

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012618.D
 Acq On : 23 Sep 2019 20:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:05:42 AM

Quant Time: Sep 24 03:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	287079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132048	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	132906	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.49	113	97394	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	363834	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.14	95	142576	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	97168	49.295	ug/l	100
3) Chloromethane	1.32	50	114047	50.386	ug/l	98
4) Vinyl Chloride	1.40	62	115156	51.185	ug/l	96
5) Bromomethane	1.63	94	42663	48.231	ug/l	97
6) Chloroethane	1.71	64	70997	46.811	ug/l	94
7) Trichlorofluoromethane	1.92	101	158468	50.168	ug/l	97
8) Diethyl Ether	2.18	74	66435	51.322	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96012	49.905	ug/l	97
10) Methyl Iodide	2.50	142	102419	50.479	ug/l	96
11) Tert butyl alcohol	3.04	59	163901	257.146	ug/l	100
12) 1,1-Dichloroethene	2.36	96	97823	51.926	ug/l	95
13) Acrolein	2.28	56	77271	218.952	ug/l	97
14) Allyl chloride	2.72	41	193658	51.812	ug/l	98
15) Acrylonitrile	3.13	53	340349	263.200	ug/l	99
16) Acetone	2.44	43	303129	224.293	ug/l	98
17) Carbon Disulfide	2.56	76	258987	49.037	ug/l	99
18) Methyl Acetate	2.76	43	165764	52.089	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	370294	51.929	ug/l	97
20) Methylene Chloride	2.85	84	114938	50.282	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	106632	51.091	ug/l	98
22) Diisopropyl ether	3.84	45	377778	52.308	ug/l	99
23) Vinyl Acetate	3.80	43	1672795	264.118	ug/l	100
24) 1,1-Dichloroethane	3.69	63	203507	51.838	ug/l	98
25) 2-Butanone	4.66	43	488094	251.876	ug/l	99
26) 2,2-Dichloropropane	4.57	77	158025	45.259	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	123526	51.008	ug/l	96
28) Bromochloromethane	5.00	49	74054	51.951	ug/l	100
29) Tetrahydrofuran	5.12	42	314221	266.037	ug/l	99
30) Chloroform	5.20	83	206228	51.346	ug/l	96
31) Cyclohexane	5.57	56	182012	51.249	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	182572	51.289	ug/l	100
36) 1,1-Dichloropropene	5.79	75	153043	48.927	ug/l	98
37) Ethyl Acetate	4.82	43	185325	50.677	ug/l	98
38) Carbon Tetrachloride	5.78	117	155266	48.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177897	47.241	ug/l	98
40) Benzene	6.14	78	451447	49.052	ug/l	97
41) Methacrylonitrile	5.03	41	100002	48.738	ug/l	96
42) 1,2-Dichloroethane	6.18	62	173269	49.577	ug/l	99
43) Isopropyl Acetate	6.43	43	301644	49.324	ug/l	99
44) Trichloroethene	7.20	130	112735	47.915	ug/l	93
45) 1,2-Dichloropropane	7.51	63	118547	50.311	ug/l	98
46) Dibromomethane	7.65	93	79549	49.585	ug/l	94
47) Bromodichloromethane	7.89	83	156897	48.933	ug/l	100
48) Methyl methacrylate	7.76	41	143735	49.016	ug/l	95
49) 1,4-Dioxane	7.73	88	69020	1037.710	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	945036	250.337	ug/l	97
52) Toluene	8.78	92	286329	49.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	175681	49.521	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	188889	48.766	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114267	49.687	ug/l	98
56) Ethyl methacrylate	9.17	69	192828	49.909	ug/l	95
57) 1,3-Dichloropropane	9.37	76	200733	49.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	448118	258.393	ug/l	98
59) 2-Hexanone	9.49	43	732211	253.398	ug/l	96
60) Dibromochloromethane	9.58	129	116493	50.040	ug/l	98
61) 1,2-Dibromoethane	9.67	107	121706	50.851	ug/l	100
64) Tetrachloroethene	9.33	164	99741	49.831	ug/l	95
65) Chlorobenzene	10.14	112	295340	48.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	108146	49.374	ug/l	98
67) Ethyl Benzene	10.25	91	544913	49.698	ug/l	99
68) m/p-Xylenes	10.35	106	405173	98.646	ug/l	99
69) o-Xylene	10.70	106	199152	50.109	ug/l	100
70) Styrene	10.71	104	341938	51.321	ug/l	100
71) Bromoform	10.85	173	77758	50.984	ug/l #	98
73) Isopropylbenzene	11.01	105	531892	49.456	ug/l	99
74) N-amyl acetate	10.89	43	260782	50.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	179848	50.493	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175064m	50.119	ug/l	
77) Bromobenzene	11.25	156	118053	48.499	ug/l	95
78) n-propylbenzene	11.35	91	588113	48.572	ug/l	100
79) 2-Chlorotoluene	11.42	91	365118	48.339	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	445424	49.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56593	46.431	ug/l	97
82) 4-Chlorotoluene	11.51	91	430983	50.054	ug/l	97
83) tert-Butylbenzene	11.77	119	427544	49.144	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	454900	50.000	ug/l	99
85) sec-Butylbenzene	11.94	105	497766	49.191	ug/l	99
86) p-Isopropyltoluene	12.06	119	452054	49.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216431	49.408	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	213839	48.310	ug/l	99
89) n-Butylbenzene	12.39	91	388372	48.271	ug/l	98
90) Hexachloroethane	12.59	117	80221	49.282	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	219543	50.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45486	51.051	ug/l	99

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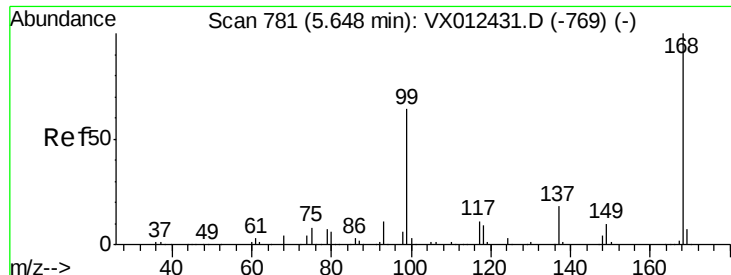
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132873	49.681	ug/l	99
94) Hexachlorobutadiene	13.78	225	53805	46.764	ug/l	99
95) Naphthalene	13.83	128	508881	52.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	134332	50.140	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 175218

Ion Ratio Lower Upper

168 100

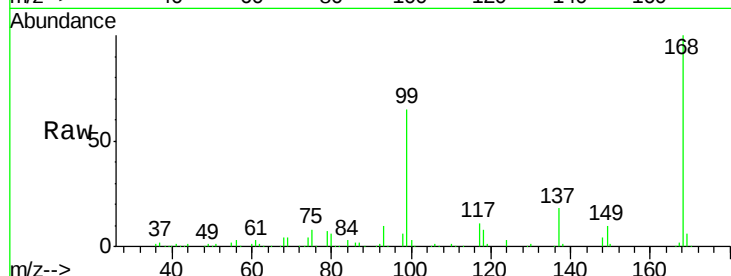
99 64.5 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

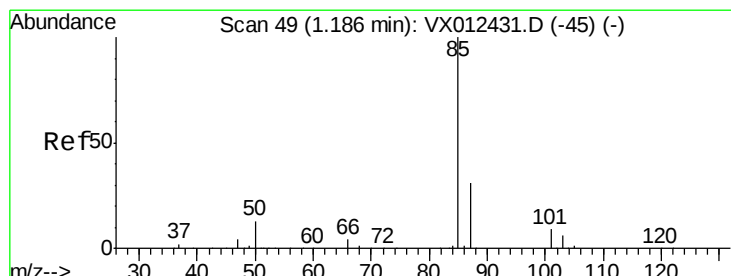
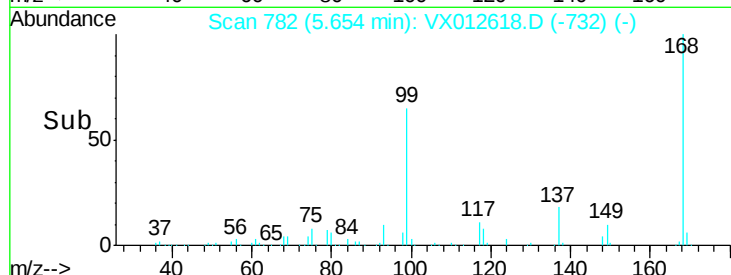
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.295 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012618.D

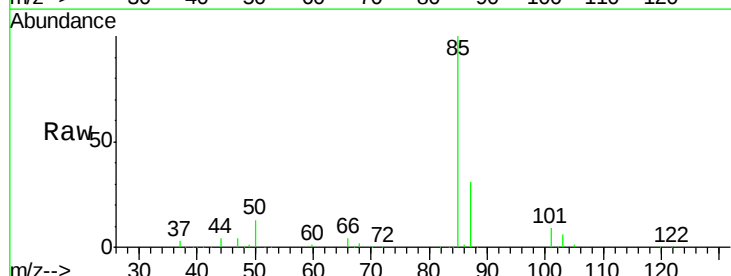
Acq: 23 Sep 2019 20:38

Tgt Ion: 85 Resp: 97168

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

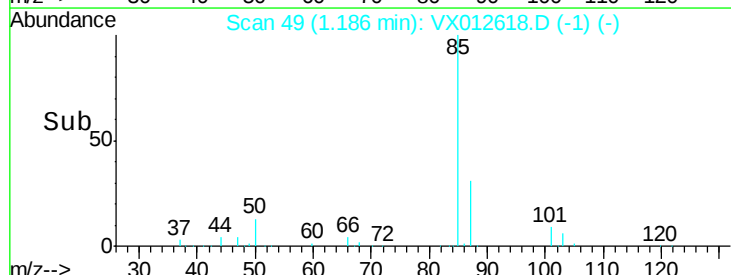
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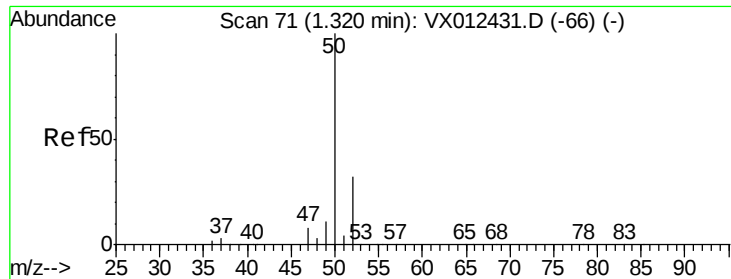
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.386 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114047

Ion Ratio Lower Upper

50 100

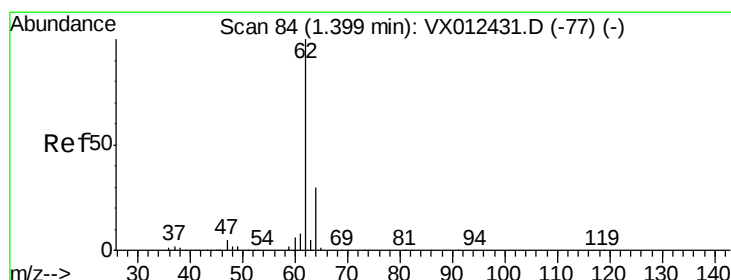
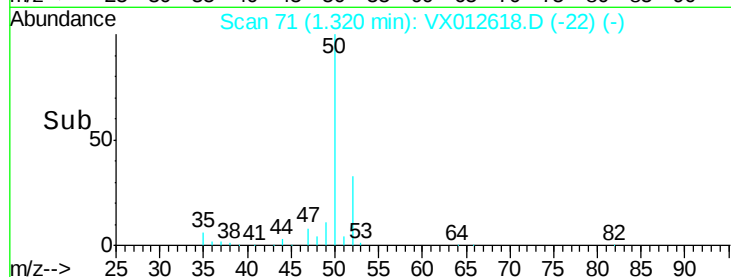
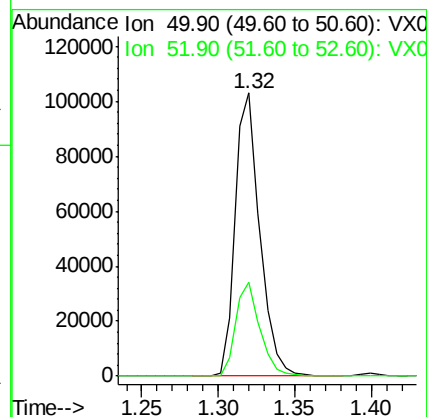
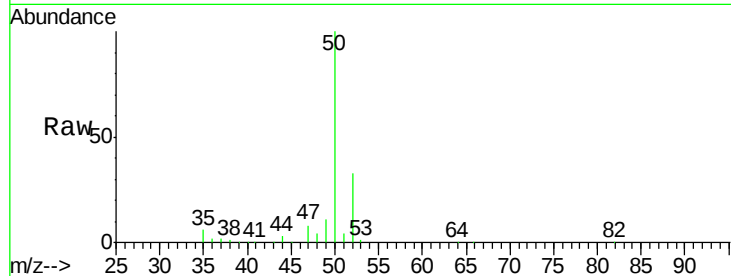
52 33.0 25.7 38.5

Manual Integrations

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9/24/2019 10:05:42 AM



#4

Vinyl Chloride

Concen: 51.185 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012618.D

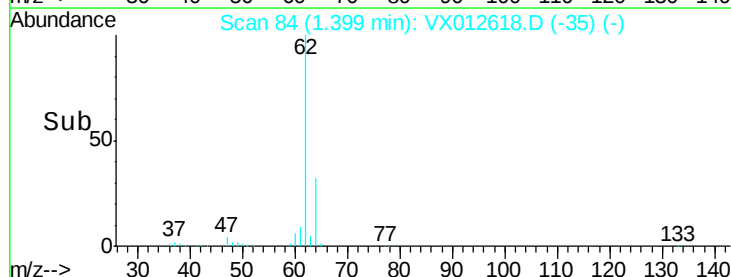
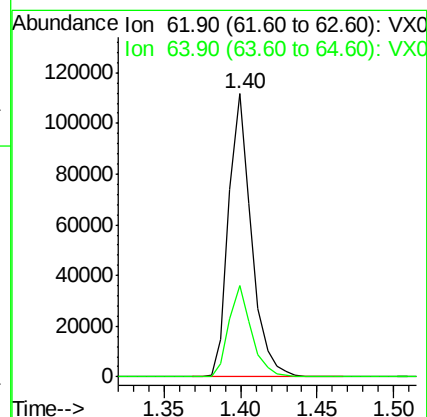
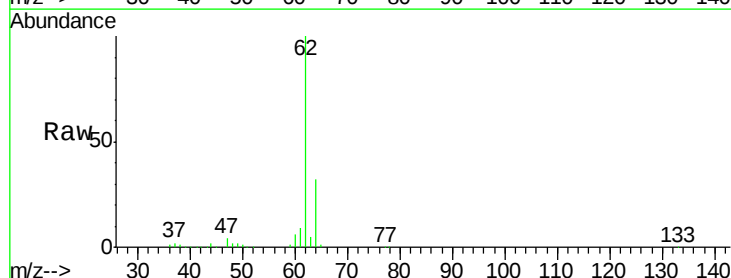
Acq: 23 Sep 2019 20:38

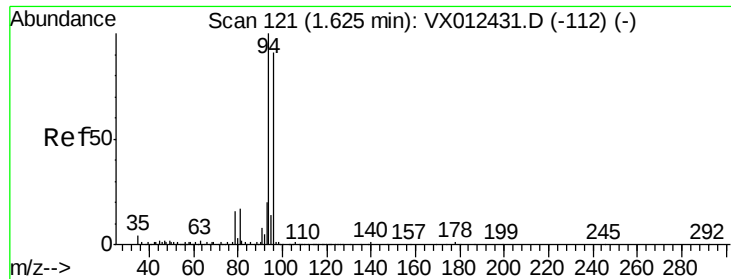
Tgt Ion: 62 Resp: 115156

Ion Ratio Lower Upper

62 100

64 32.3 24.2 36.2





#5

Bromomethane

Concen: 48.231 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 42663

Ion Ratio Lower Upper

94 100

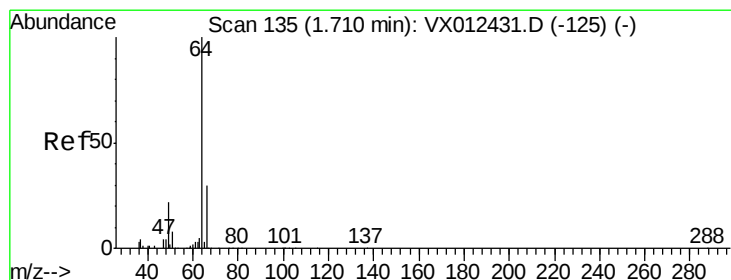
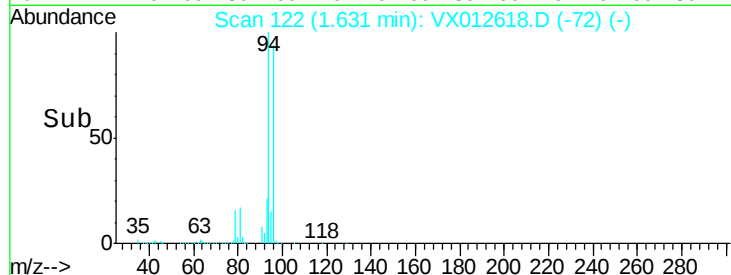
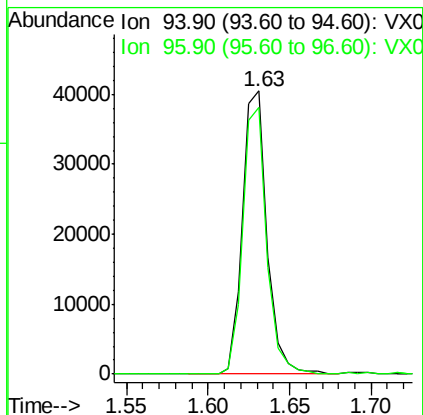
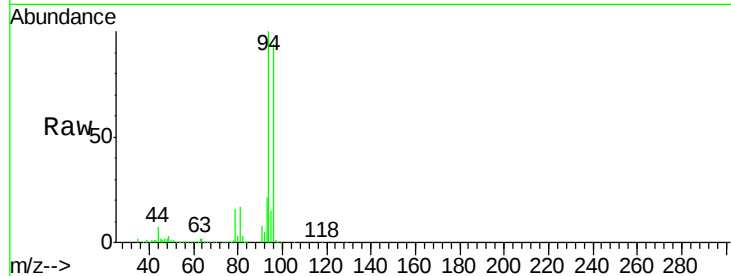
96 94.1 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 46.811 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012618.D

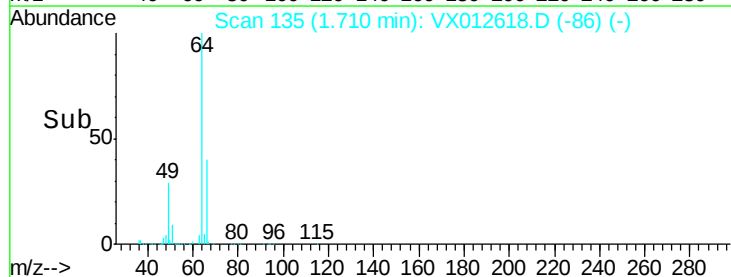
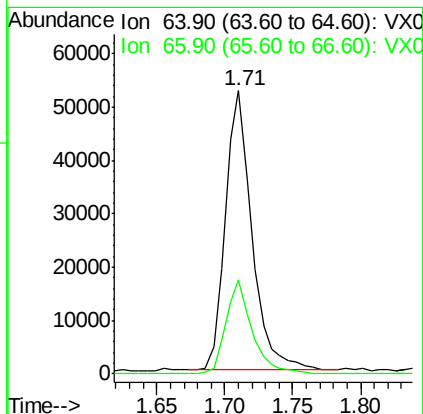
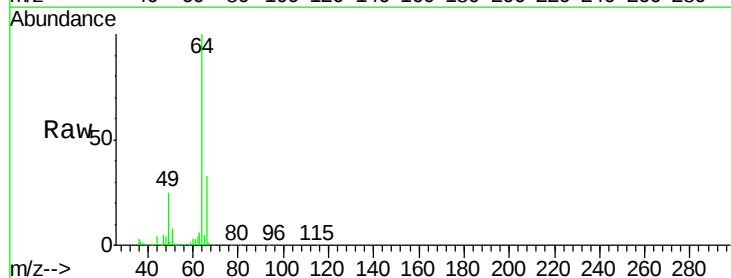
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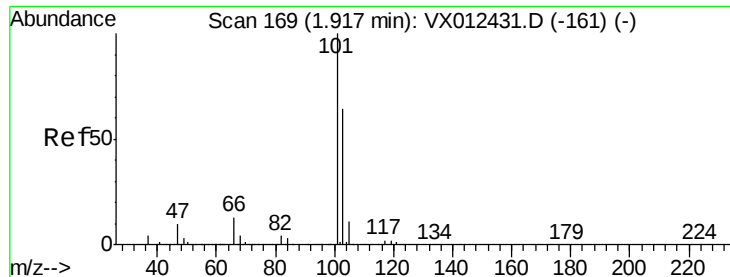
Tgt Ion: 64 Resp: 70997

Ion Ratio Lower Upper

64 100

66 33.4 24.0 36.0





#7

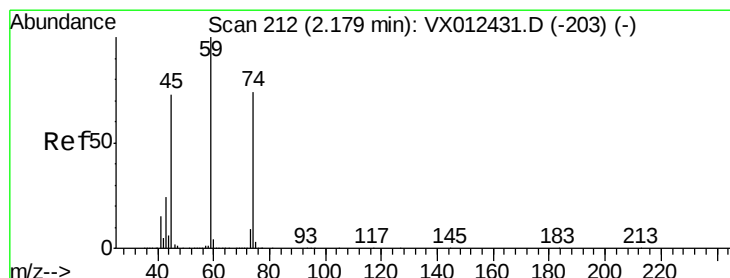
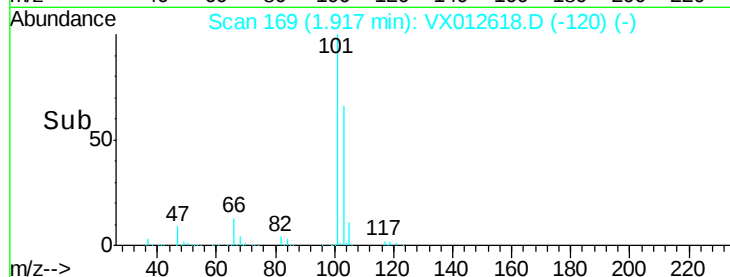
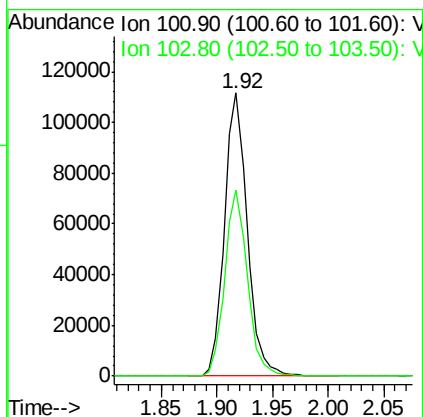
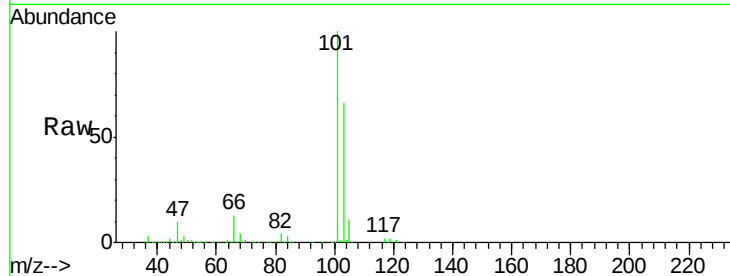
Trichlorofluoromethane
 Concen: 50.168 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		158468		
103	65.7	51.0	76.4		

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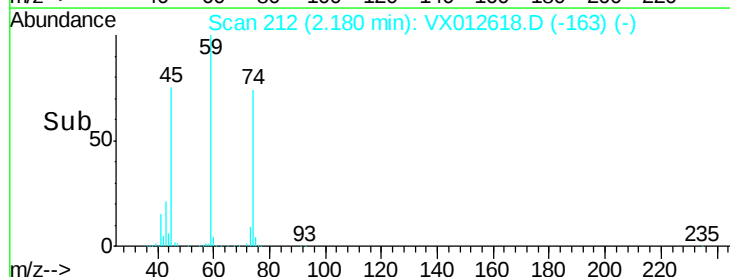
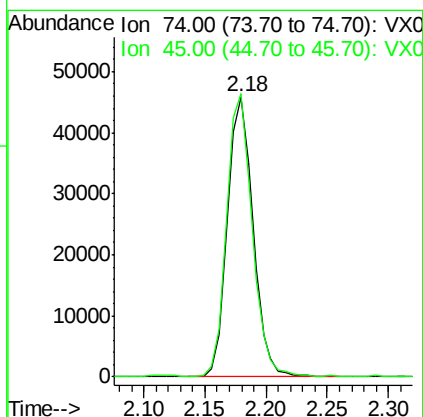
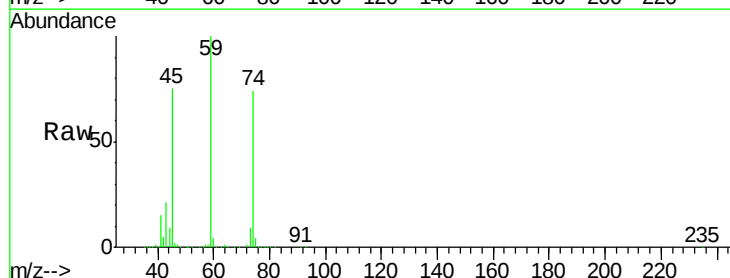
MMDadoda
 9/24/2019 10:05:42 AM

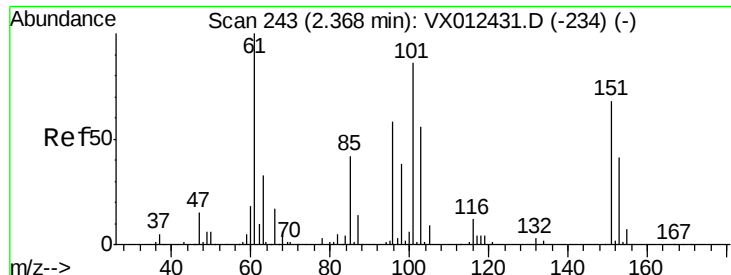


#8

Diethyl Ether
 Concen: 51.322 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		66435		
45	99.3	49.9	149.7		





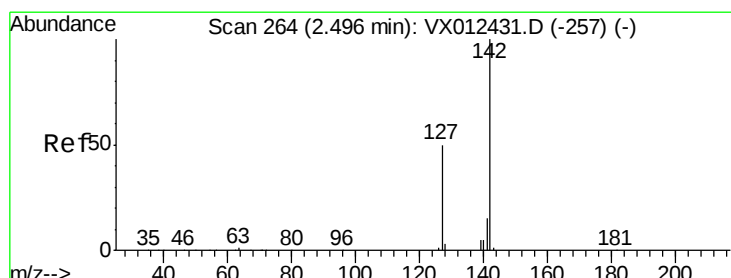
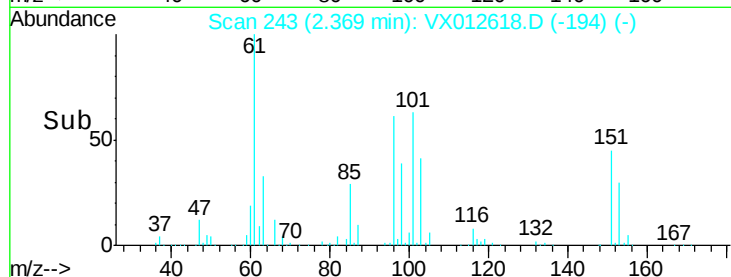
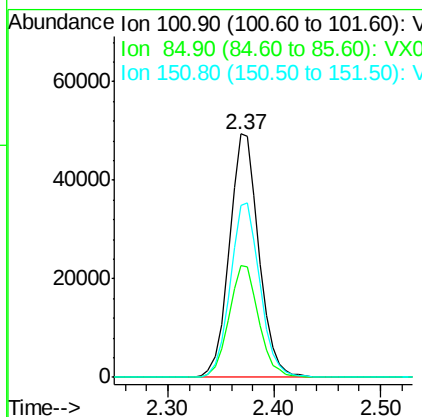
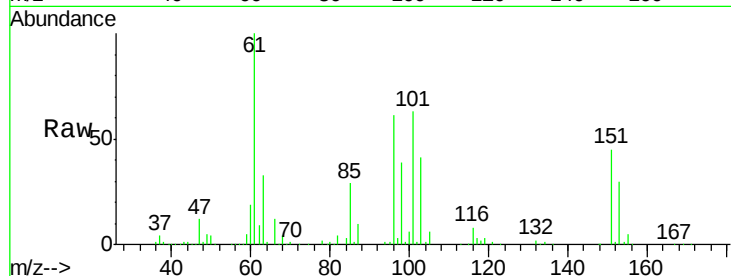
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.905 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.3	55.9
151	72.3	61.0	91.4

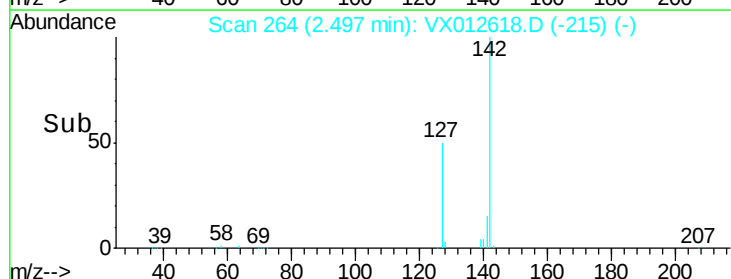
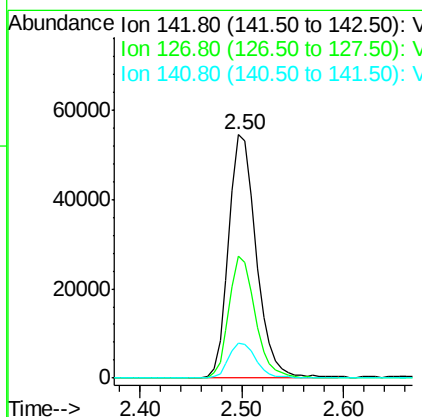
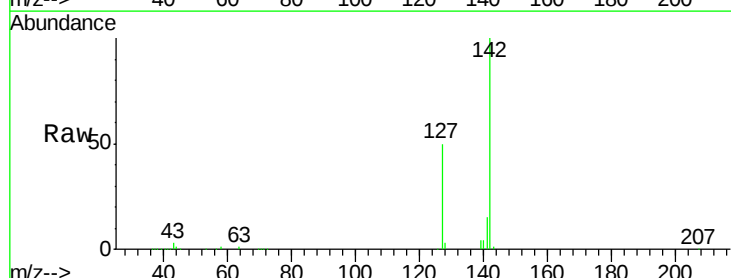
Manual Integrations
 APPROVED

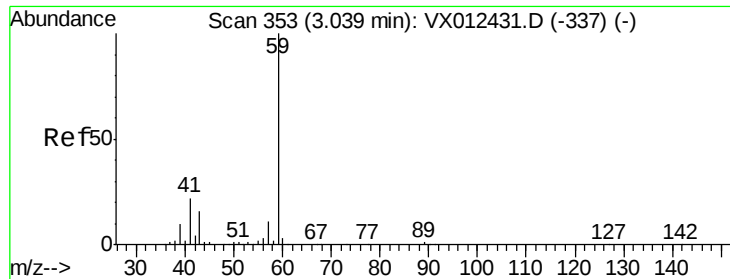
MMDadoda
 9/24/2019 10:05:42 AM



#10
 Methyl Iodide
 Concen: 50.479 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.8	40.8	61.2
141	14.3	12.1	18.1





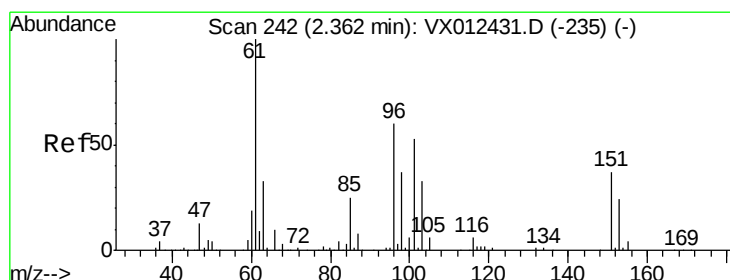
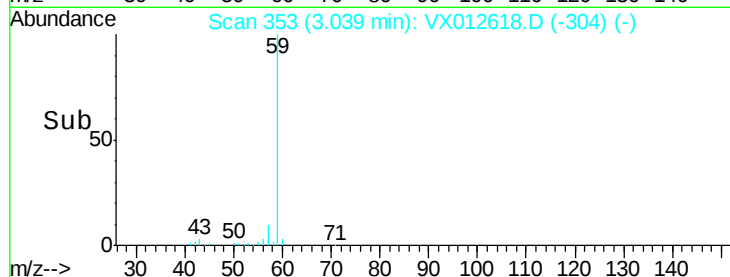
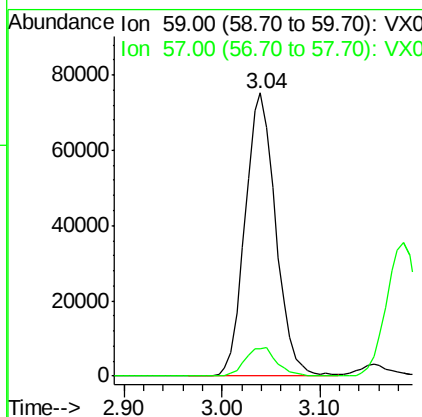
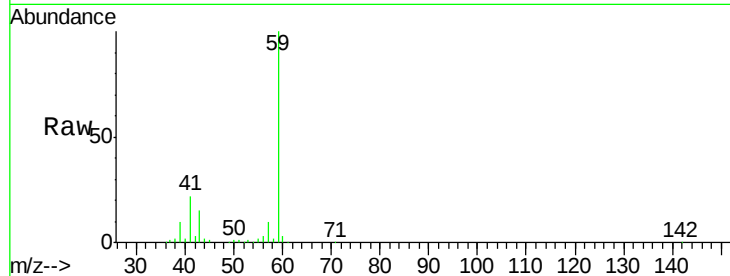
#11
Tert butyl alcohol
Concen: 257.146 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 163901
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

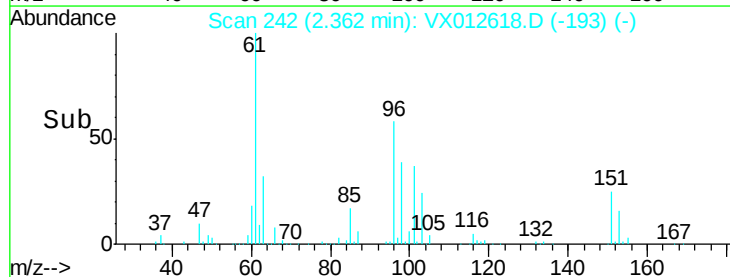
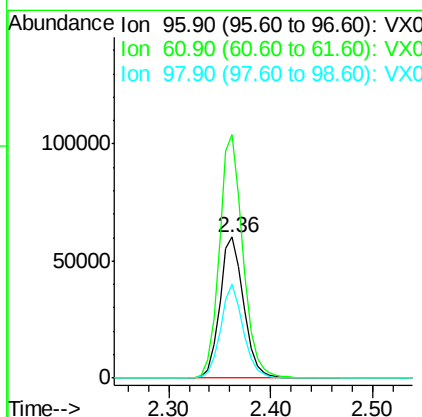
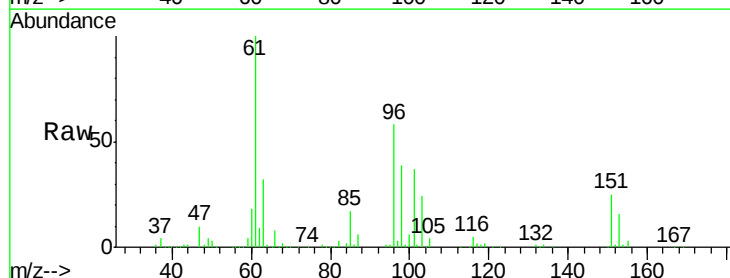
Manual Integrations
APPROVED

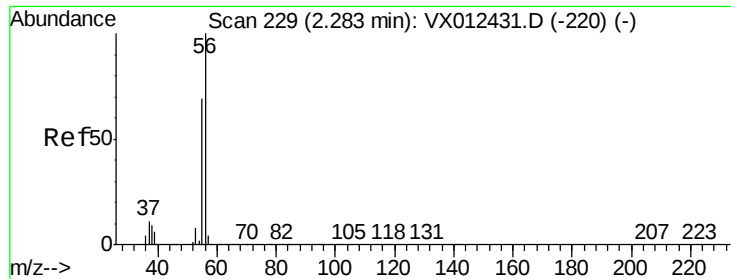
MMDadoda
9/24/2019 10:05:42 AM



#12
1,1-Dichloroethene
Concen: 51.926 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 96 Resp: 97823
Ion Ratio Lower Upper
96 100
61 173.0 133.8 200.6
98 66.9 49.9 74.9





#13

Acrolein

Concen: 218.952 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 77271

Ion Ratio Lower Upper

56 100

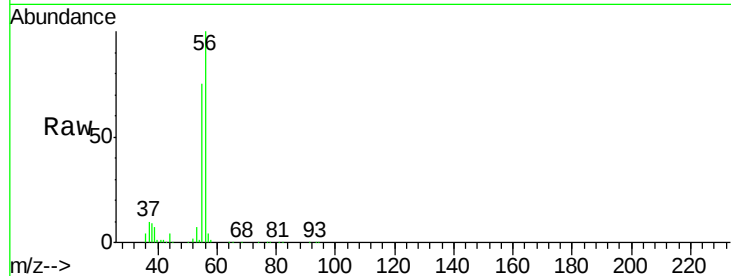
55 72.7 55.8 83.8

Manual Integrations

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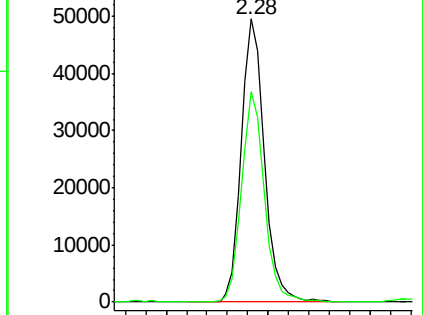
MMDadoda

9/24/2019 10:05:42 AM

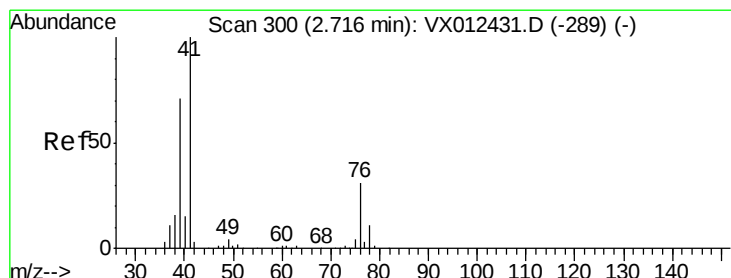
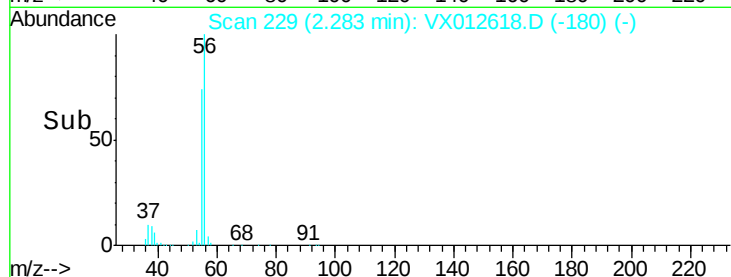


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 51.812 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

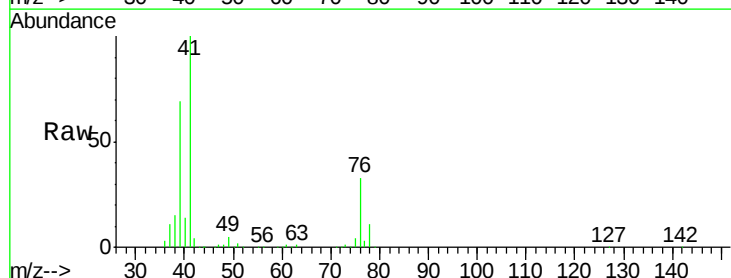
Tgt Ion: 41 Resp: 193658

Ion Ratio Lower Upper

41 100

39 64.0 51.3 76.9

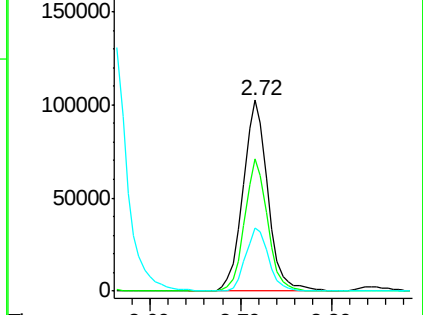
76 30.8 22.6 33.8



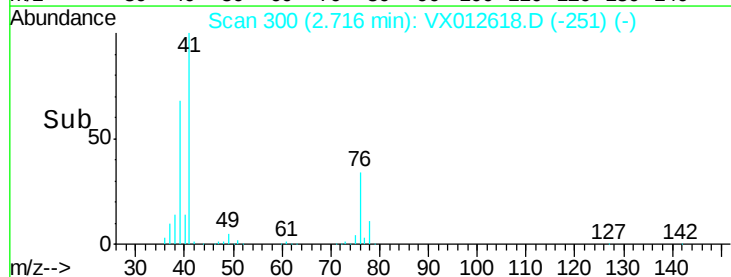
Abundance Ion 41.00 (40.70 to 41.70): VX0

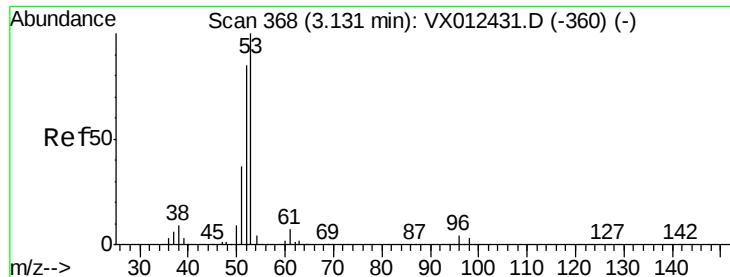
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 263.200 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

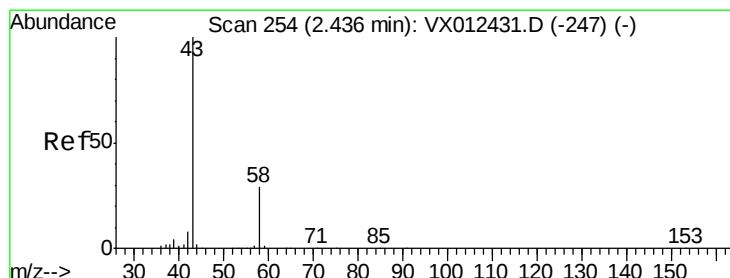
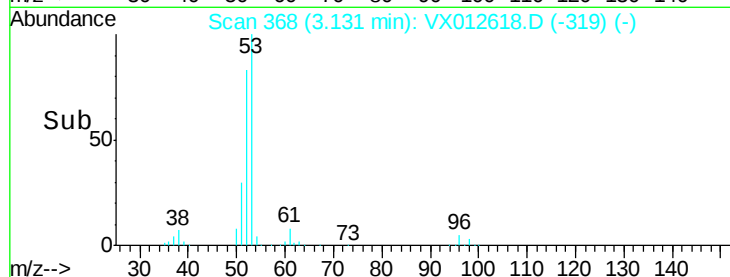
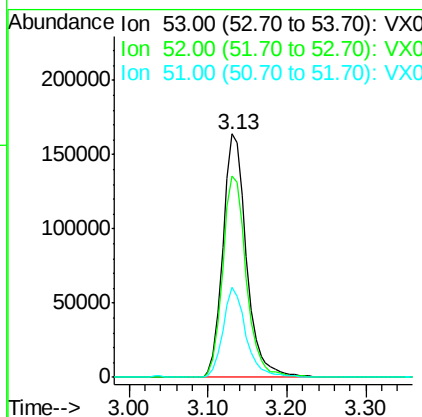
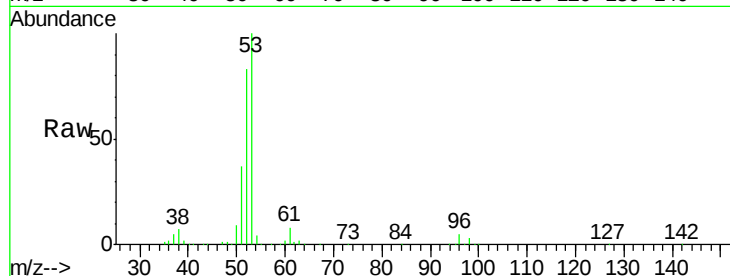
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	340349
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.0	100.4
51	36.2	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 224.293 ug/l

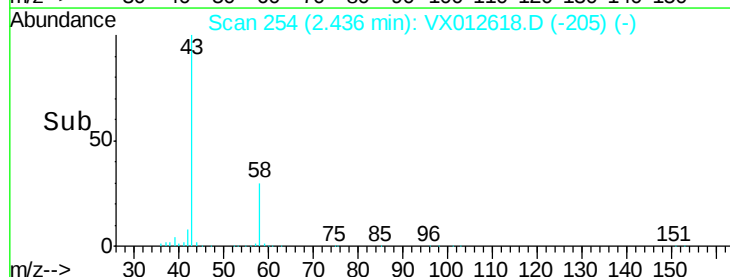
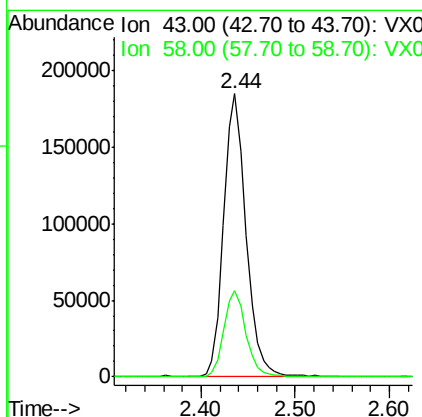
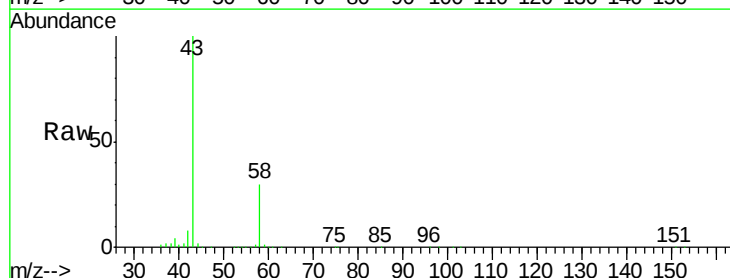
RT: 2.44 min Scan# 254

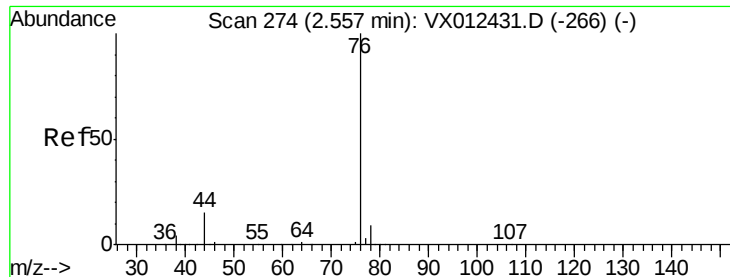
Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion:	43	Resp:	303129
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.3	34.9





#17

Carbon Disulfide

Concen: 49.037 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 258987

Ion Ratio Lower Upper

76 100

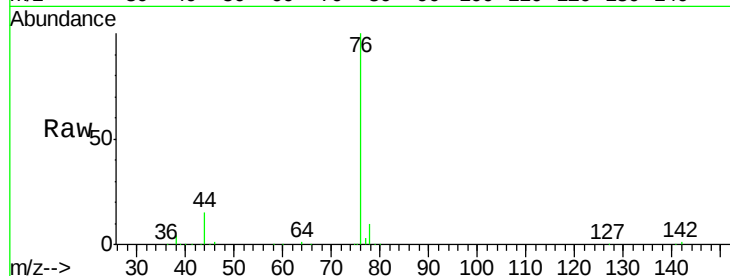
78 9.5 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

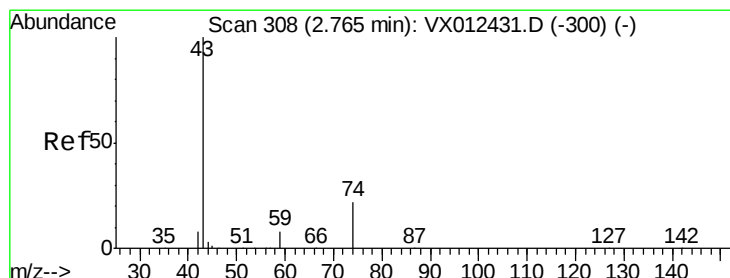
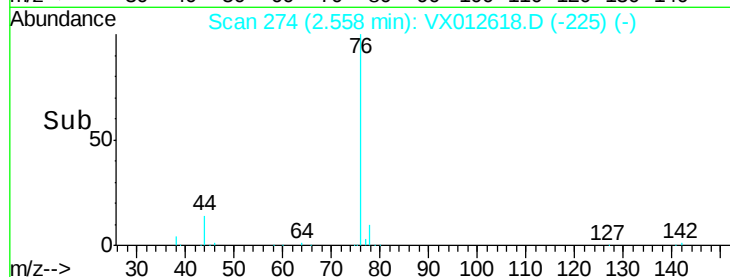
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.089 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012618.D

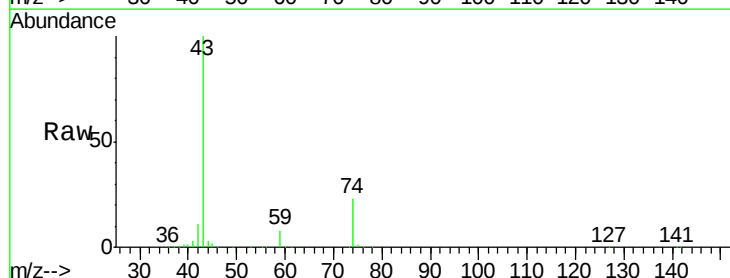
Acq: 23 Sep 2019 20:38

Tgt Ion: 43 Resp: 165764

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

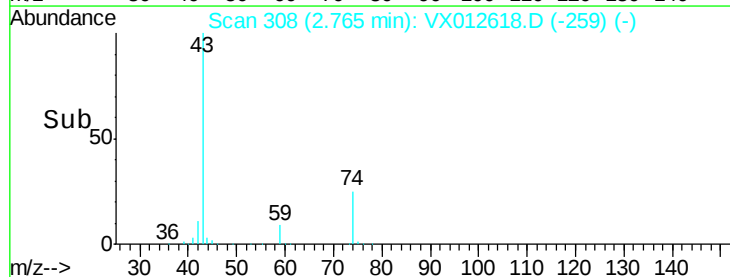
60000

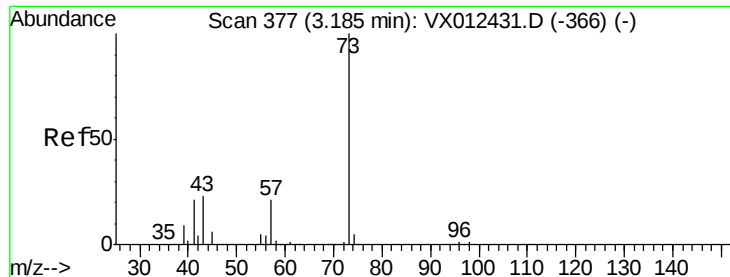
40000

20000

0

Time-->





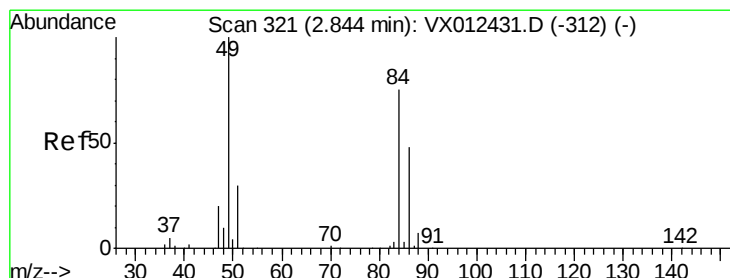
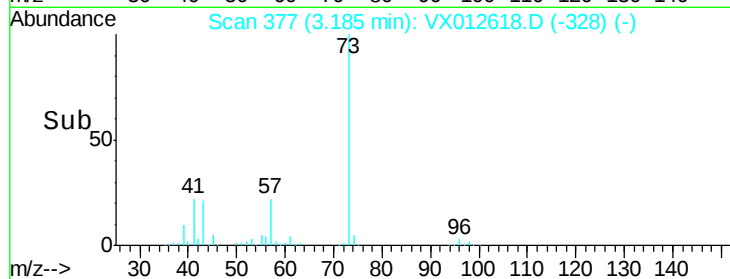
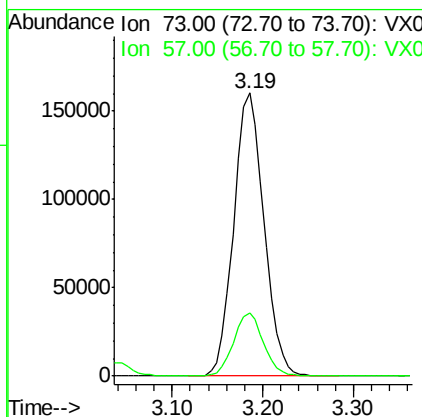
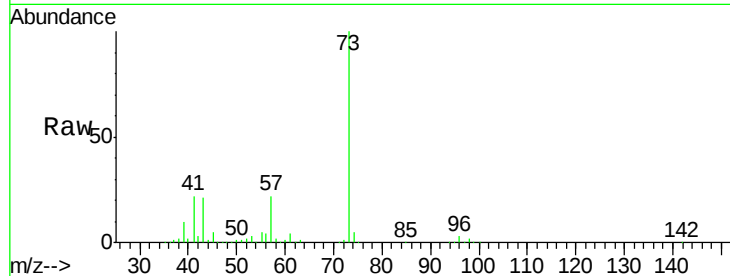
#19
Methvl tert-butvl Ether
Concen: 51.929 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

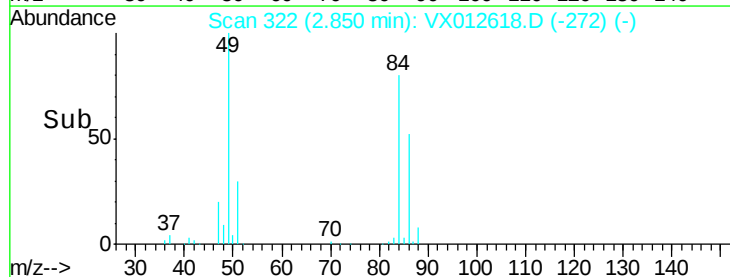
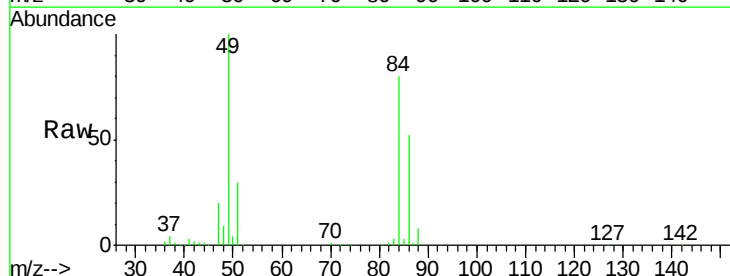
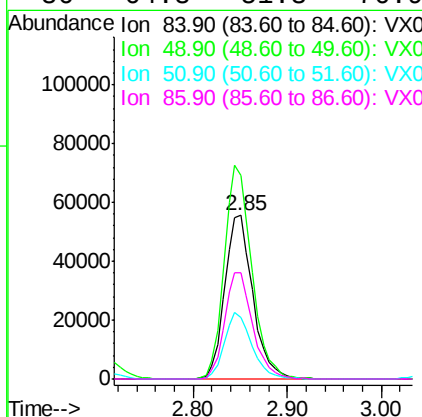
Manual Integrations
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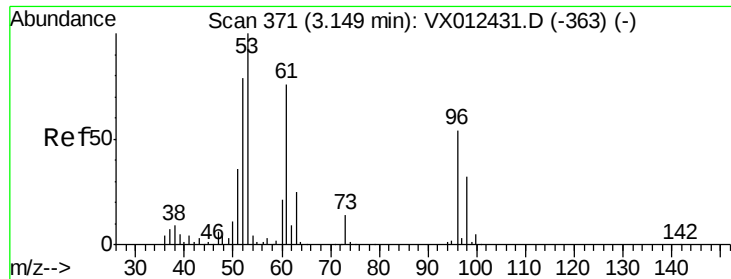
MMDadoda
9/24/2019 10:05:42 AM



#20
Methylene Chloride
Concen: 50.282 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	106.8	160.2
51	37.8	32.3	48.5
86	64.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 51.091 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 106632

Ion Ratio Lower Upper

96 100

61 139.2 112.0 168.0

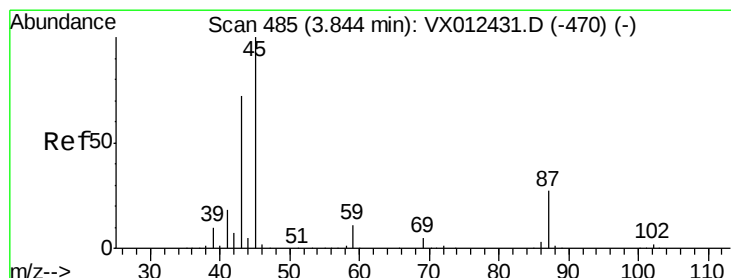
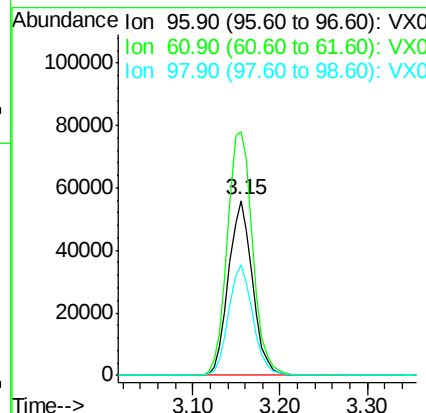
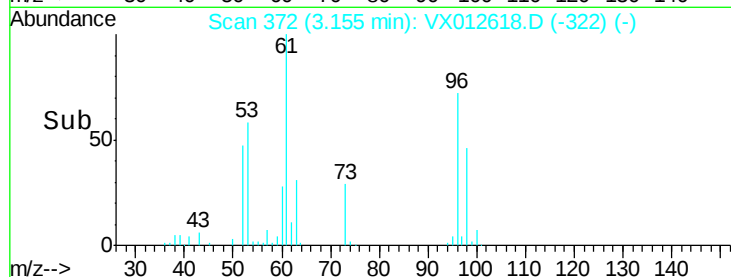
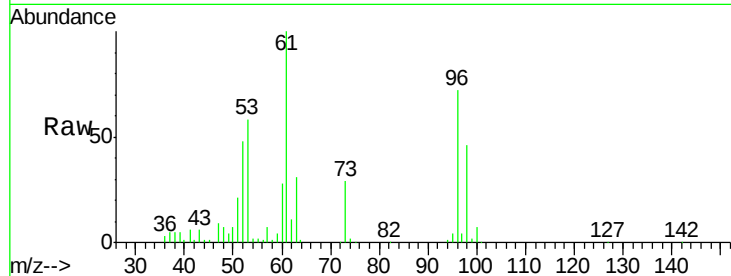
98 63.4 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 52.308 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion: 45 Resp: 377778

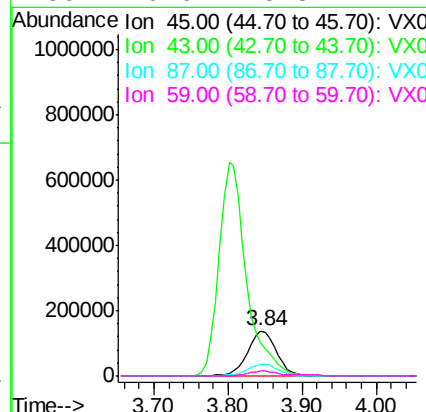
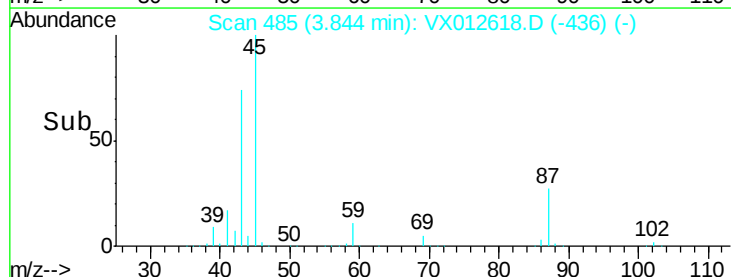
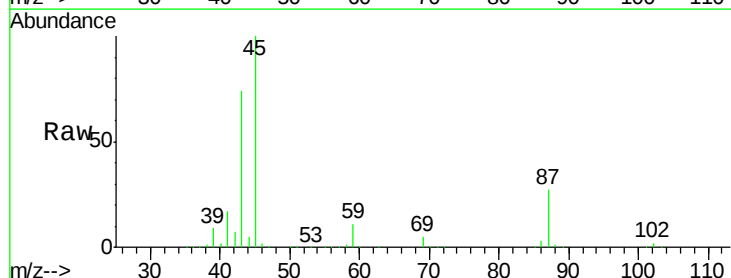
Ion Ratio Lower Upper

45 100

43 73.4 57.8 86.8

87 26.5 21.3 31.9

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 264.118 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1672795

Ion Ratio Lower Upper

43 100

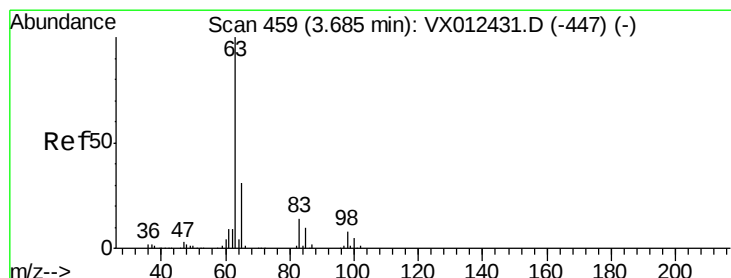
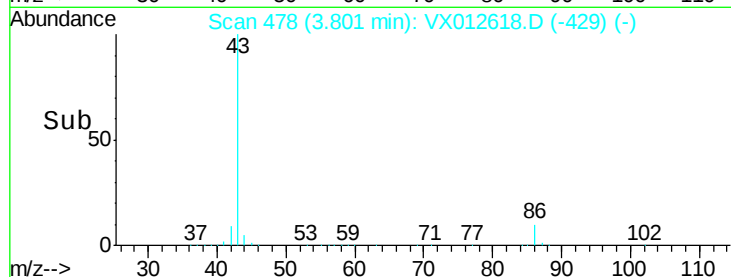
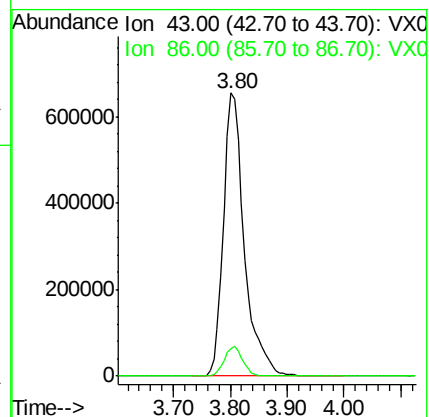
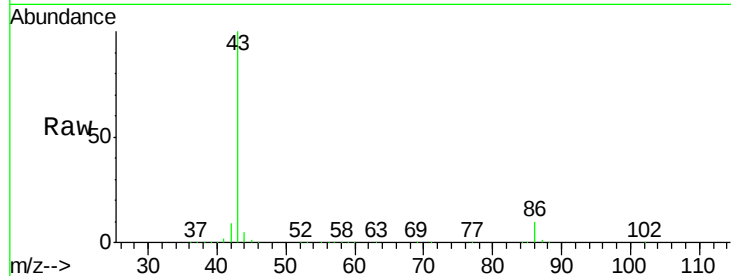
86 9.9 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.838 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

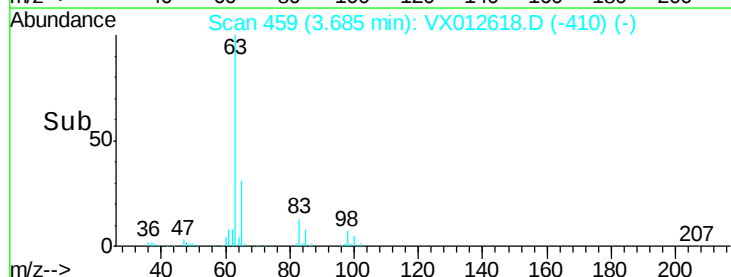
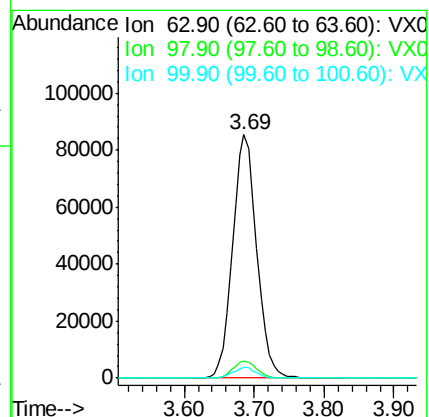
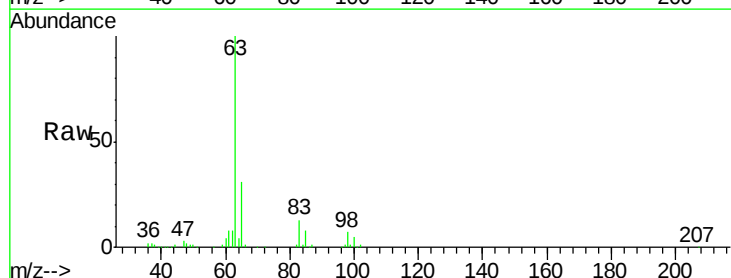
Tgt Ion: 63 Resp: 203507

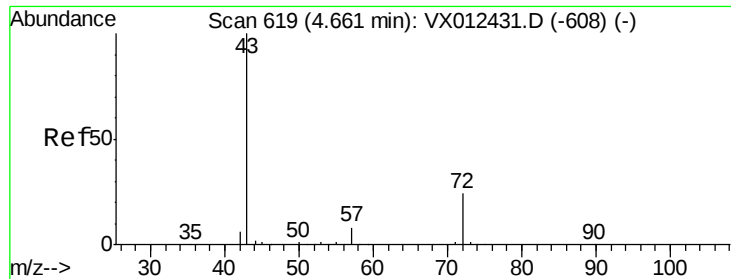
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 251.876 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 488094

Ion Ratio Lower Upper

43 100

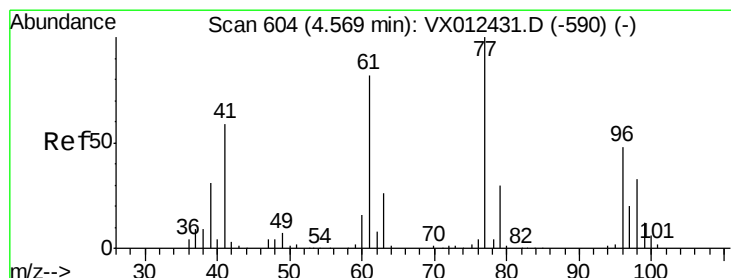
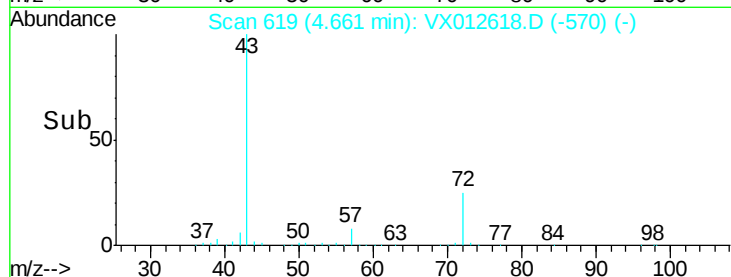
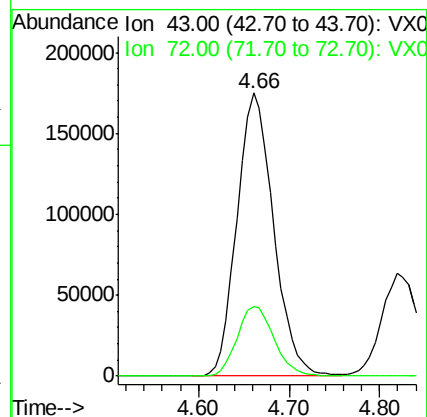
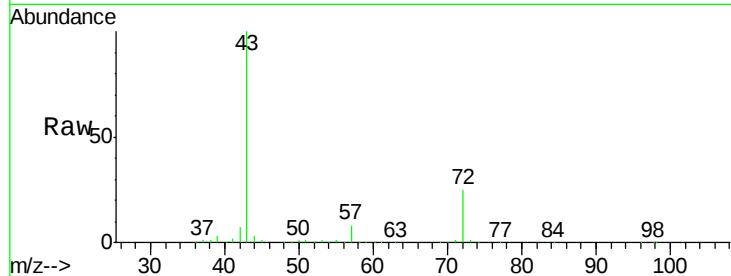
72 24.6 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.259 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012618.D

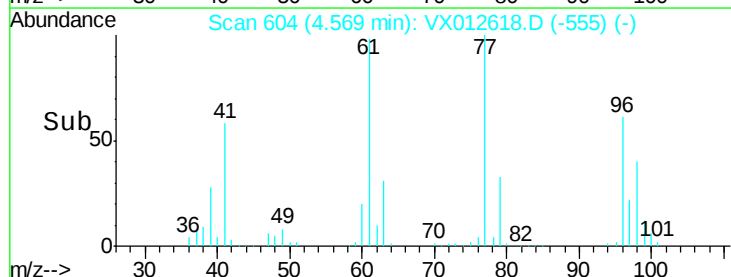
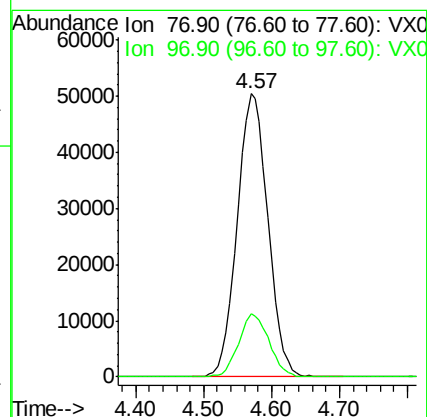
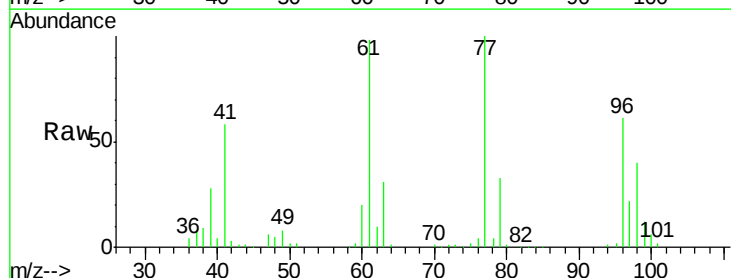
Acq: 23 Sep 2019 20:38

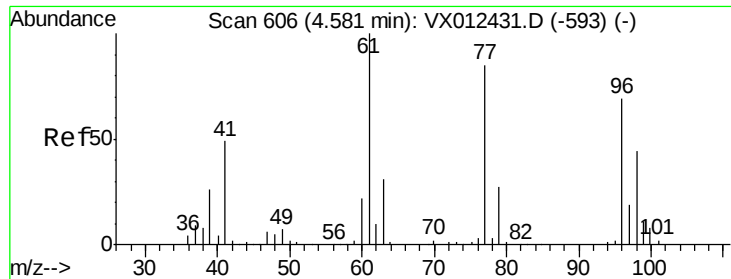
Tgt Ion: 77 Resp: 158025

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6





#27

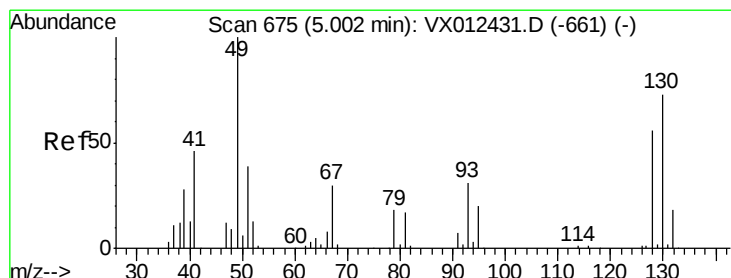
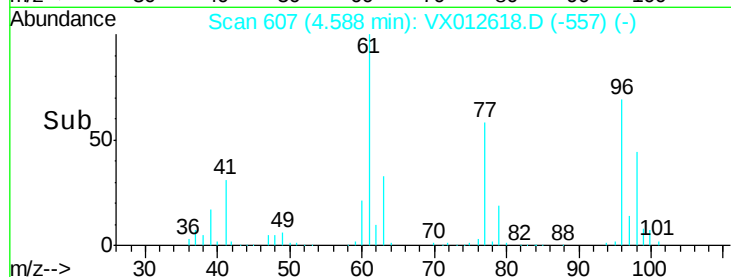
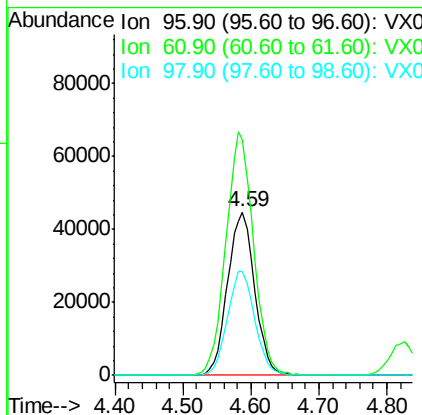
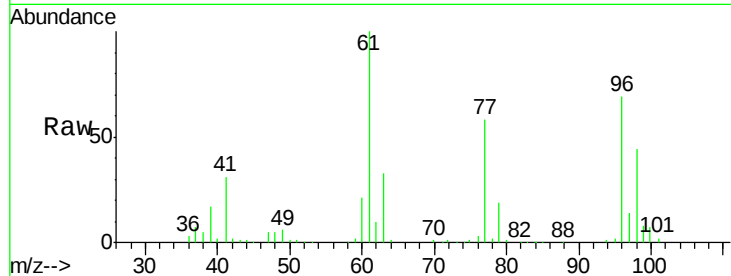
cis-1,2-Dichloroethene
Concen: 51.008 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123526		
61	152.0	0.0	319.4	
98	64.6	0.0	130.6	

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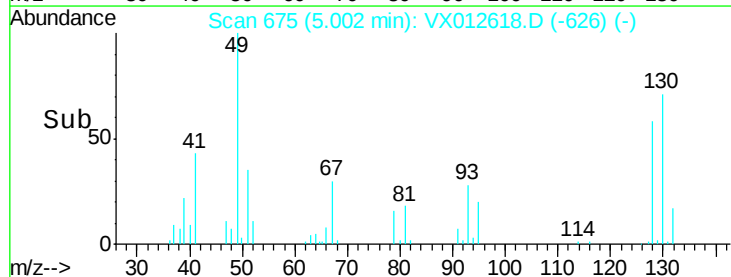
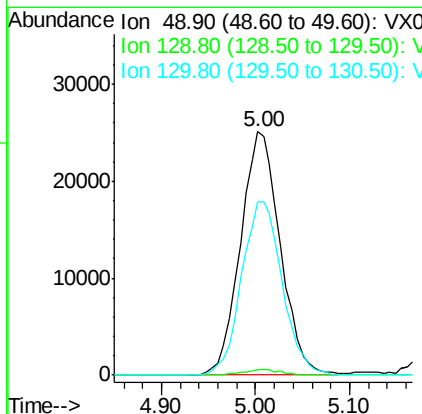
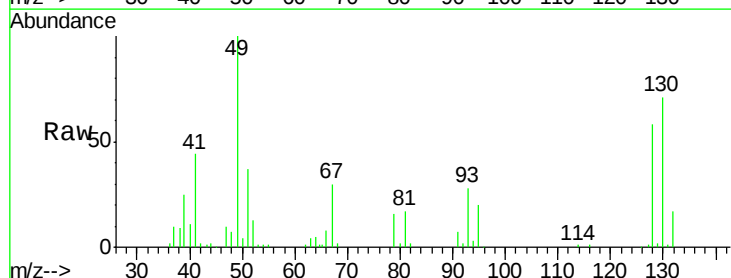
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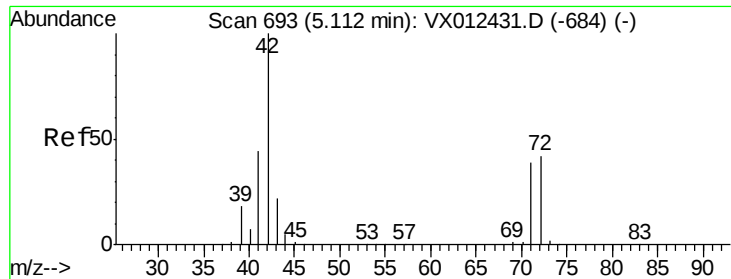


#28

Bromochloromethane
Concen: 51.951 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74054		
129	2.1	0.0	3.8	
130	72.9	58.2	87.4	





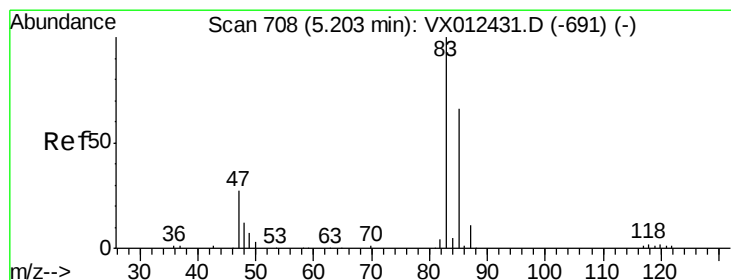
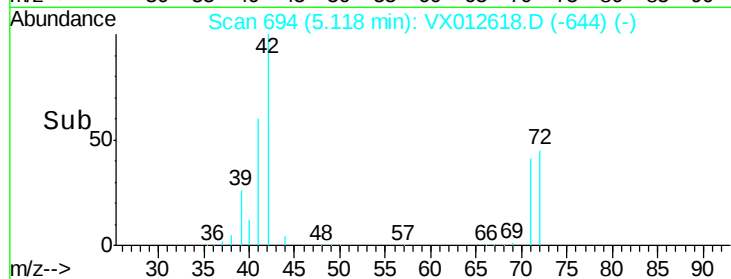
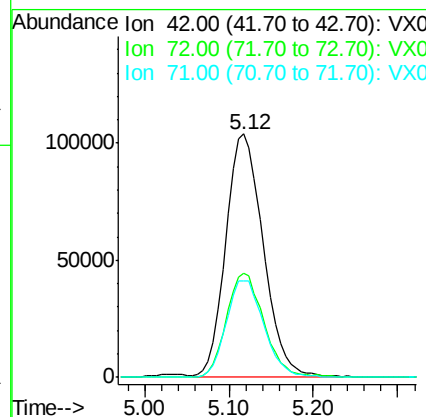
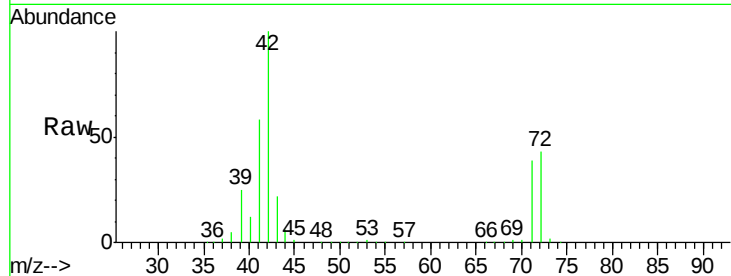
#29
Tetrahydrofuran
Concen: 266.037 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.0	51.0
71	40.4	31.5	47.3

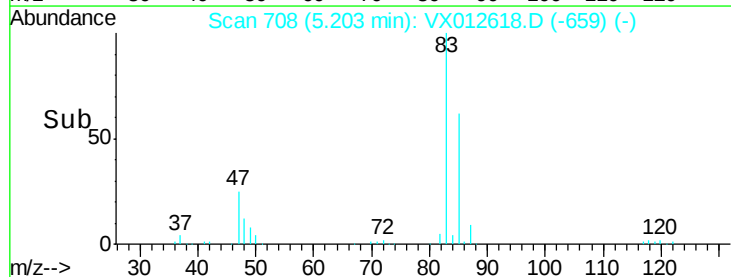
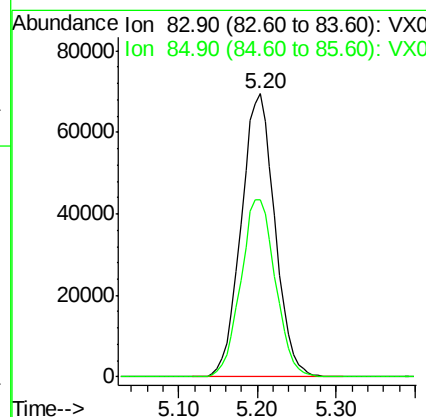
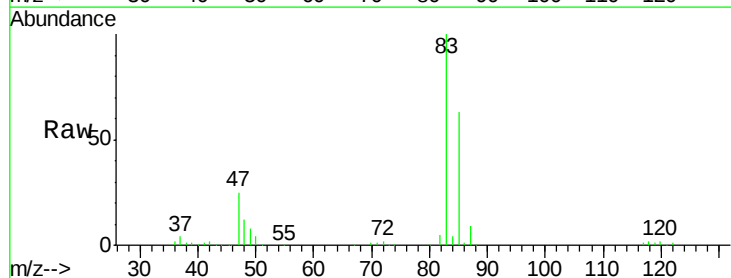
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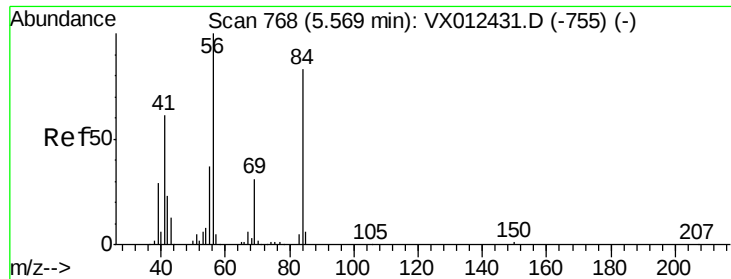
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#30
Chloroform
Concen: 51.346 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.0	79.4





#31

Cyclohexane

Concen: 51.249 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

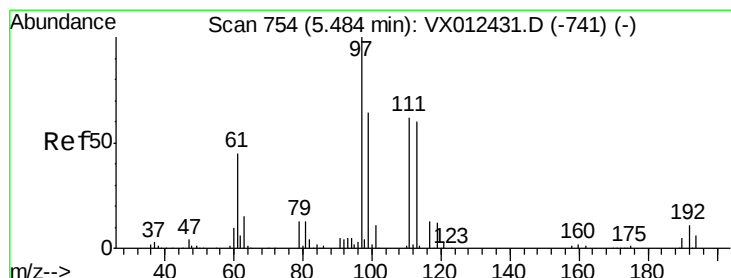
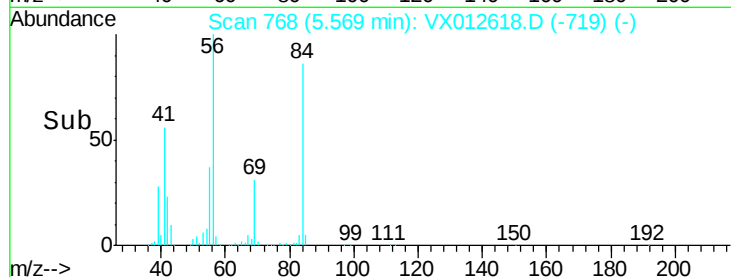
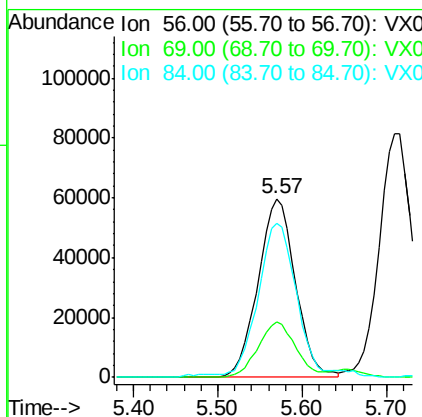
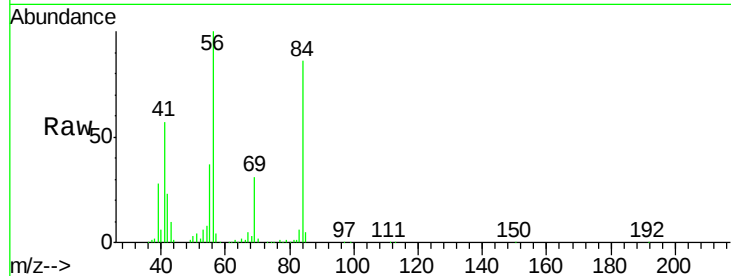
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.6
84	84.5	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.289 ug/l

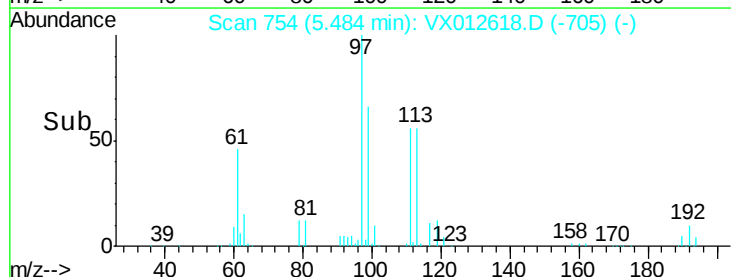
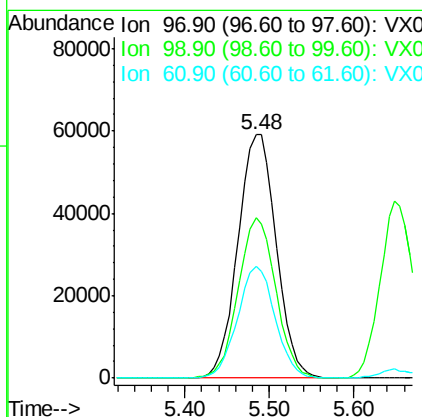
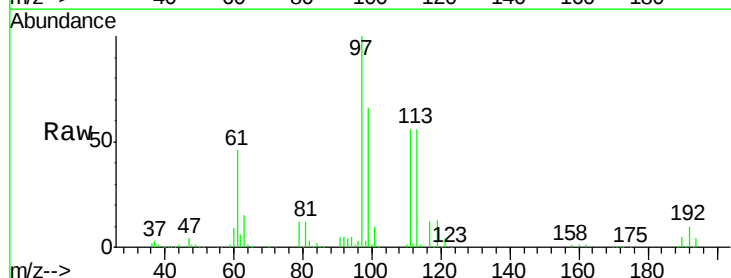
RT: 5.48 min Scan# 754

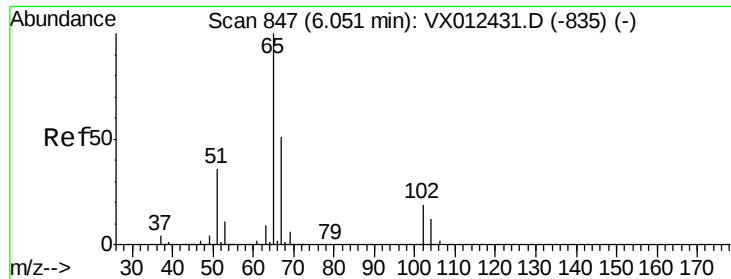
Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	45.1	36.1	54.1





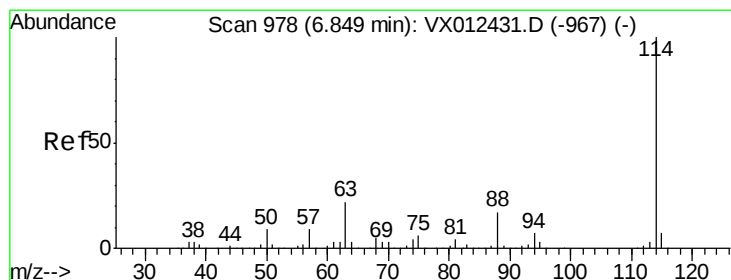
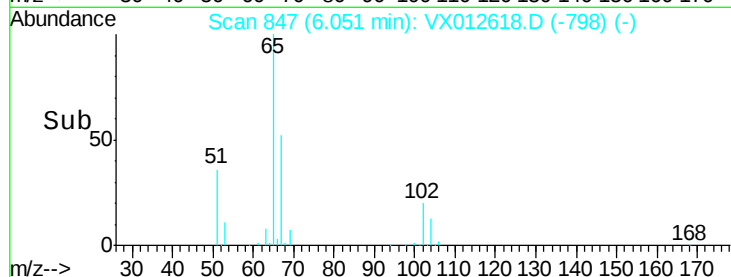
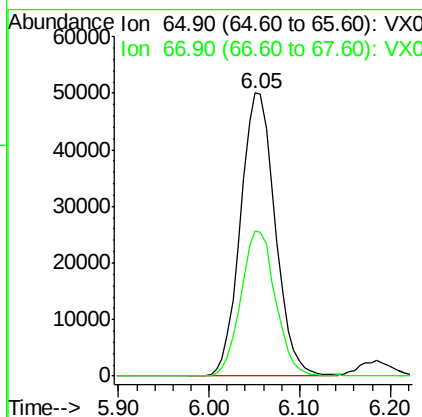
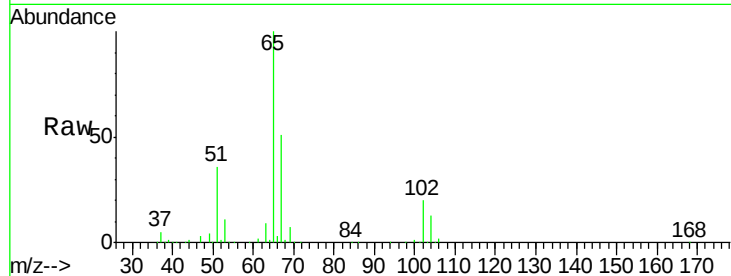
#33
 1,2-Dichloroethane-d4
 Concen: 52.089 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	101.2	

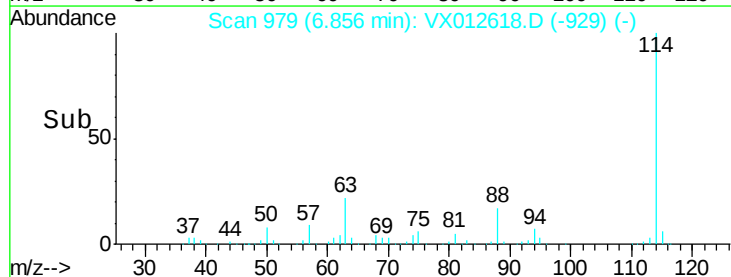
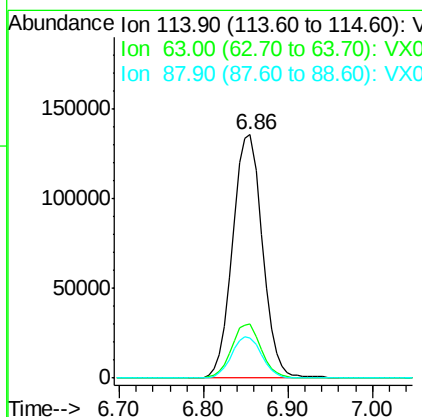
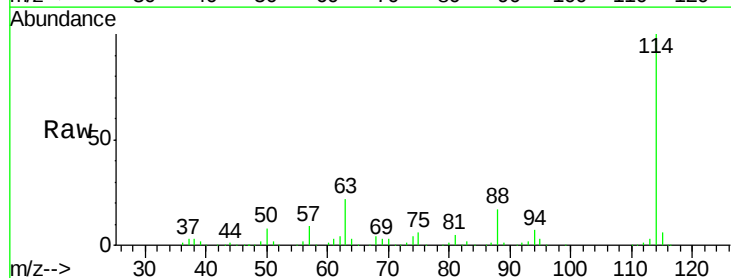
Manual Integrations
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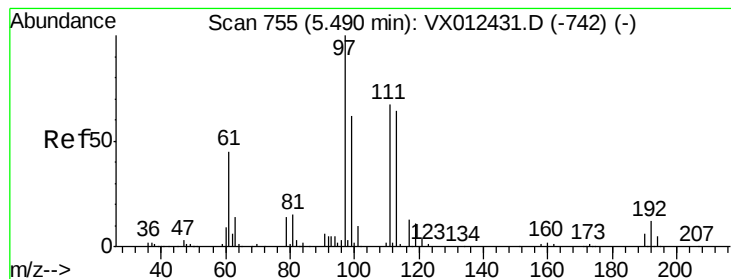
MMDadoda
 9/24/2019 10:05:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	43.2	
88	16.7	0.0	33.2	





#35

Dibromofluoromethane

Concen: 50.394 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

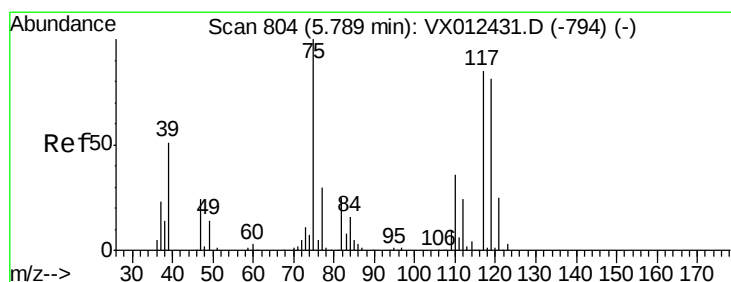
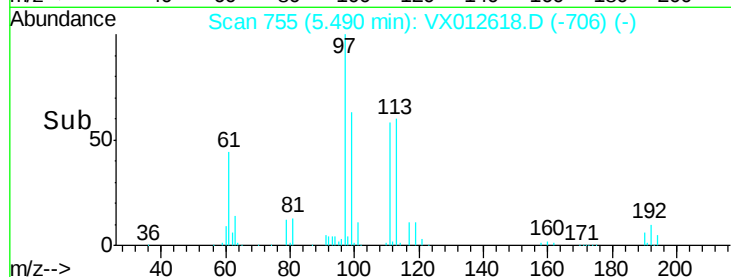
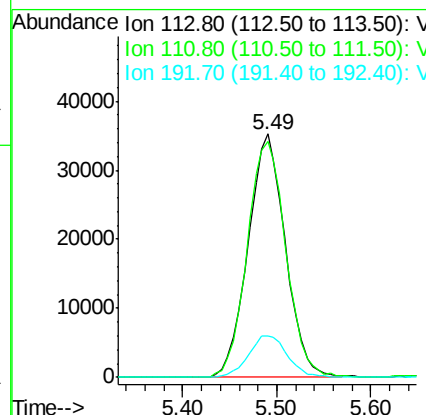
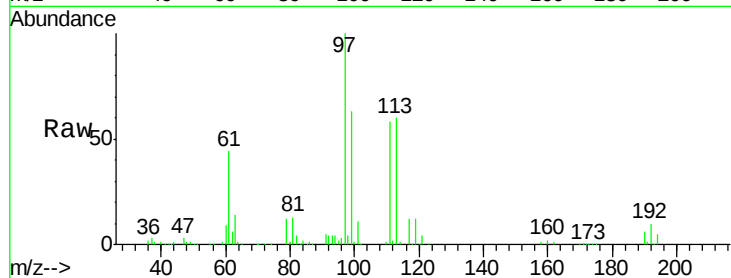
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	97394
Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.4	125.2
192	17.9	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 48.927 ug/l

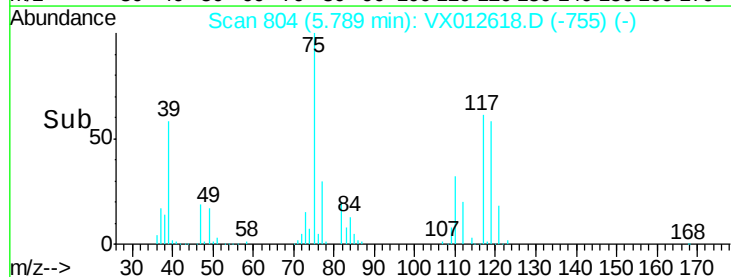
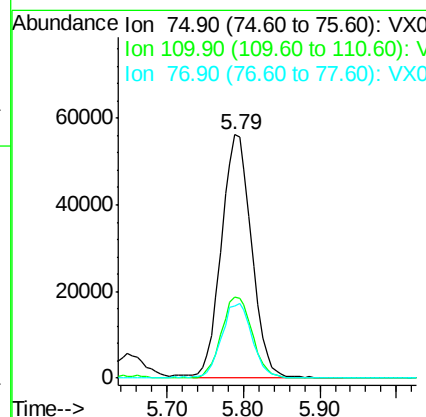
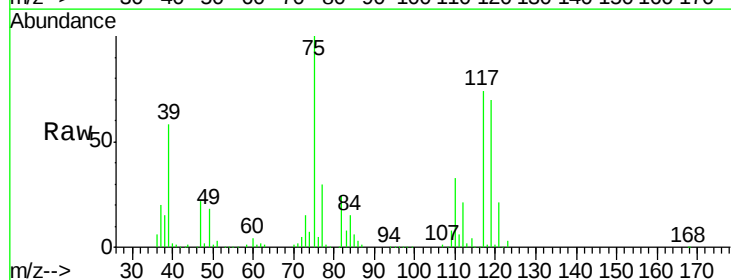
RT: 5.79 min Scan# 804

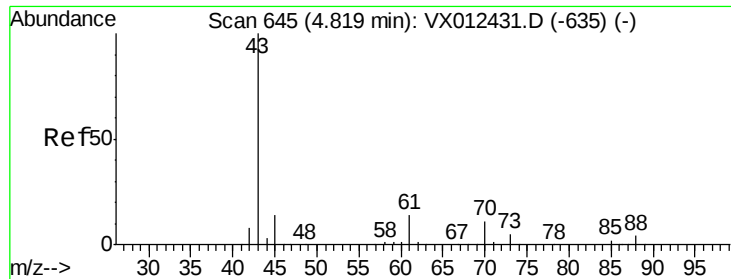
Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion:	75	Resp:	153043
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.0
77	31.4	24.2	36.2





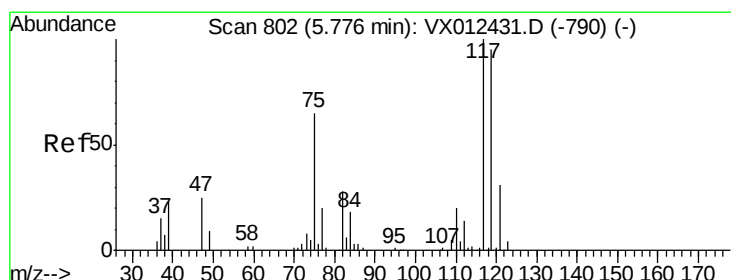
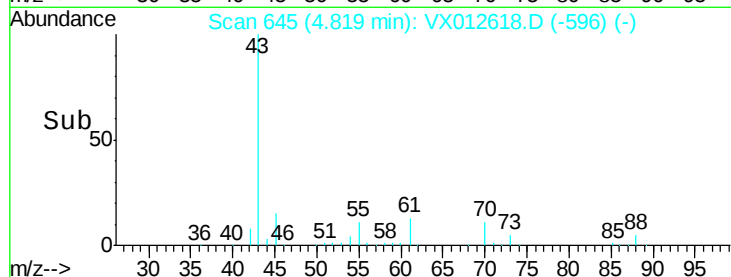
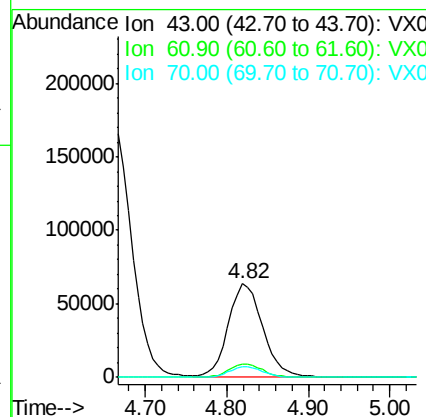
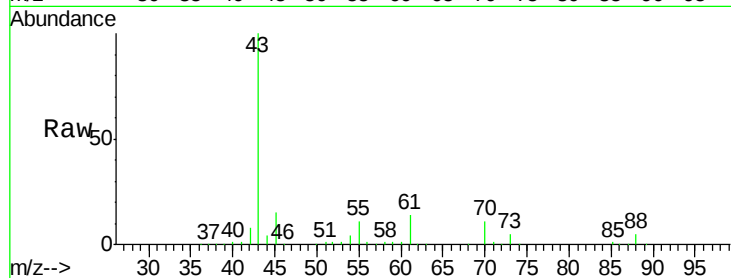
#37
Ethyl Acetate
Concen: 50.677 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.2	15.4
70	11.3	8.7	13.1

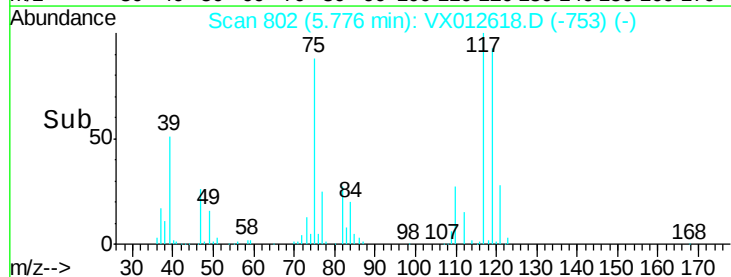
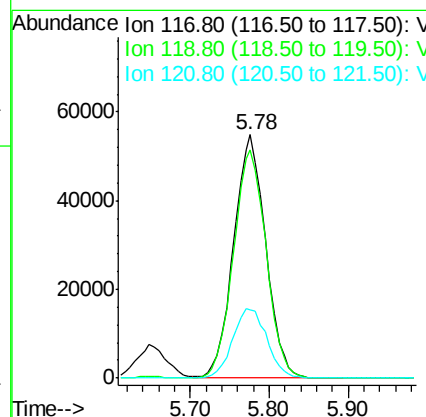
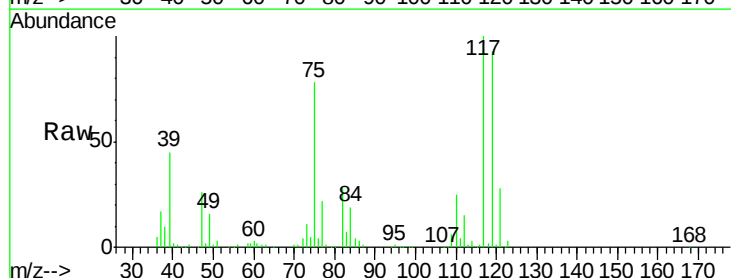
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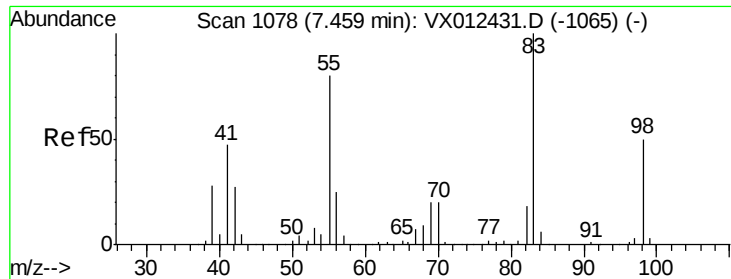
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#38
Carbon Tetrachloride
Concen: 48.864 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.7	113.5
121	28.3	24.2	36.4





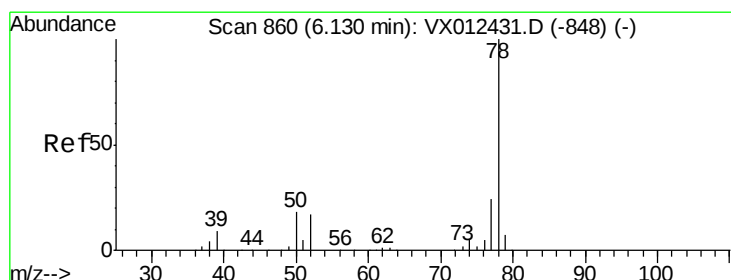
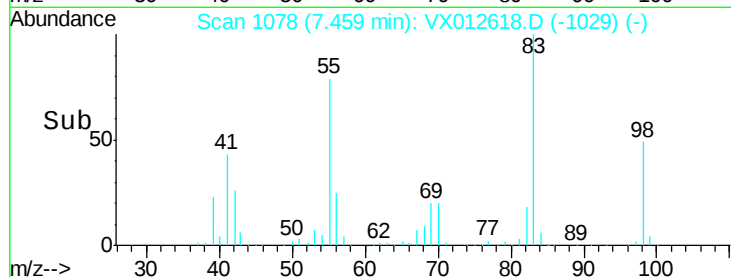
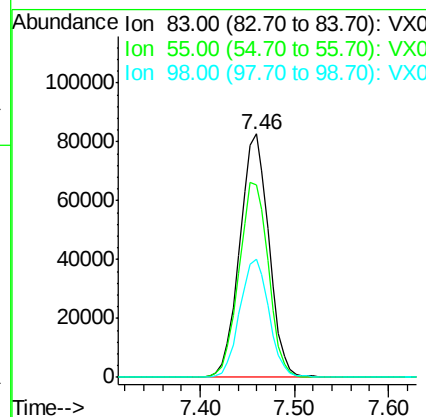
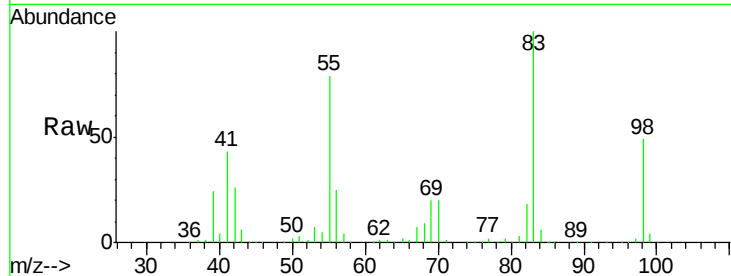
#39
Methylvlcvclohexane
Concen: 47.241 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.4	96.6
98	48.7	40.1	60.1

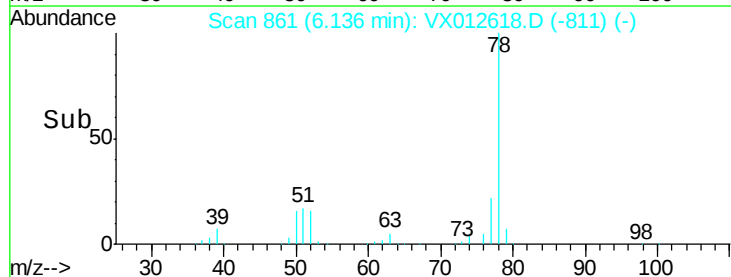
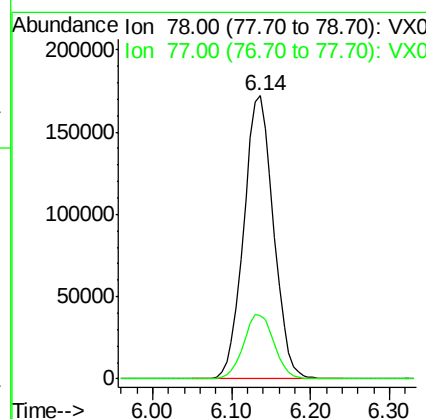
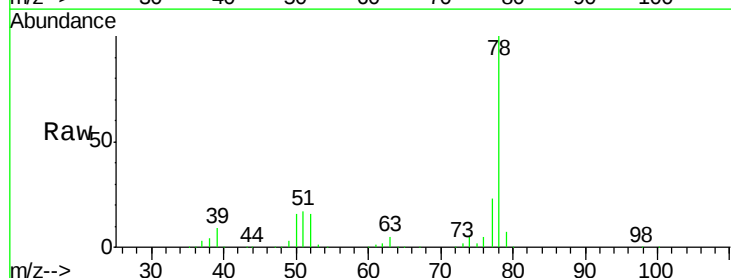
Manual Integrations
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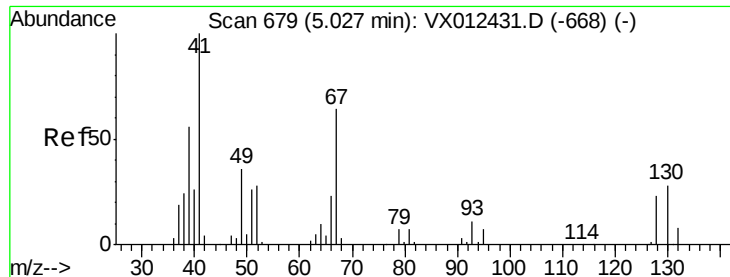
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#40
Benzene
Concen: 49.052 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.2	28.8





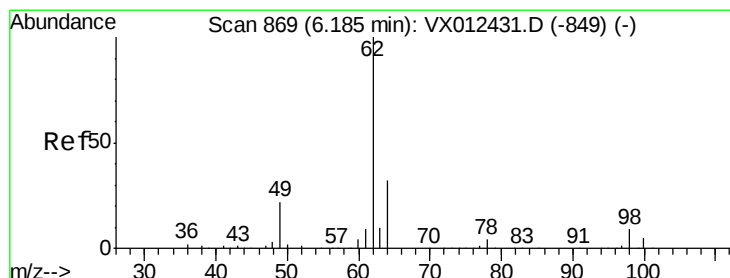
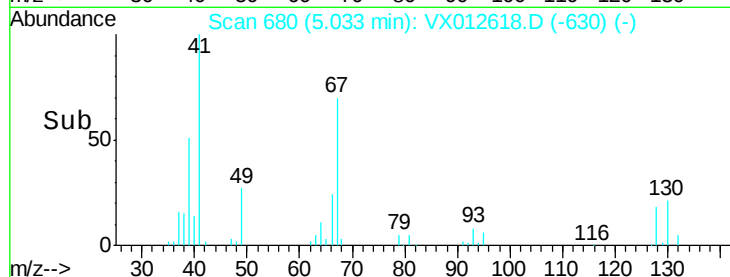
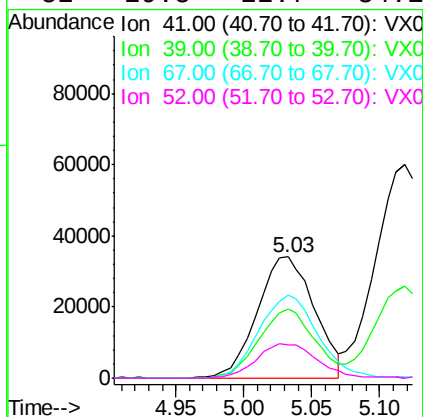
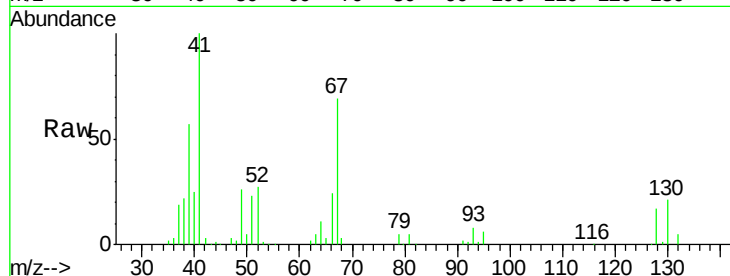
#41
Methacrylonitrile
Concen: 48.738 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	46.0	69.0	
67	71.1	52.2	78.2	
52	29.8	22.7	34.1	

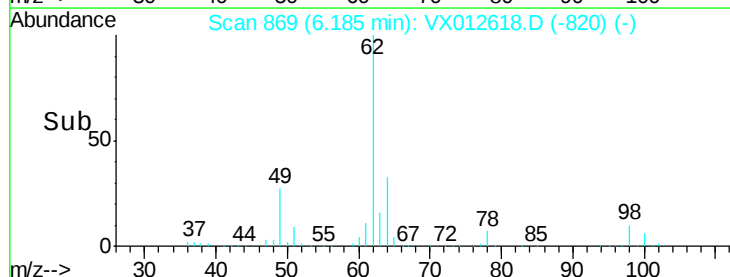
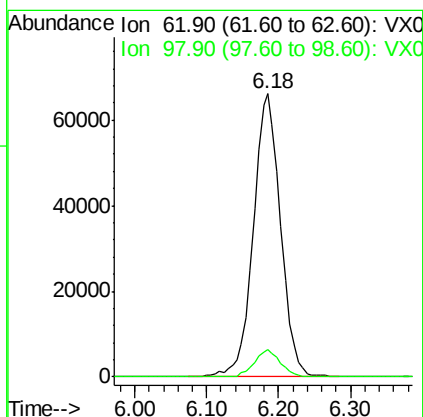
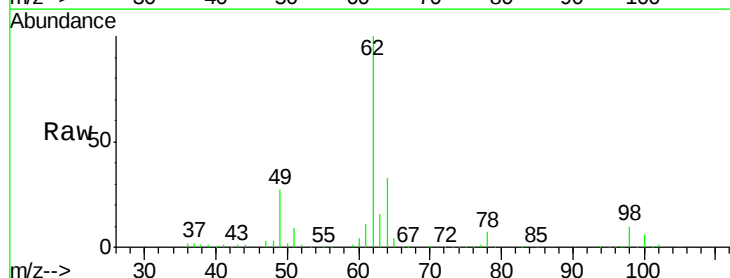
Manual Integrations
APPROVED

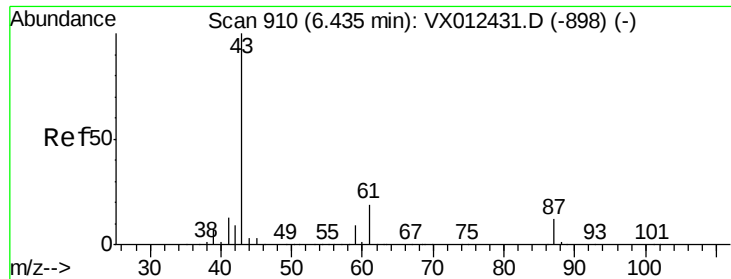
MMDadoda
9/24/2019 10:05:42 AM



#42
1,2-Dichloroethane
Concen: 49.577 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.8	





#43

Isopropyl Acetate

Concen: 49.324 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

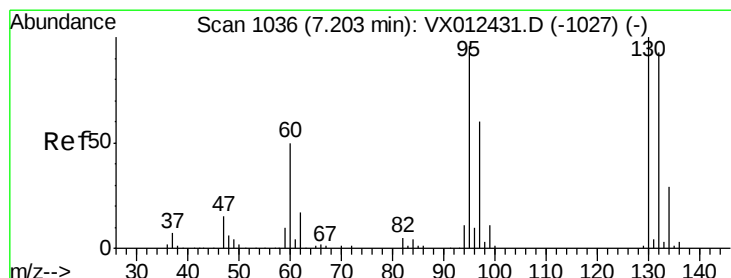
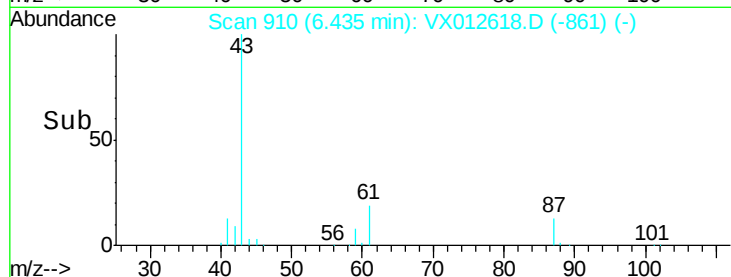
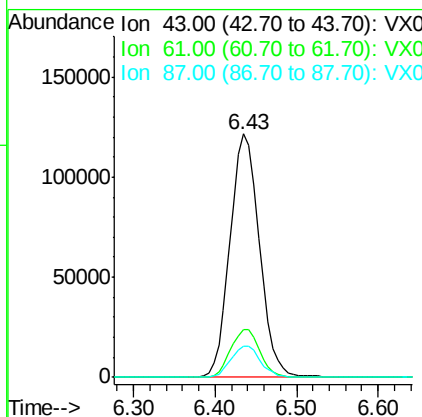
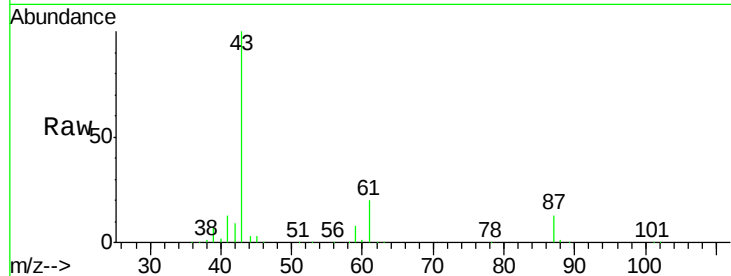
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	301644
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	12.9	9.8	14.8

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#44

Trichloroethene

Concen: 47.915 ug/l

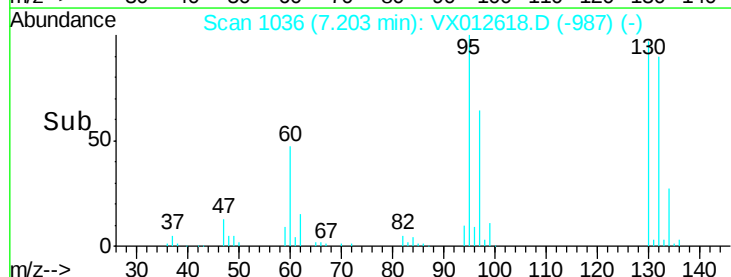
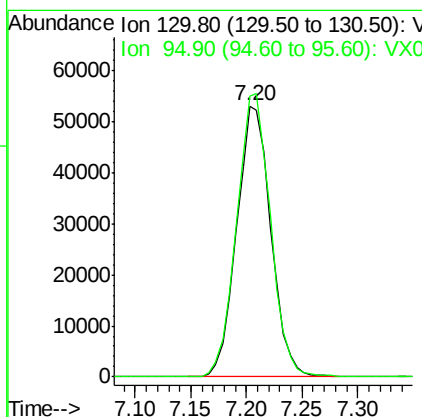
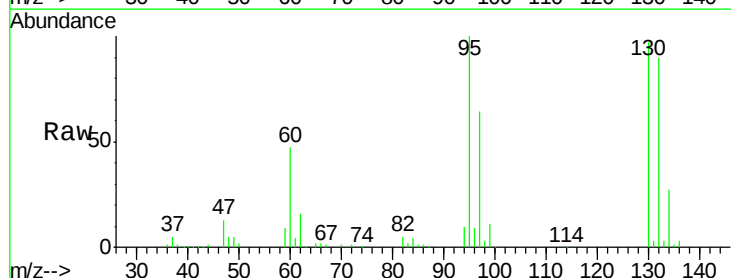
RT: 7.20 min Scan# 1036

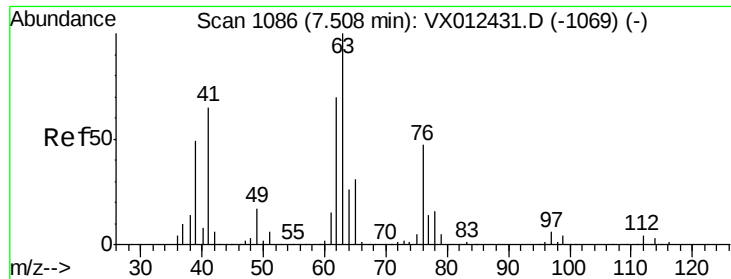
Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion:	130	Resp:	112735
Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.311 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 118547

Ion Ratio Lower Upper

63 100

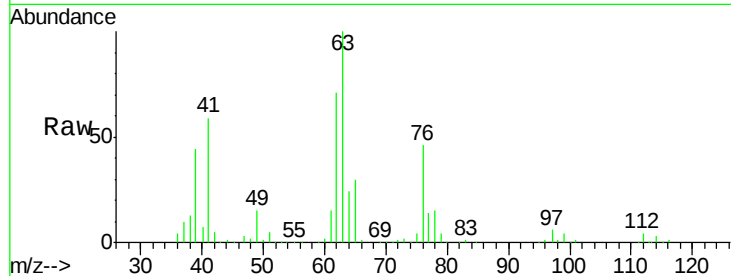
65 29.9 25.0 37.6

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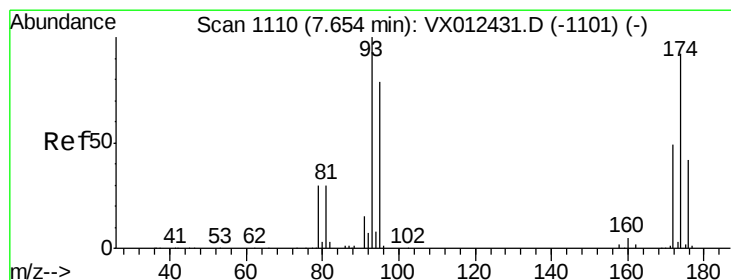
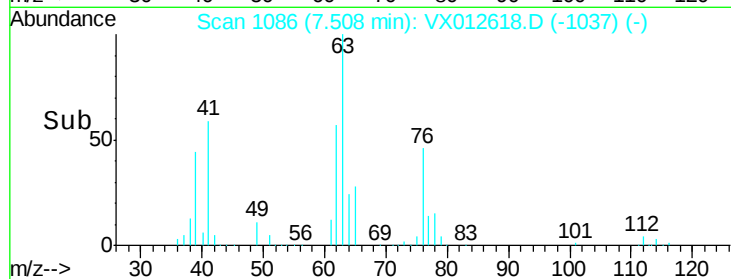
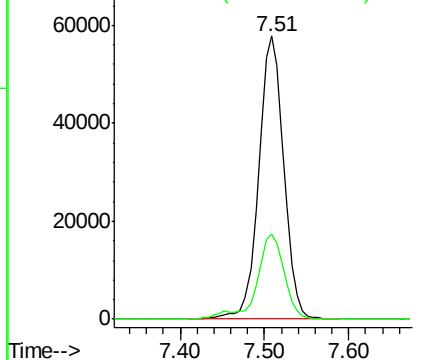
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.585 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

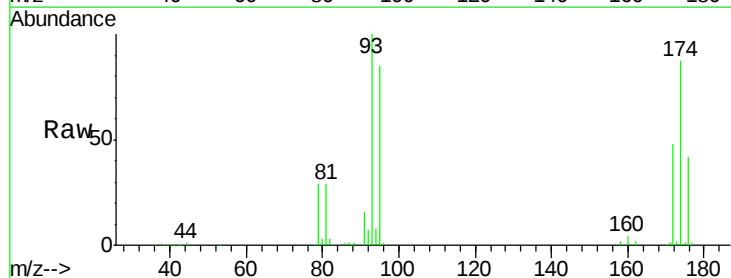
Tgt Ion: 93 Resp: 79549

Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

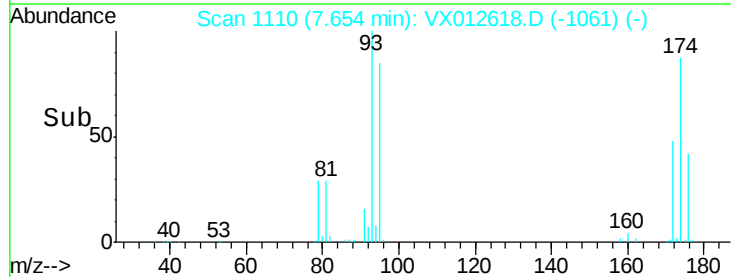
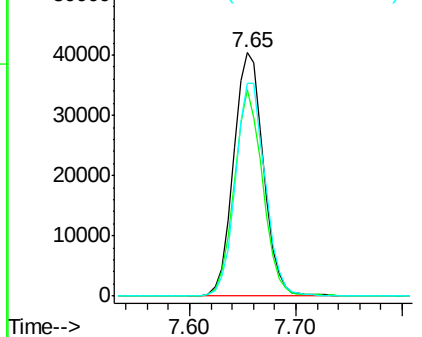
174 87.3 77.4 116.0

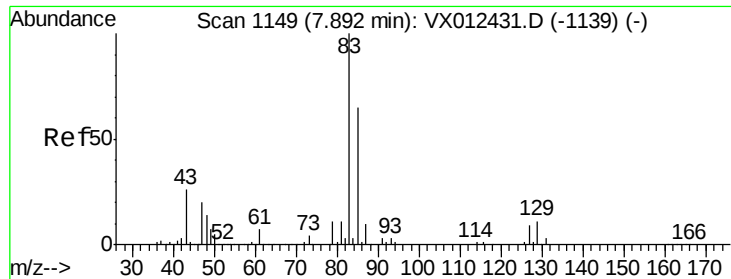


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.933 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 156897

Ion Ratio Lower Upper

83 100

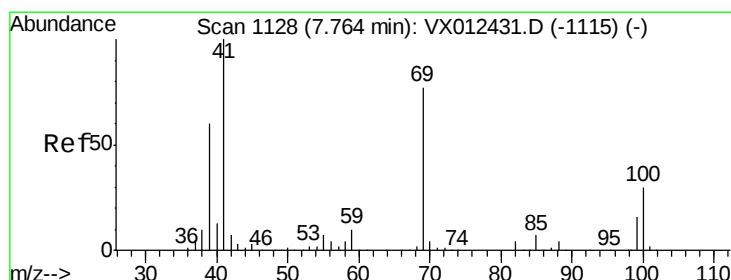
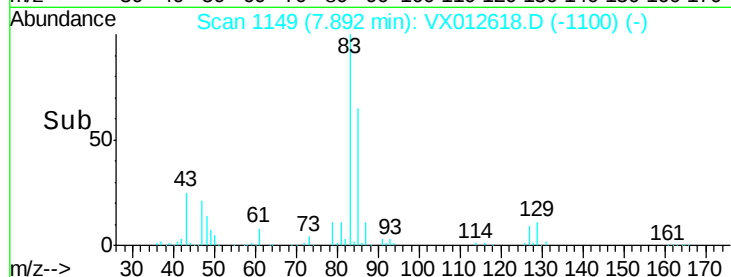
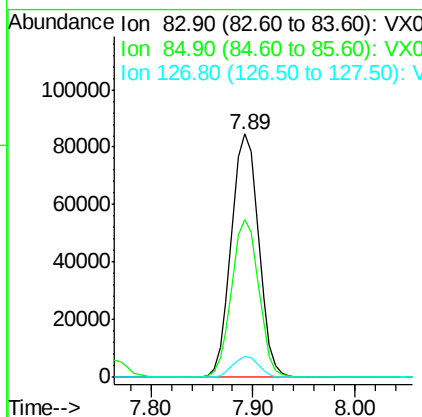
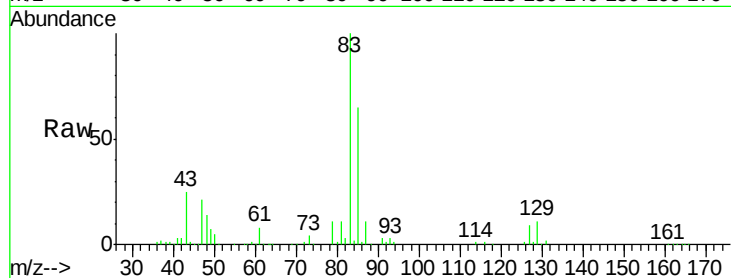
85 64.7 51.8 77.6

127 8.6 7.3 10.9

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#48

Methyl methacrylate

Concen: 49.016 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

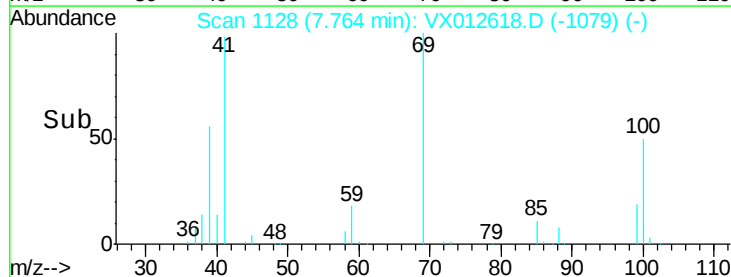
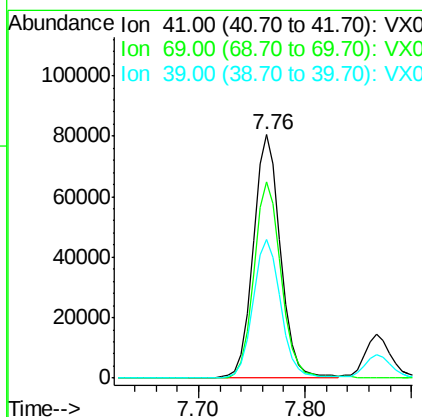
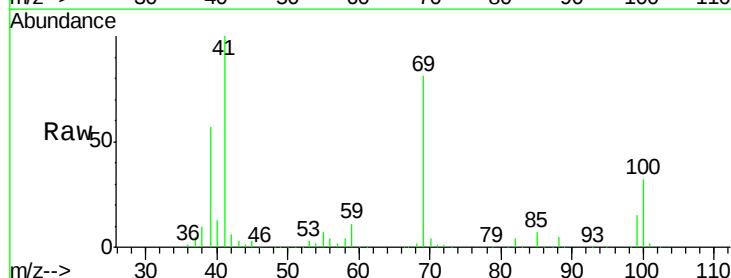
Tgt Ion: 41 Resp: 143735

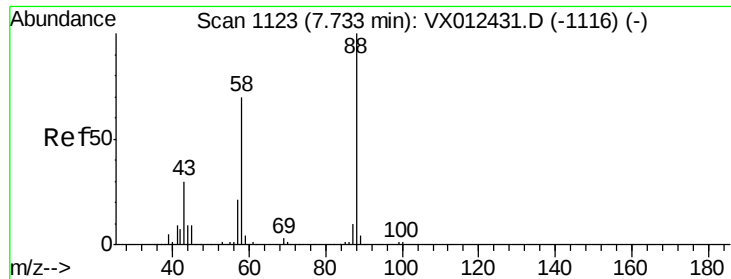
Ion Ratio Lower Upper

41 100

69 81.2 59.9 89.9

39 58.4 47.8 71.6





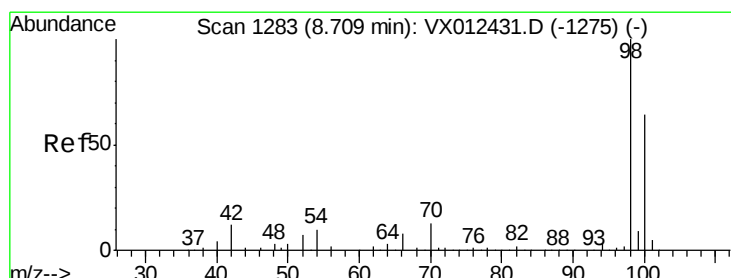
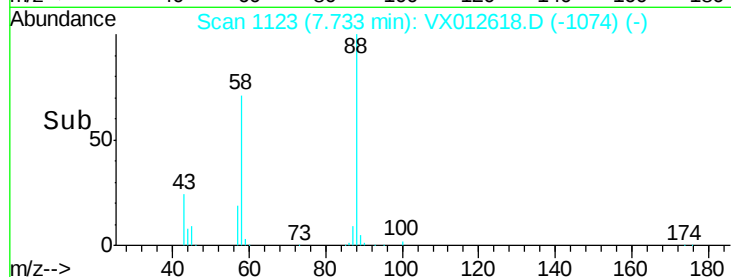
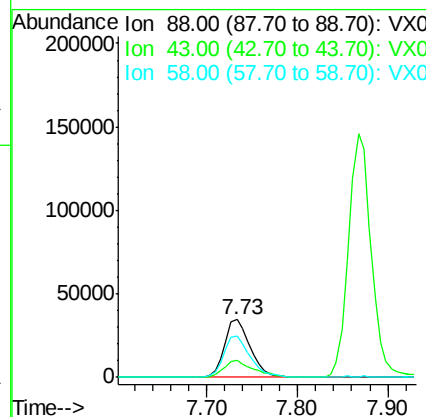
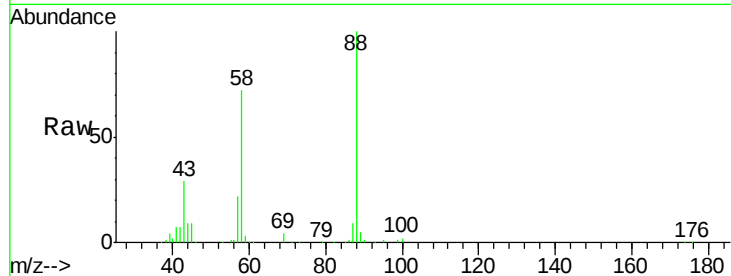
#49
1,4-Dioxane
Concen: 1037.710 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	29.4	44.0
58	73.5	57.5	86.3

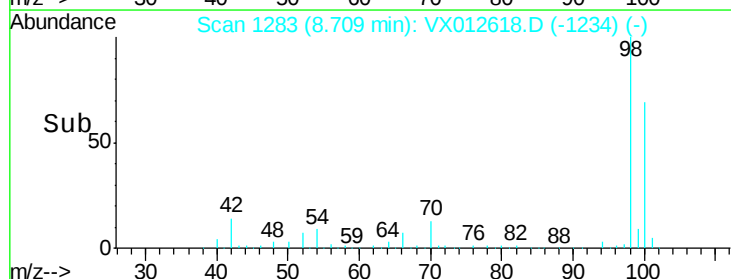
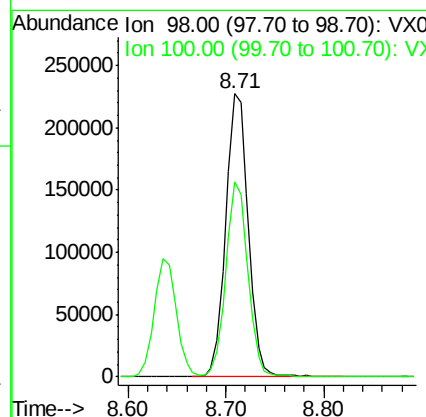
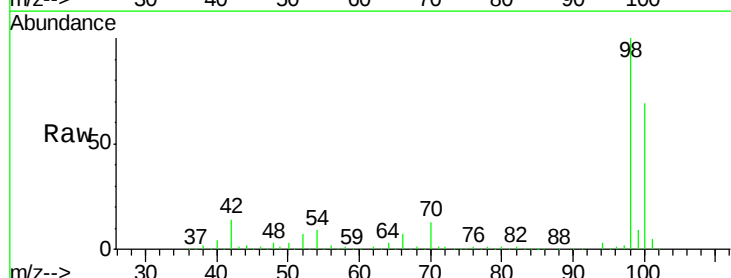
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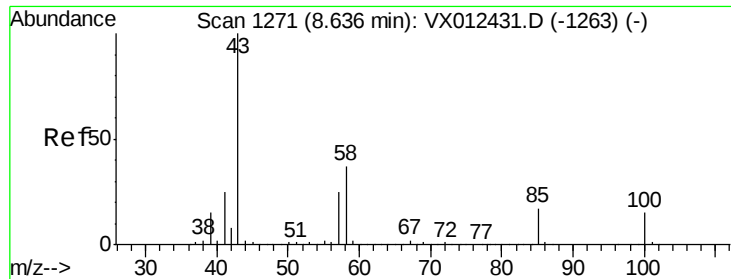
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#50
Toluene-d8
Concen: 48.884 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 250.337 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 945036

Ion Ratio Lower Upper

43 100

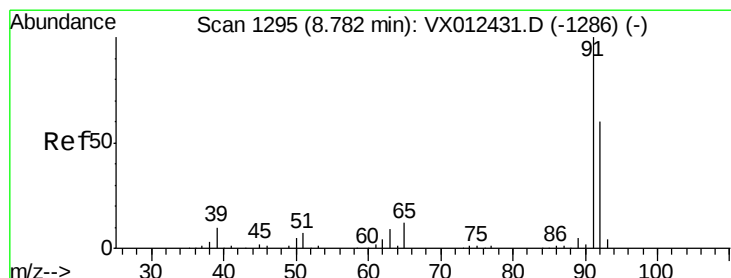
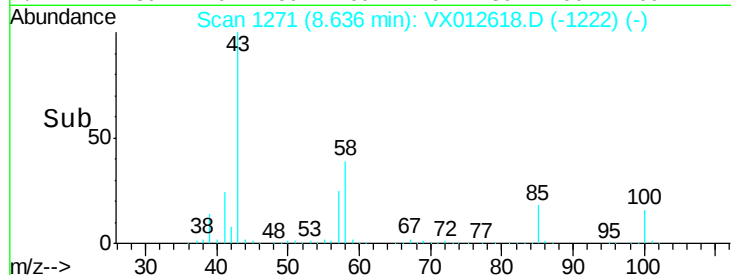
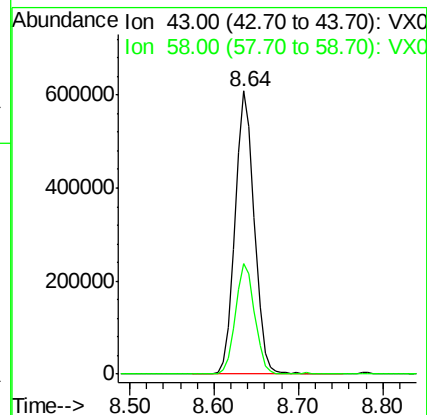
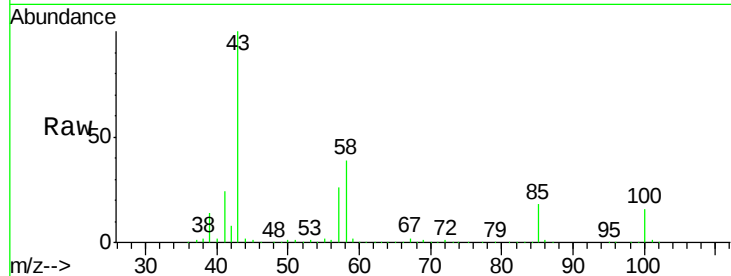
58 38.9 29.8 44.6

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#52

Toluene

Concen: 49.500 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012618.D

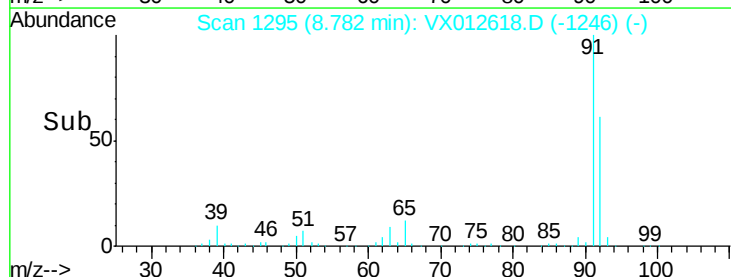
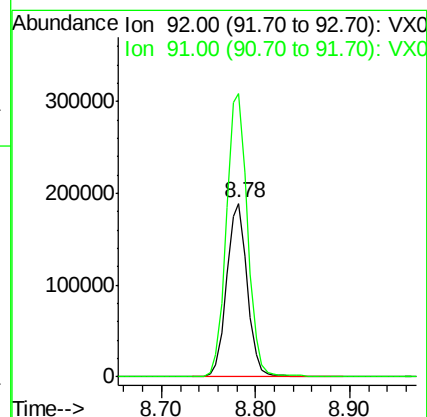
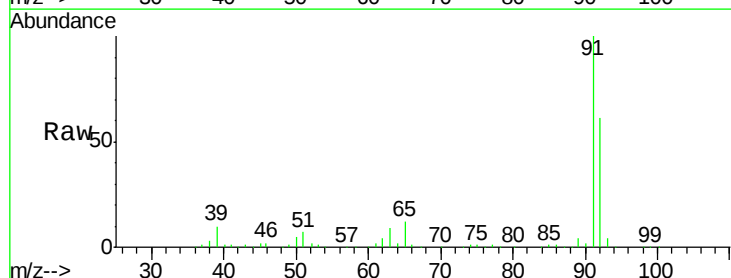
Acq: 23 Sep 2019 20:38

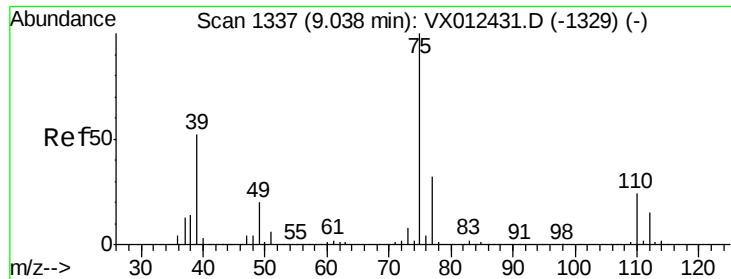
Tgt Ion: 92 Resp: 286329

Ion Ratio Lower Upper

92 100

91 168.3 135.4 203.0





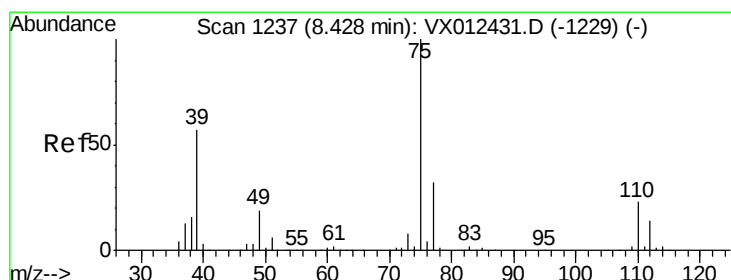
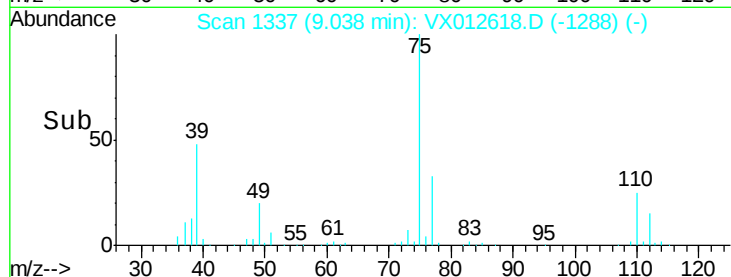
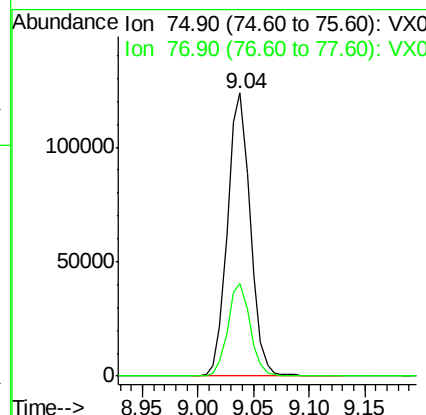
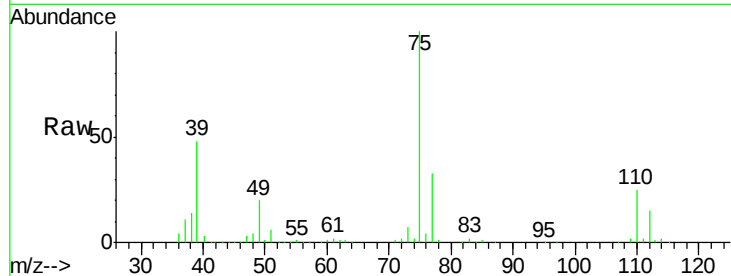
#53
t-1,3-Dichloropropene
Concen: 49.521 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.2	37.8

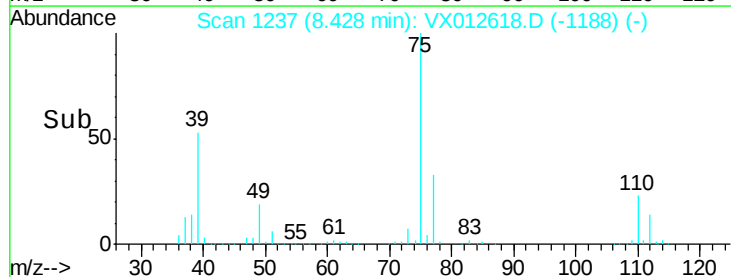
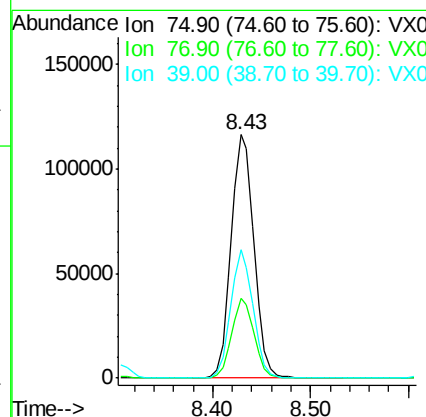
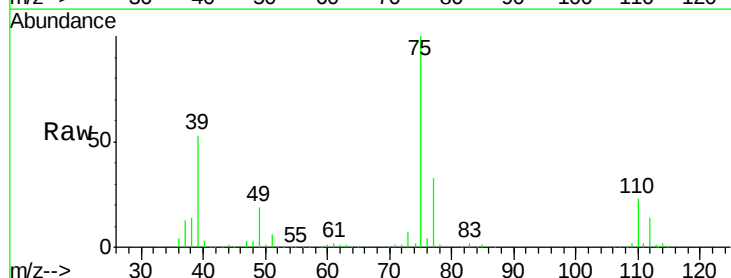
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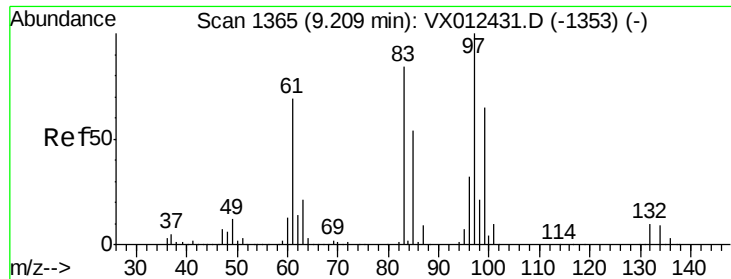
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#54
cis-1,3-Dichloropropene
Concen: 48.766 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
39	52.7	45.5	68.3





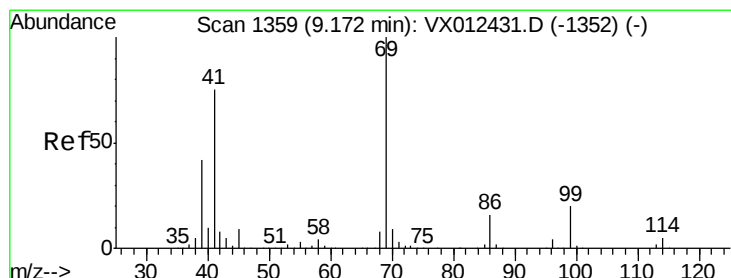
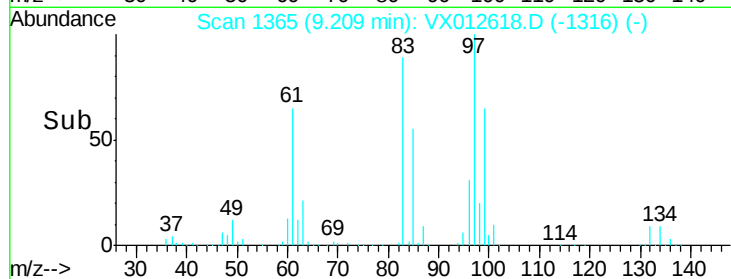
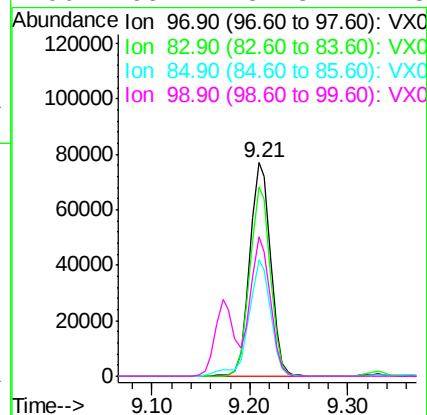
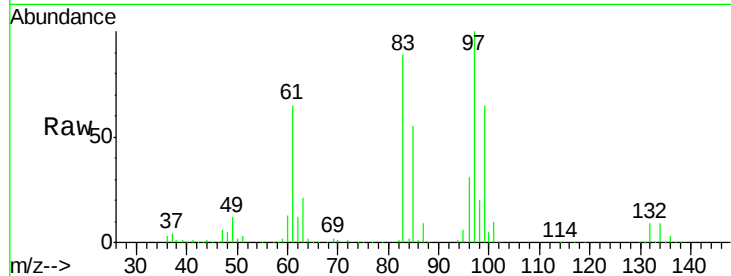
#55
 1,1,2-Trichloroethane
 Concen: 49.687 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	114267
Ion	Ratio	Lower	Upper
97	100		
83	88.7	67.4	101.2
85	54.8	43.5	65.3
99	65.2	51.8	77.8

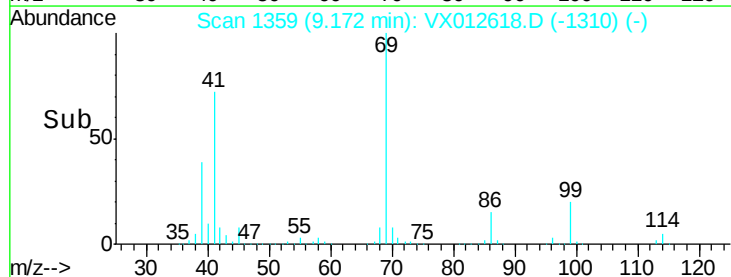
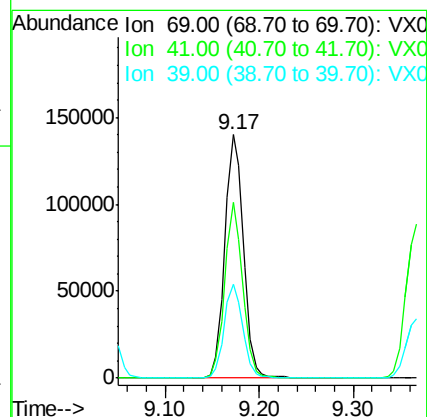
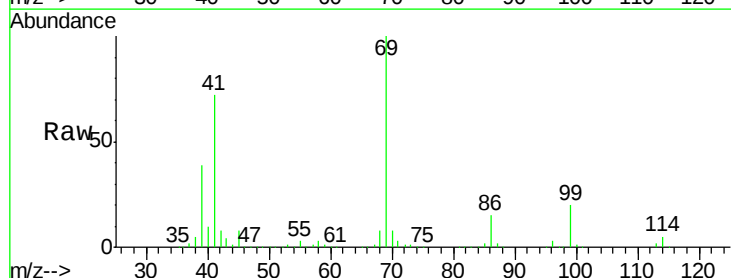
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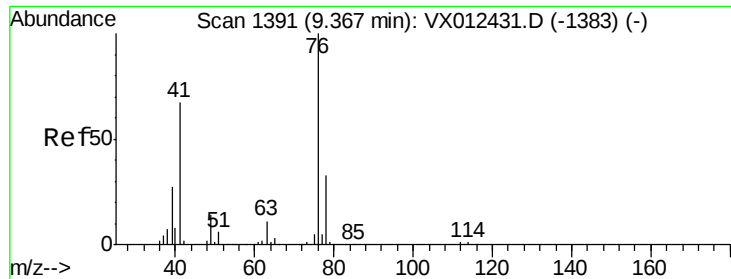
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#56
 Ethyl methacrylate
 Concen: 49.909 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion:	69	Resp:	192828
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.4	87.6
39	38.3	33.4	50.0





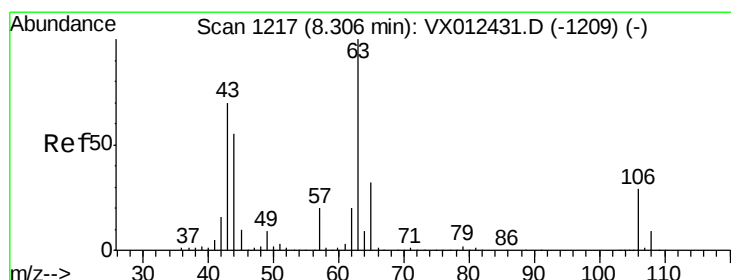
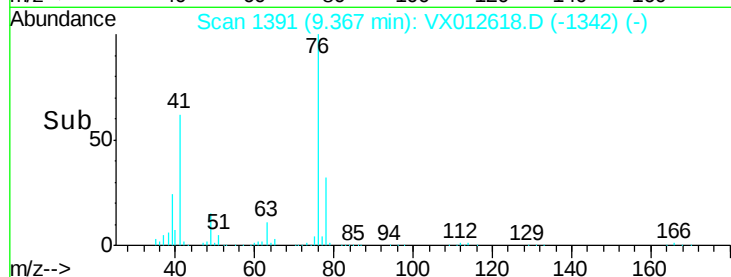
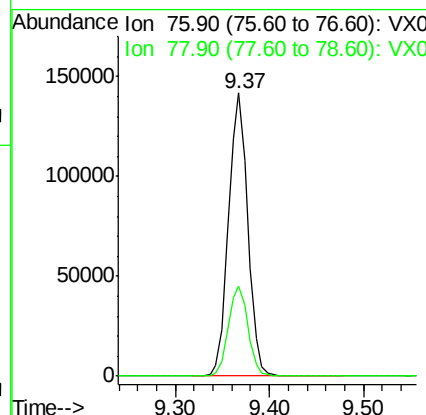
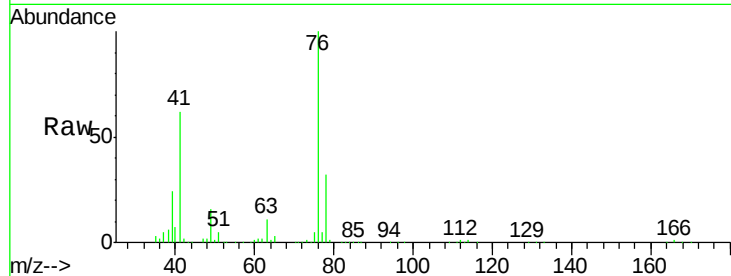
#57
 1,3-Dichloropropane
 Concen: 49.873 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 200733
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

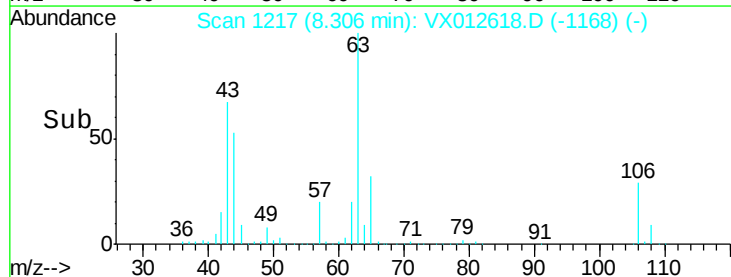
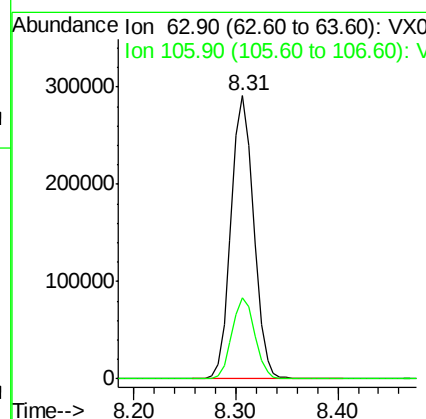
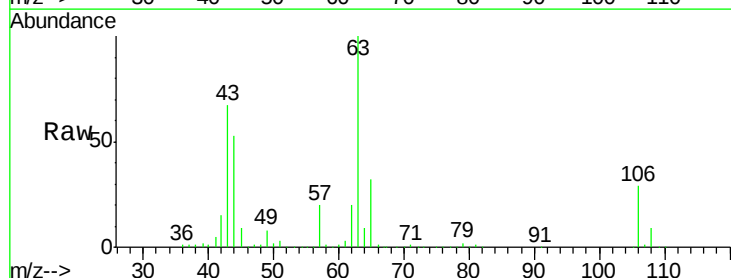
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.393 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion: 63 Resp: 448118
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.8 35.6





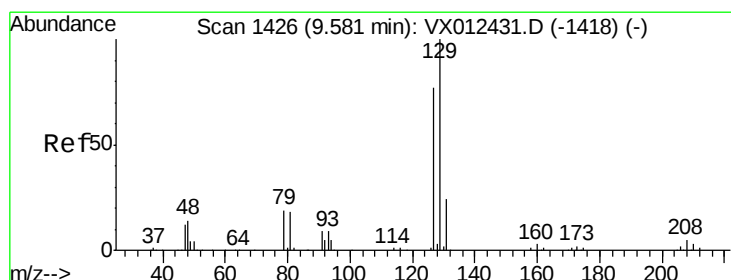
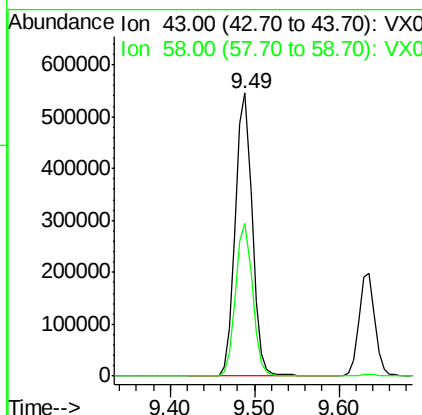
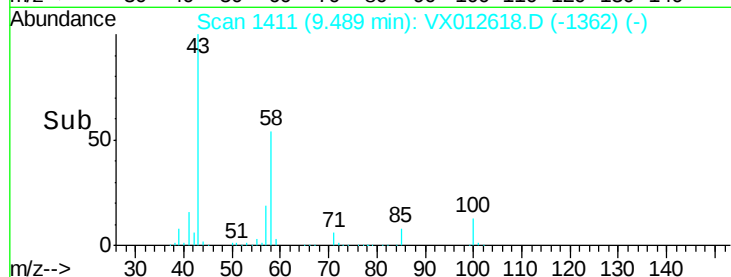
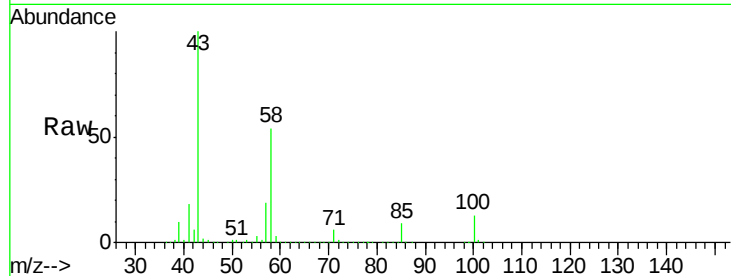
#59
2-Hexanone
Concen: 253.398 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 732211
Ion Ratio Lower Upper
43 100
58 54.0 25.7 77.1

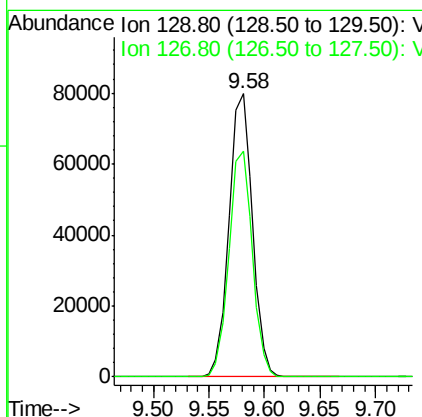
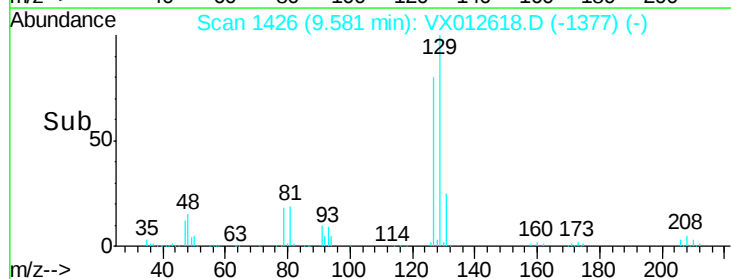
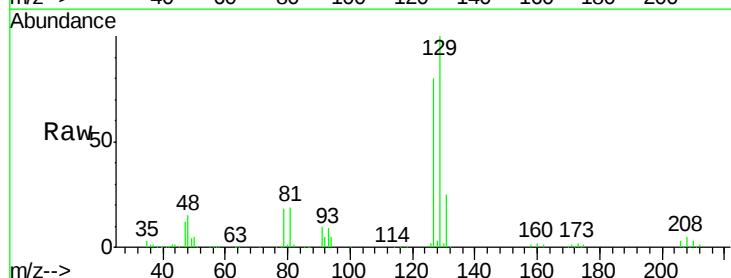
Manual Integrations
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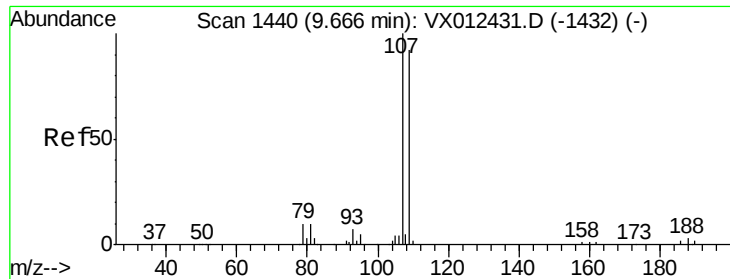
MMDadoda
9/24/2019 10:05:42 AM



#60
Dibromochloromethane
Concen: 50.040 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 129 Resp: 116493
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.851 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 121706

Ion Ratio Lower Upper

107 100

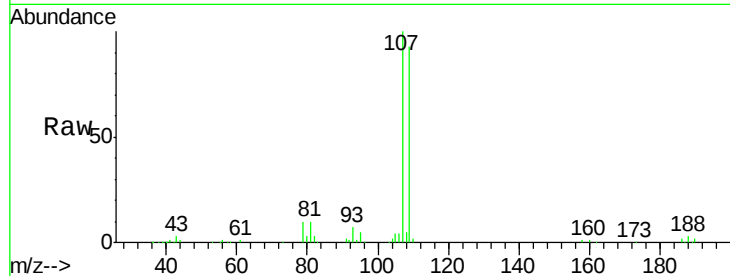
109 93.0 74.7 112.1

Manual Integrations

APPROVED

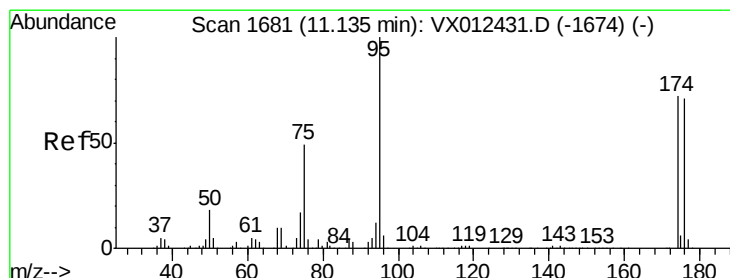
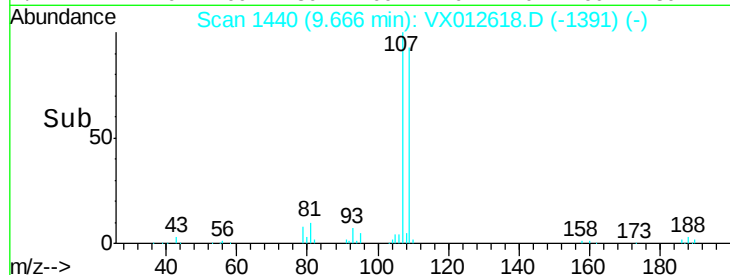
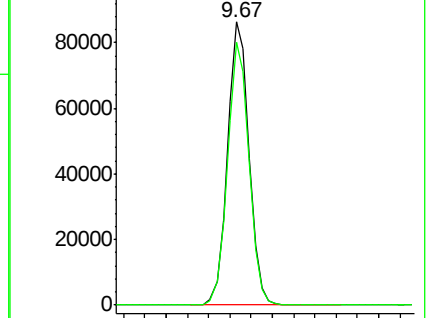
MMDadoda

9/24/2019 10:05:42 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.719 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

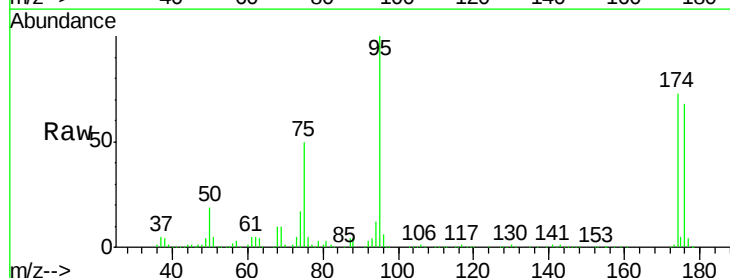
Tgt Ion: 95 Resp: 142576

Ion Ratio Lower Upper

95 100

174 67.7 0.0 140.0

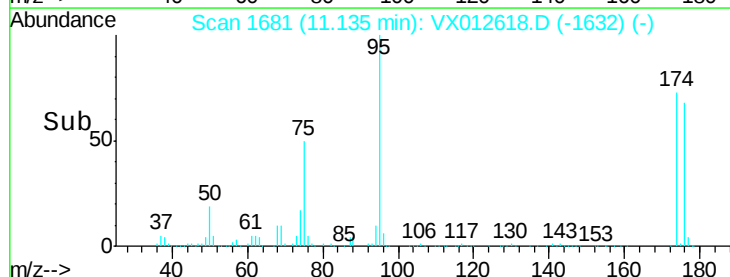
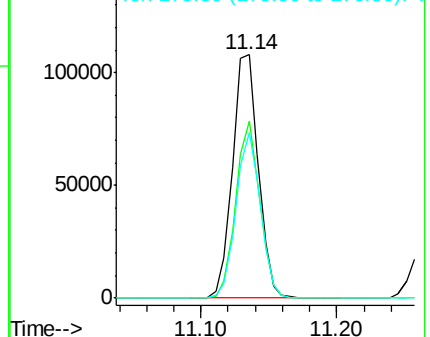
176 64.0 0.0 135.4

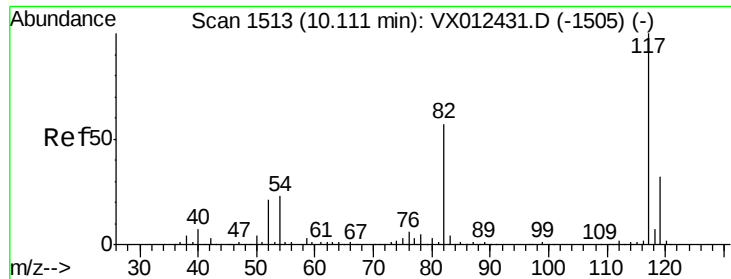


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





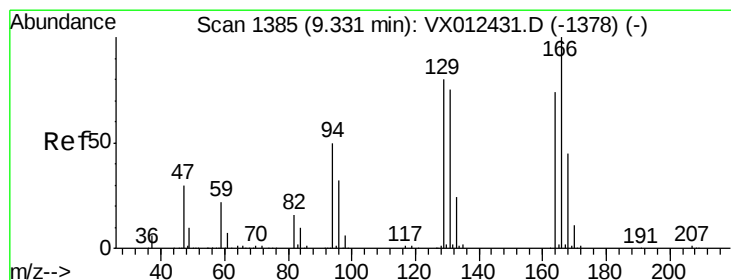
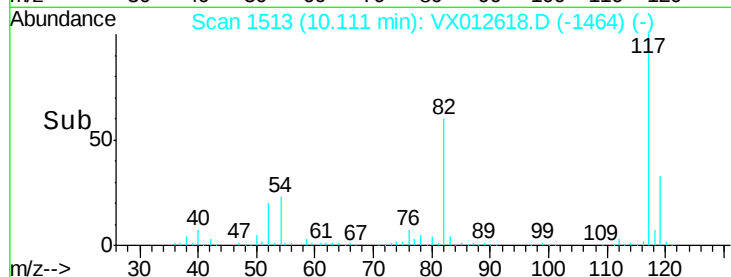
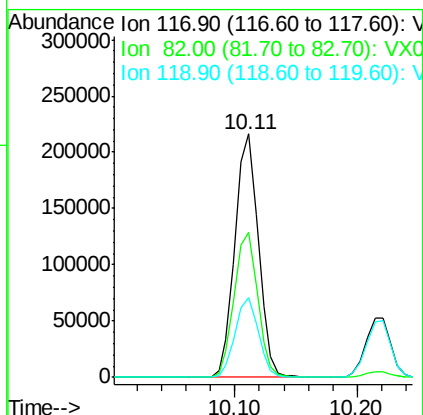
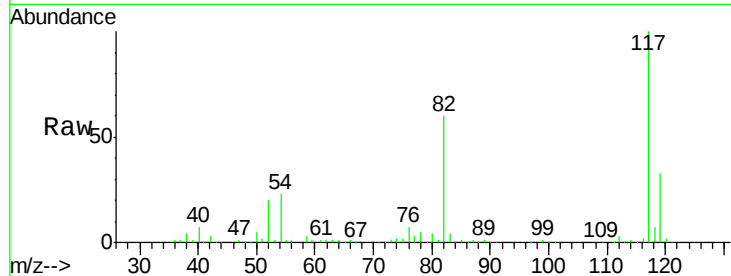
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	45.9	68.9
119	32.8	25.3	37.9

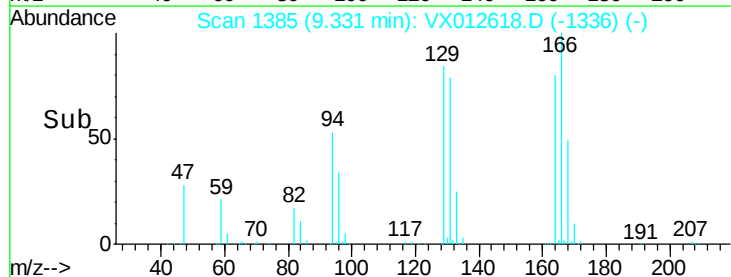
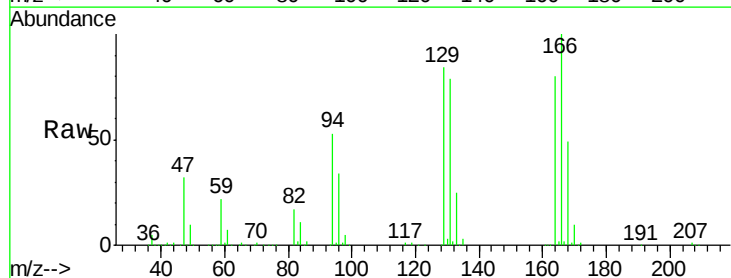
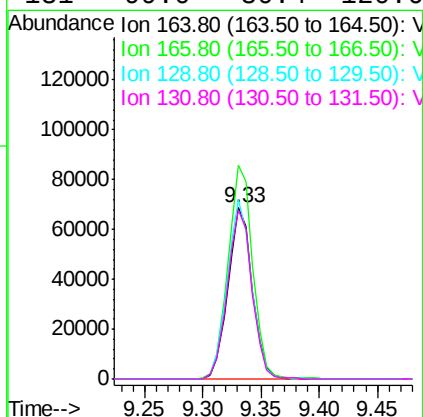
Manual Integrations
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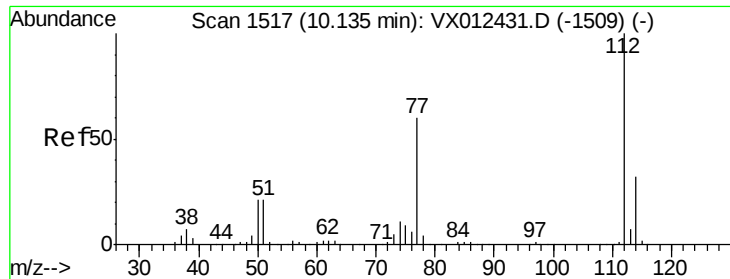
MMDadoda
9/24/2019 10:05:42 AM



#64
Tetrachloroethene
Concen: 49.831 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	107.8	161.6
129	104.5	86.2	129.2
131	99.0	80.4	120.6





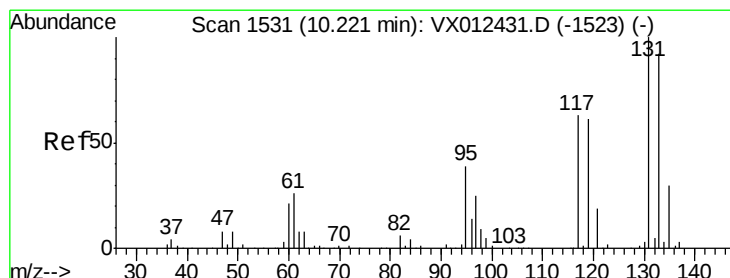
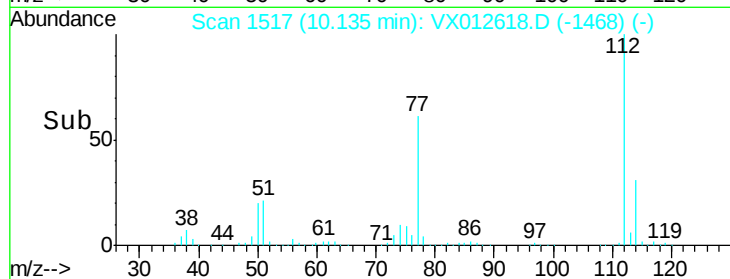
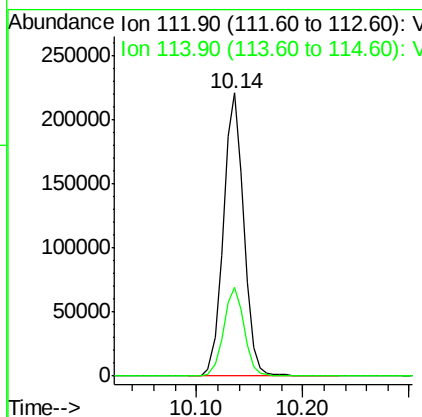
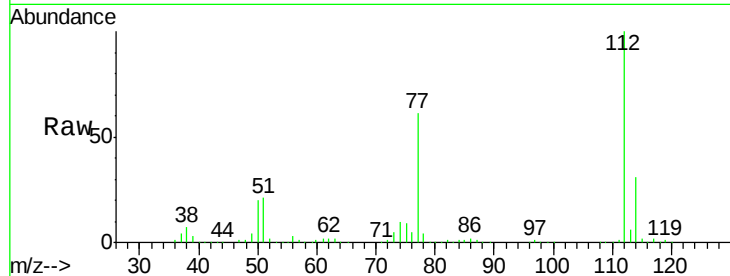
#65
Chlorobenzene
Concen: 48.854 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion:112 Resp: 295340
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

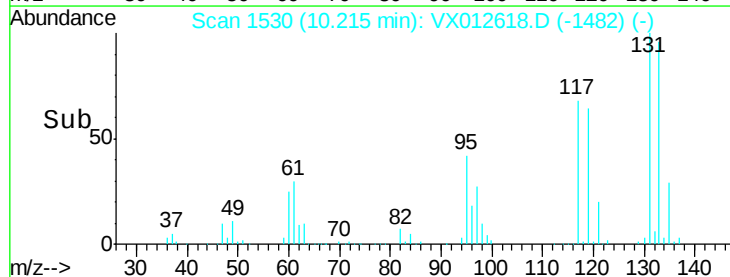
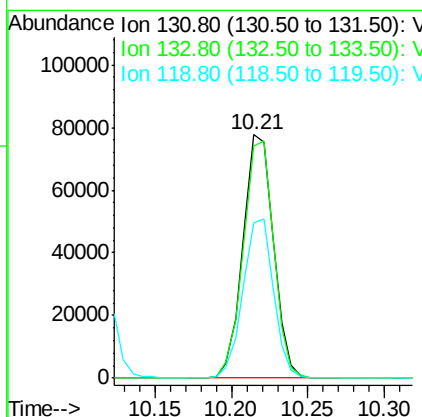
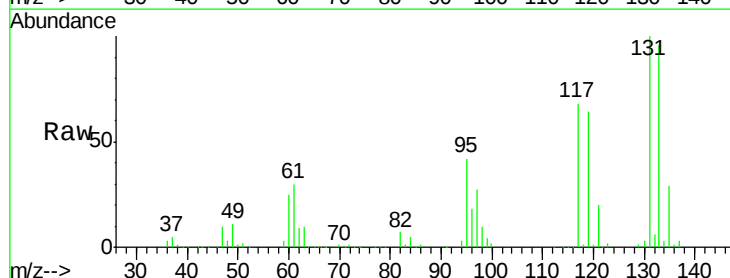
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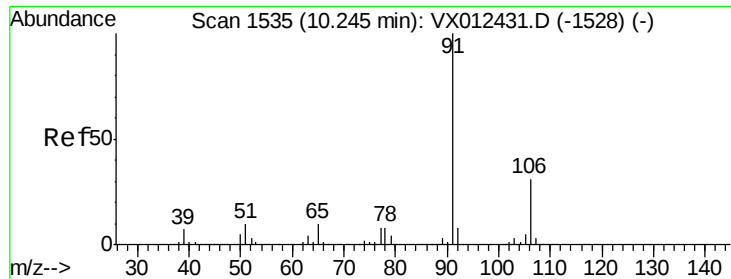
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.374 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion:131 Resp: 108146
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 65.3 31.3 93.8





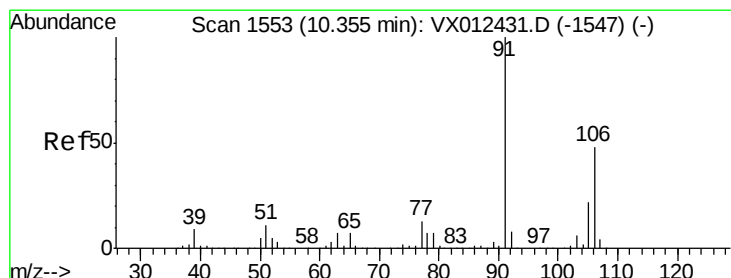
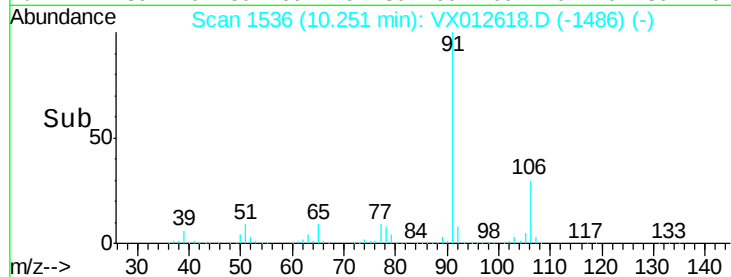
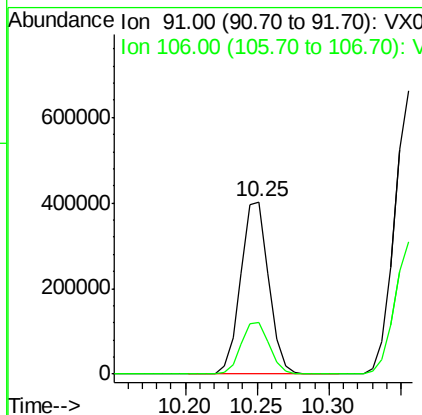
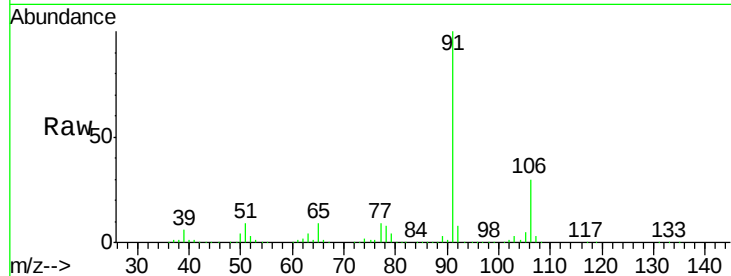
#67
Ethyl Benzene
Concen: 49.698 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 544913
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

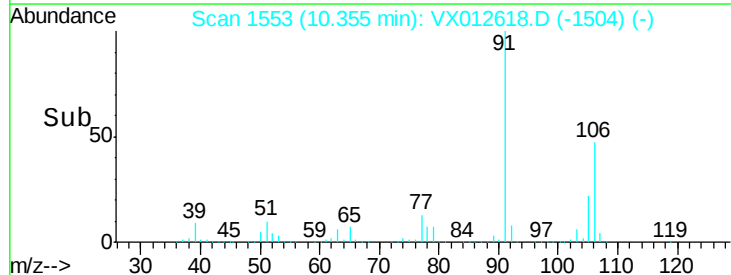
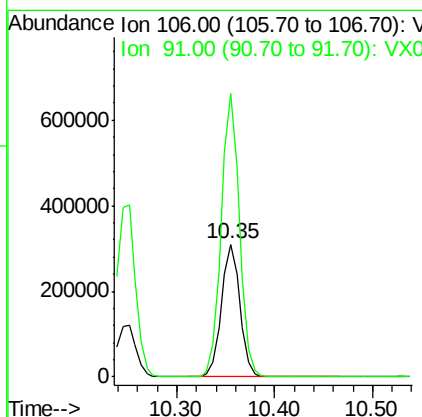
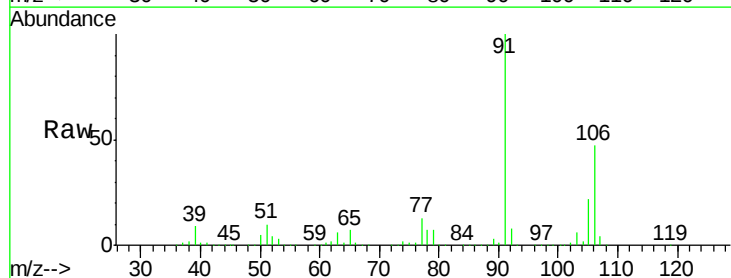
Manual Integrations
APPROVED

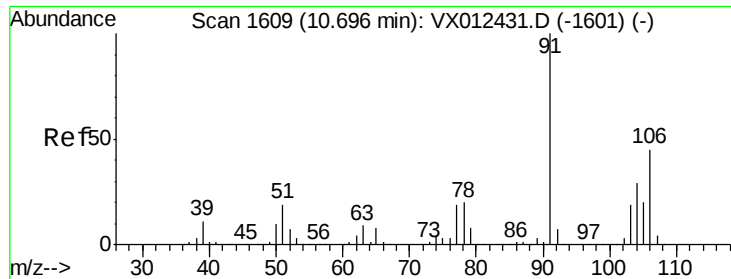
MMDadoda
9/24/2019 10:05:42 AM



#68
m/p-Xylenes
Concen: 98.646 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion: 106 Resp: 405173
Ion Ratio Lower Upper
106 100
91 210.5 166.6 250.0





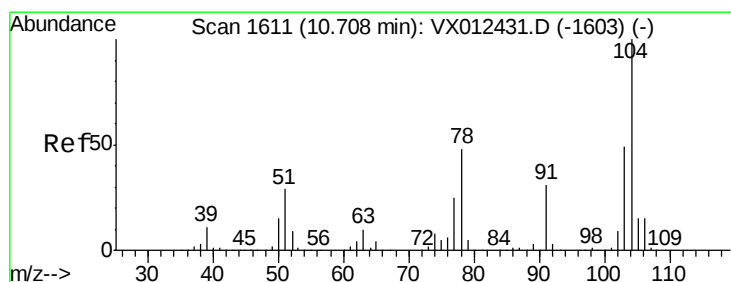
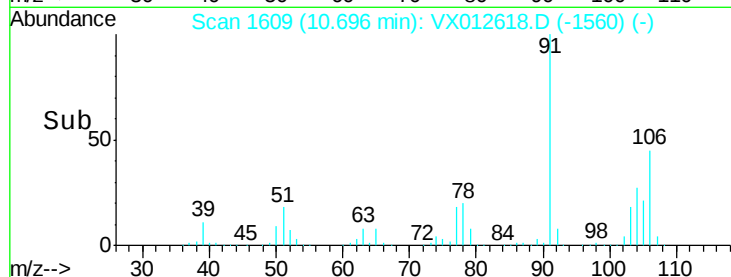
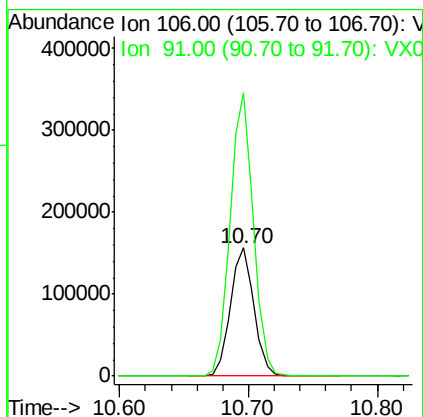
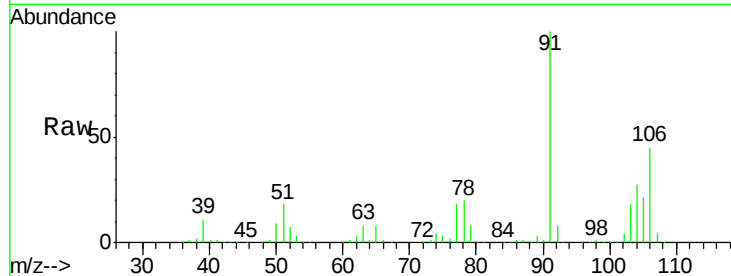
#69
o-Xylene
Concen: 50.109 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	199152		
91	219.5	109.4	328.2	

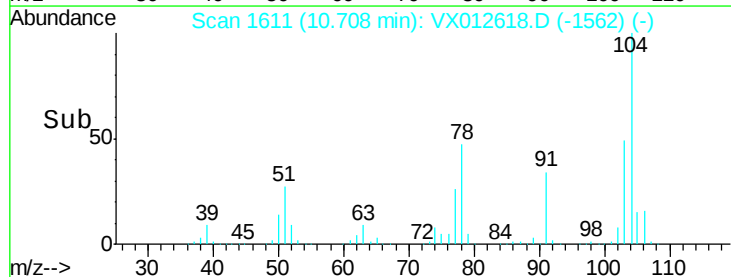
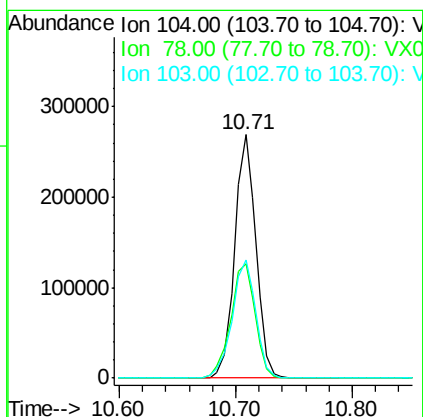
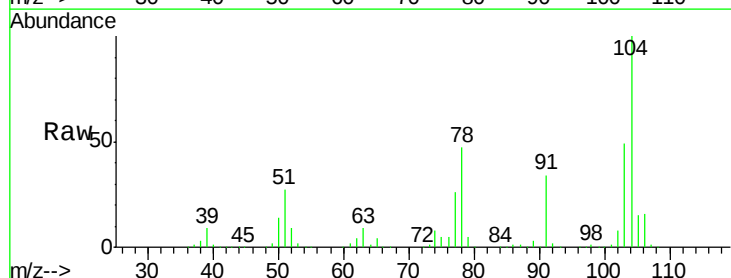
Manual Integrations
APPROVED

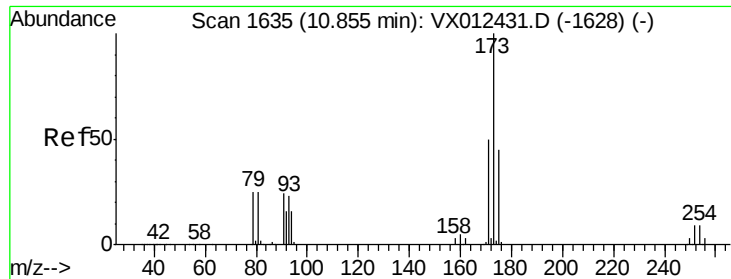
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#70
Styrene
Concen: 51.321 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	341938		
78	54.1	43.4	65.2	
103	54.0	43.3	64.9	





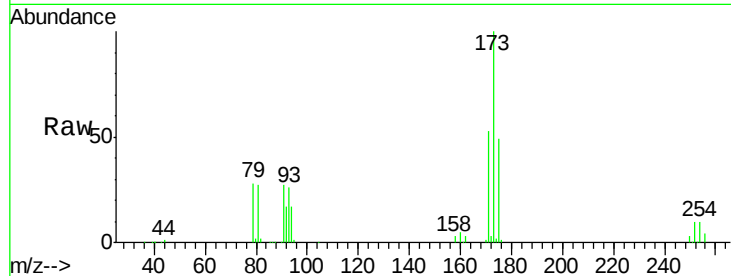
#71
Bromoform
Concen: 50.984 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

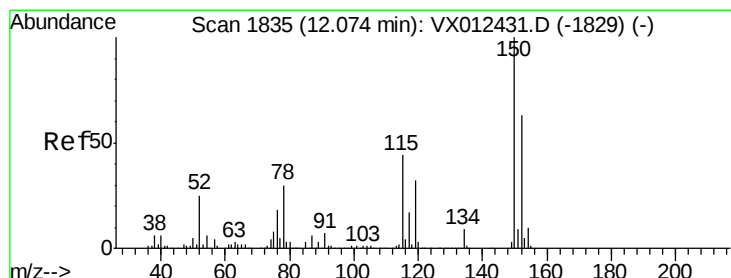
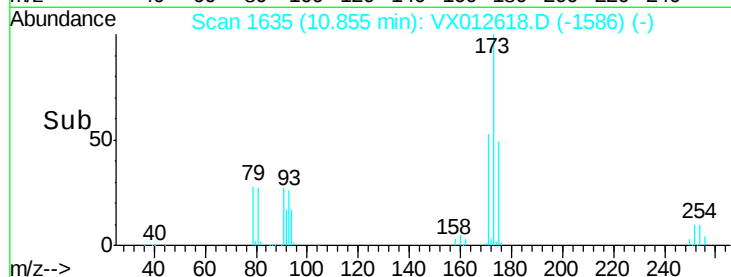
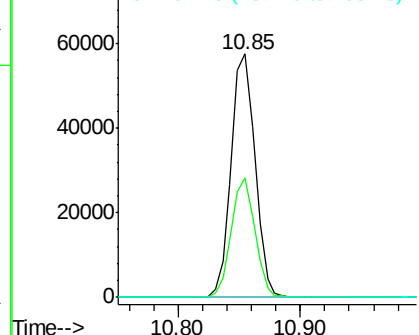
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.7	71.1
254	0.0	0.1	0.1

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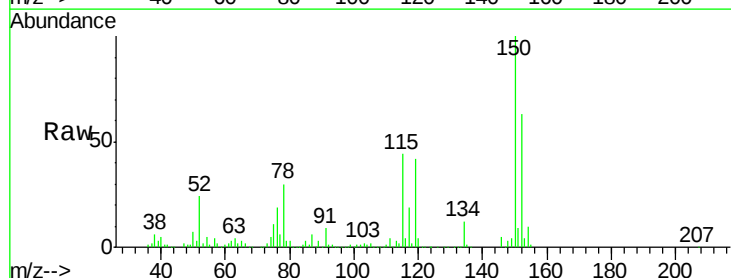


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

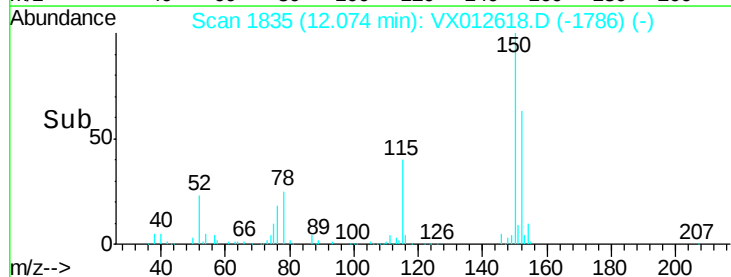
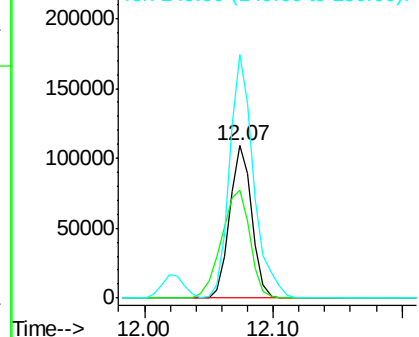


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	91.1	44.1	132.3
150	172.8	0.0	343.8



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: 49.456 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 531892

Ion Ratio Lower Upper

105 100

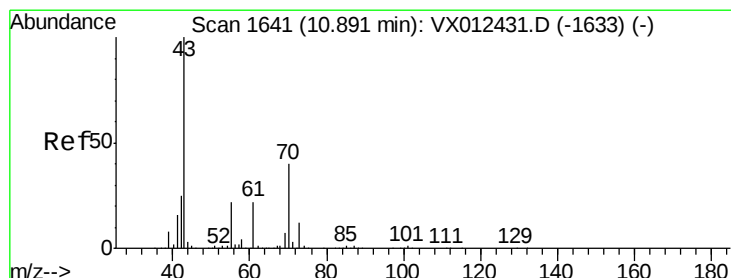
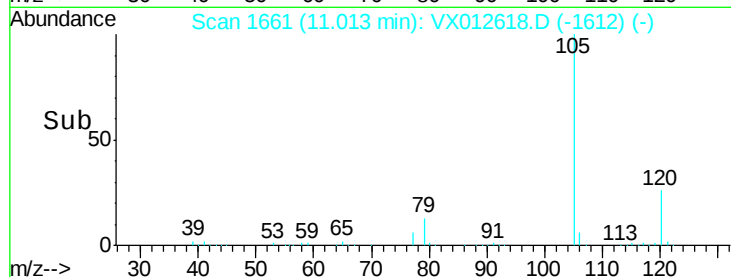
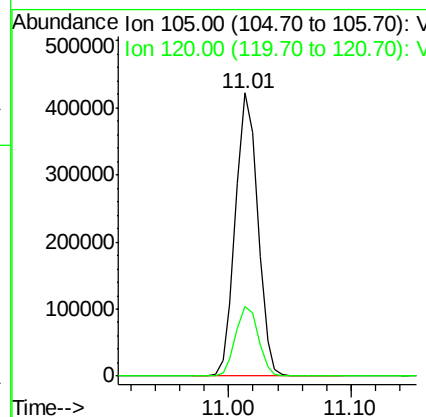
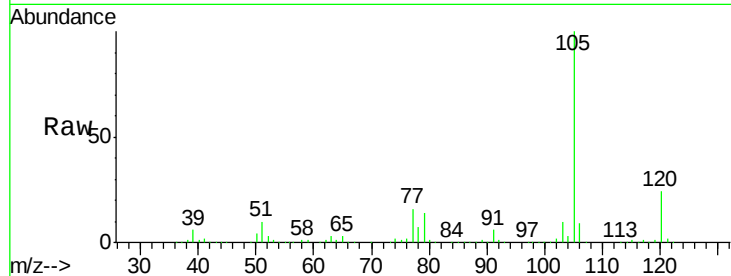
120 25.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 50.826 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion: 43 Resp: 260782

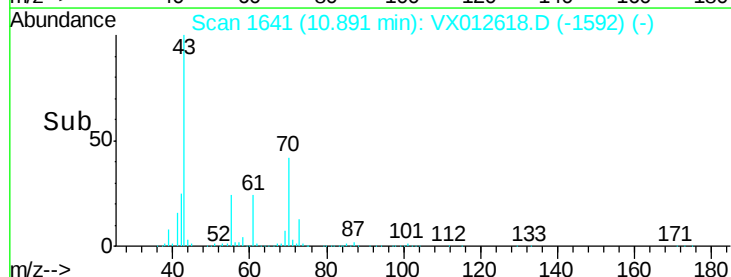
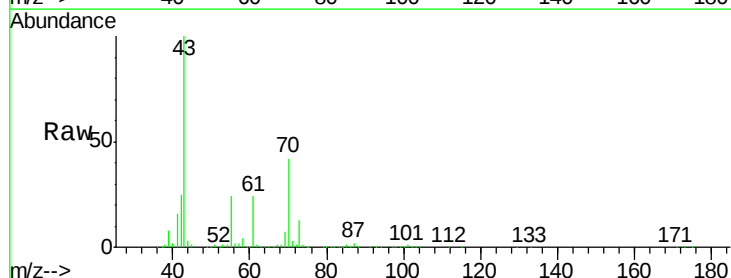
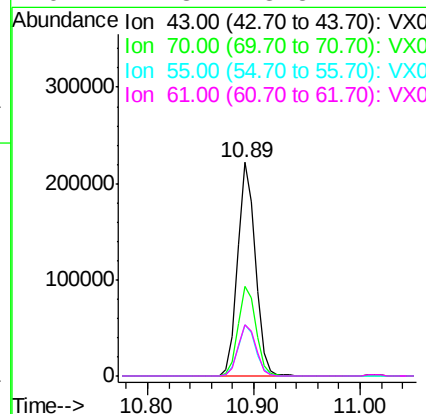
Ion Ratio Lower Upper

43 100

70 42.3 32.4 48.6

55 24.1 18.2 27.4

61 24.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.493 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

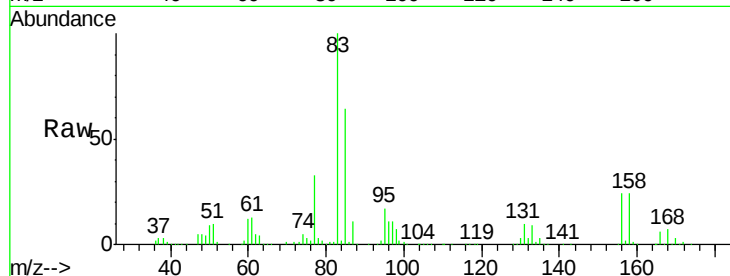
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	179848
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	63.9	32.0	96.0

Manual Integrations
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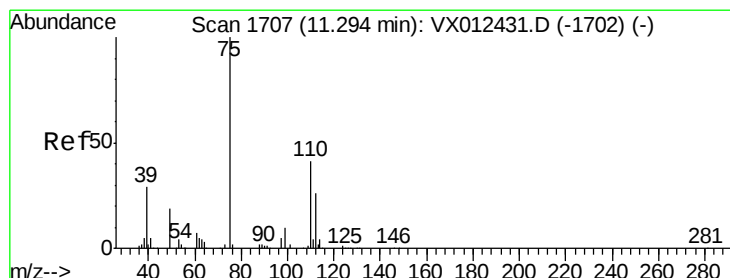
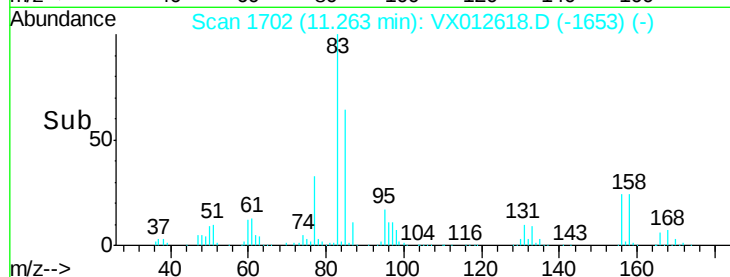
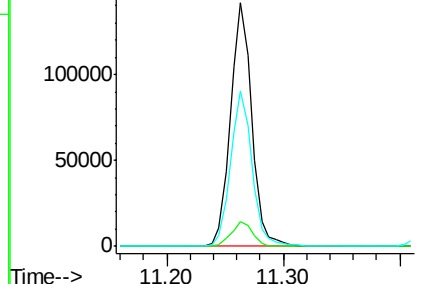
MMDadoda
9/24/2019 10:05:42 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.119 ug/l m

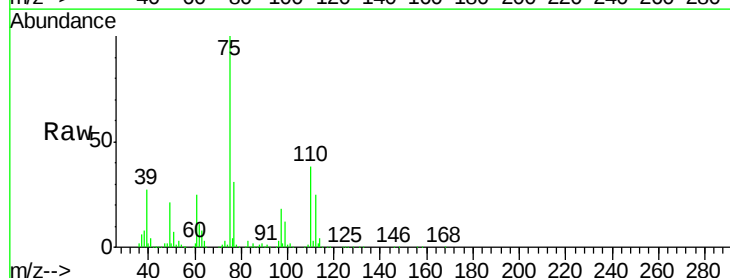
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012618.D

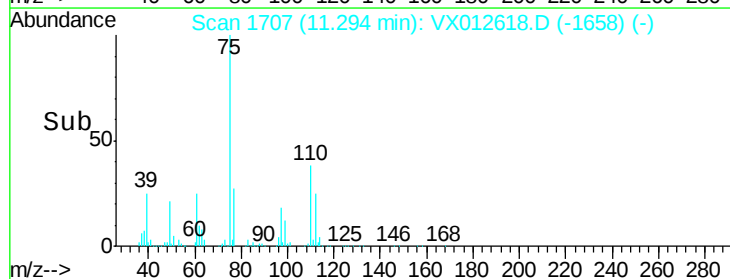
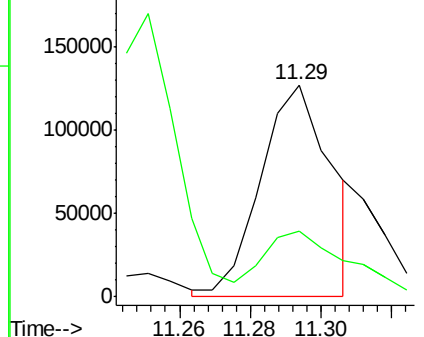
Acq: 23 Sep 2019 20:38

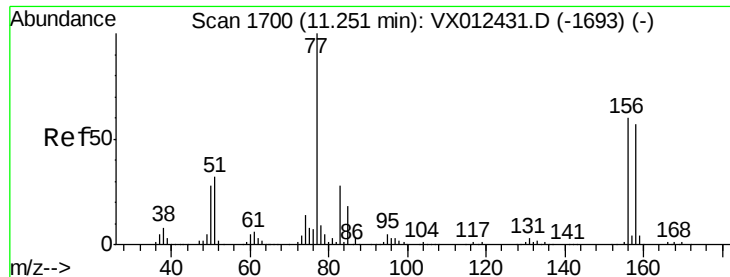
Tgt Ion:	75	Resp:	175064
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.499 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

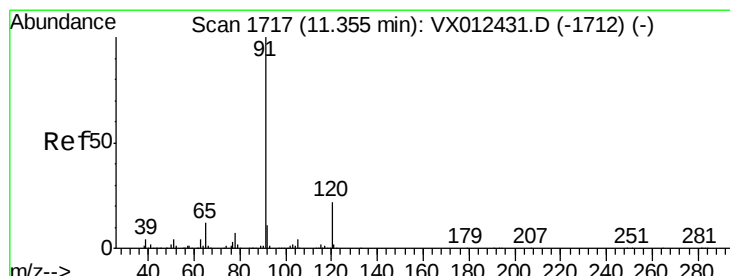
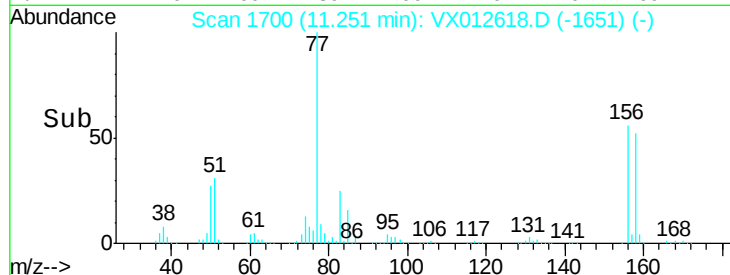
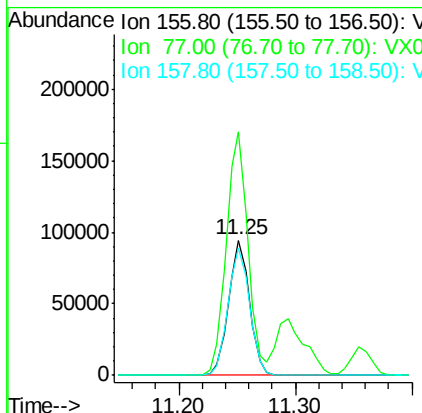
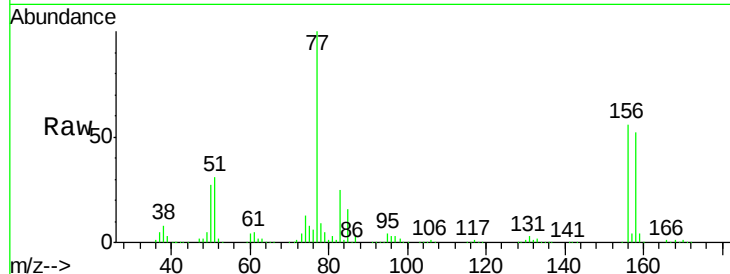
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	185.8		87.3	261.8	
158	97.0		48.5	145.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 48.572 ug/l

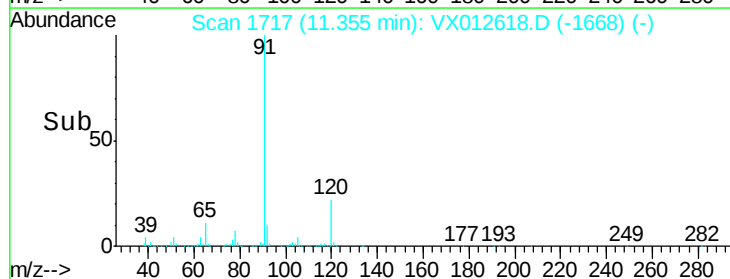
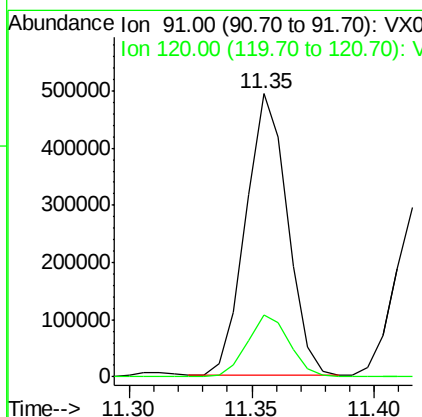
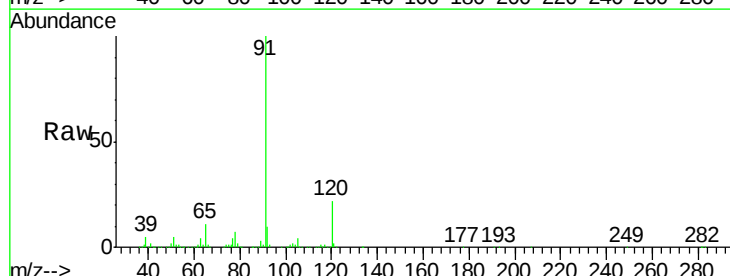
RT: 11.35 min Scan# 1717

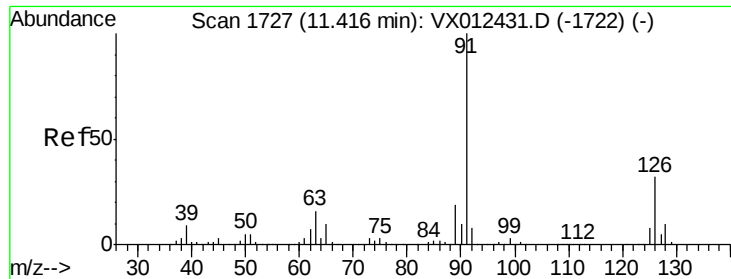
Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.4		11.3	33.8	





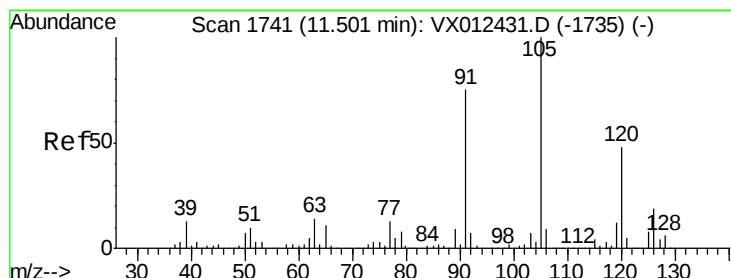
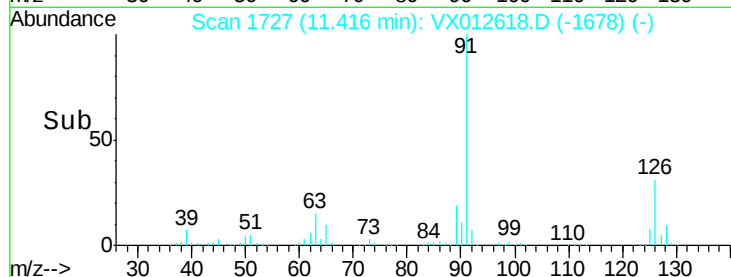
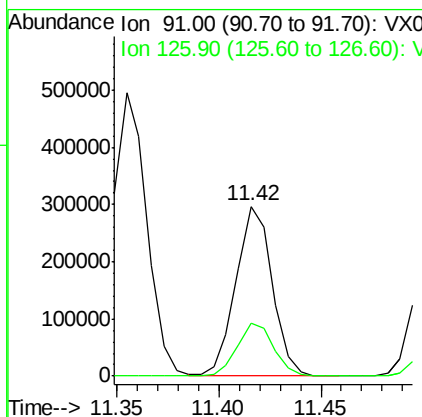
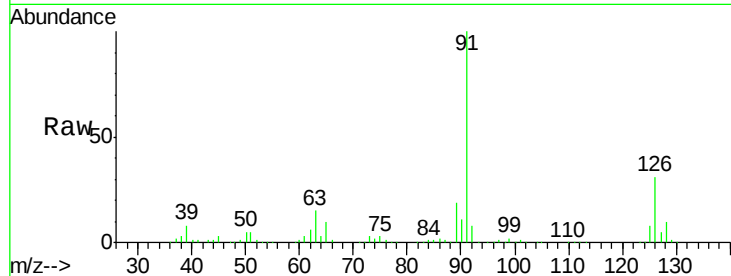
#79
 2-Chlorotoluene
 Concen: 48.339 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 365118
 Ion Ratio Lower Upper
 91 100
 126 31.7 16.4 49.4

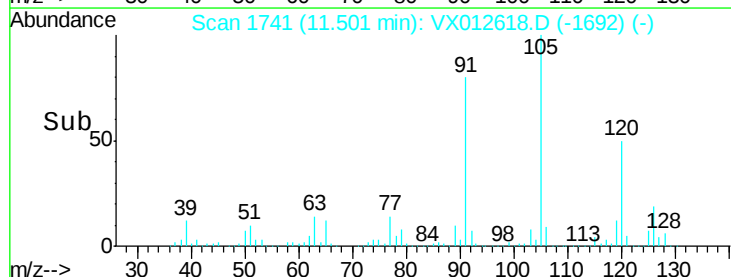
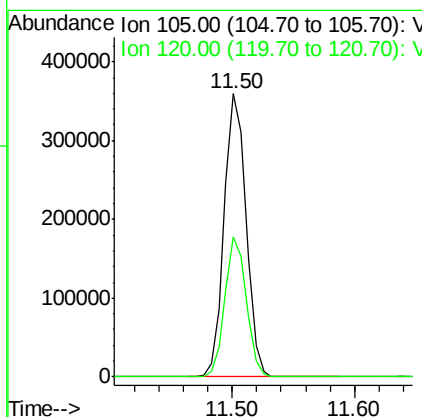
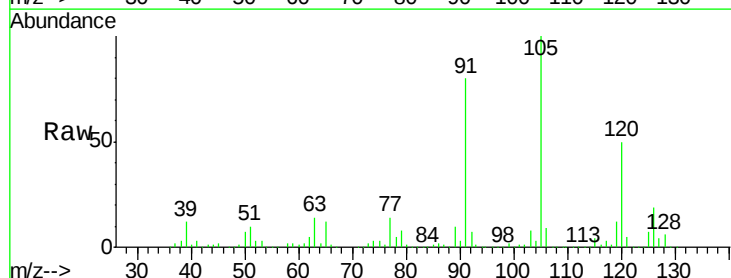
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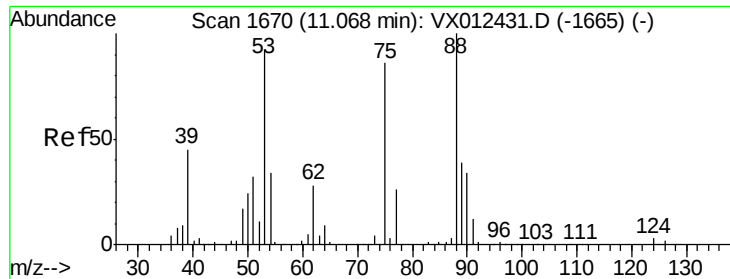
MMDadoda
 9/24/2019 10:05:42 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.388 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion: 105 Resp: 445424
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





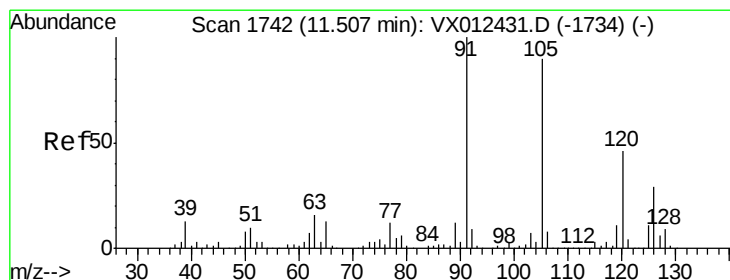
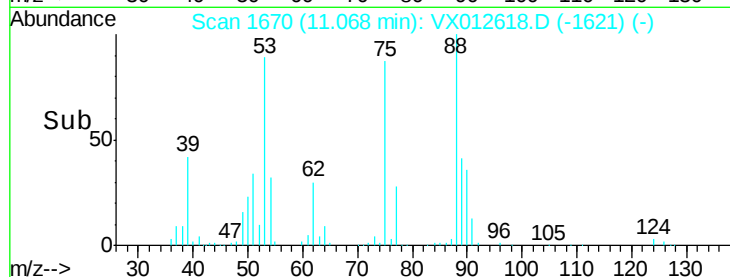
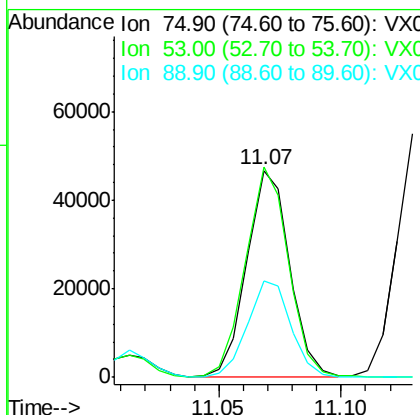
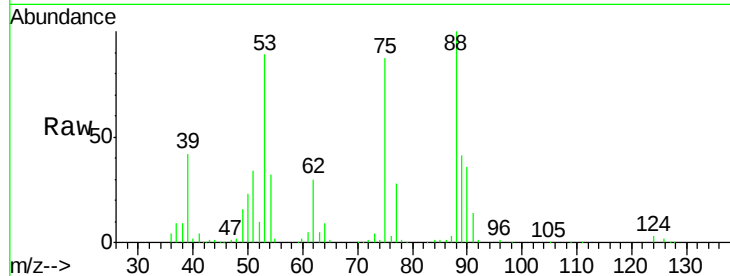
#81
trans-1,4-Dichloro-2-butene
Concen: 46.431 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	83.6	125.4
89	48.2	36.3	54.5

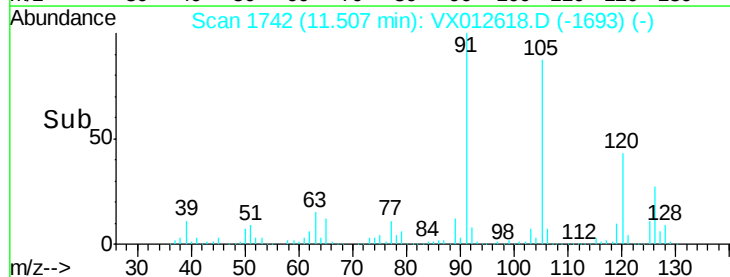
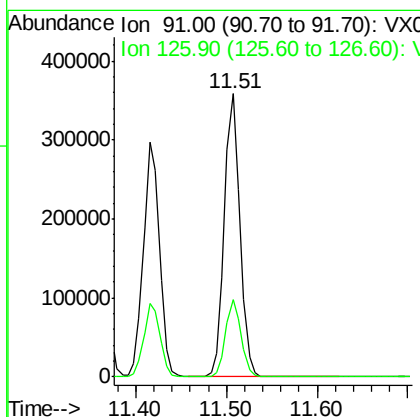
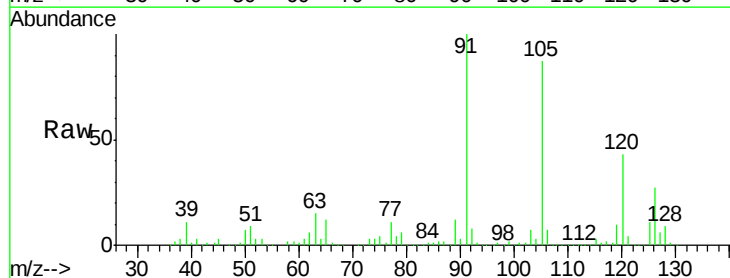
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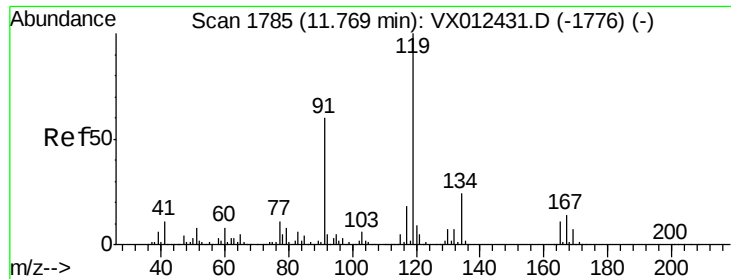
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.054 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.9	14.4	43.0





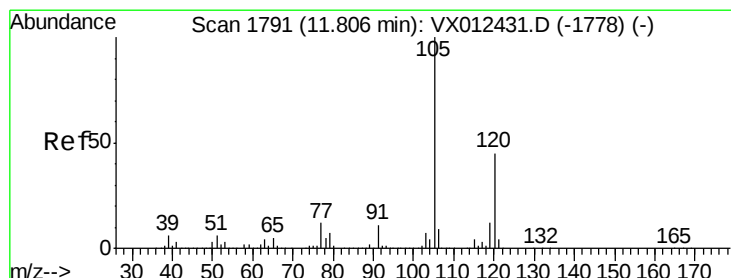
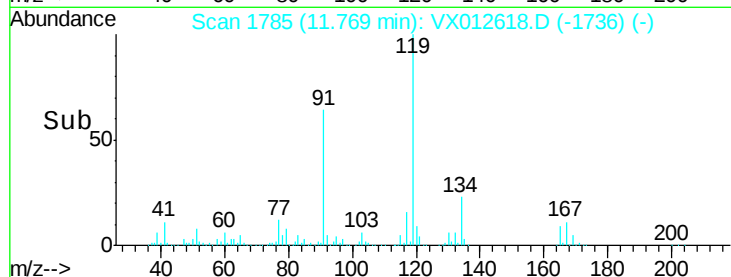
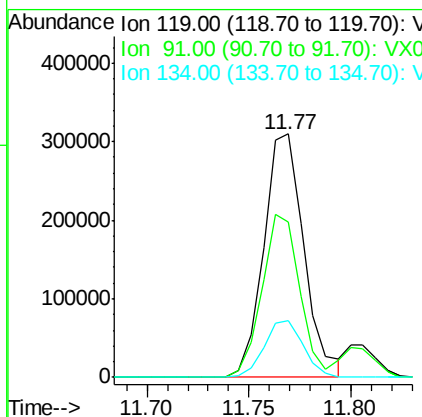
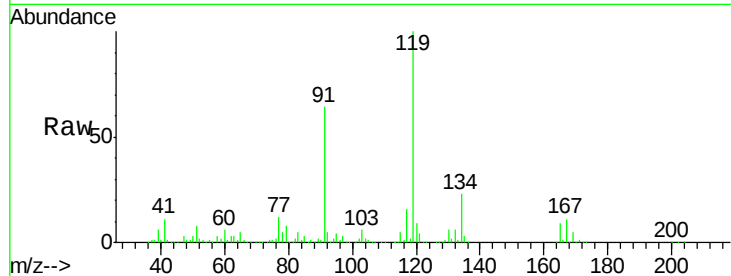
#83
tert-Butylbenzene
Concen: 49.144 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	427544		
91	62.7	30.0	90.0	
134	22.6	11.3	33.9	

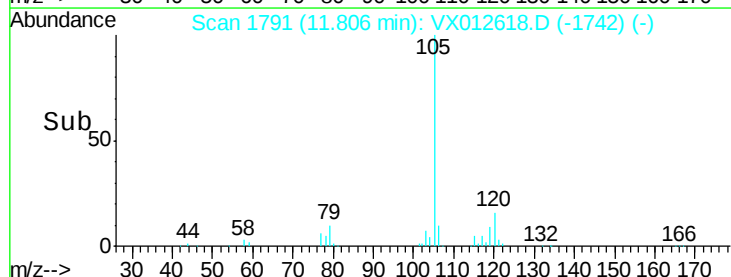
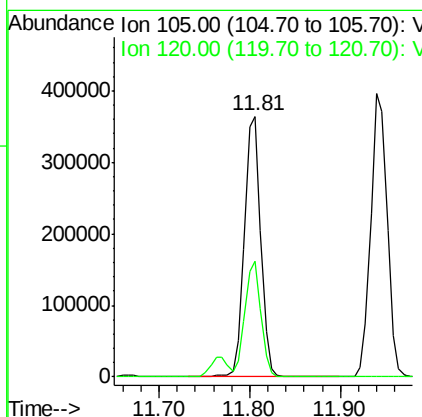
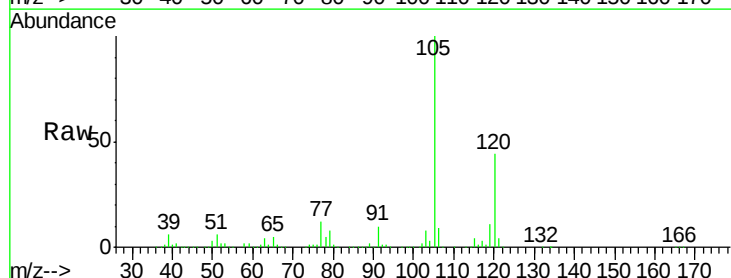
Manual Integrations
APPROVED

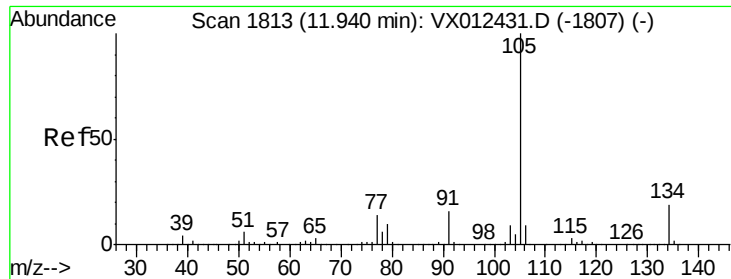
MMDadoda
9/24/2019 10:05:42 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.000 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	454900		
120	43.6	22.2	66.6	





#85

sec-Butylbenzene

Concen: 49.191 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 497766

Ion Ratio Lower Upper

105 100

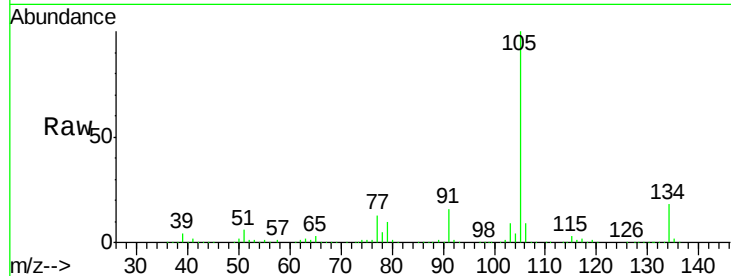
134 19.1 9.8 29.4

Manual Integrations

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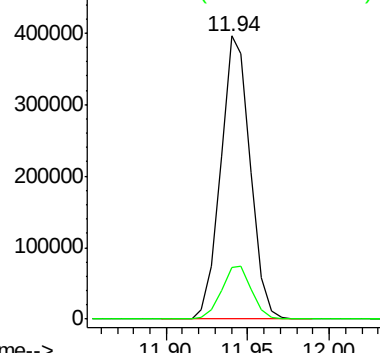
MMDadoda

9/24/2019 10:05:42 AM

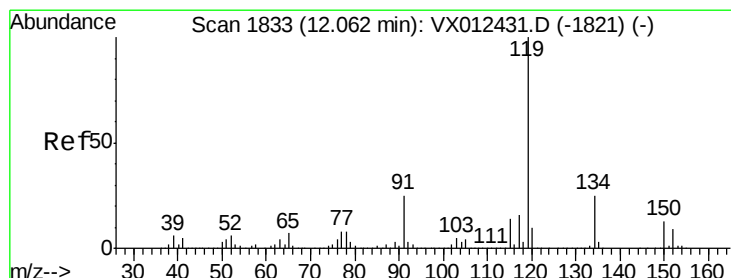
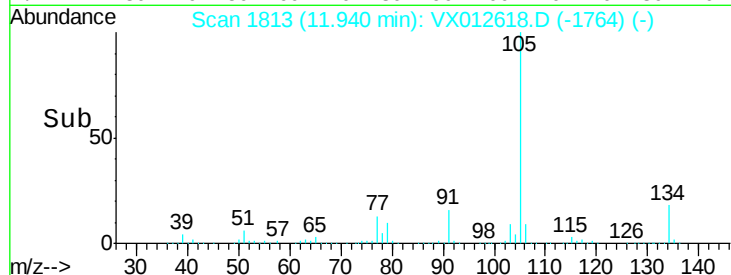


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 49.510 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

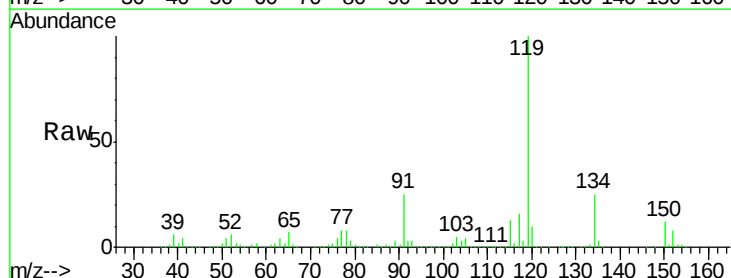
Tgt Ion:119 Resp: 452054

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

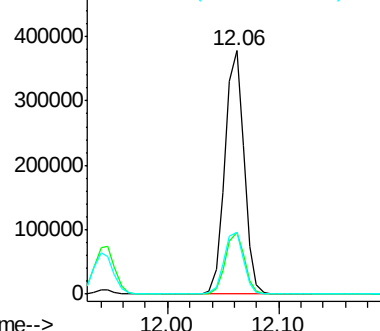
91 26.0 12.8 38.4



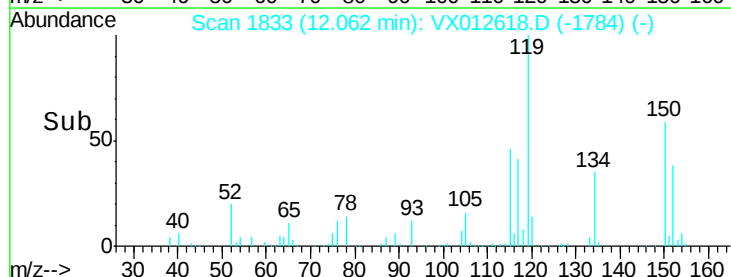
Abundance Ion 119.00 (118.70 to 119.70): V

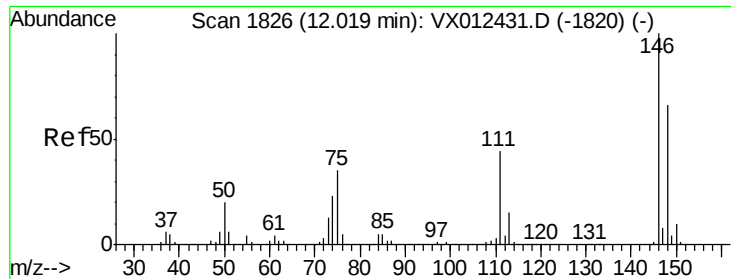
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





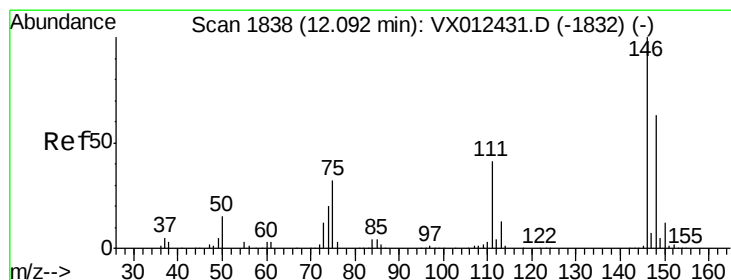
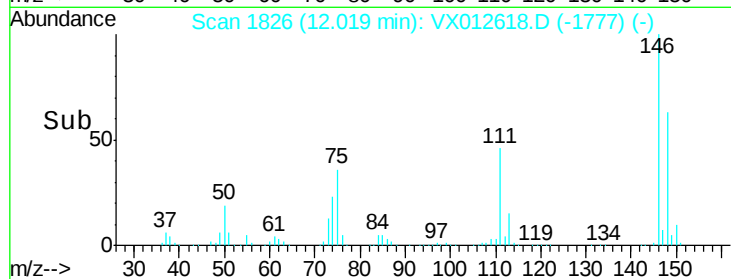
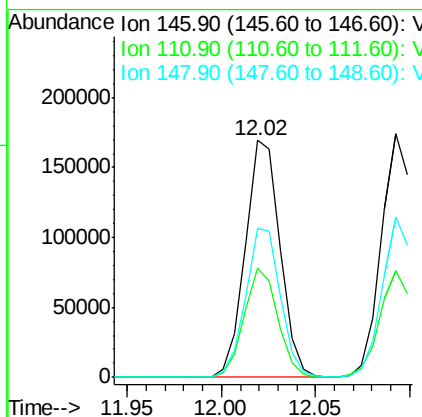
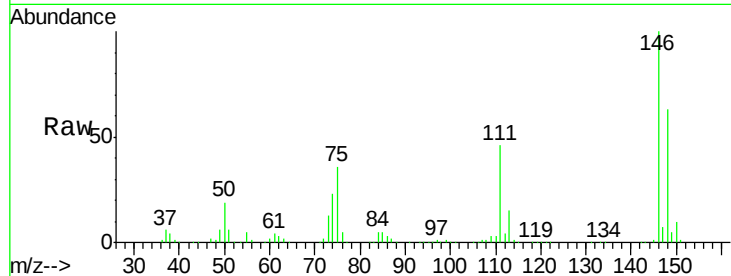
#87
 1,3-Dichlorobenzene
 Concen: 49.408 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.3	64.0
148	63.1	32.4	97.2

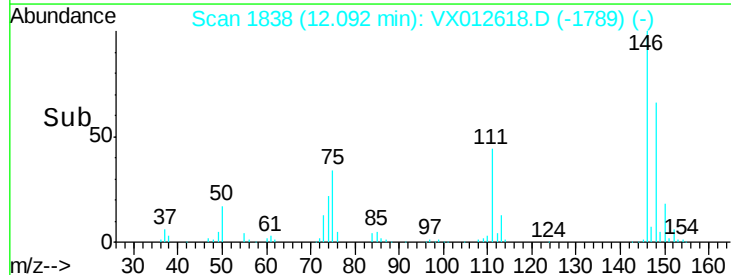
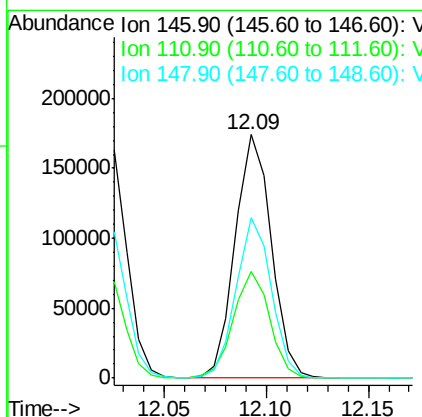
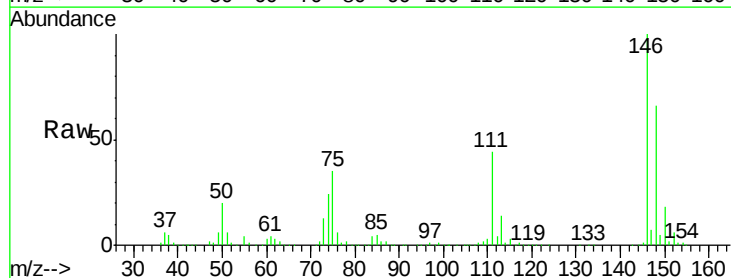
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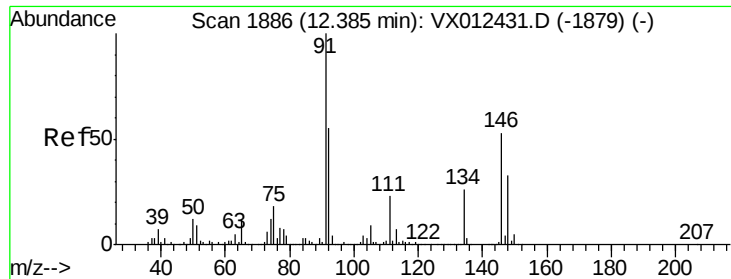
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#88
 1,4-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.1	63.3
148	64.6	32.1	96.5





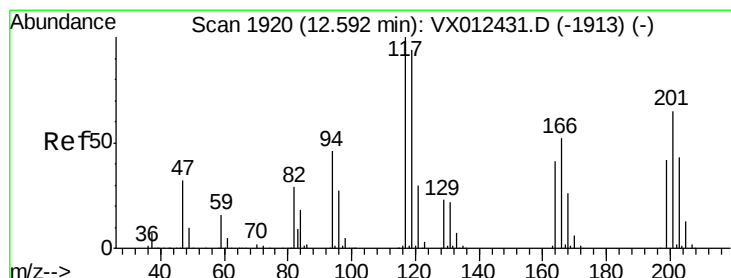
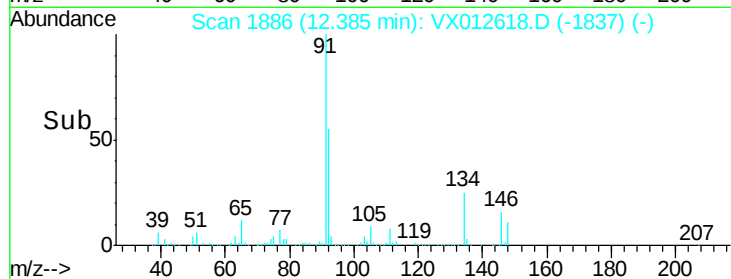
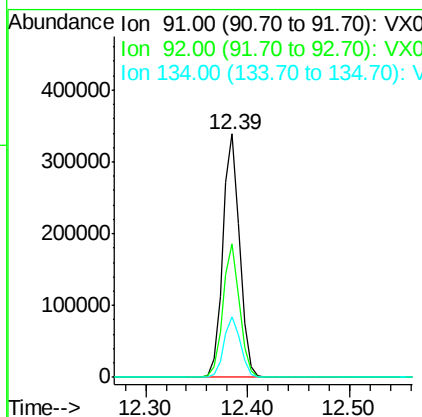
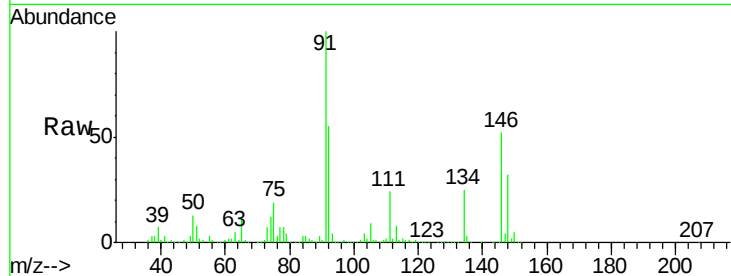
#89
n-Butylbenzene
Concen: 48.271 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.0
134	24.7	12.9	38.6

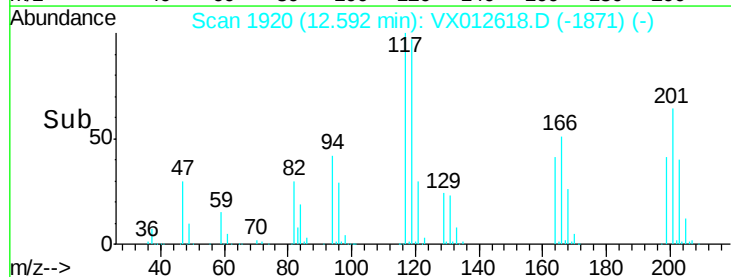
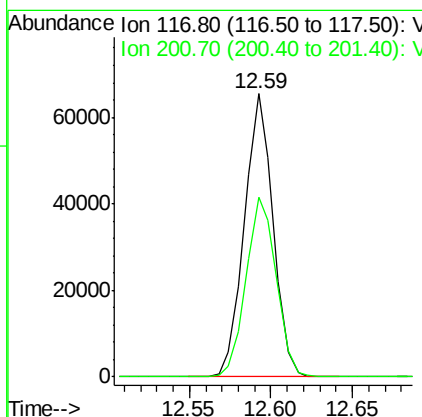
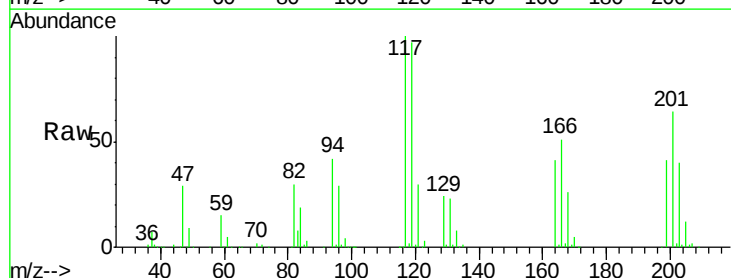
Manual Integrations
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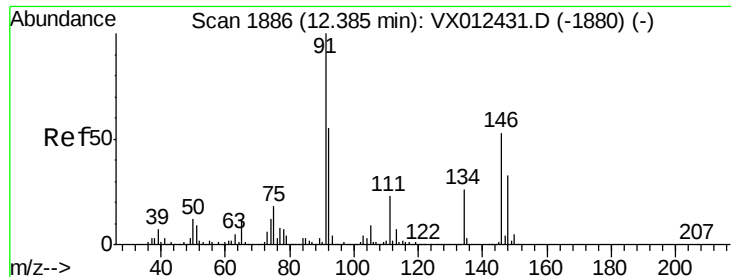
MMDadoda
9/24/2019 10:05:42 AM



#90
Hexachloroethane
Concen: 49.282 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012618.D
Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.5	33.3	99.8





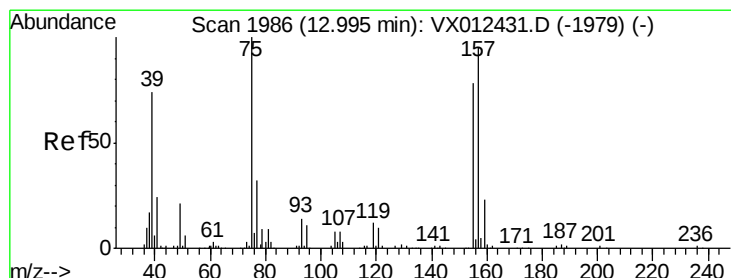
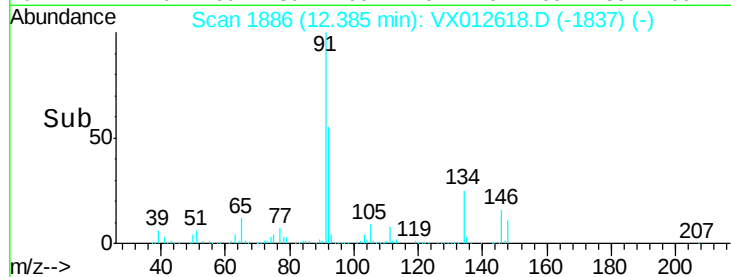
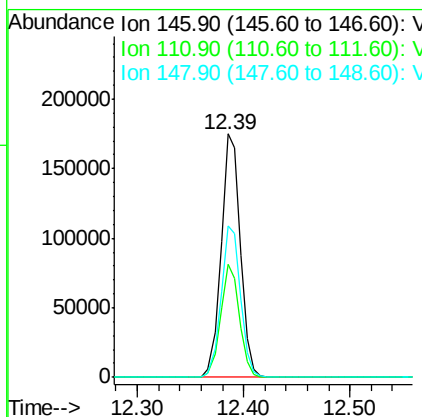
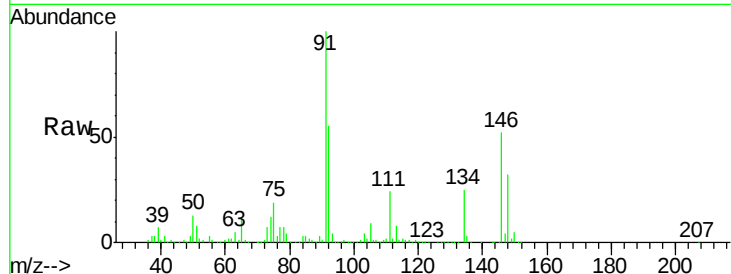
#91
 1,2-Dichlorobenzene
 Concen: 50.061 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	219543		
111	45.3	22.1	66.1	
148	62.6	31.3	93.9	

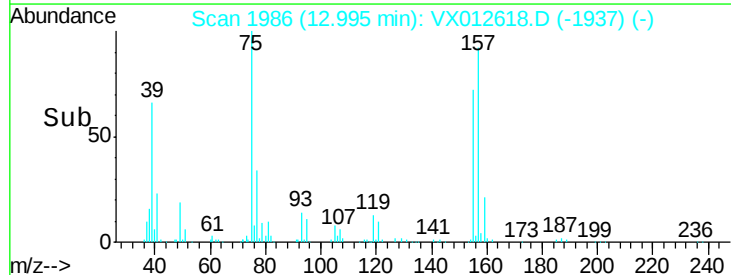
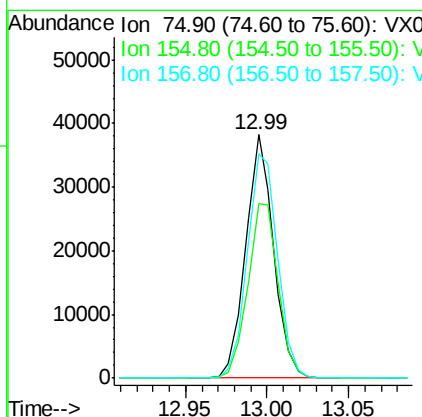
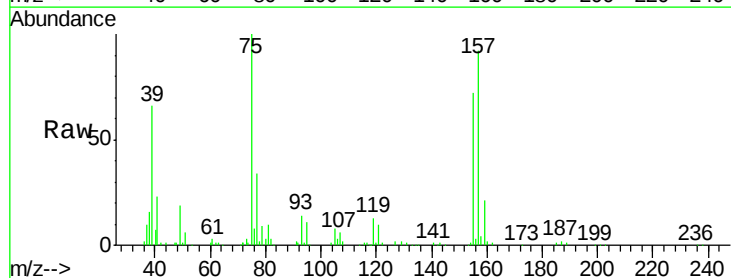
Manual Integrations
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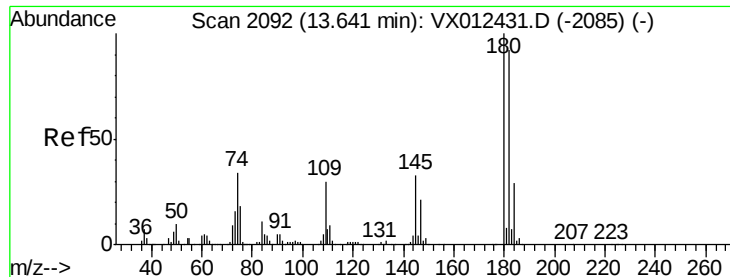
MMDadoda
 9/24/2019 10:05:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.051 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45486		
155	78.1	38.6	115.8	
157	100.3	50.6	151.9	





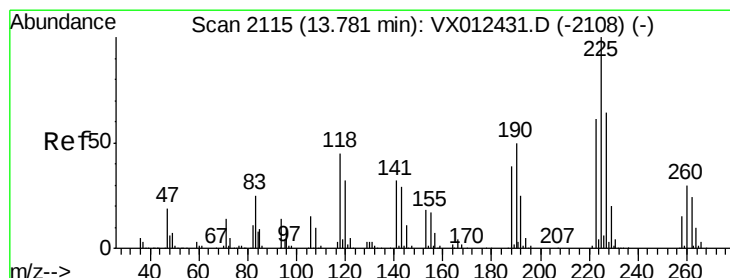
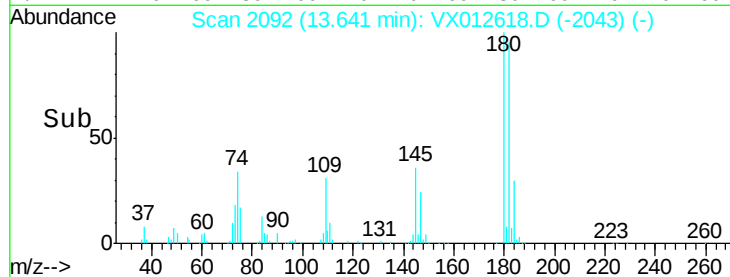
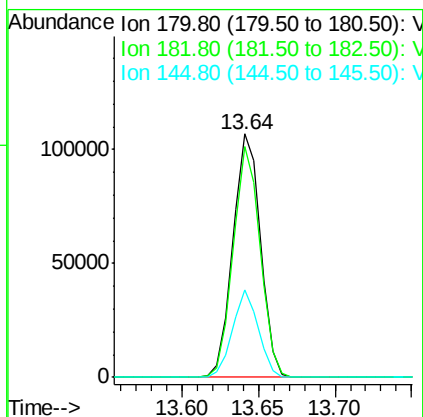
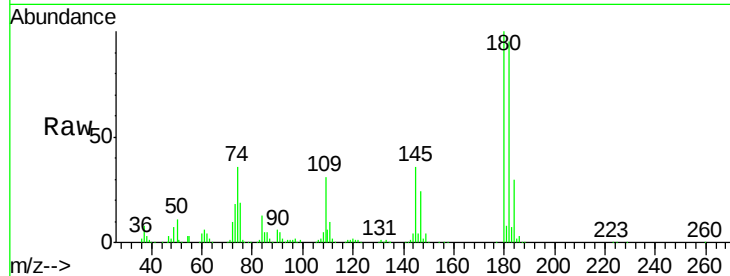
#93
 1,2,4-Trichlorobenzene
 Concen: 49.681 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	33.5	16.8	50.4

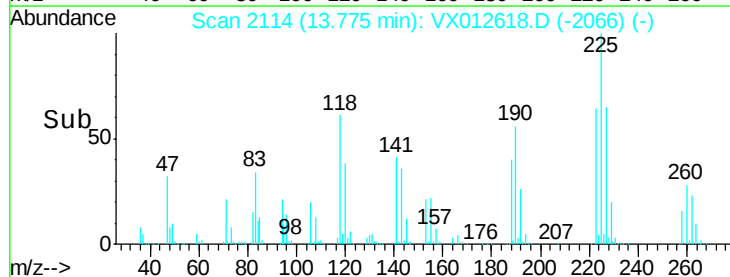
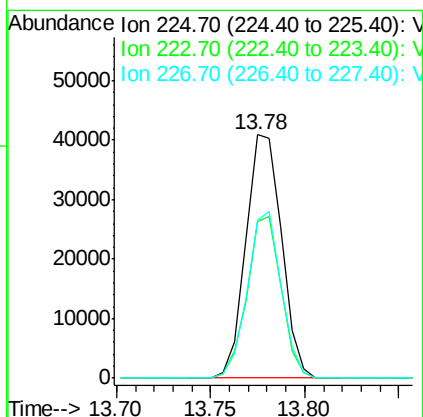
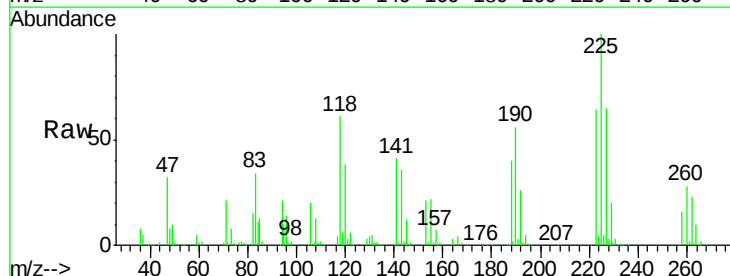
Manual Integrations
 APPROVED

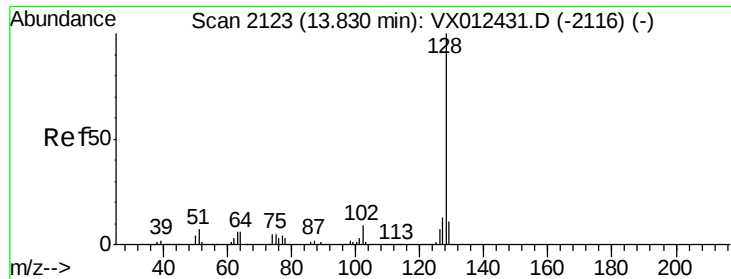
MMDadoda
 9/24/2019 10:05:42 AM



#94
 Hexachlorobutadiene
 Concen: 46.764 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012618.D
 Acq: 23 Sep 2019 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.0	96.2
227	64.5	31.9	95.5





#95

Naphthalene

Concen: 52.590 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Instrument :

MSVOA_X

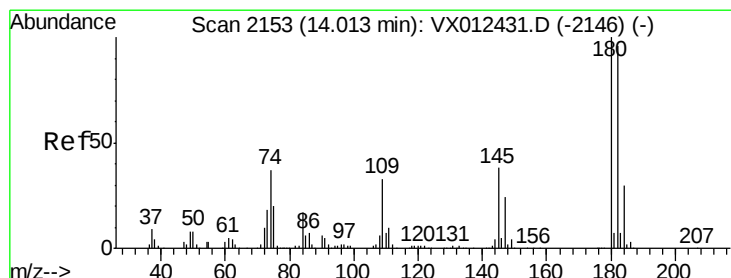
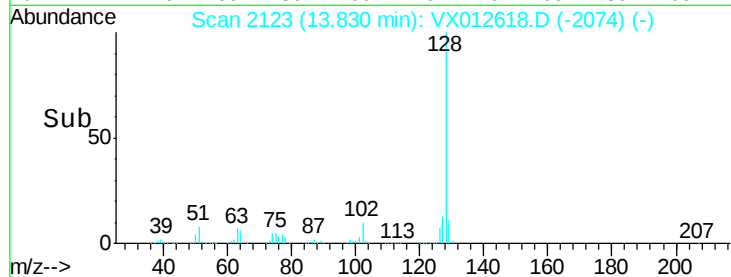
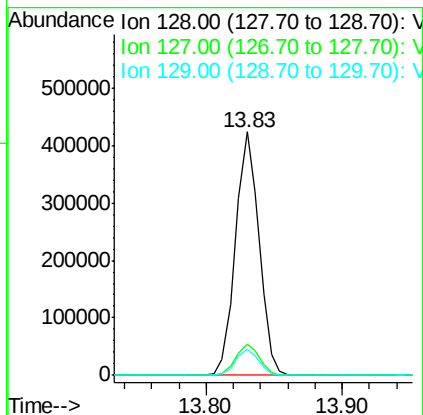
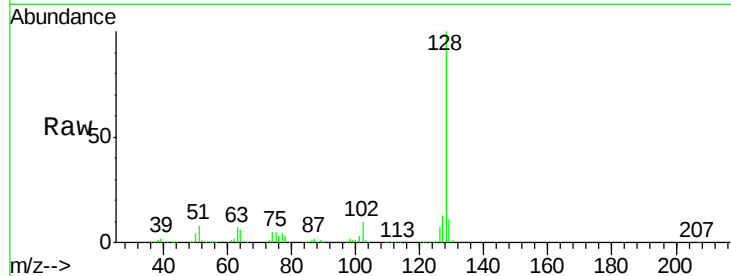
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	508881
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:05:42 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.140 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012618.D

Acq: 23 Sep 2019 20:38

Tgt Ion:	180	Resp:	134332
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.1	141.3
145	36.8	18.0	54.0

