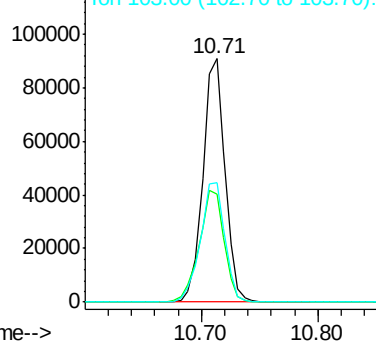


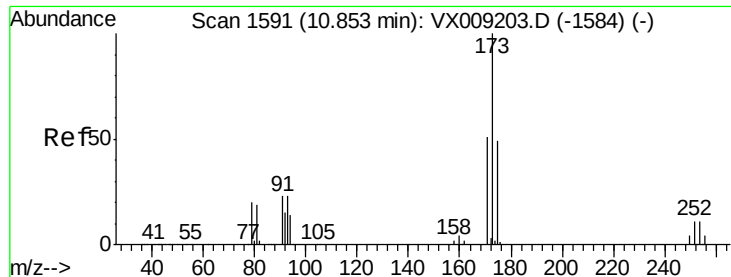
#70
Styrene
Concen: 21.706 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion:104 Resp: 120398
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 54.4 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.083 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:173 Resp: 29874

Ion Ratio Lower Upper

173 100

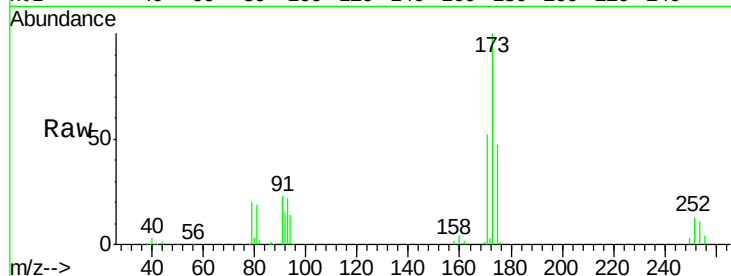
175 47.4 24.5 73.5

254 0.0 0.1 0.1#

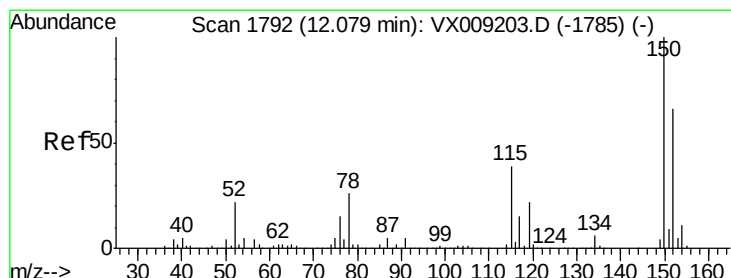
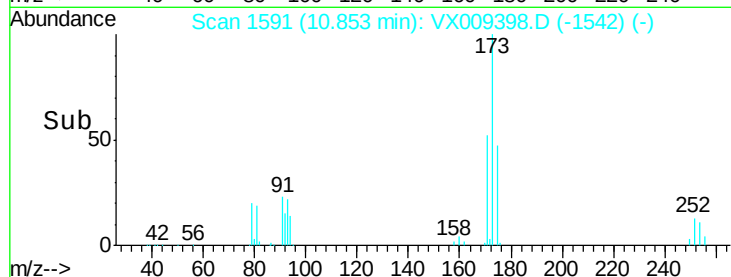
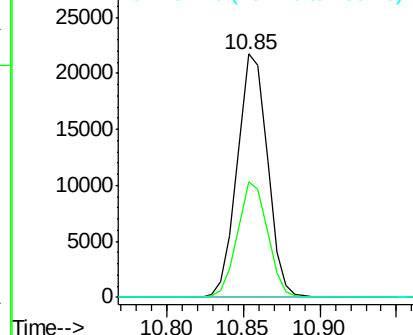
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

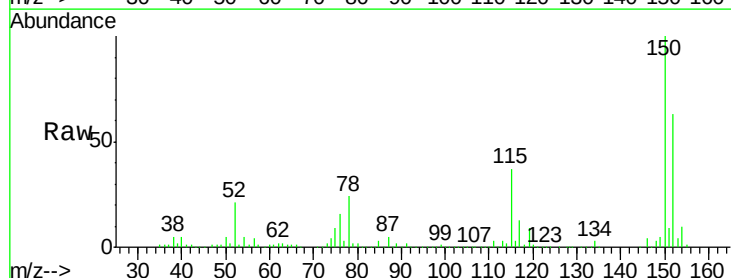
Tgt Ion:152 Resp: 117035

Ion Ratio Lower Upper

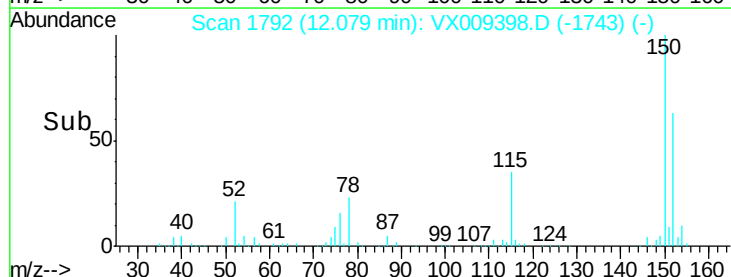
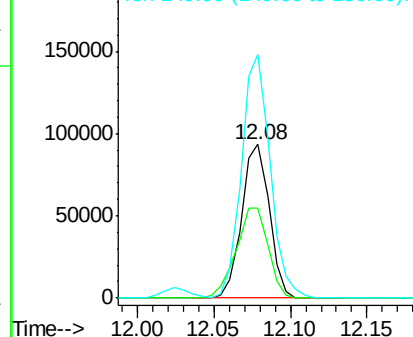
152 100

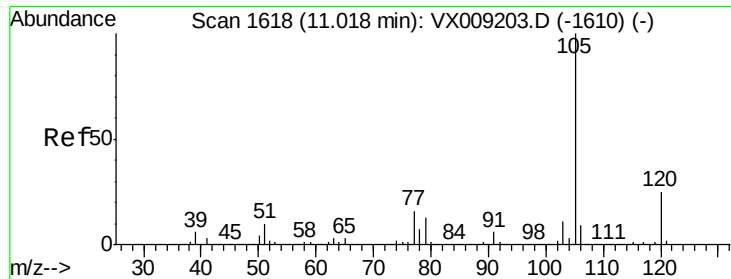
115 67.7 41.2 123.6

150 164.4 0.0 346.4



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: 21.447 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion: 105 Resp: 182528

Ion Ratio Lower Upper

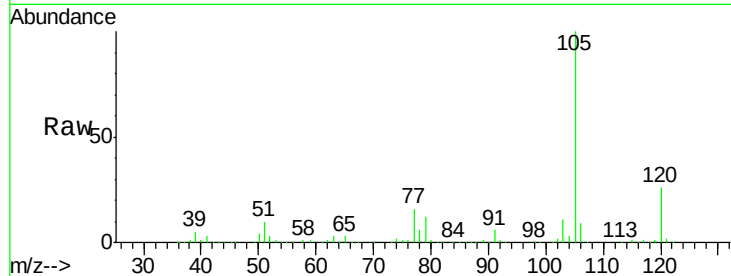
105 100

120 26.1 12.8 38.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

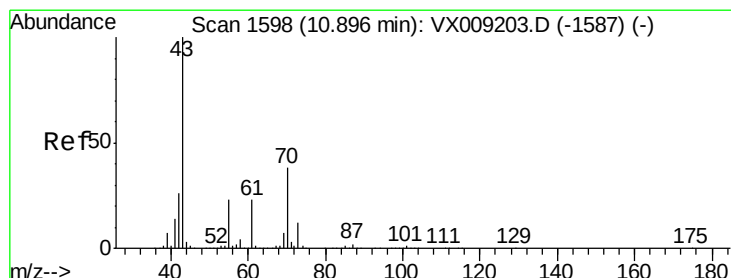
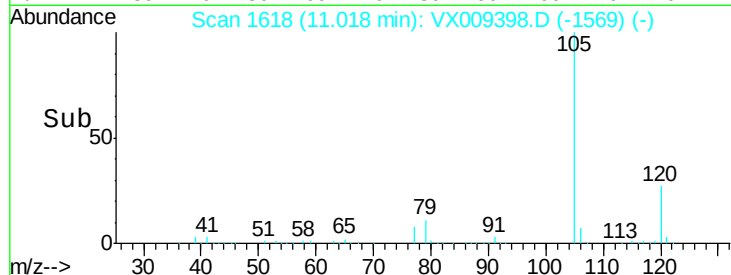
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 21.339 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion: 43 Resp: 105881

Ion Ratio Lower Upper

43 100

70 37.2 30.0 45.0

55 22.8 17.9 26.9

61 22.4 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

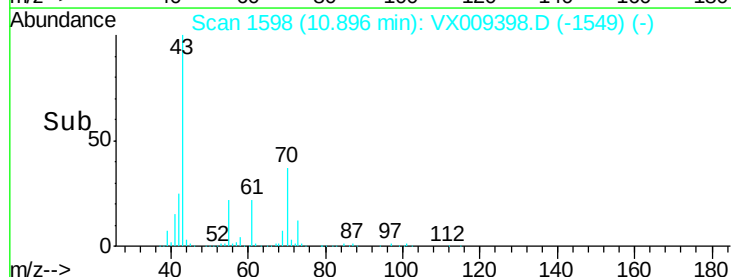
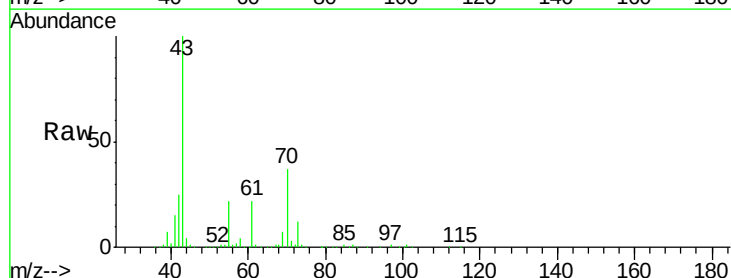
50000

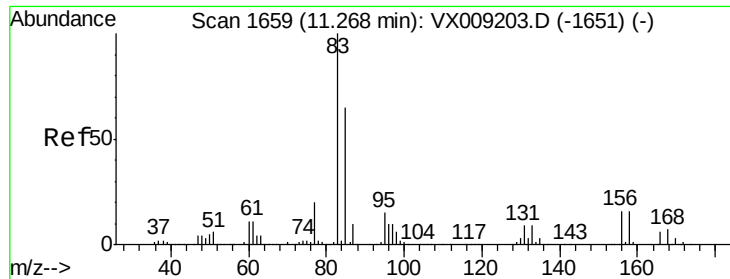
0

10.90

10.80

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

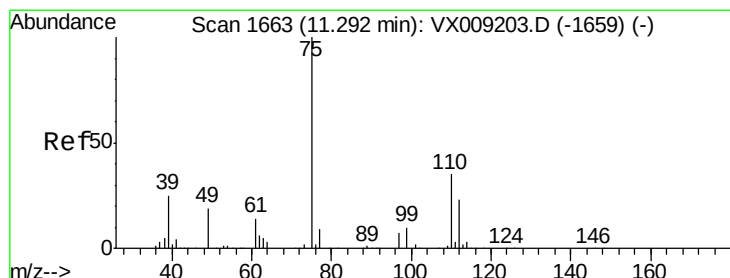
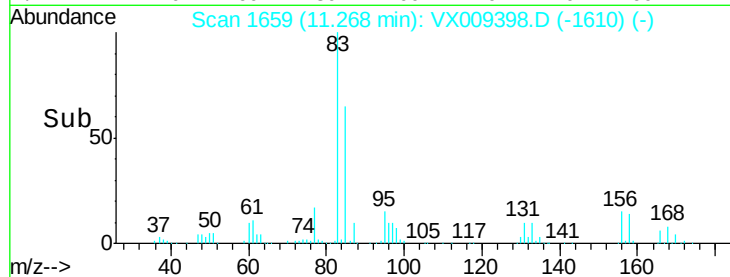
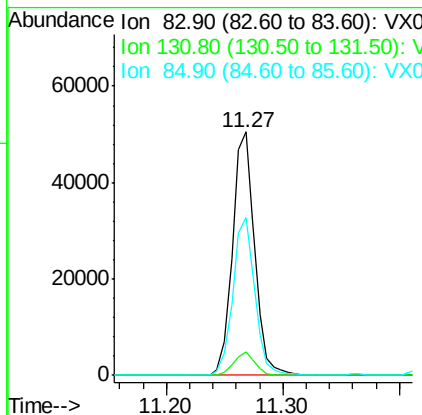
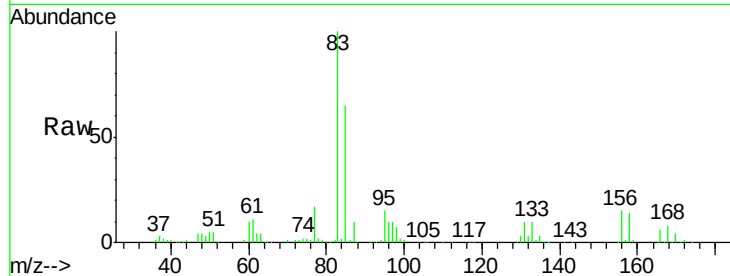
ClientSampled :

VX0508WBSD01

Tot Ion:	83	Resp:	66695
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.6	13.8
85	64.5	32.0	96.2

Manual Integrations
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5/9/2019 9:49:37 AM



#76

1,2,3-Trichloropropane

Concen: 21.534 ug/l m

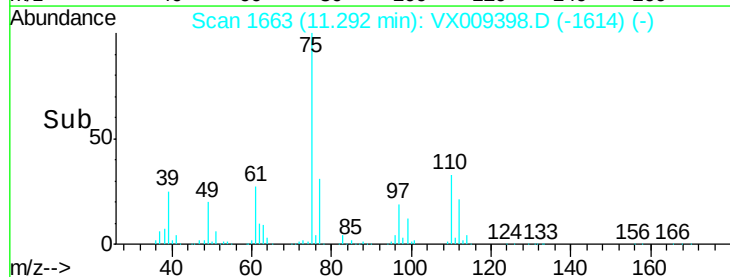
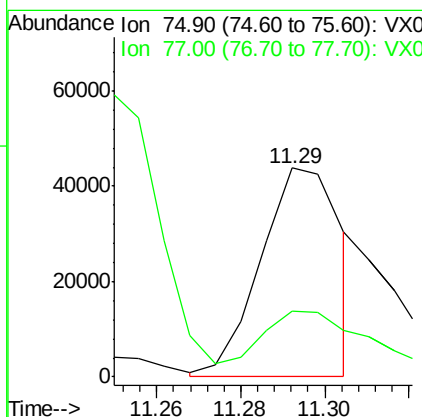
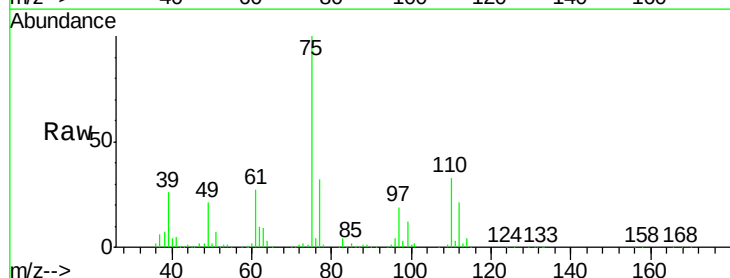
RT: 11.29 min Scan# 1663

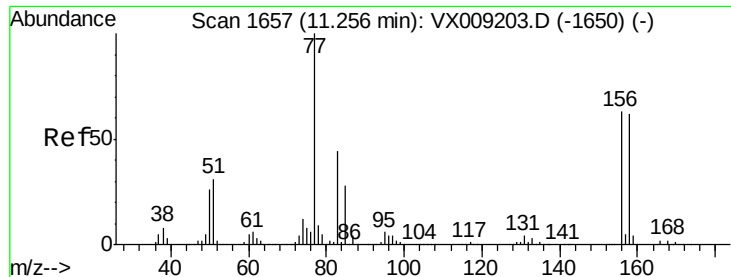
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:	75	Resp:	58460
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.1	66.1





#77

Bromobenzene

Concen: 21.405 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

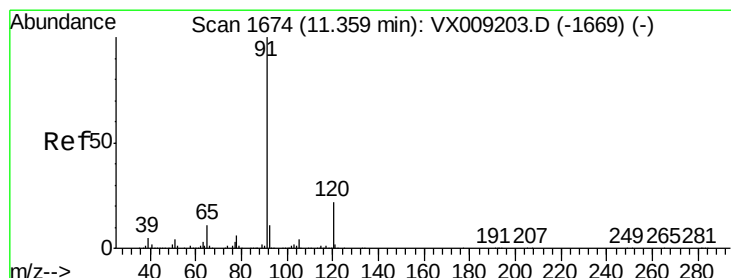
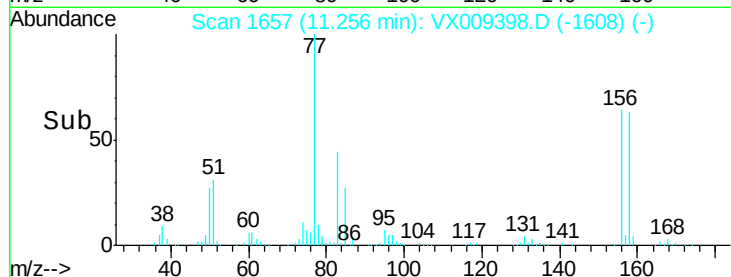
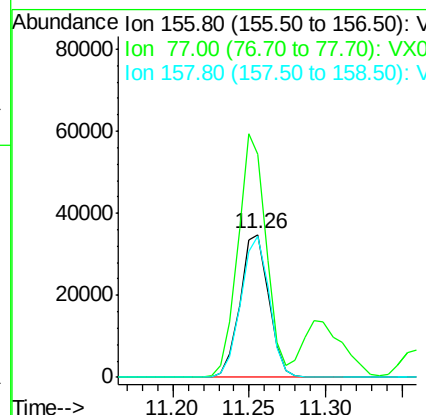
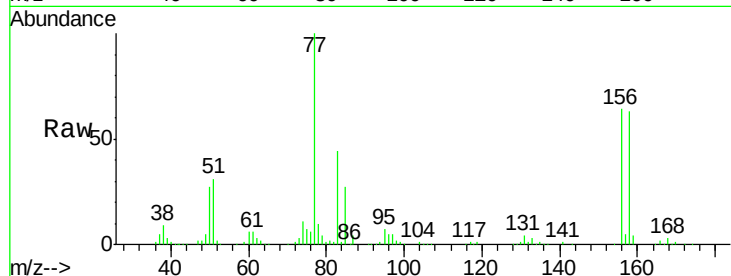
ClientSampleId :

VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.2	84.8	254.3
158	97.0	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.301 ug/l

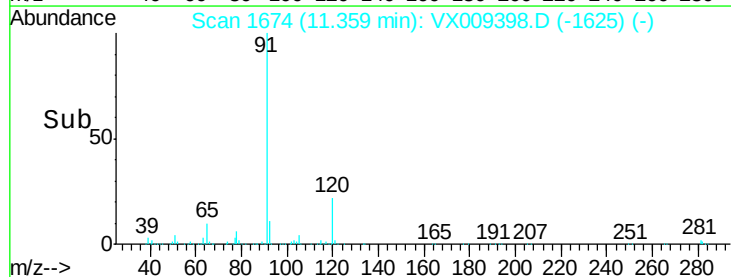
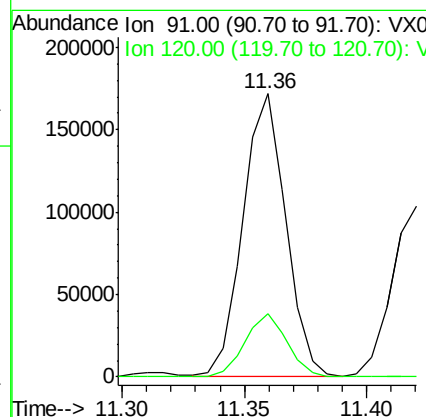
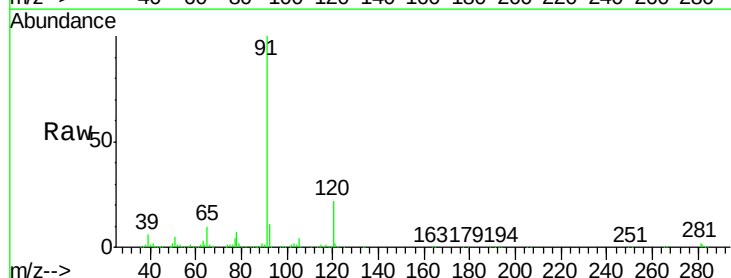
RT: 11.36 min Scan# 1674

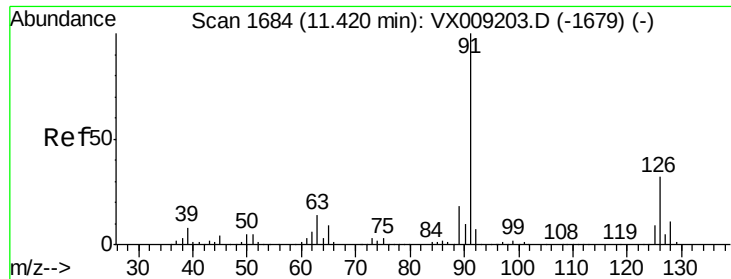
Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.912 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampled :

VX0508WBSD01

Tot Ion: 91 Resp: 125396

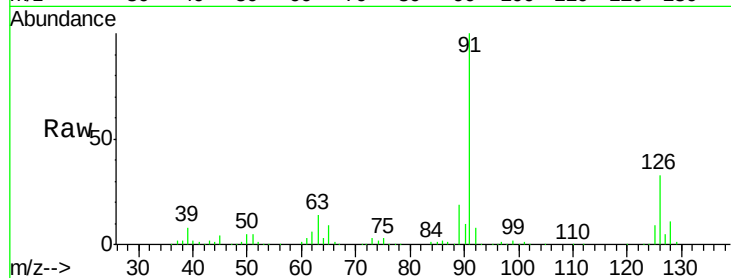
Ion Ratio Lower Upper

91 100

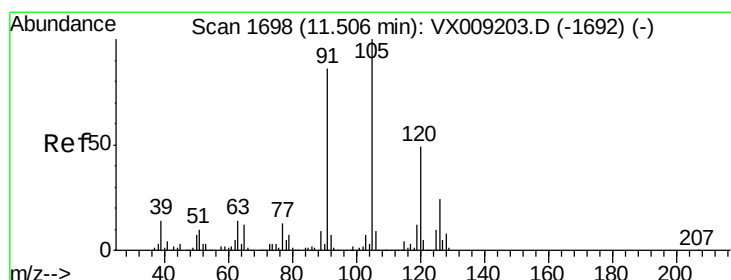
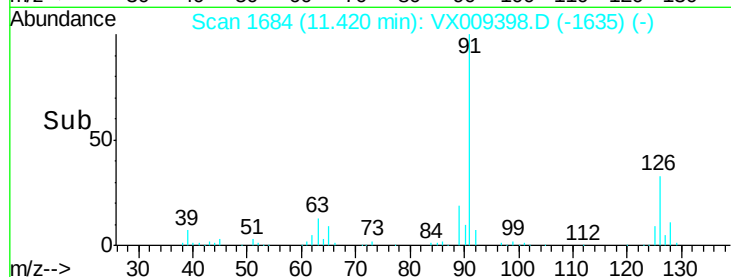
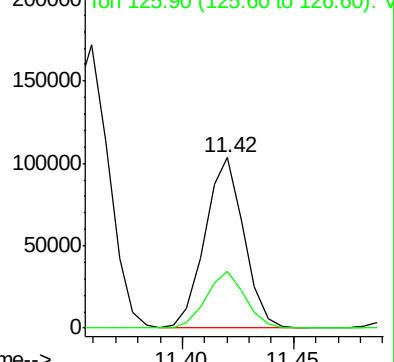
126 33.7 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VX009398.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.651 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009398.D

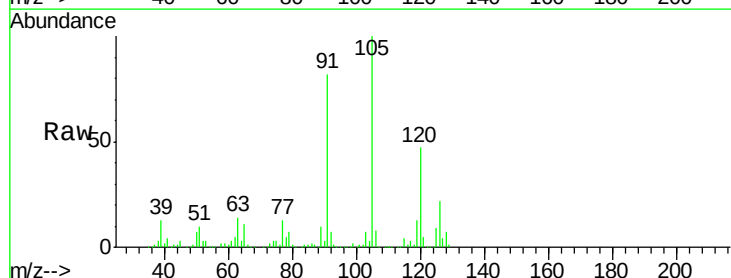
Acq: 08 May 2019 15:10

Tgt Ion: 105 Resp: 155151

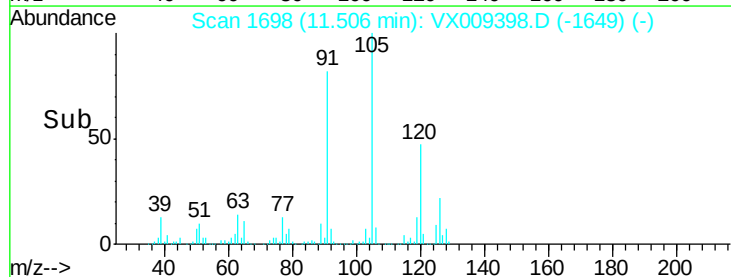
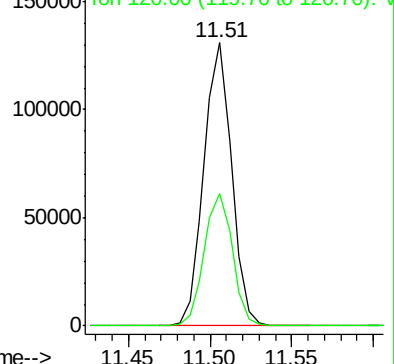
Ion Ratio Lower Upper

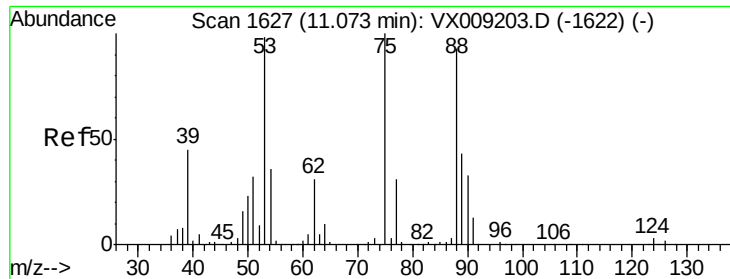
105 100

120 47.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009398.D (-1649) (-)





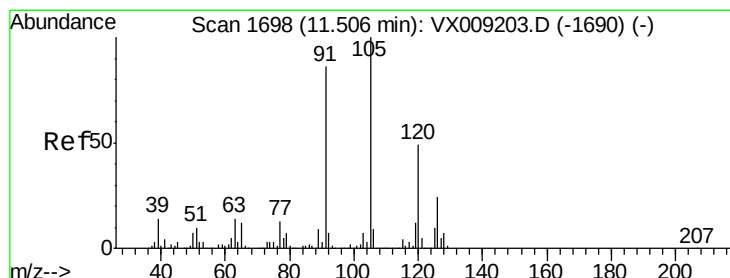
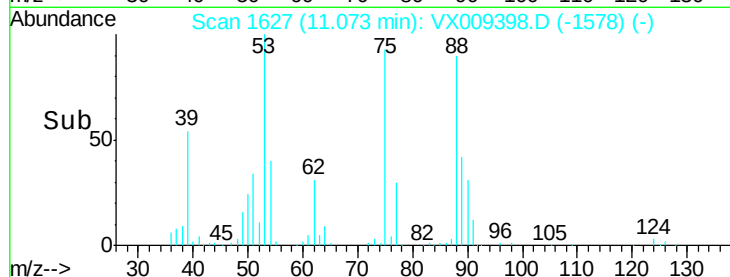
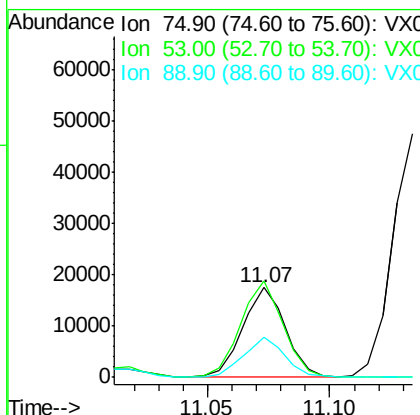
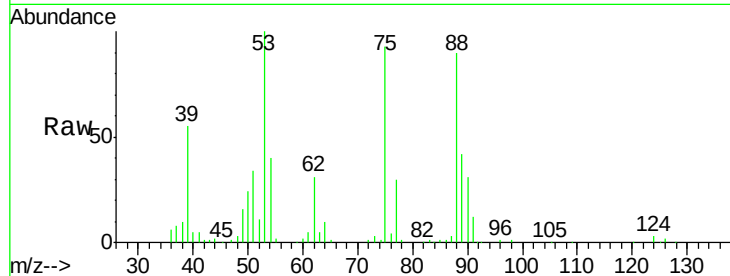
#81
trans-1,4-Dichloro-2-butene
Concen: 20.135 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.8	79.0	118.6
89	43.0	34.7	52.1

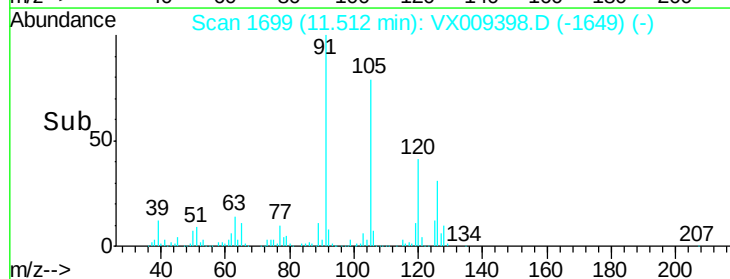
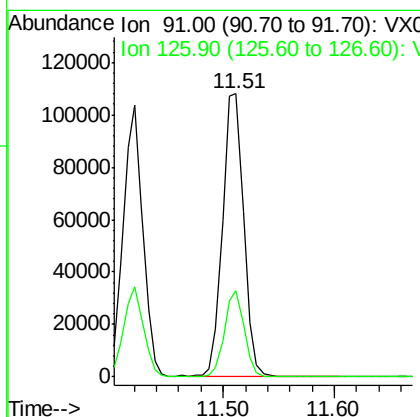
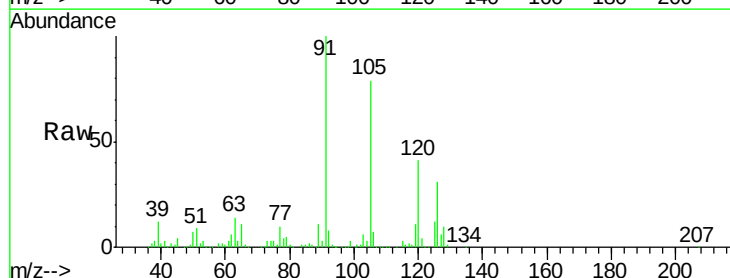
Manual Integrations
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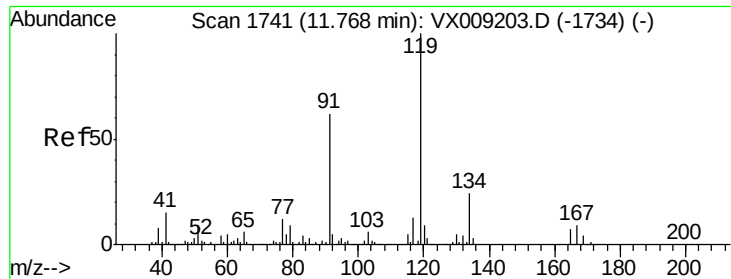
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.930 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.6





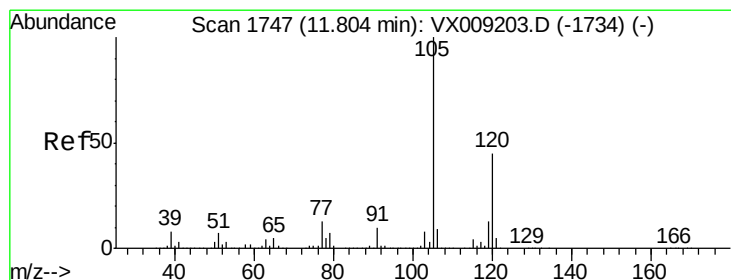
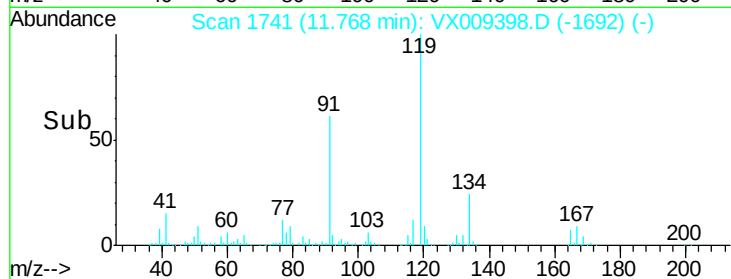
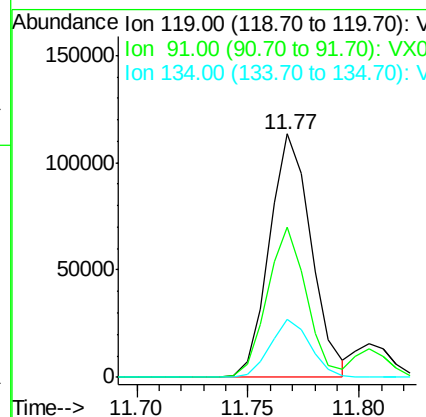
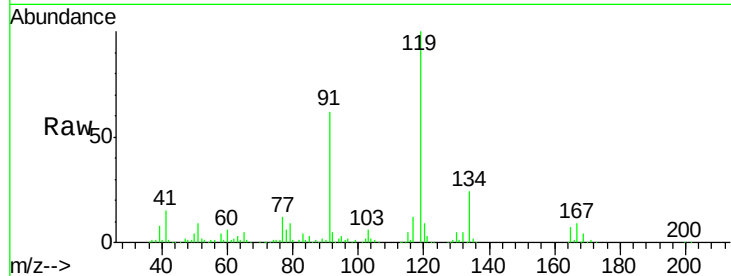
#83
 tert-Butylbenzene
 Concen: 21.216 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	147897		
91	58.2	29.5	88.5	
134	22.7	11.4	34.1	

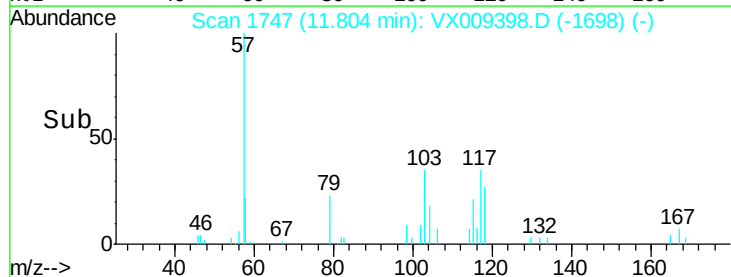
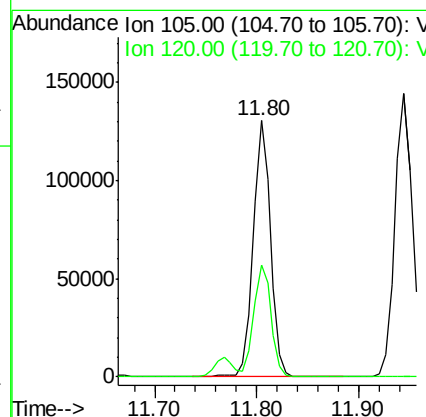
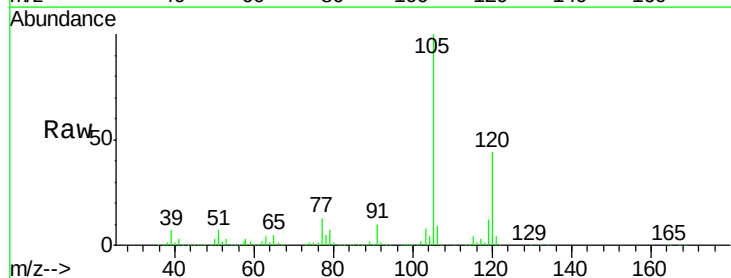
Manual Integrations
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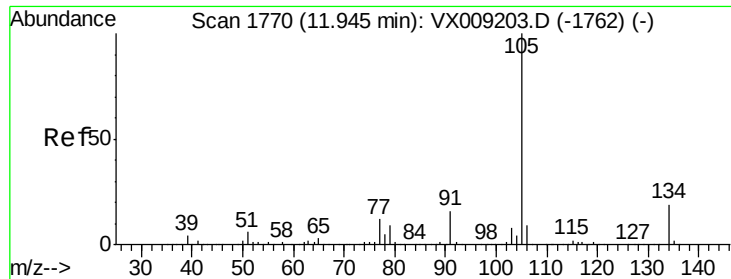
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.501 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154656		
120	43.7	22.0	66.0	





#85

sec-Butylbenzene

Concen: 21.122 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBSD01

Tot Ion:105 Resp: 174570

Ion Ratio Lower Upper

105 100

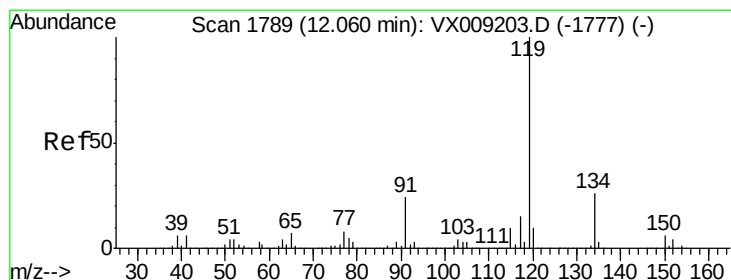
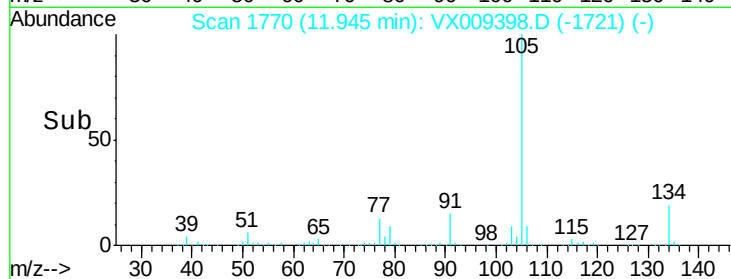
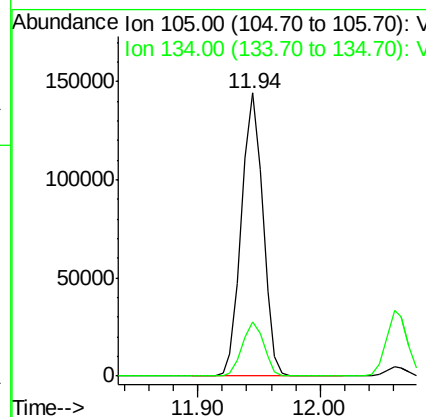
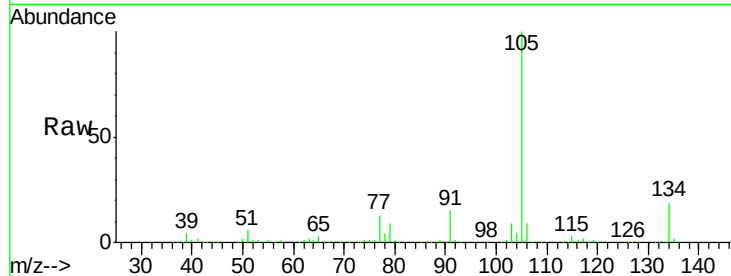
134 19.4

9.7 28.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.366 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009398.D

Acq: 08 May 2019 15:10

Tgt Ion:119 Resp: 158750

Ion Ratio Lower Upper

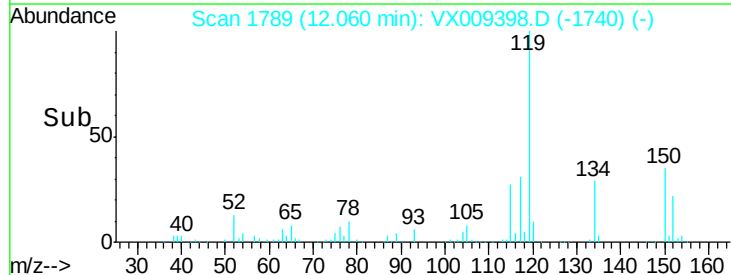
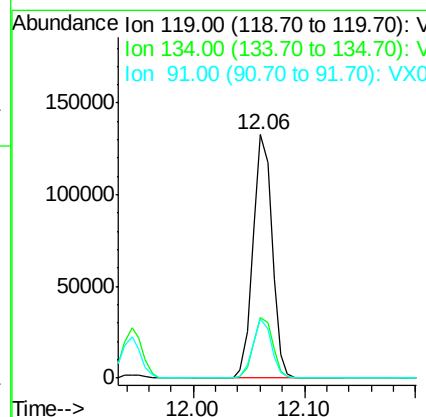
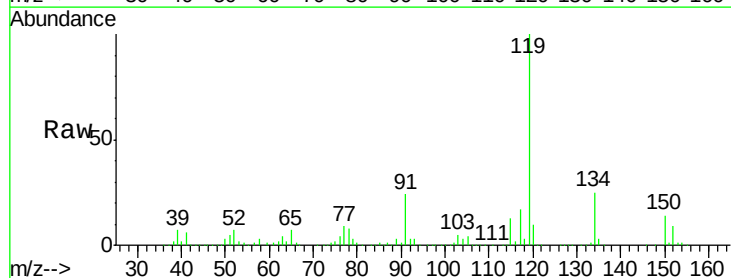
119 100

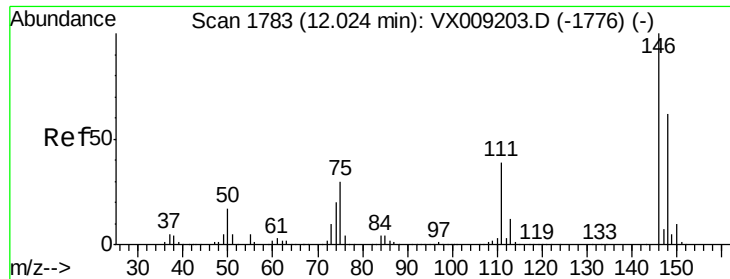
134 25.6

91 23.8

12.9 38.7

11.8 35.4





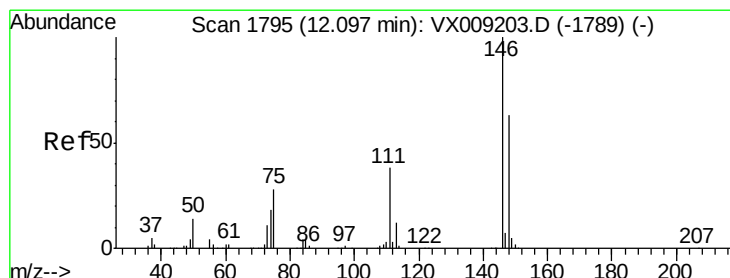
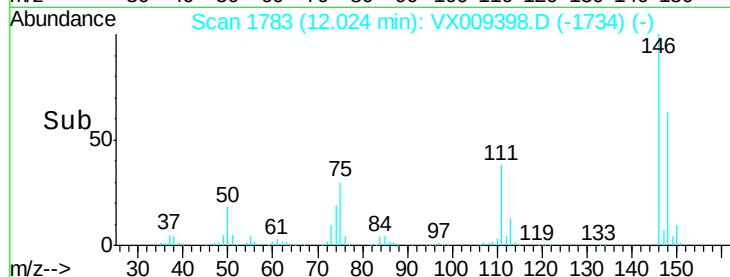
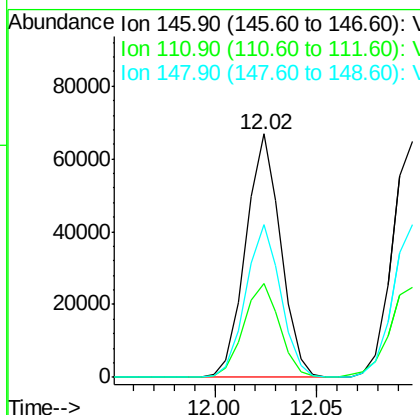
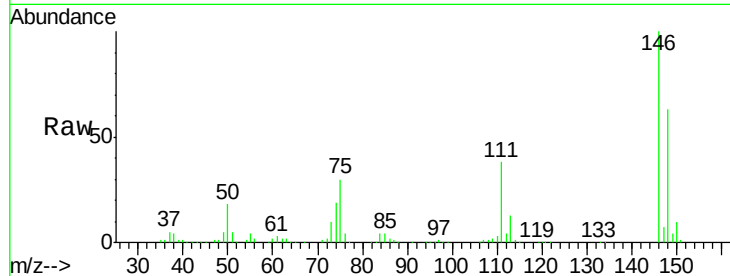
#87
 1,3-Dichlorobenzene
 Concen: 21.140 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.2	31.8	95.3

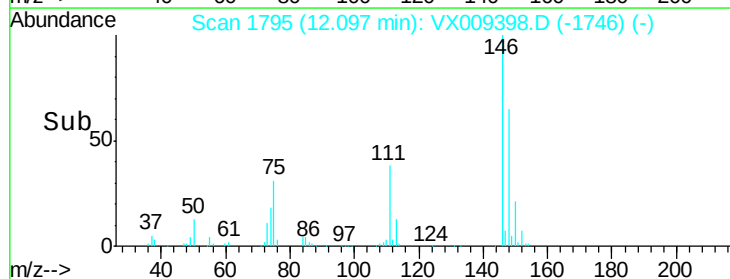
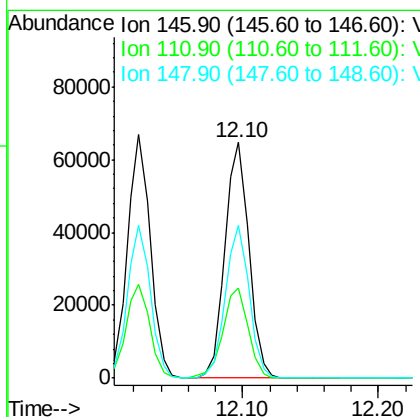
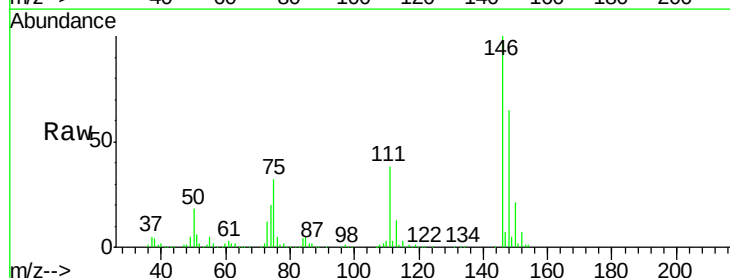
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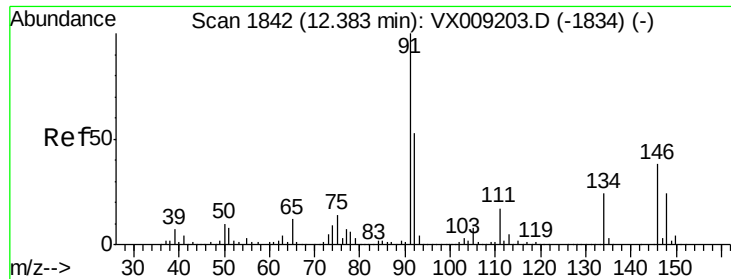
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#88
 1,4-Dichlorobenzene
 Concen: 20.867 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.6	58.8
148	64.5	31.8	95.3





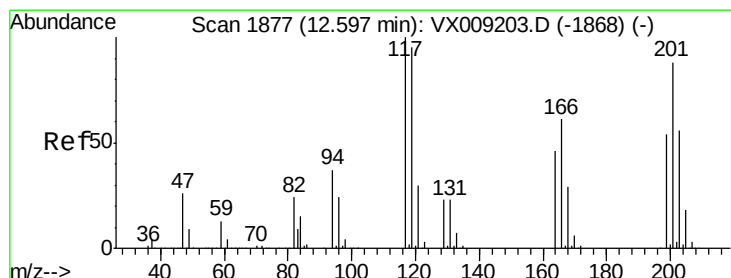
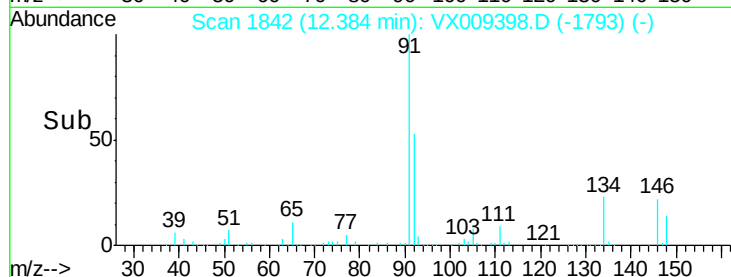
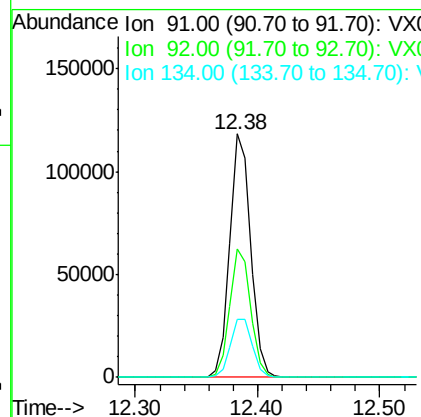
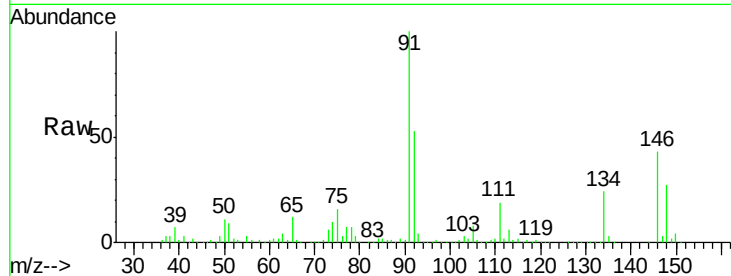
#89
n-Butylbenzene
Concen: 20.751 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	139355		
92	52.9	26.5	79.5	
134	25.2	12.4	37.2	

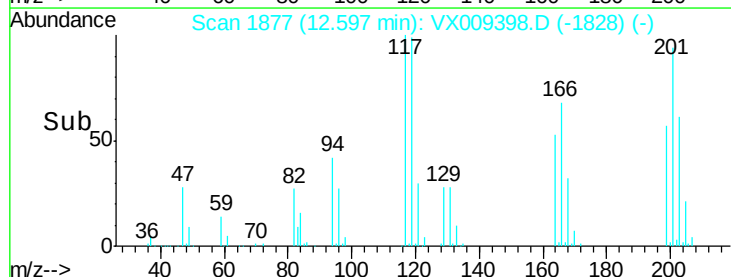
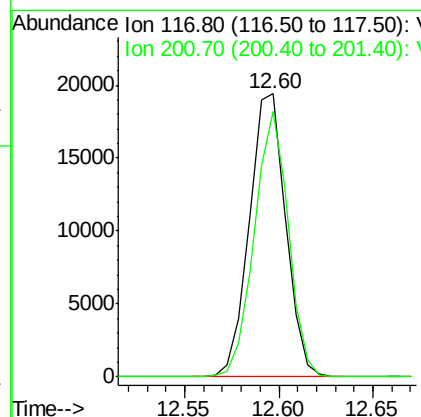
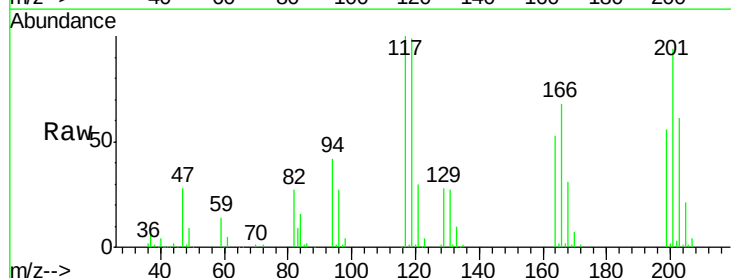
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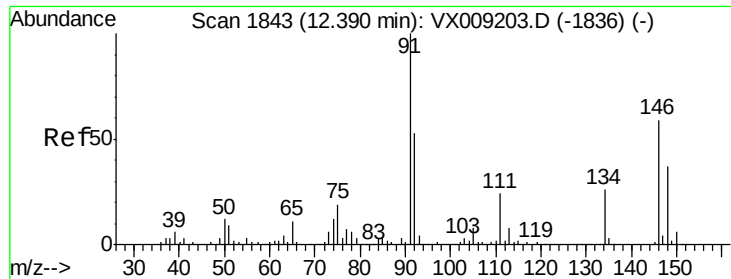
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#90
Hexachloroethane
Concen: 20.547 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26008		
201	87.4	42.3	126.9	





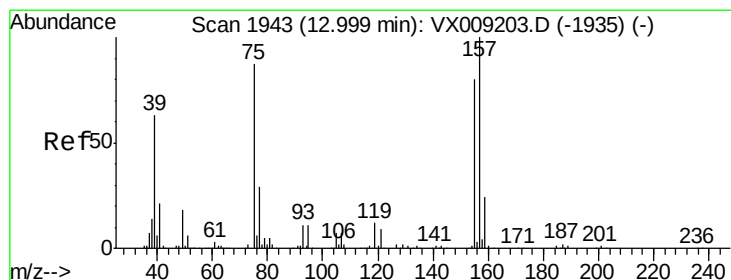
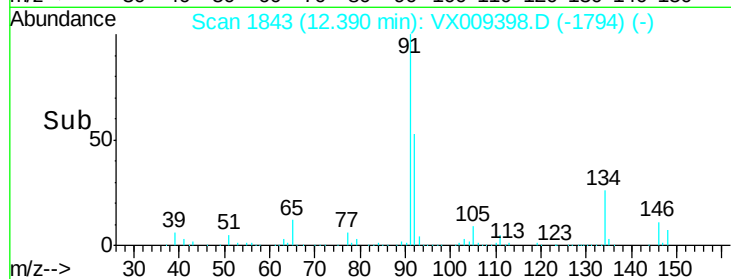
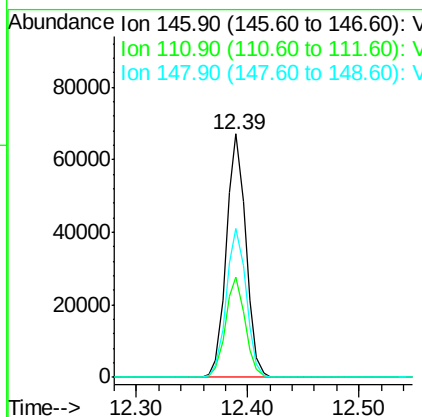
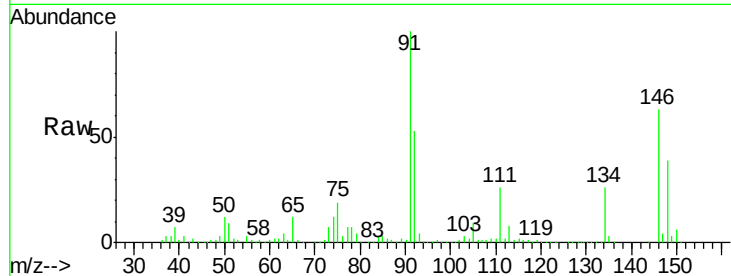
#91
 1,2-Dichlorobenzene
 Concen: 21.121 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	62.8	31.9	95.9

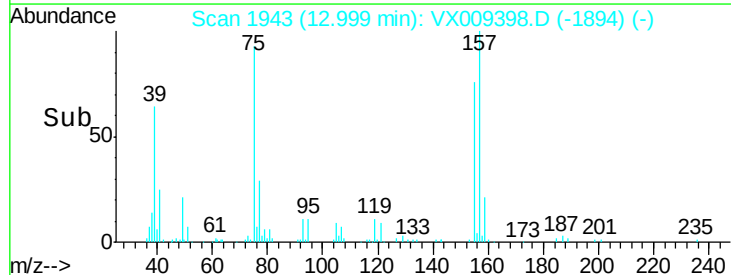
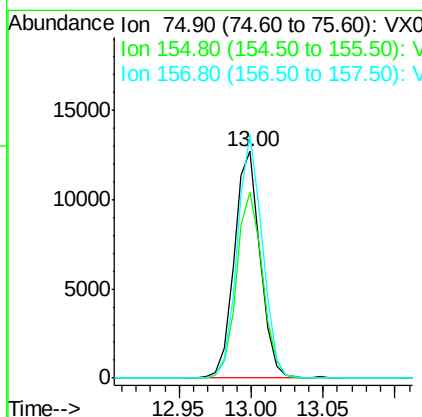
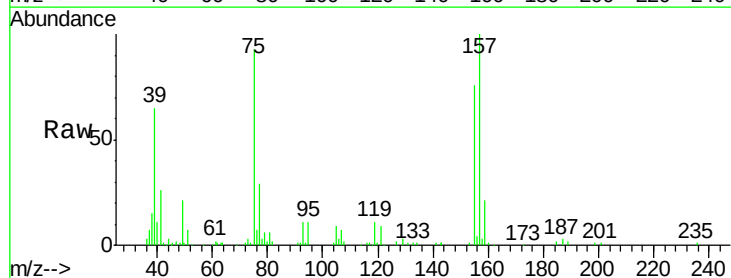
Manual Integrations
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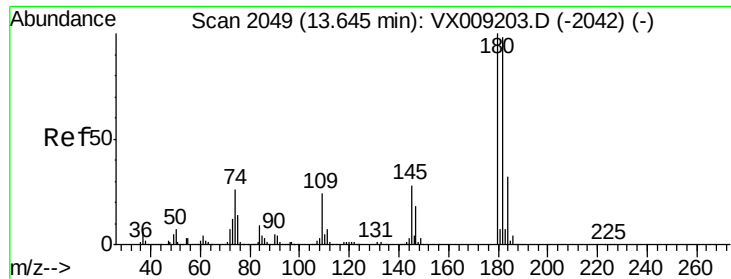
MMDadoda
 5/9/2019 9:49:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.485 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	42.0	126.0
157	103.4	53.2	159.6





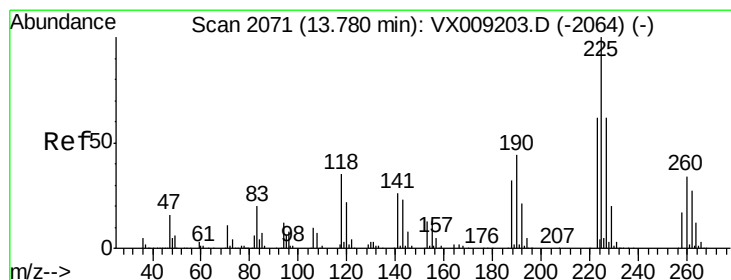
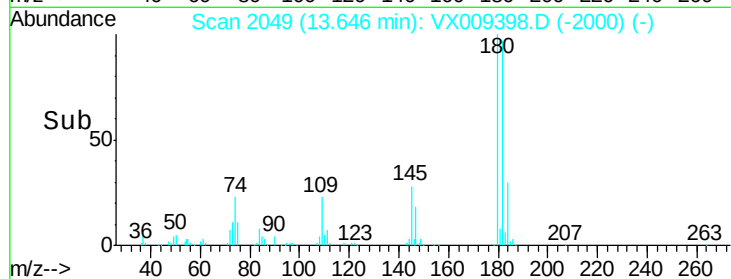
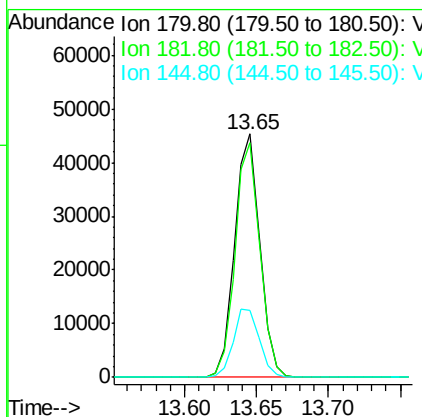
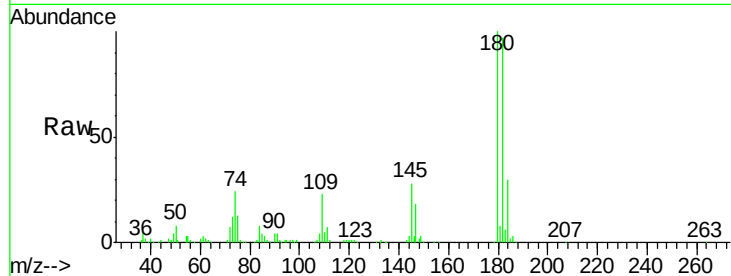
#93
 1,2,4-Trichlorobenzene
 Concen: 21.225 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55671		
182	94.8		48.4	145.2
145	29.0		14.6	43.8

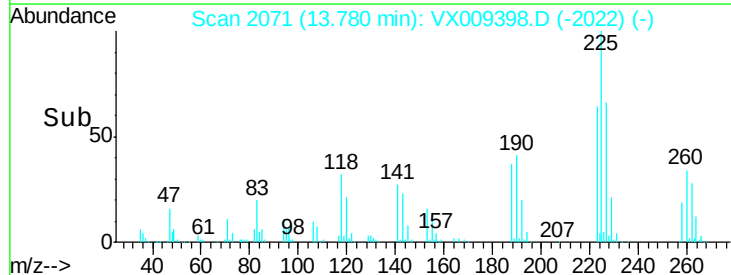
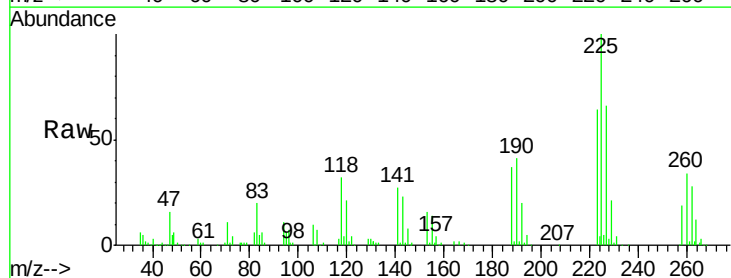
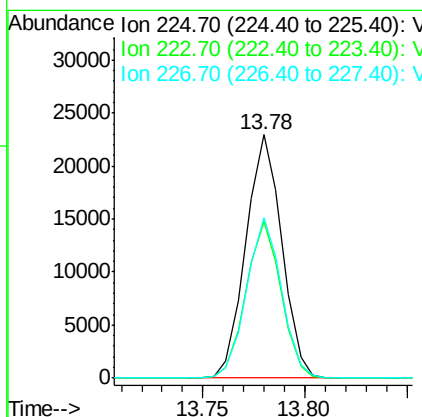
Manual Integrations
 APPROVED

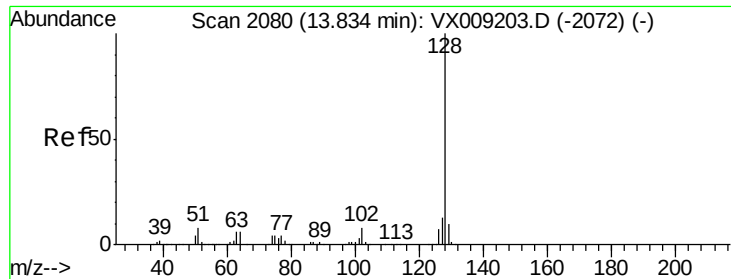
MMDadoda
 5/9/2019 9:49:37 AM



#94
 Hexachlorobutadiene
 Concen: 20.990 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009398.D
 Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28114		
223	62.8		31.3	93.8
227	63.8		31.8	95.3





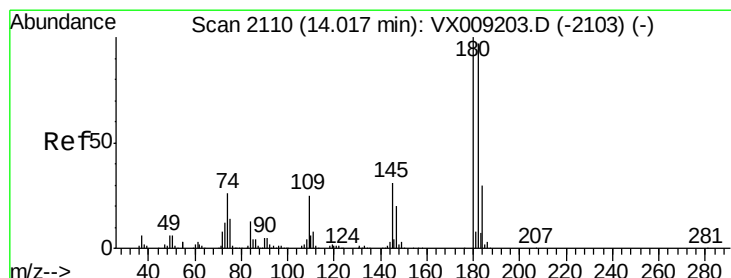
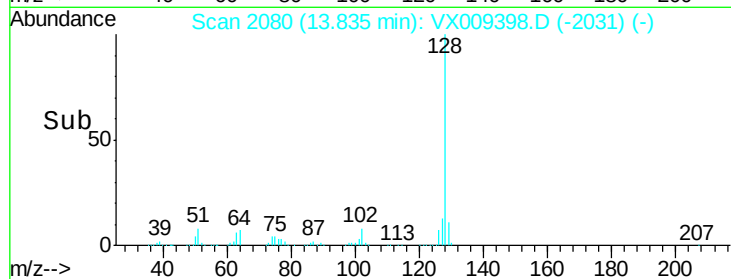
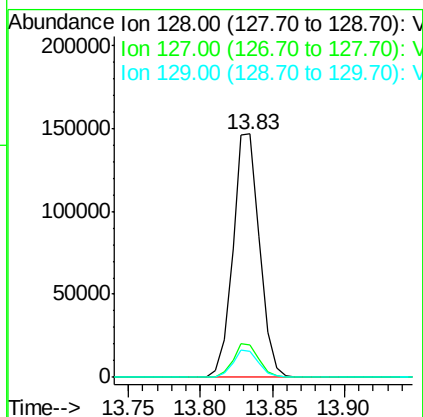
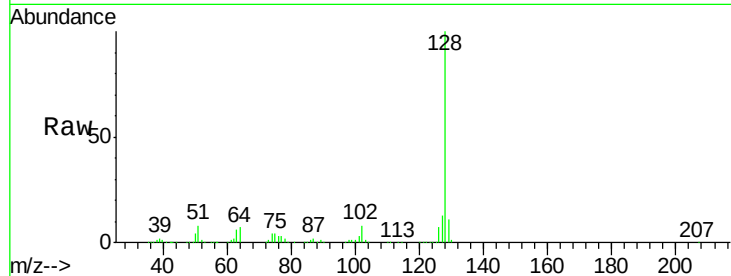
#95
Naphthalene
Concen: 22.148 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Instrument :
MSVOA_X
ClientSampleId :
VX0508WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	188999		
127	13.5		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/9/2019 9:49:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.765 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009398.D
Acq: 08 May 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	57867		
182	96.3		47.8	143.4
145	30.0		15.4	46.4

