

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010657.D
 Acq On : 03 Jul 2019 21:52
 Operator : JC/SP
 Sample : K3636-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:40:55 PM

Quant Time: Jul 04 05:31:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104272	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
35) Dibromofluoromethane	5.50	113	98597	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
50) Toluene-d8	8.71	98	343965	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.13	95	126899	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80737	58.600	ug/l	99
3) Chloromethane	1.32	50	96846	60.366	ug/l	99
4) Vinyl Chloride	1.41	62	101467	57.743	ug/l	100
5) Bromomethane	1.64	94	52257	61.042	ug/l	99
6) Chloroethane	1.71	64	67340	64.955	ug/l	99
7) Trichlorofluoromethane	1.93	101	157848	56.666	ug/l	98
8) Diethyl Ether	2.19	74	67974	68.045	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82976	49.154	ug/l	98
10) Methyl Iodide	2.51	142	132182	54.867	ug/l	97
11) Tert butyl alcohol	3.05	59	125020	257.138	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94686	55.123	ug/l	98
13) Acrolein	2.29	56	90981	282.084	ug/l	100
14) Allyl chloride	2.73	41	140043	57.426	ug/l	97
15) Acrylonitrile	3.14	53	290473	301.753	ug/l	99
16) Acetone	2.45	43	235956	253.386	ug/l	99
17) Carbon Disulfide	2.57	76	245773	53.331	ug/l	100
18) Methyl Acetate	2.78	43	101549	54.715	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	327239	60.557	ug/l	100
20) Methylene Chloride	2.85	84	114640	59.821	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	104992	56.831	ug/l	97
22) Diisopropyl ether	3.85	45	307591	60.327	ug/l	96
23) Vinyl Acetate	3.82	43	1247359	283.185	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176600	59.920	ug/l	99
25) 2-Butanone	4.67	43	391266	286.438	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100480	39.246	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121524	56.924	ug/l	99
28) Bromochloromethane	5.01	49	78305	55.570	ug/l	94
29) Tetrahydrofuran	5.13	42	258192	305.158	ug/l	98
30) Chloroform	5.21	83	186062	58.675	ug/l	97
31) Cyclohexane	5.58	56	132252	49.276	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	155904	55.679	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126414	51.264	ug/l	98
37) Ethyl Acetate	4.84	43	139061	54.817	ug/l	98
38) Carbon Tetrachloride	5.79	117	132934	49.783	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139858	43.148	ug/l	97
40) Benzene	6.14	78	422013	54.932	ug/l	99
41) Methacrylonitrile	5.04	41	81185	58.326	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142982	61.141	ug/l	97
43) Isopropyl Acetate	6.45	43	230914	55.017	ug/l	98
44) Trichloroethene	7.21	130	117227	50.995	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106984	55.145	ug/l	100
46) Dibromomethane	7.66	93	78893	56.678	ug/l	96
47) Bromodichloromethane	7.90	83	139798	54.803	ug/l	99
48) Methyl methacrylate	7.77	41	117461	60.208	ug/l	97
49) 1,4-Dioxane	7.74	88	60507	1076.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	794439	295.953	ug/l	98
52) Toluene	8.79	92	264953	52.370	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147707	51.647	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	161765	52.049	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116281	55.729	ug/l	98
56) Ethyl methacrylate	9.18	69	177925	56.291	ug/l	94
57) 1,3-Dichloropropane	9.37	76	184498	56.963	ug/l	99
59) 2-Hexanone	9.49	43	611471	289.430	ug/l	98
60) Dibromochloromethane	9.59	129	124757	53.401	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128025	56.845	ug/l	99
64) Tetrachloroethene	9.34	164	104152	45.263	ug/l	98
65) Chlorobenzene	10.13	112	303001	52.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112829	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	500191	51.299	ug/l	100
68) m/p-Xylenes	10.36	106	387996	102.696	ug/l	99
69) o-Xylene	10.69	106	193385	52.049	ug/l	100
70) Stvrene	10.71	104	337606	54.183	ug/l	99
71) Bromoform	10.85	173	94722	51.775	ug/l #	100
73) Isopropylbenzene	11.02	105	488579	49.514	ug/l	99
74) N-amyl acetate	10.90	43	195712	52.481	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181354	55.496	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146717m	55.311	ug/l	
77) Bromobenzene	11.26	156	143735	52.167	ug/l	99
78) n-propylbenzene	11.36	91	546644	50.406	ug/l	99
79) 2-Chlorotoluene	11.42	91	330372	51.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411686	50.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50525	44.436	ug/l	91
82) 4-Chlorotoluene	11.51	91	385821	52.504	ug/l	99
83) tert-Butylbenzene	11.77	119	408250	50.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	423878	51.865	ug/l	98
85) sec-Butylbenzene	11.94	105	465222	48.530	ug/l	100
86) p-Isopropyltoluene	12.06	119	433248	48.860	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241816	50.278	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245010	50.039	ug/l	99
89) n-Butylbenzene	12.38	91	363713	48.271	ug/l	99
90) Hexachloroethane	12.60	117	70984	46.297	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	244304	51.109	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37857	53.731	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	162055	48.886	ug/l	99

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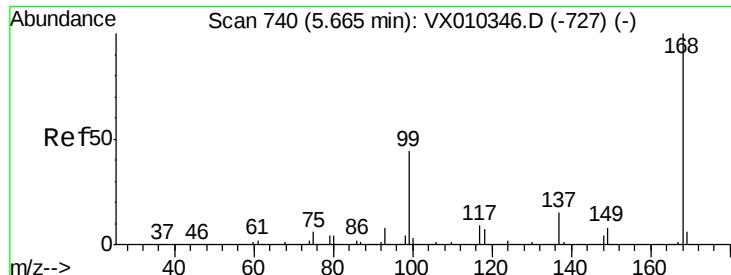
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	69885	43.136	ug/l	98
95) Naphthalene	13.83	128	540302	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	167933	50.952	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:168 Resp: 198174

Ion Ratio Lower Upper

168 100

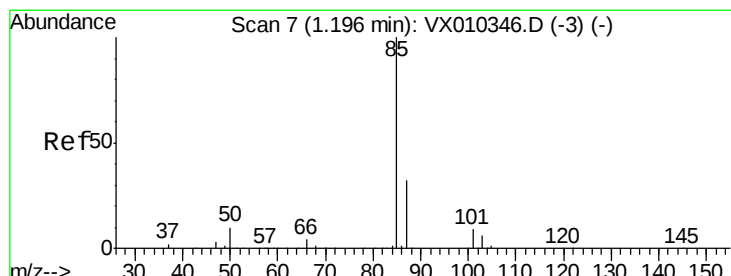
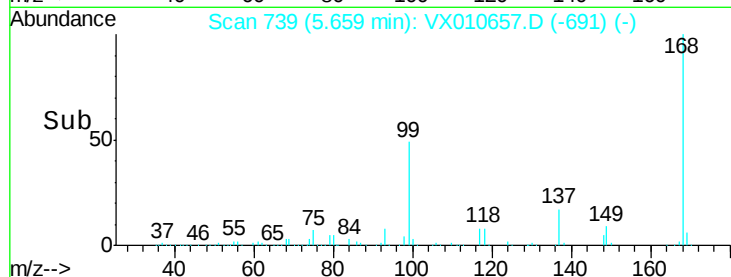
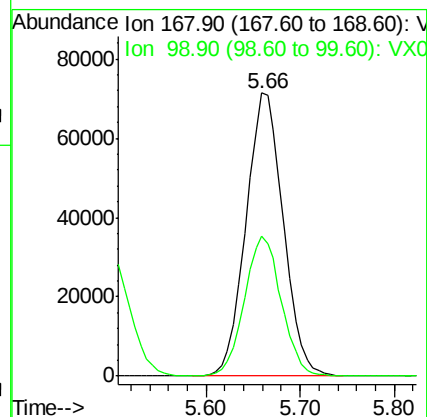
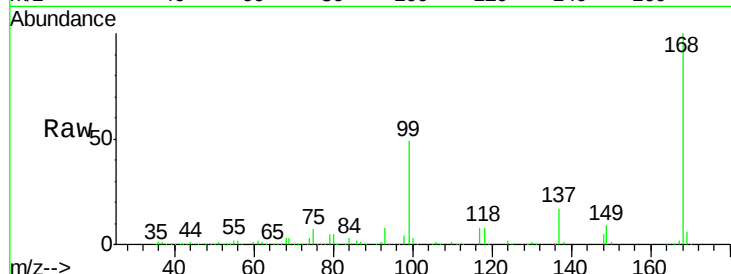
99 49.1 35.5 53.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 58.600 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010657.D

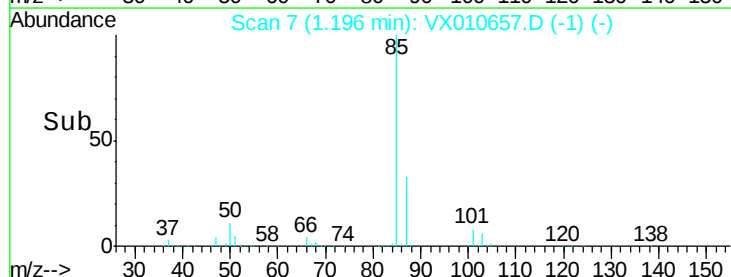
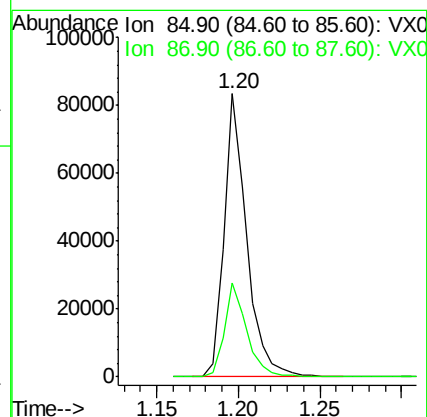
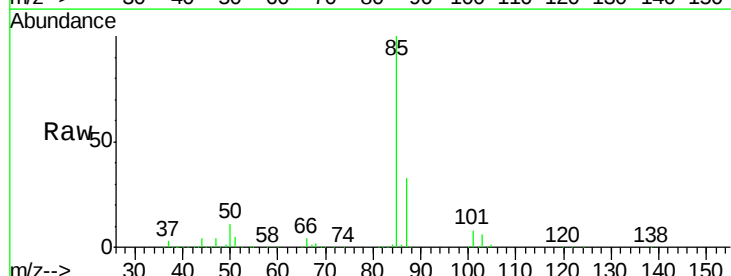
Acq: 03 Jul 2019 21:52

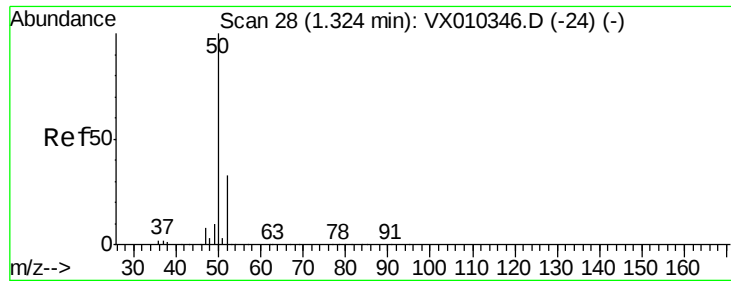
Tgt Ion: 85 Resp: 80737

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8





#3

Chloromethane

Concen: 60.366 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 50 Resp: 96846

Ion Ratio Lower Upper

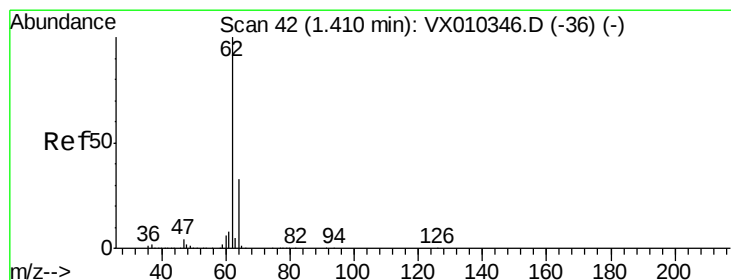
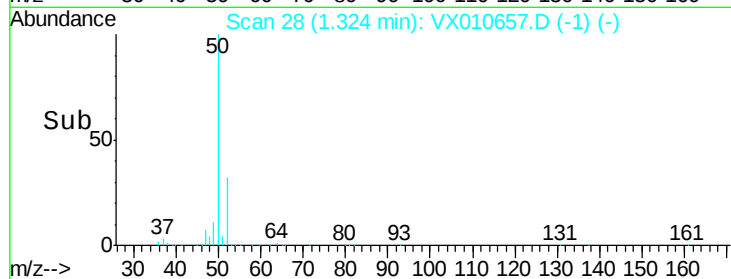
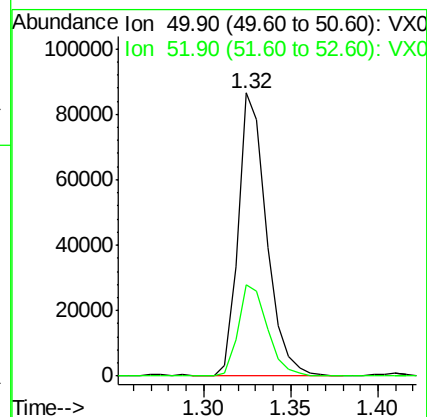
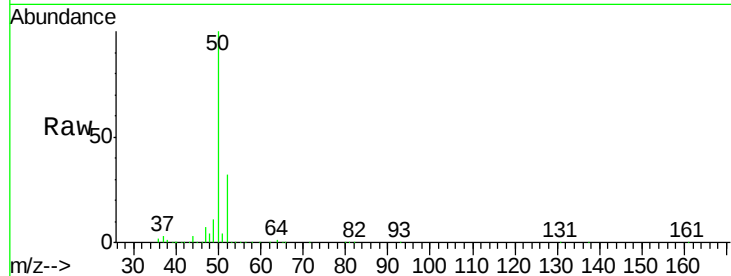
50 100

52 32.5 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 57.743 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010657.D

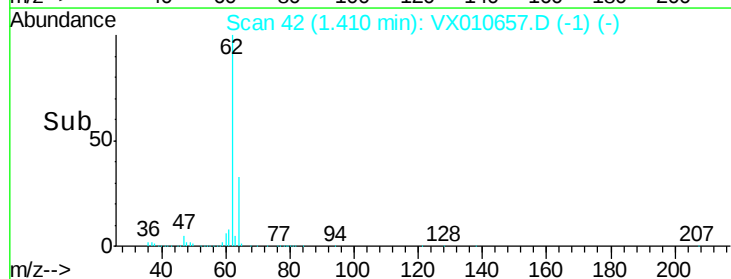
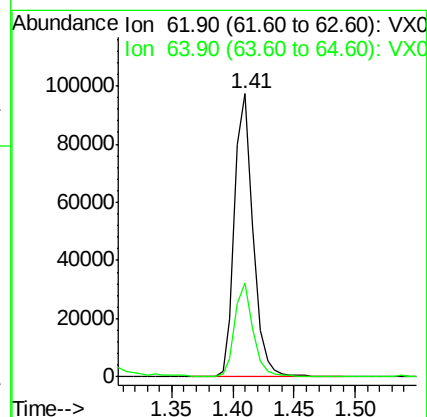
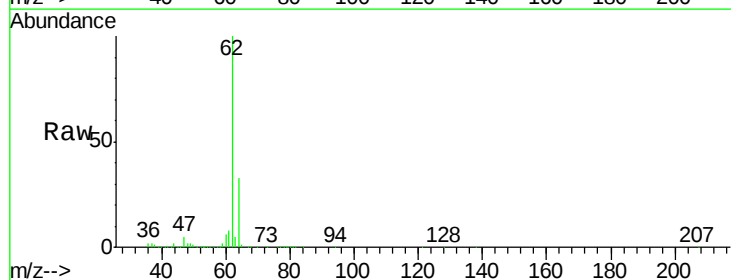
Acq: 03 Jul 2019 21:52

Tgt Ion: 62 Resp: 101467

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 61.042 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 94 Resp: 52257

Ion Ratio Lower Upper

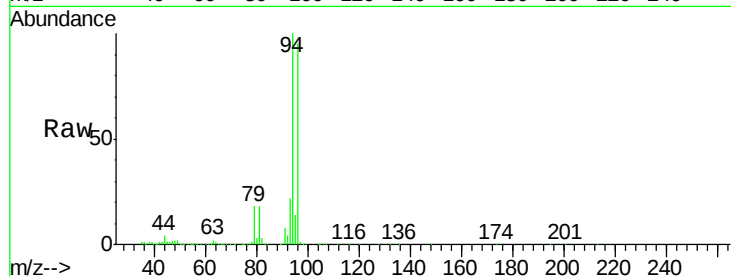
94 100

96 95.0 75.5 113.3

Manual Integrations
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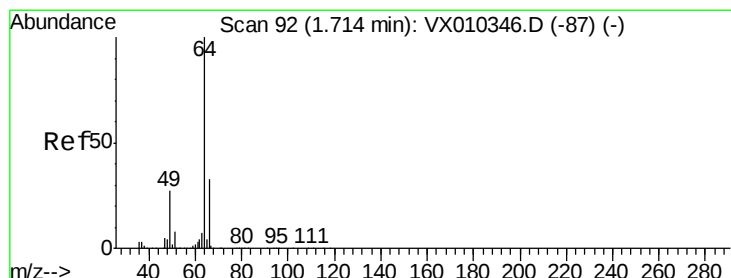
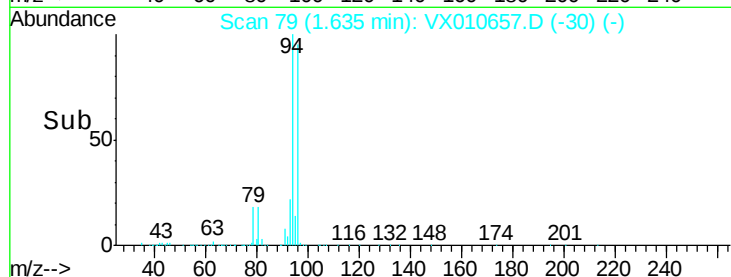
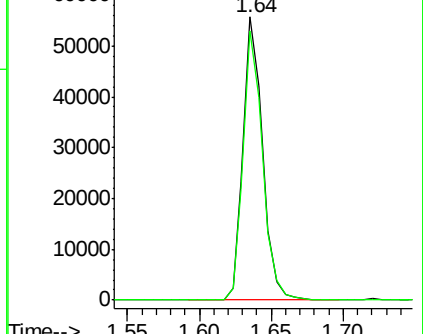
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 64.955 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010657.D

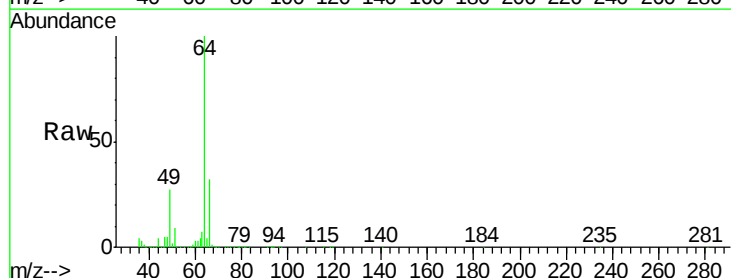
Acq: 03 Jul 2019 21:52

Tgt Ion: 64 Resp: 67340

Ion Ratio Lower Upper

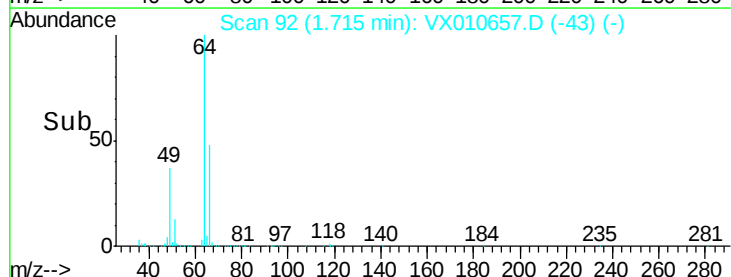
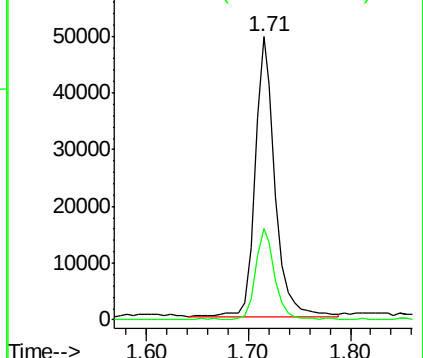
64 100

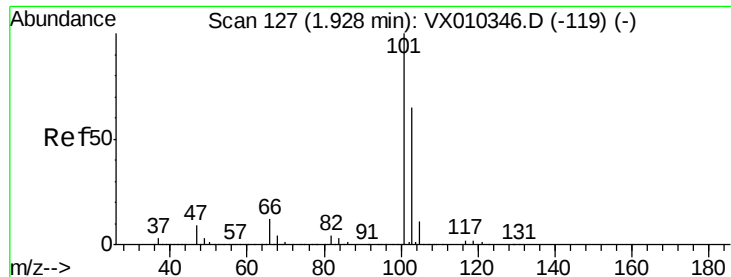
66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

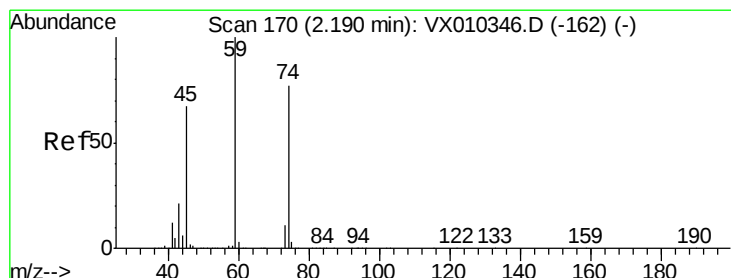
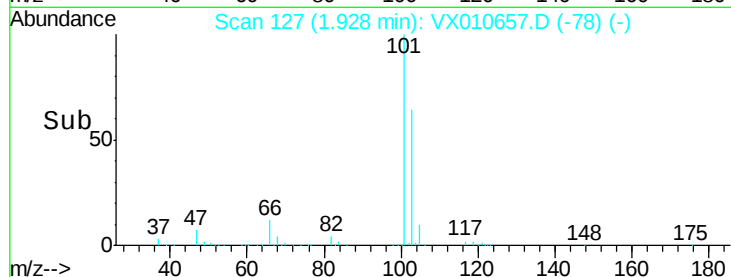
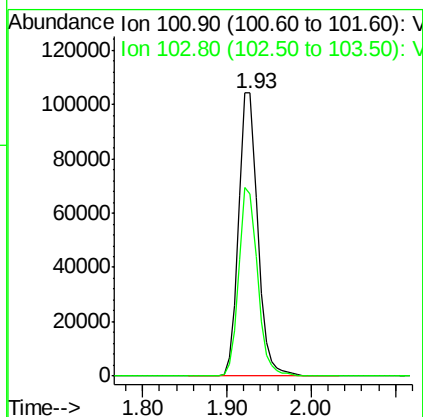
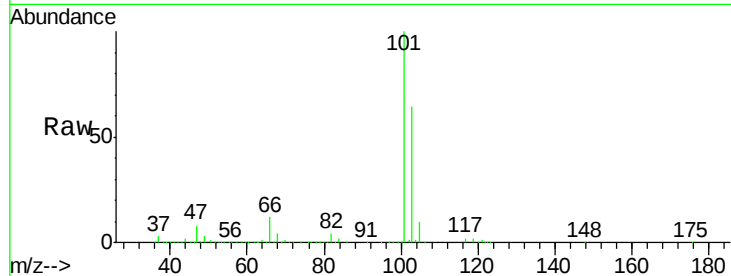
Trichlorofluoromethane
Concen: 56.666 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	157848		
103	64.2	52.3	78.5	

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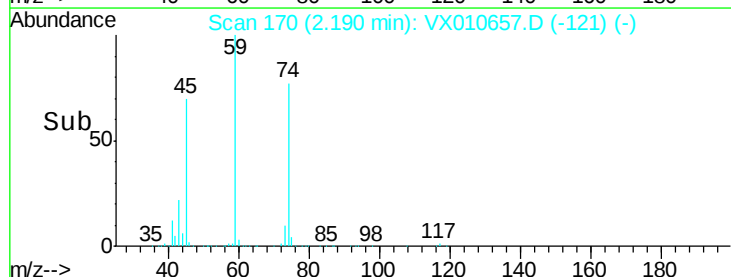
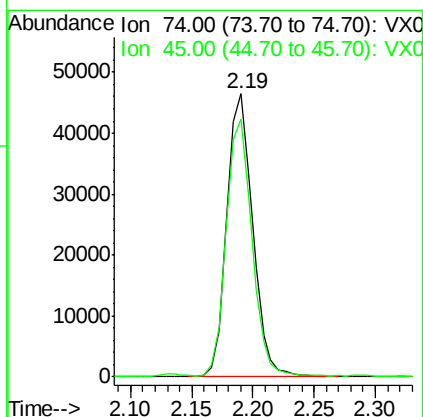
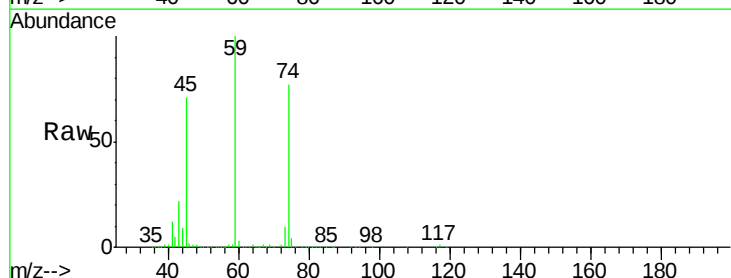
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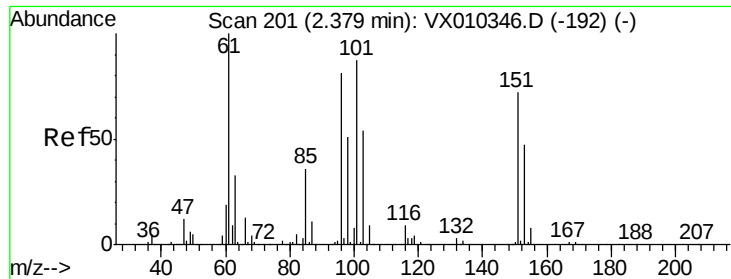


#8

Diethyl Ether
Concen: 68.045 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	67974		
45	91.1	44.8	134.4	





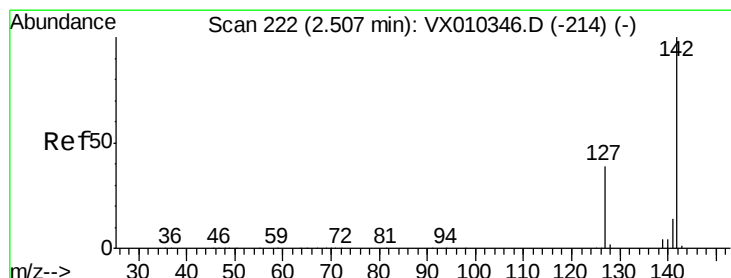
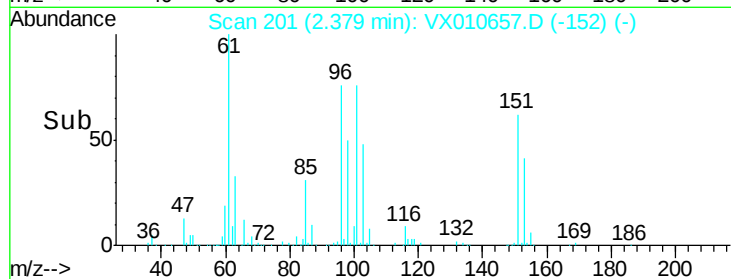
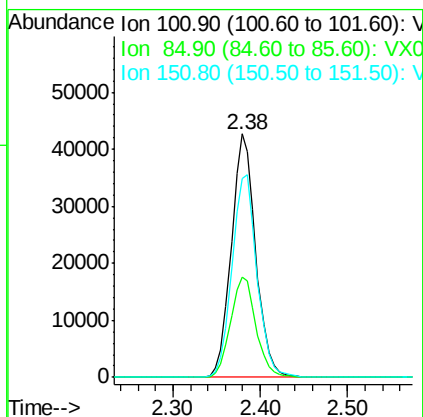
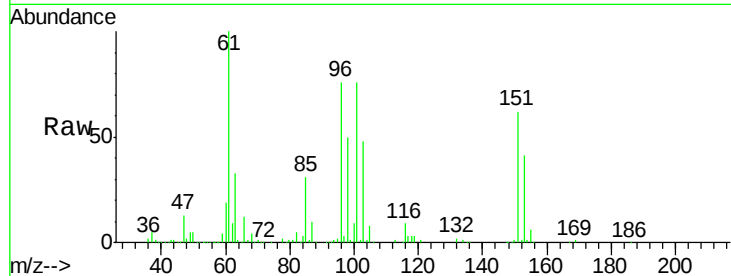
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.154 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX010657.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	42.9	33.7	50.5
151	85.5	70.1	105.1

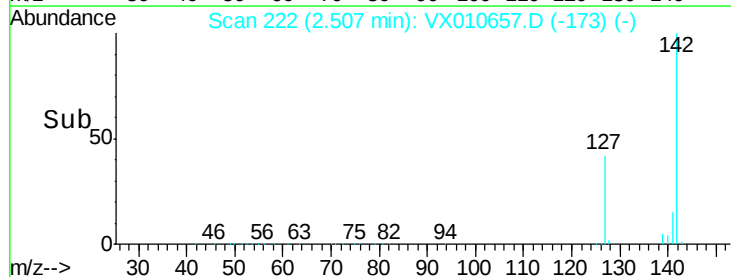
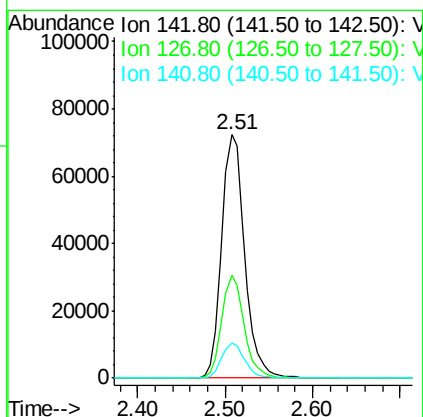
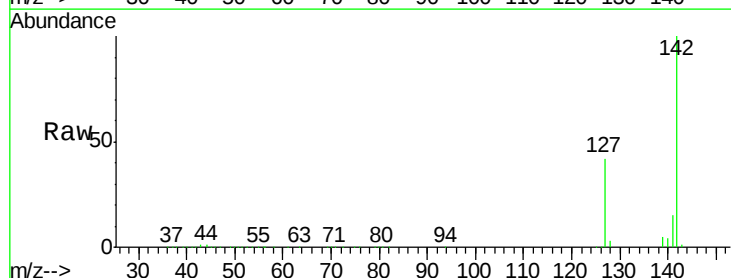
Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:40:55 PM



#10
 Methyl Iodide
 Concen: 54.867 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	31.1	46.7
141	14.4	11.2	16.8





#11

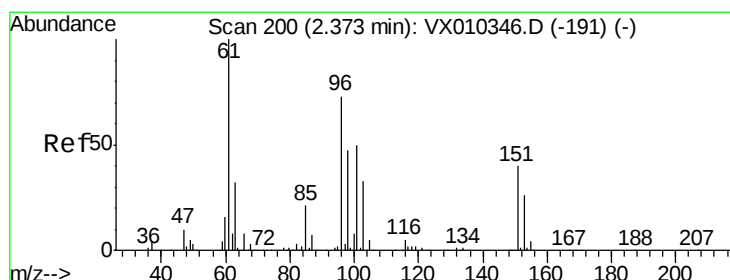
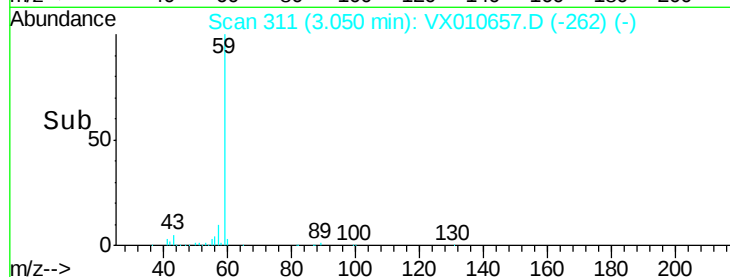
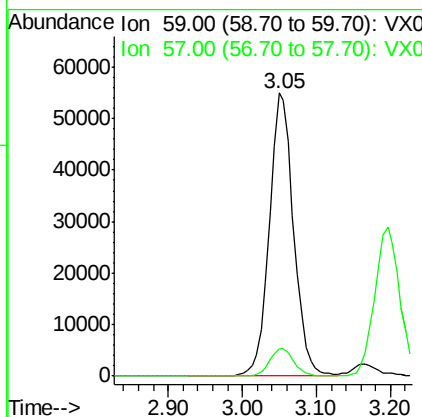
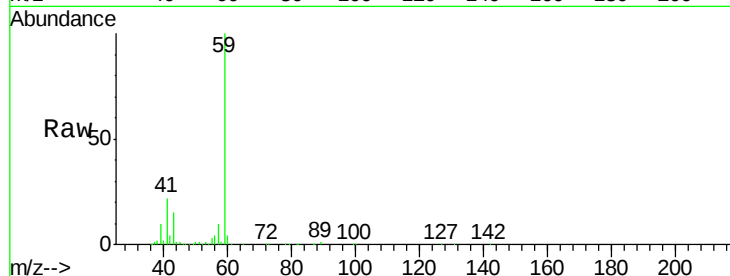
Tert butyl alcohol
Concen: 257.138 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	125020		
57	9.9		7.7	11.5

Manual Integrations
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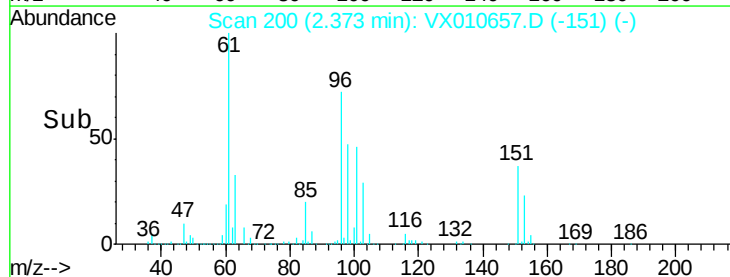
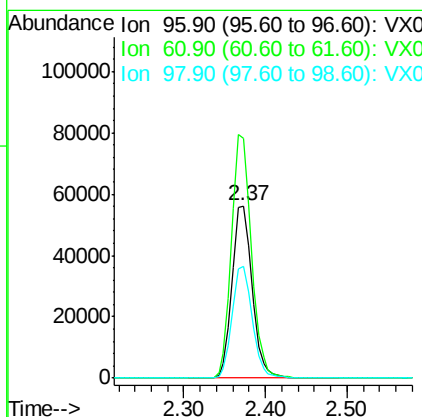
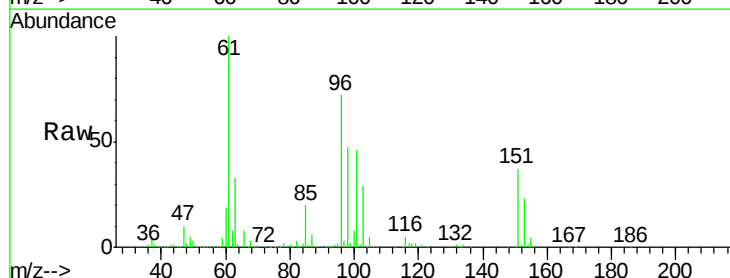
MMDadoda
7/8/2019 2:40:55 PM

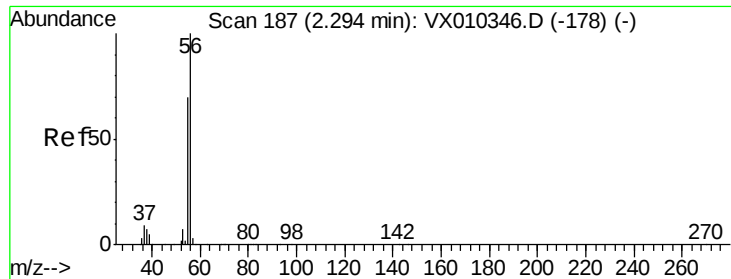


#12

1,1-Dichloroethene
Concen: 55.123 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	94686		
61	139.0		109.2	163.8
98	65.2		51.1	76.7





#13

Acrolein

Concen: 282.084 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 56 Resp: 90981

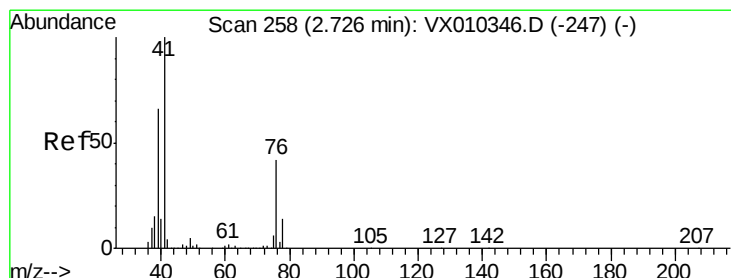
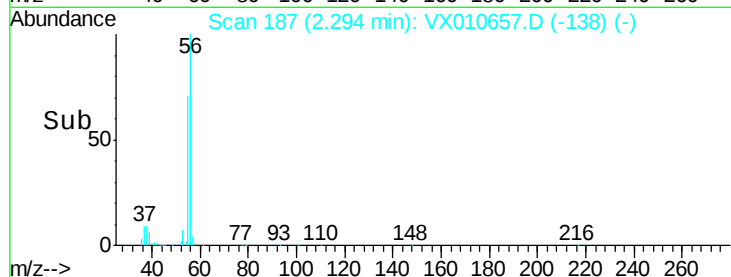
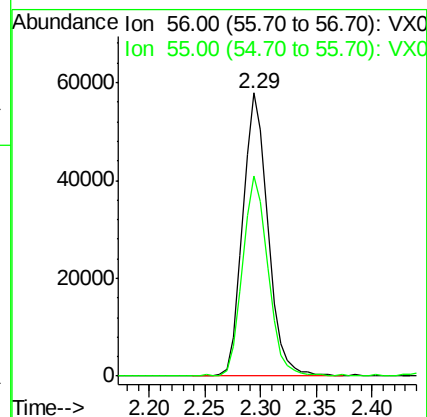
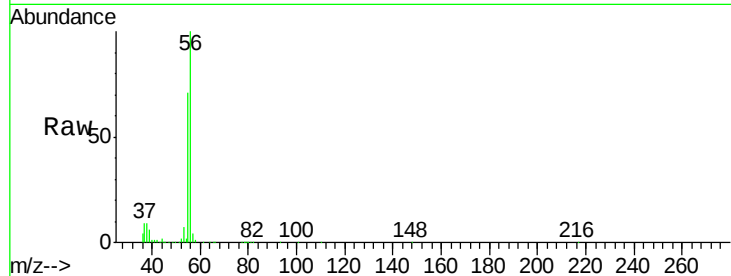
Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3

Manual Integrations
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#14

Allyl chloride

Concen: 57.426 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

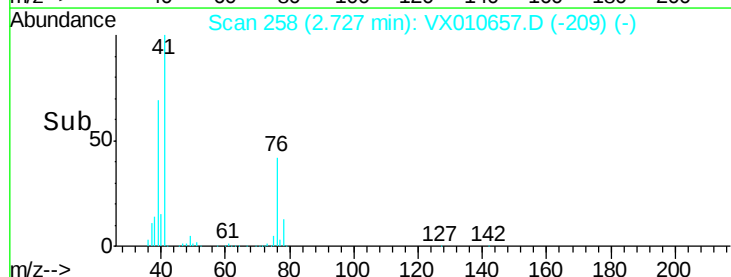
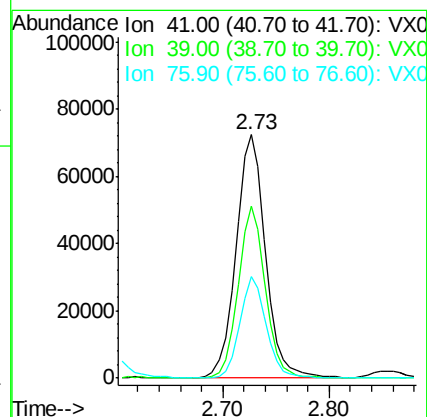
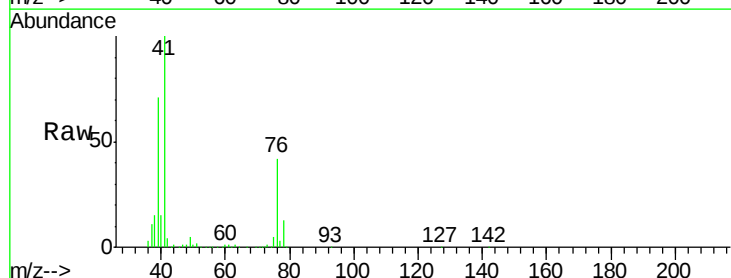
Tgt Ion: 41 Resp: 140043

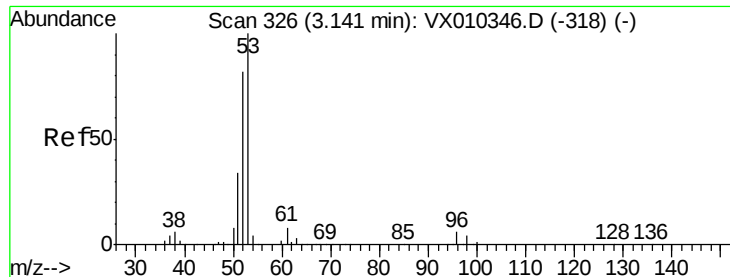
Ion Ratio Lower Upper

41 100

39 65.2 50.3 75.5

76 37.1 31.3 46.9





#15

Acrylonitrile

Concen: 301.753 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

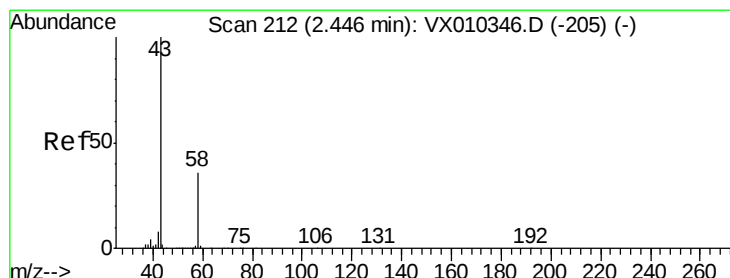
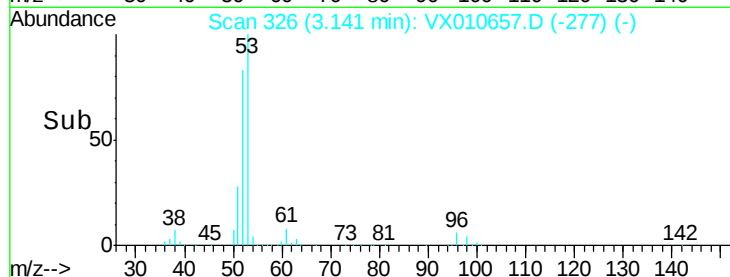
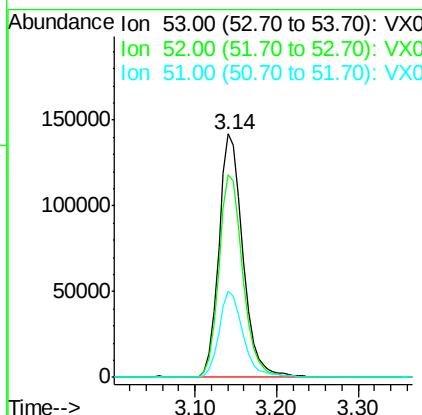
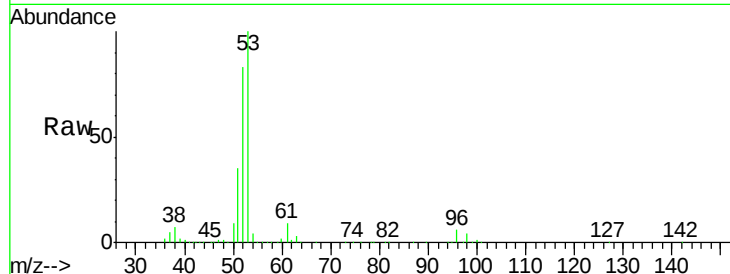
ClientSampleId :

SP19-JMW0991MSD

Tot Ion:	53	Resp:	290473
Ion Ratio	Lower	Upper	
53	100		
52	82.8	65.5	98.3
51	35.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 253.386 ug/l

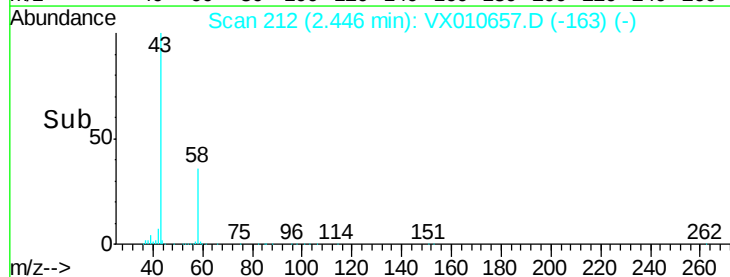
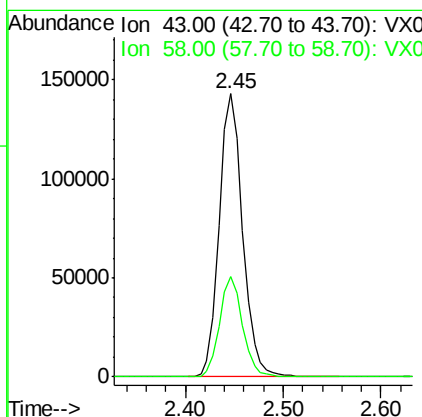
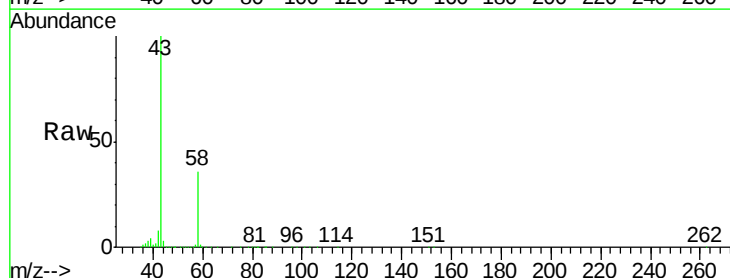
RT: 2.45 min Scan# 212

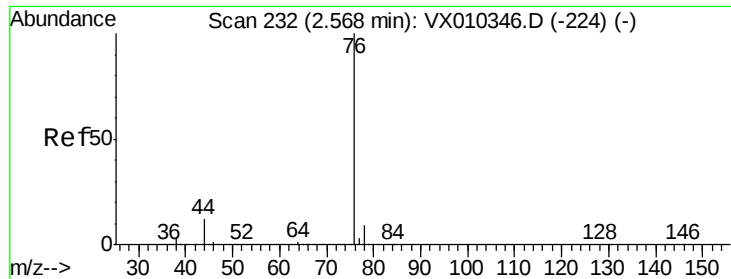
Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion:	43	Resp:	235956
Ion Ratio	Lower	Upper	
43	100		
58	35.5	28.9	43.3





#17

Carbon Disulfide

Concen: 53.331 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 76 Resp: 245773

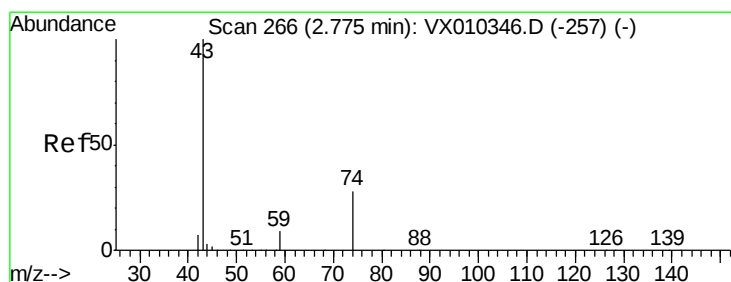
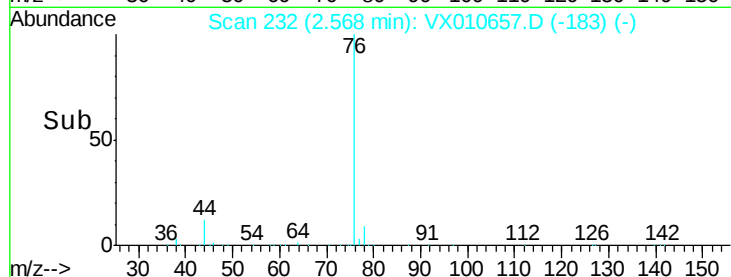
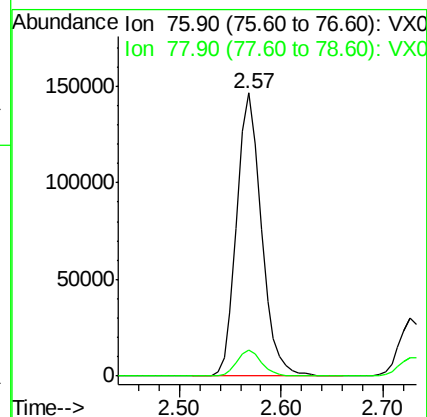
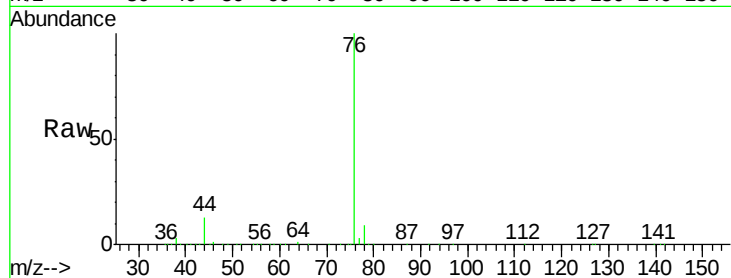
Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 54.715 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010657.D

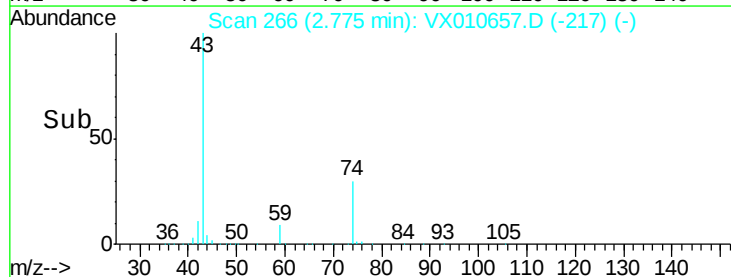
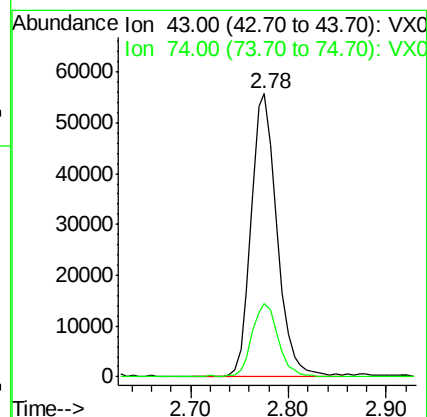
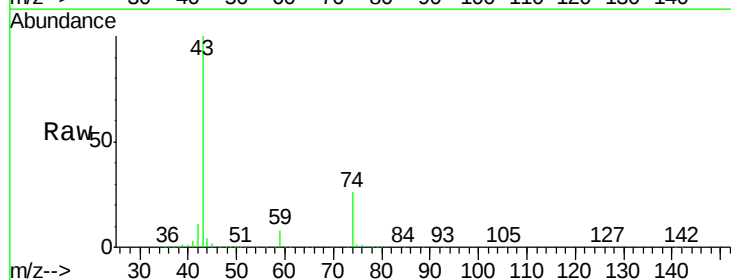
Acq: 03 Jul 2019 21:52

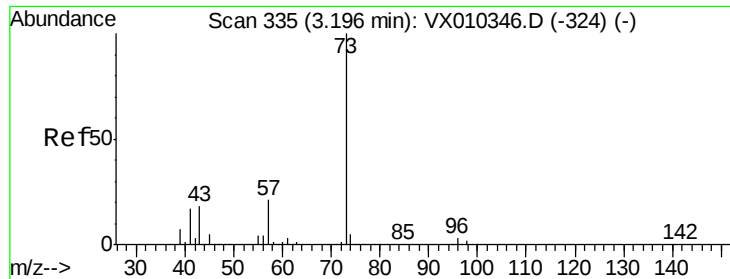
Tgt Ion: 43 Resp: 101549

Ion Ratio Lower Upper

43 100

74 25.8 21.3 31.9





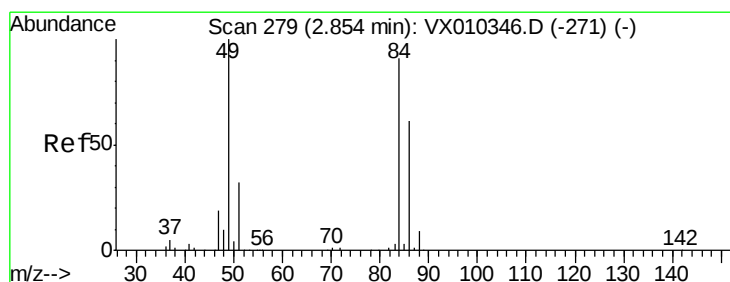
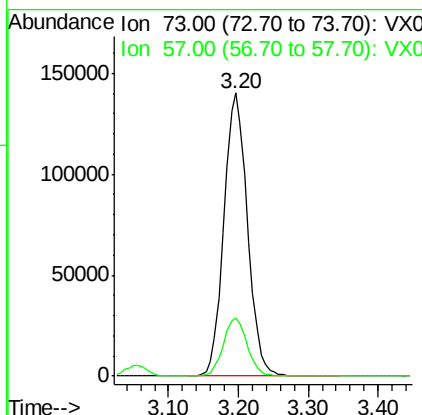
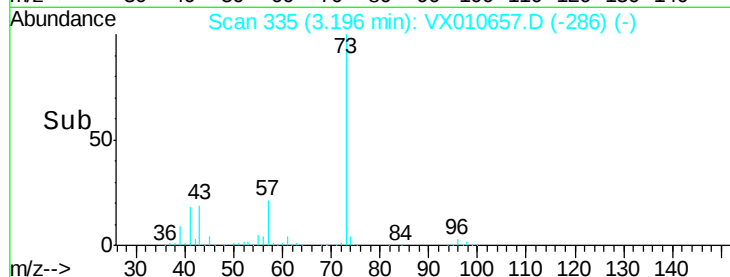
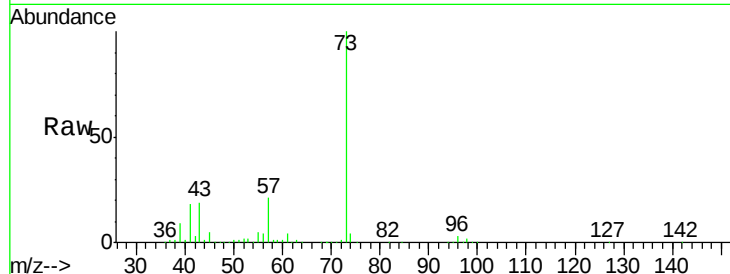
#19
Methvl tert-butvl Ether
Concen: 60.557 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion: 73 Resp: 327239
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6

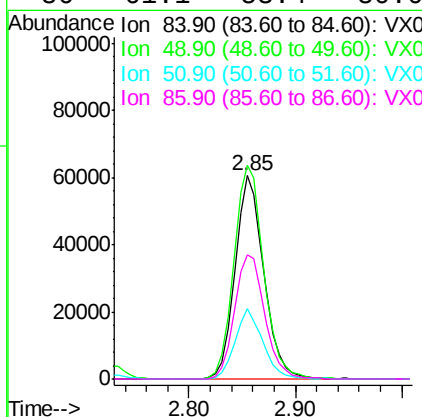
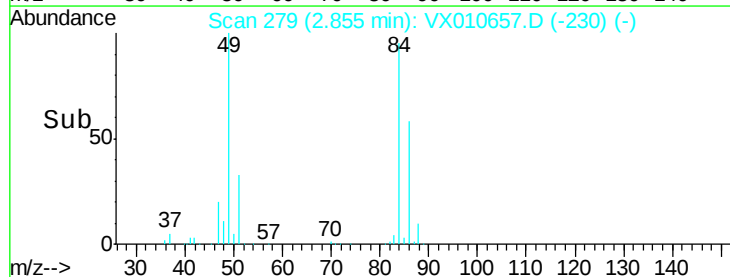
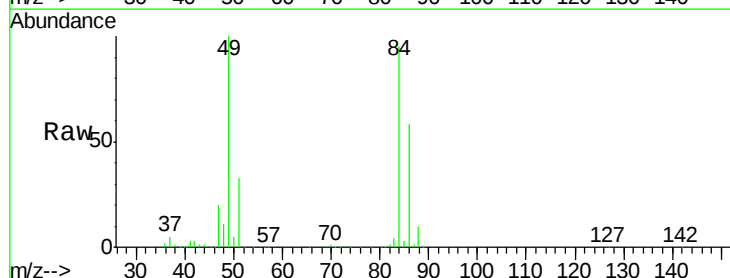
Manual Integrations
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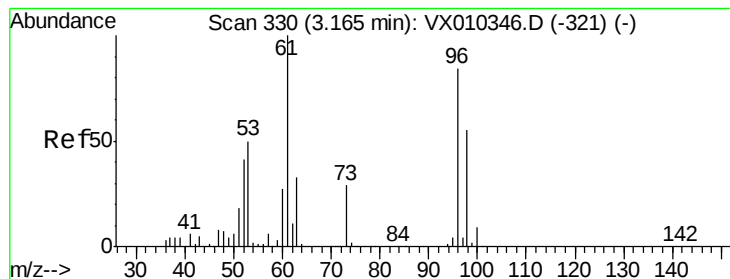
MMDadoda
7/8/2019 2:40:55 PM



#20
Methylene Chloride
Concen: 59.821 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 84 Resp: 114640
Ion Ratio Lower Upper
84 100
49 105.1 87.5 131.3
51 34.8 27.7 41.5
86 61.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 56.831 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 96 Resp: 104992

Ion Ratio Lower Upper

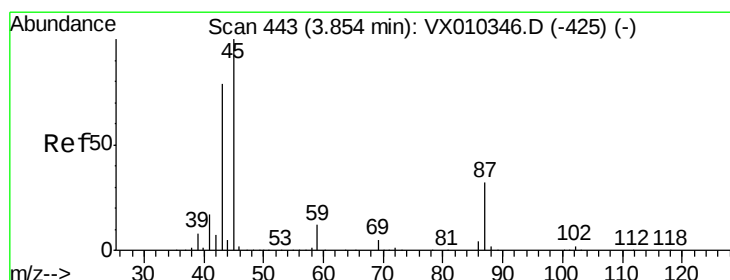
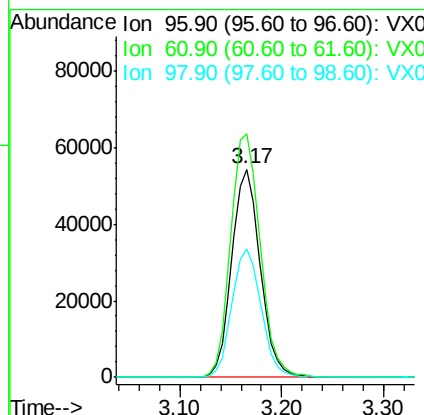
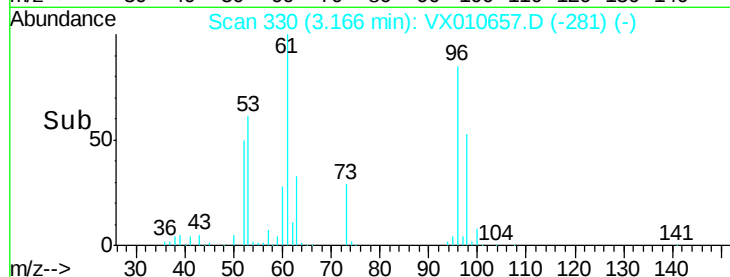
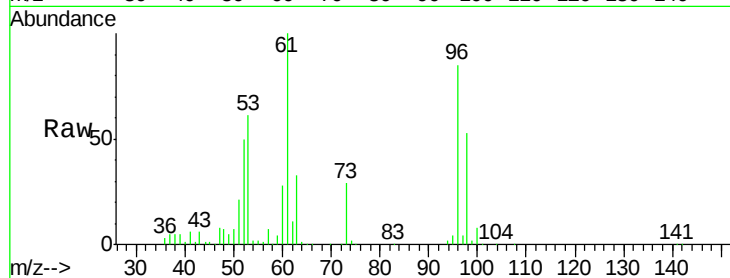
96 100

61 117.1 95.6 143.4

98 61.8 52.5 78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 60.327 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion: 45 Resp: 307591

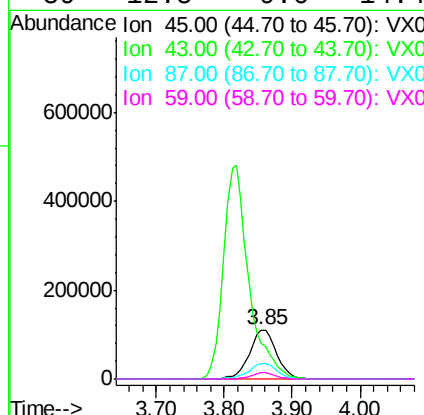
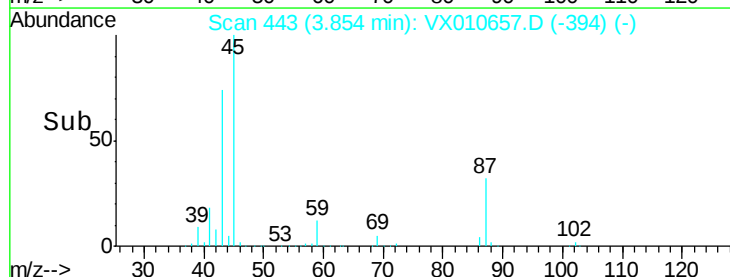
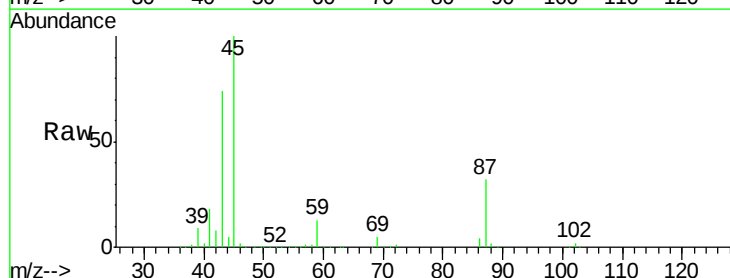
Ion Ratio Lower Upper

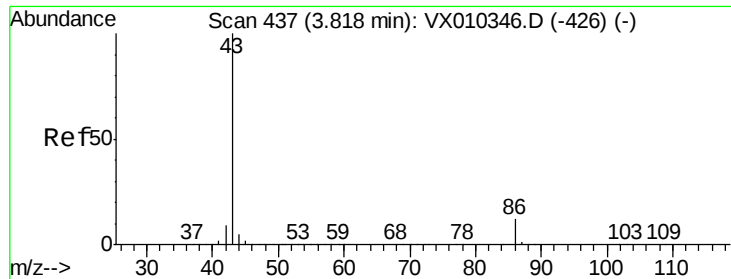
45 100

43 74.2 63.3 94.9

87 31.7 25.8 38.8

59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 283.185 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 43 Resp: 1247359

Ion Ratio Lower Upper

43 100

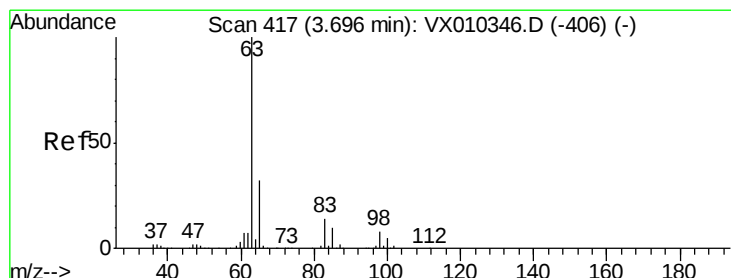
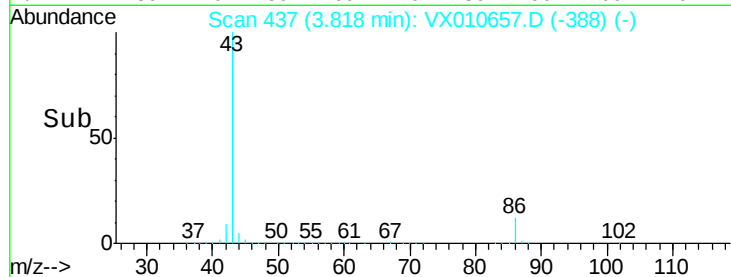
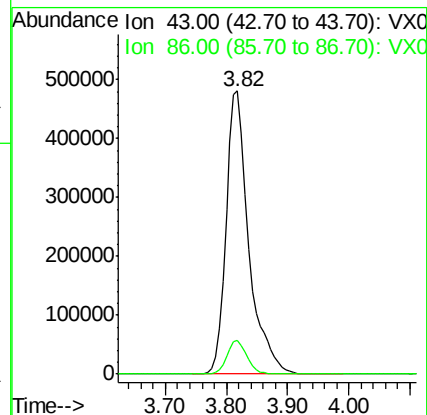
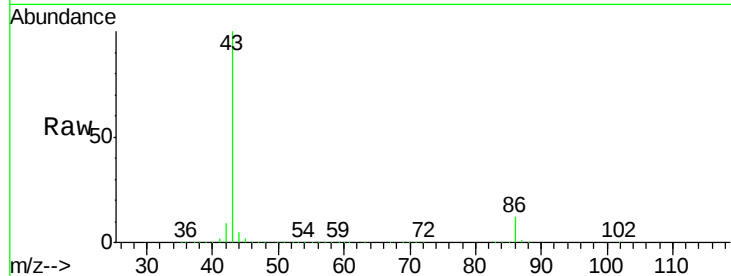
86 11.9 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 59.920 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

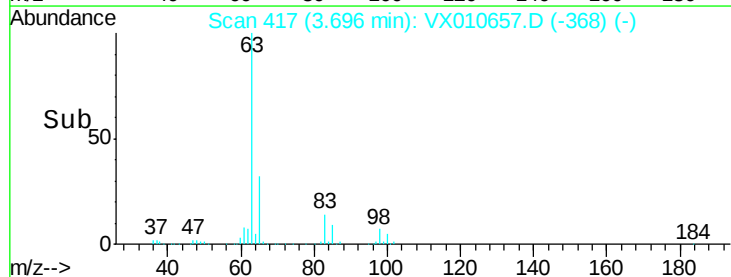
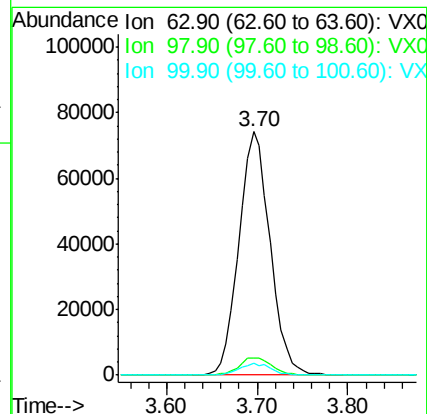
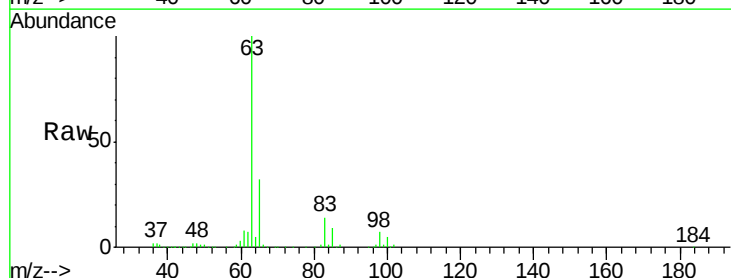
Tgt Ion: 63 Resp: 176600

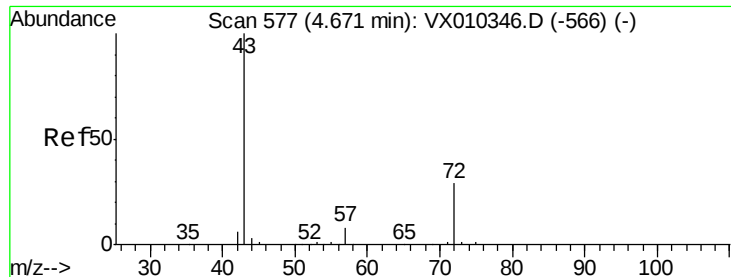
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 286.438 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 43 Resp: 391266

Ion Ratio Lower Upper

43 100

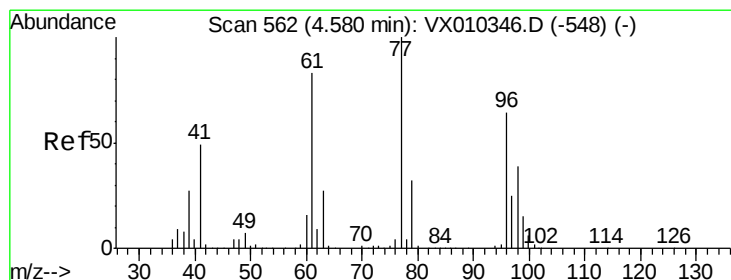
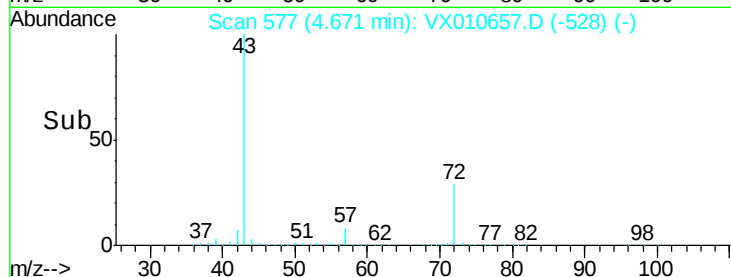
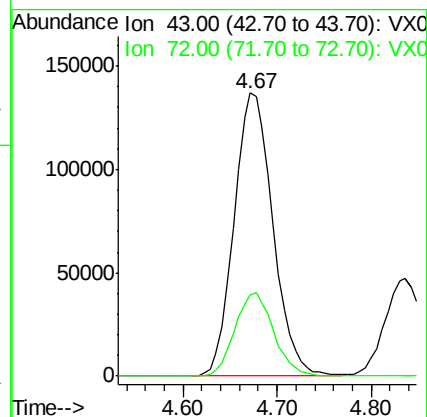
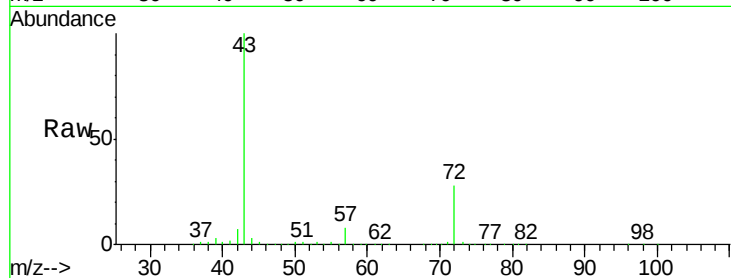
72 28.4 23.3 34.9

Manual Integrations

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7/8/2019 2:40:55 PM



#26

2,2-Dichloropropane

Concen: 39.246 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010657.D

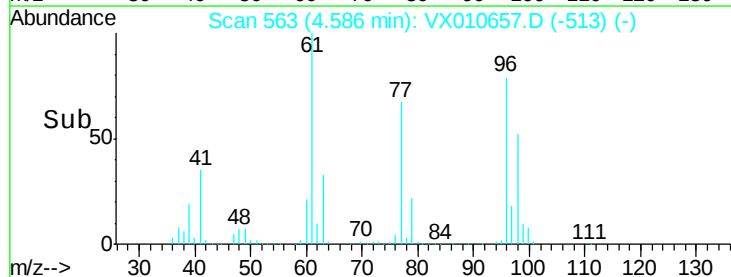
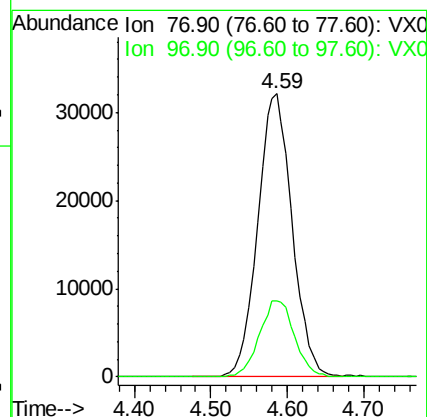
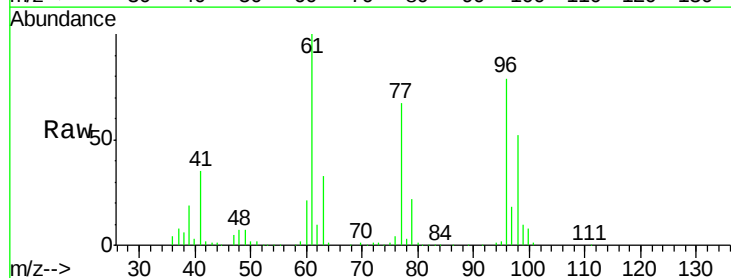
Acq: 03 Jul 2019 21:52

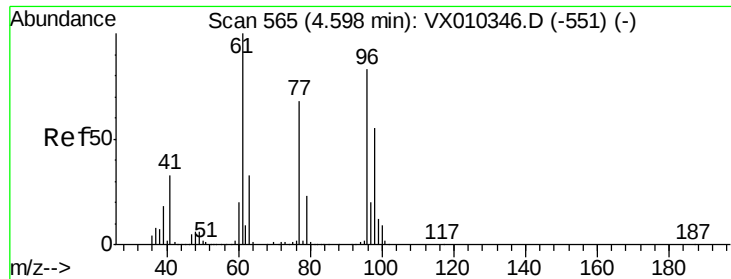
Tgt Ion: 77 Resp: 100480

Ion Ratio Lower Upper

77 100

97 27.4 13.1 39.3





#27

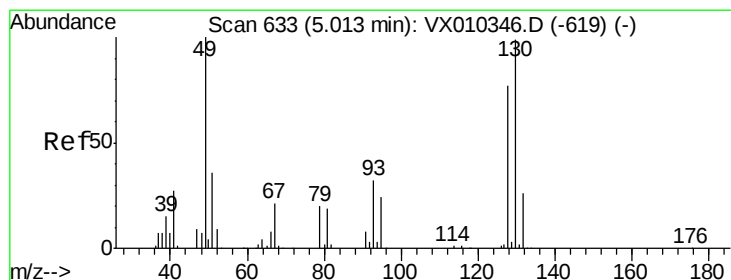
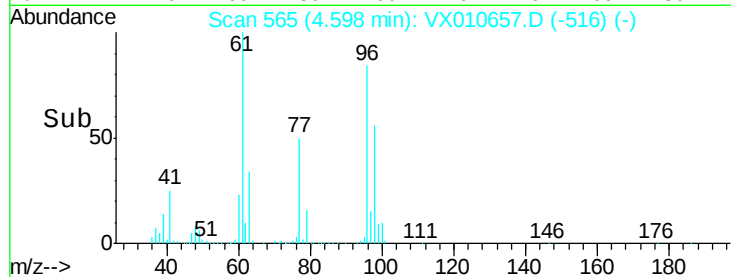
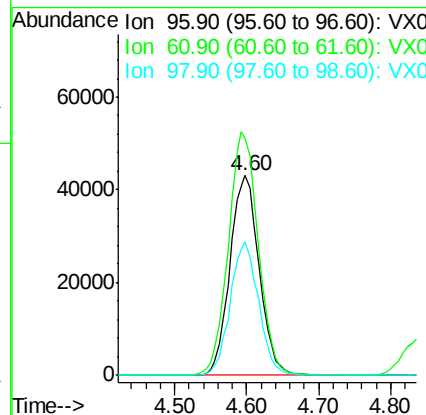
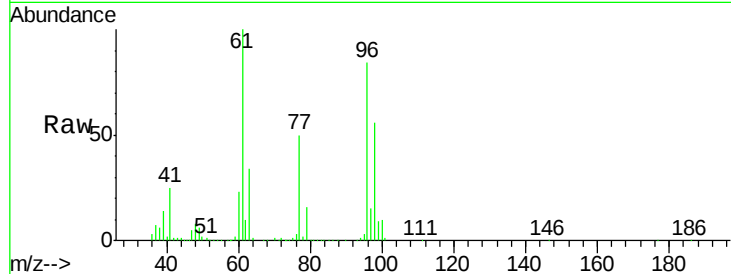
cis-1,2-Dichloroethene
Concen: 56.924 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	121524		
61	125.0	0.0	251.8	
98	64.7	0.0	129.4	

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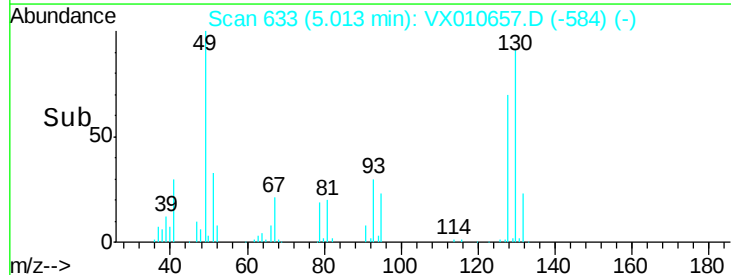
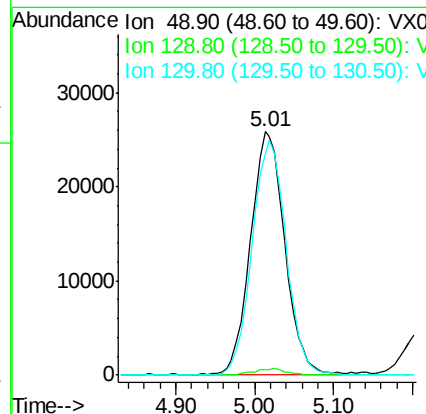
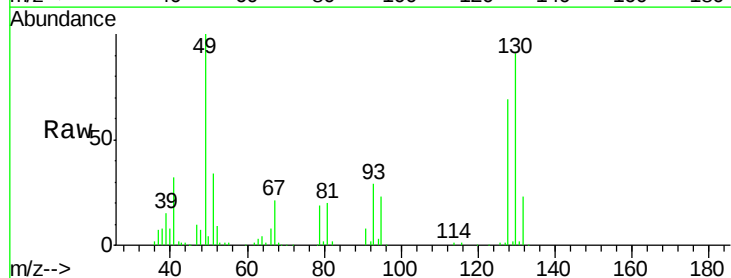
MMDadoda
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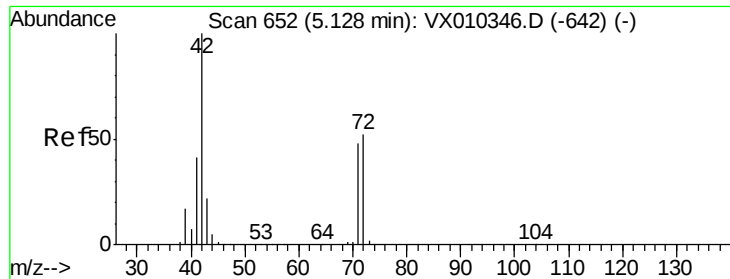


#28

Bromochloromethane
Concen: 55.570 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78305		
129	2.6	0.0	5.6	
130	95.3	81.4	122.0	





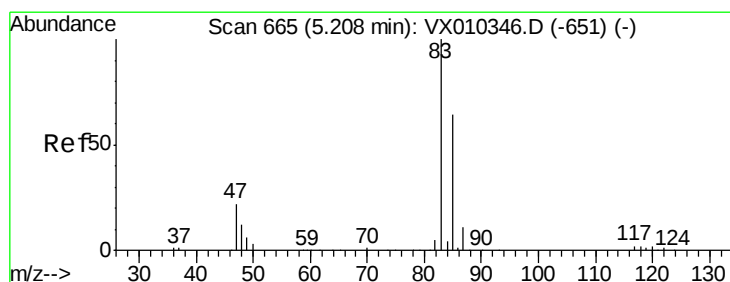
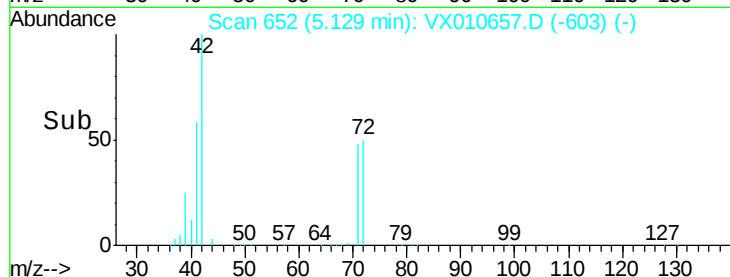
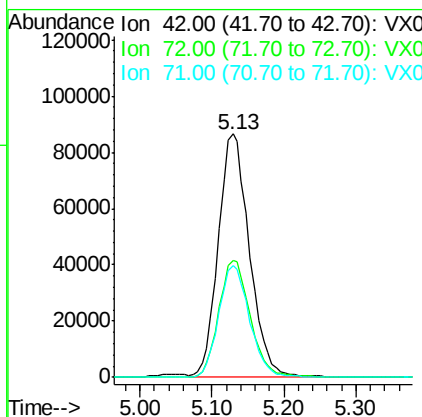
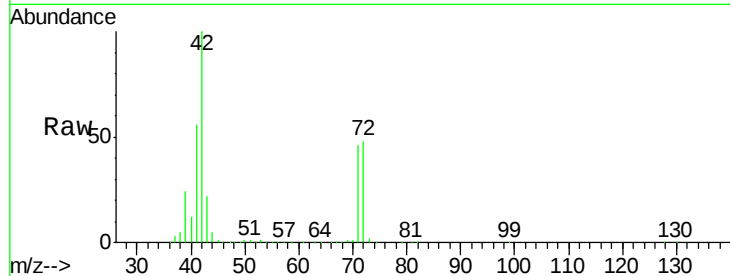
#29
Tetrahydrofuran
Concen: 305.158 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	40.6	60.8
71	46.1	37.8	56.8

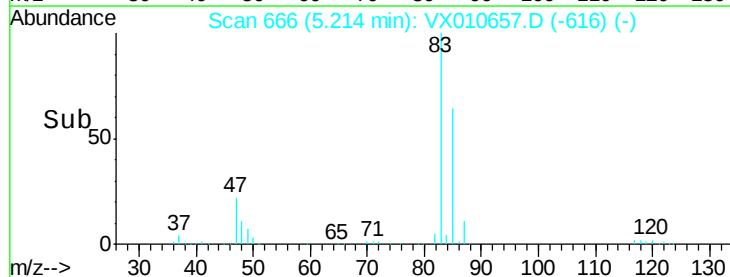
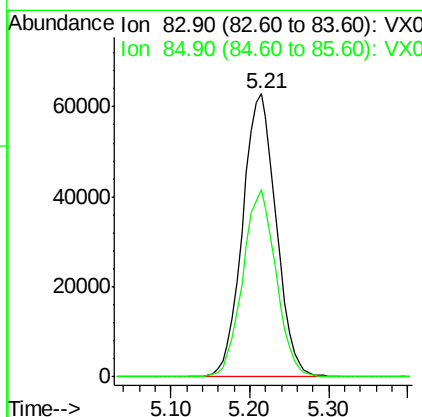
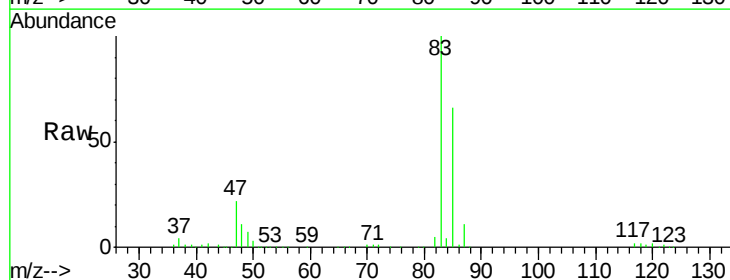
Manual Integrations
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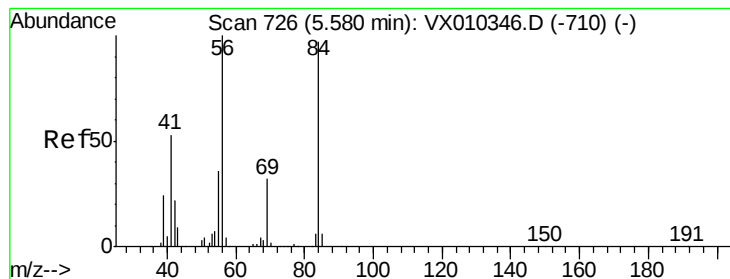
MMDadoda
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#30
Chloroform
Concen: 58.675 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.9	76.3





#31

Cyclohexane

Concen: 49.276 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

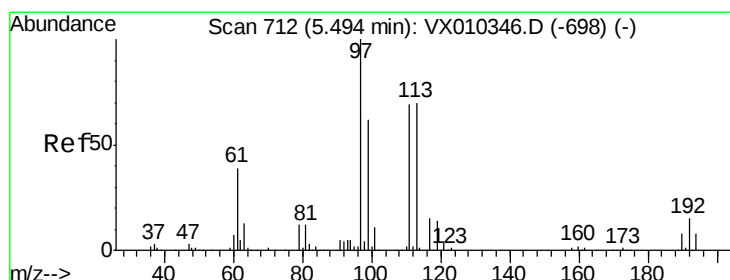
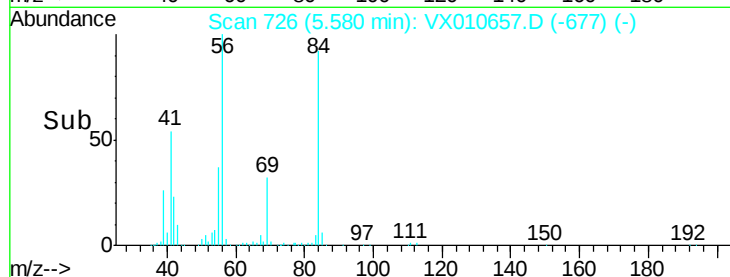
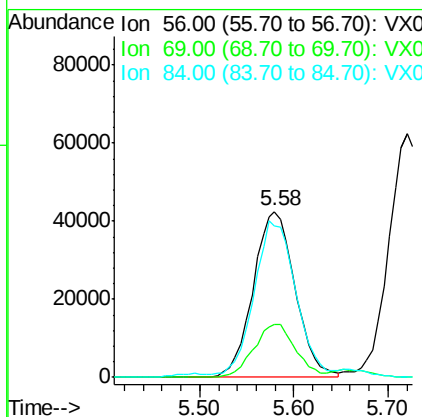
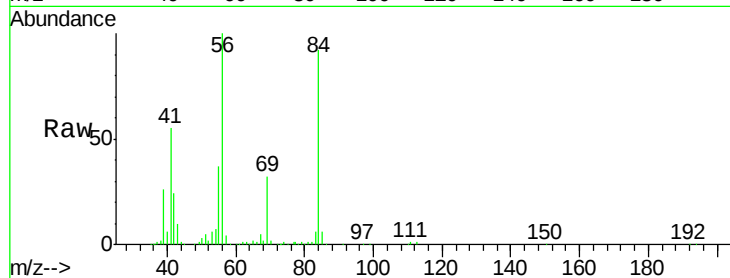
ClientSampleId :

SP19-JMW0991MSD

Tot Ion	56	Resp	132252
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.9	38.9
84	89.7	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 55.679 ug/l

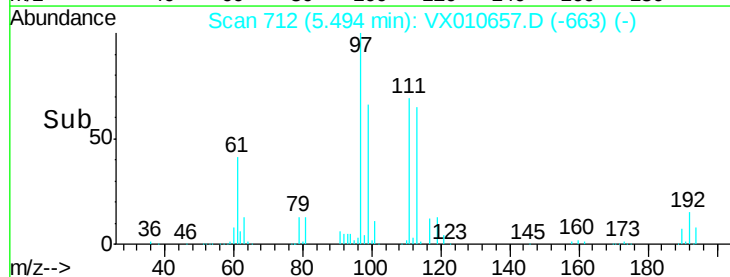
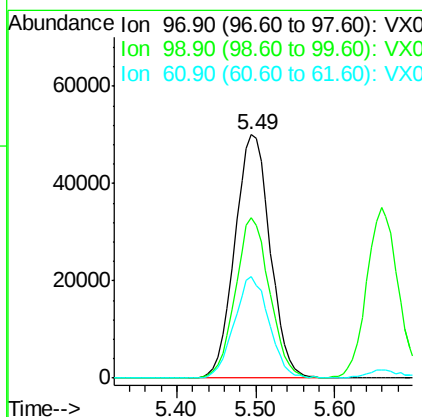
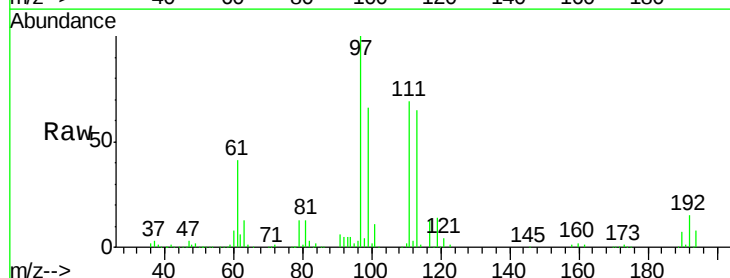
RT: 5.49 min Scan# 712

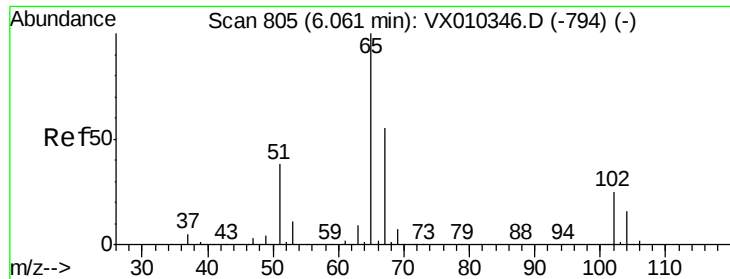
Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion	97	Resp	155904
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.8	77.8
61	41.3	32.1	48.1





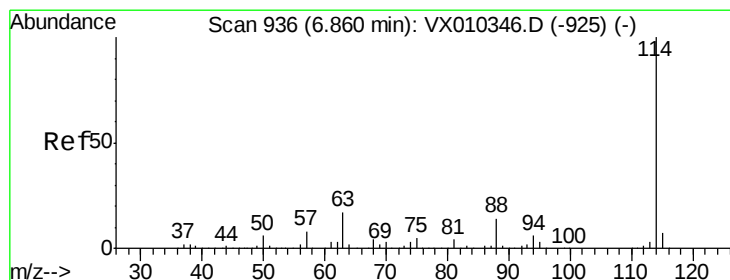
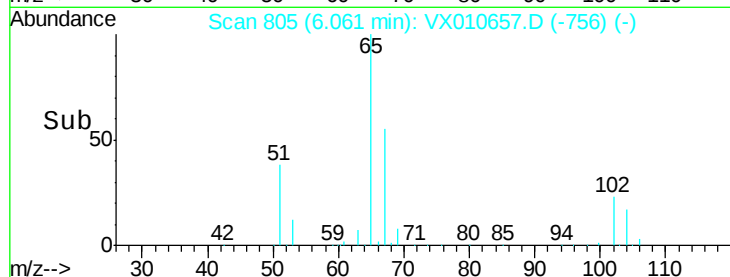
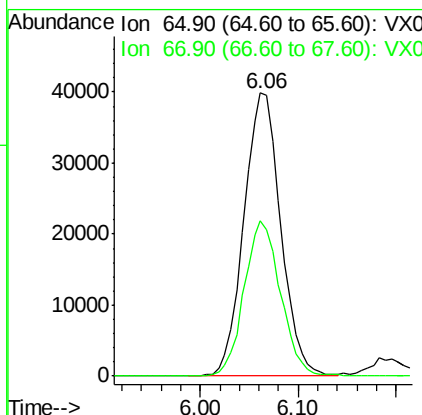
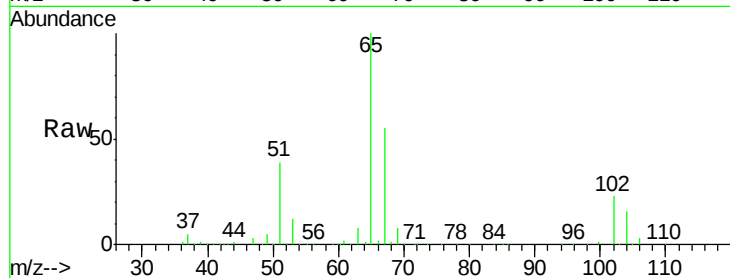
#33
 1,2-Dichloroethane-d4
 Concen: 56.118 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2

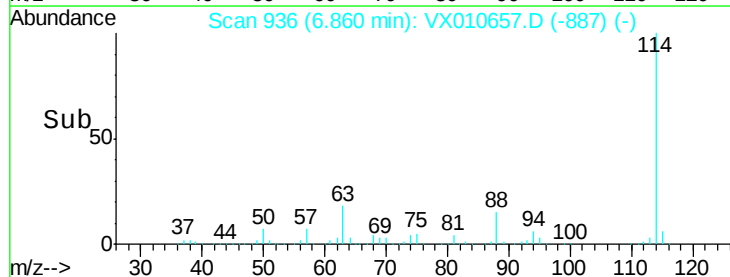
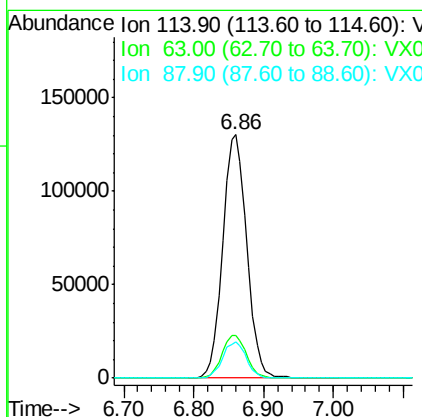
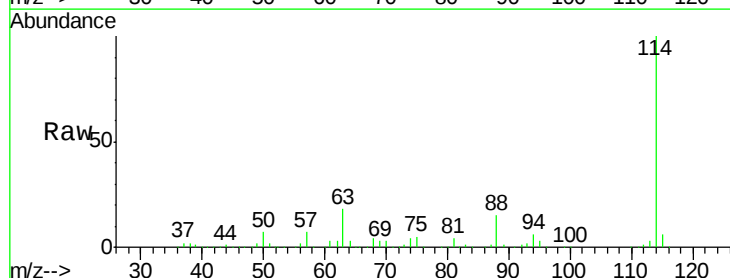
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	33.8
88	14.7	0.0	27.6





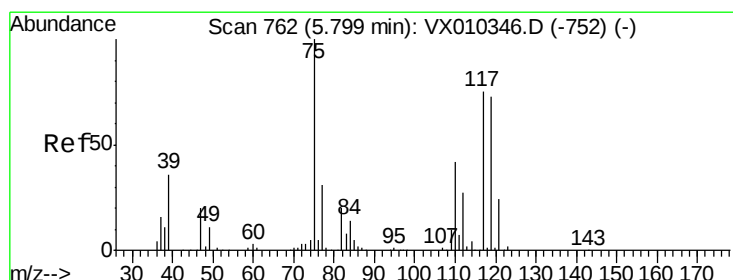
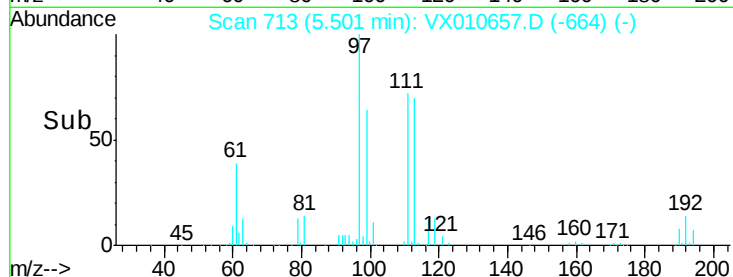
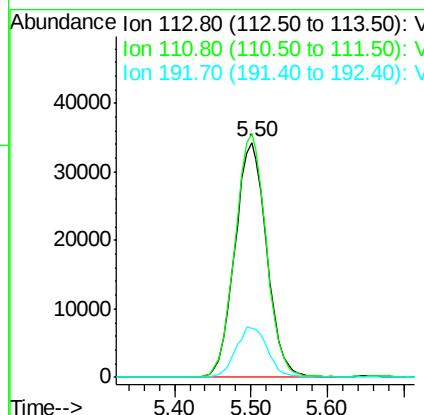
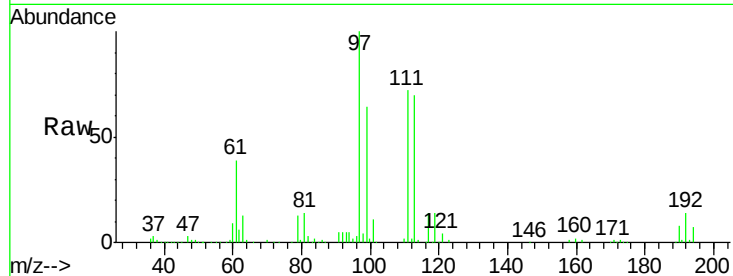
#35
 Dibromofluoromethane
 Concen: 51.931 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.2	121.8
192	21.4	18.6	27.8

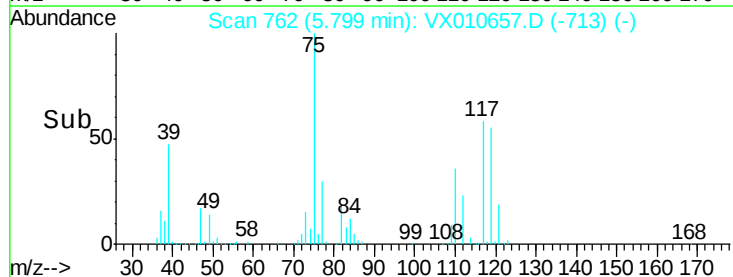
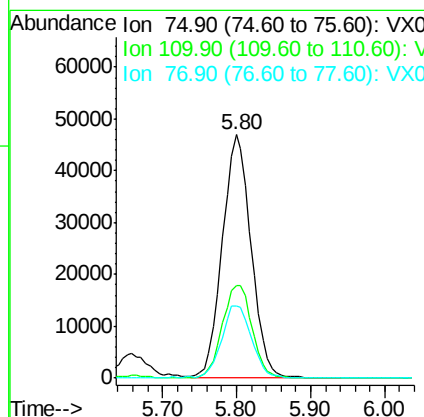
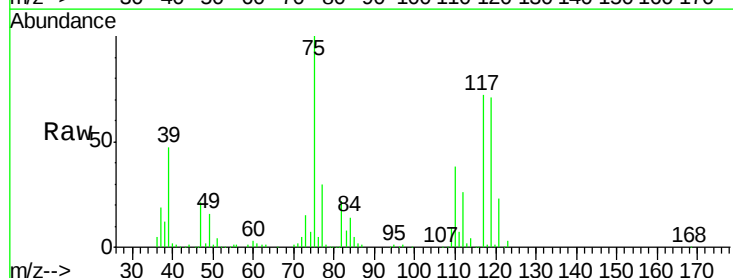
Manual Integrations
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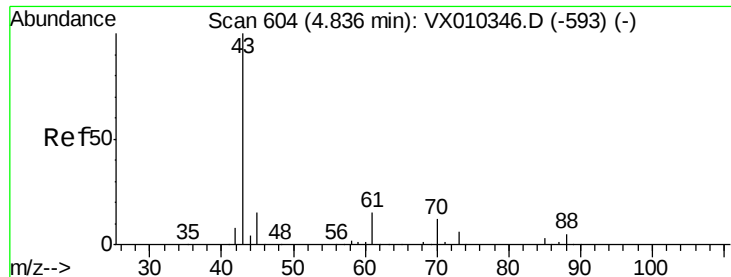
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 51.264 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	20.8	62.2
77	31.4	25.4	38.0





#37

Ethyl Acetate

Concen: 54.817 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

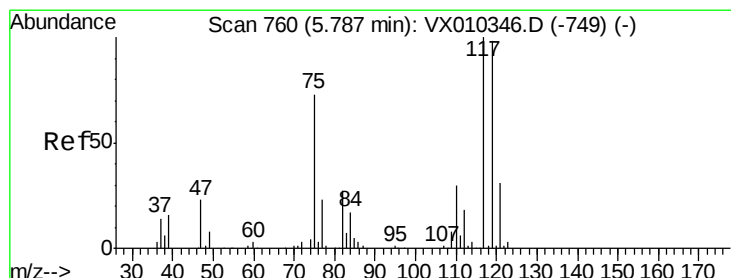
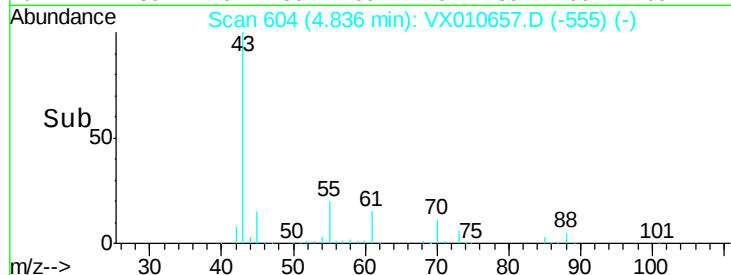
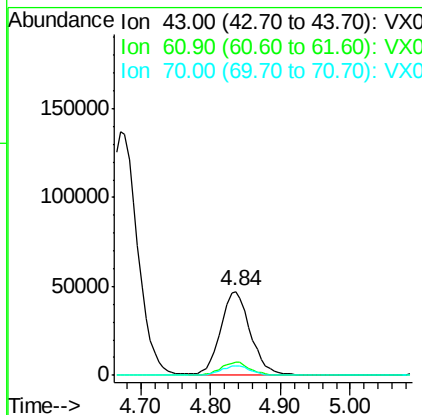
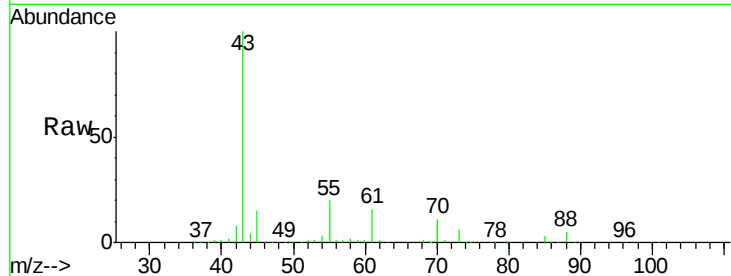
ClientSampleId :

SP19-JMW0991MSD

Tot Ion:	43	Resp:	139061
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.4	18.6
70	11.3	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 49.783 ug/l

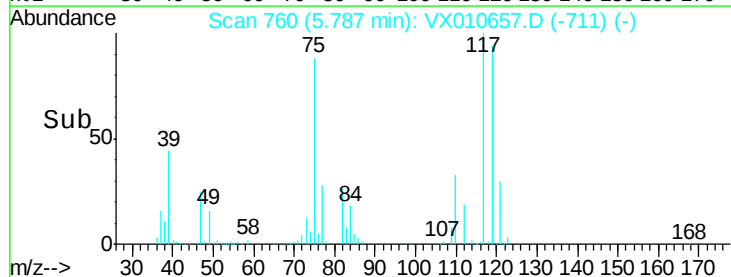
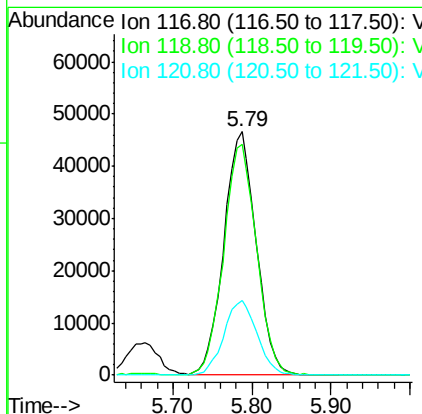
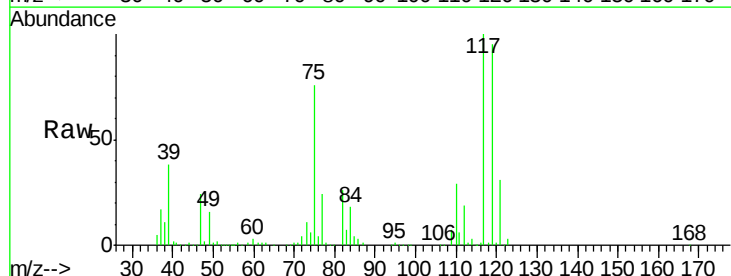
RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion:	117	Resp:	132934
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.4
121	30.7	24.7	37.1





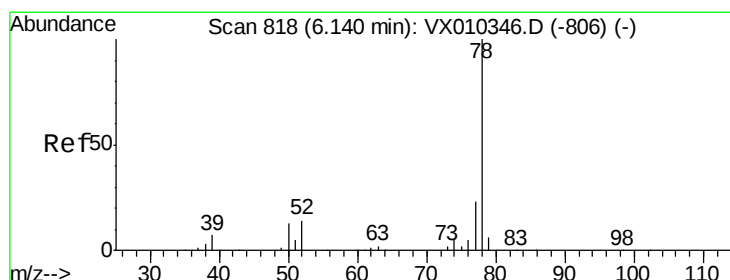
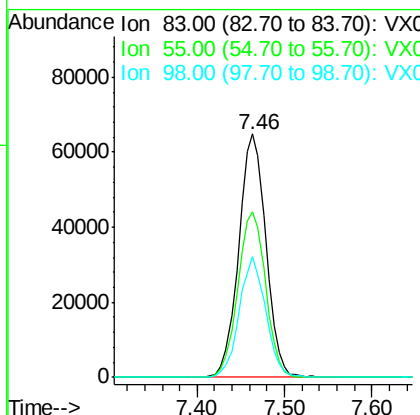
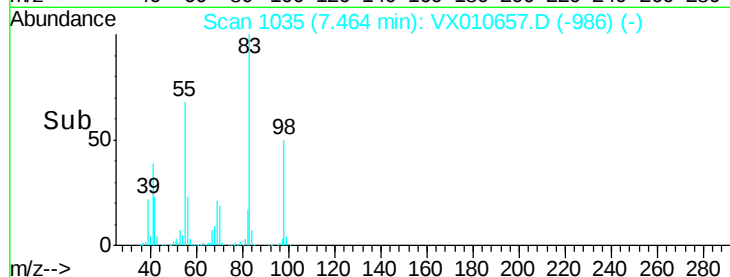
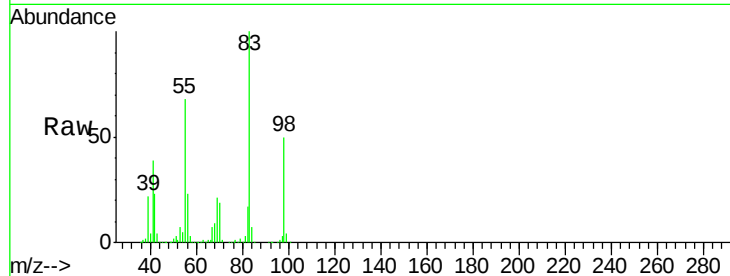
#39
Methvlcvclohexane
Concen: 43.148 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	53.0	79.6
98	49.7	37.8	56.8

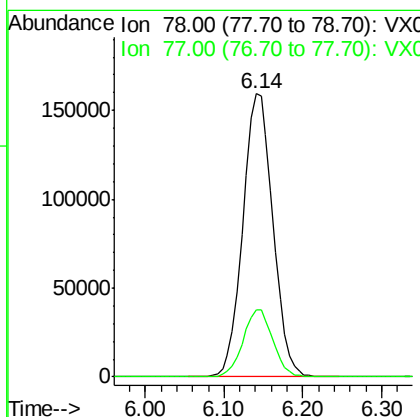
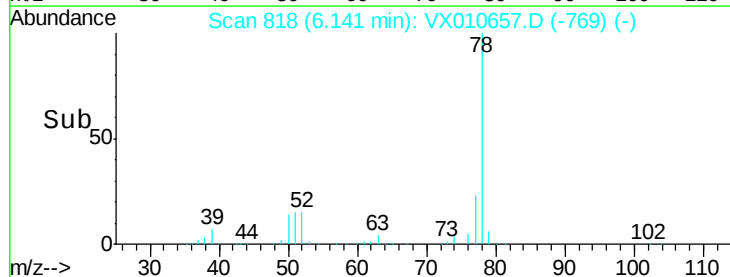
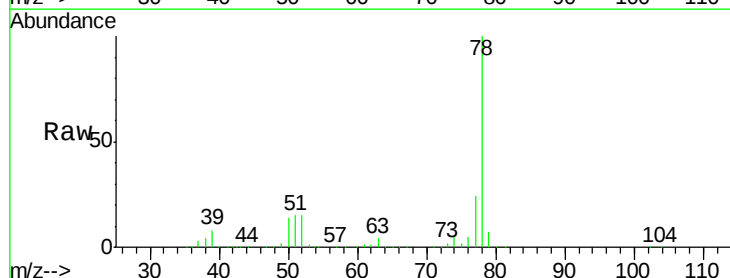
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#40
Benzene
Concen: 54.932 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





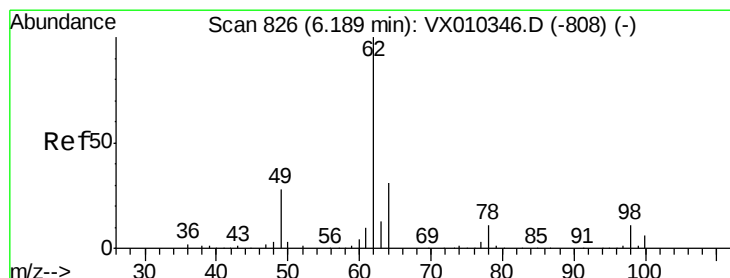
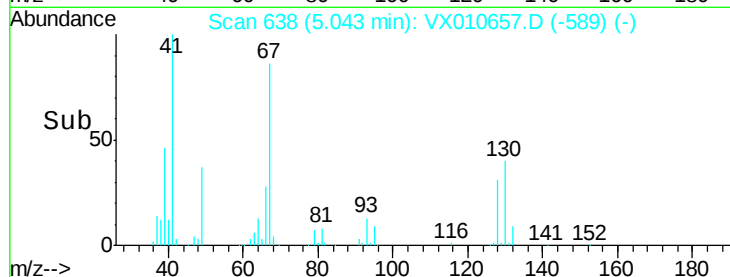
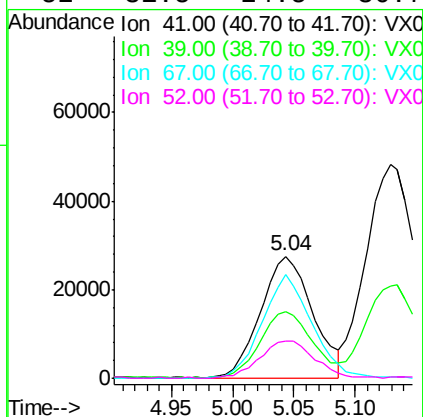
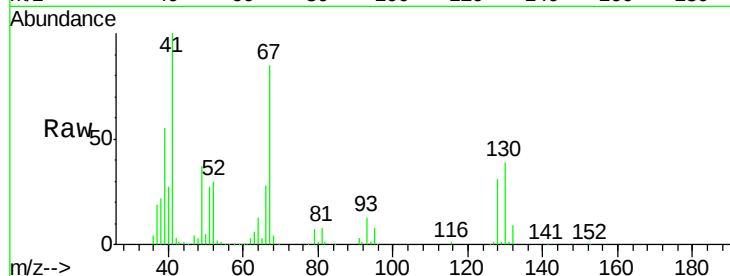
#41
Methacrylonitrile
Concen: 58.326 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		81185		
39	54.5	43.8	65.8		
67	81.6	66.6	100.0		
52	31.5	24.5	36.7		

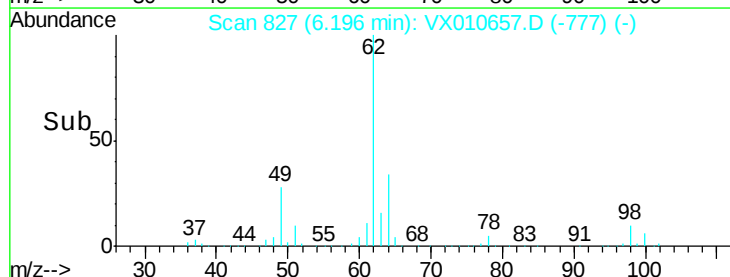
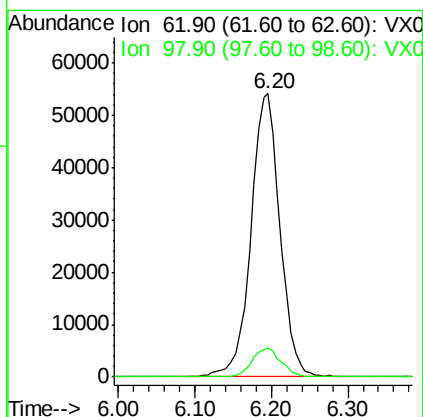
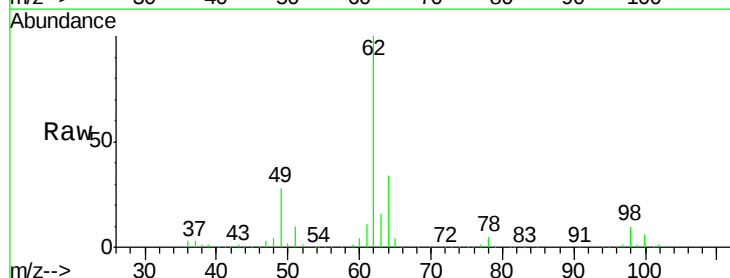
Manual Integrations
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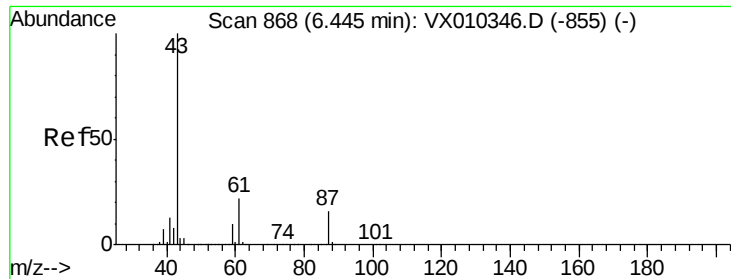
MMDadoda
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#42
1,2-Dichloroethane
Concen: 61.141 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		142982		
98	10.0	0.0	22.2		





#43

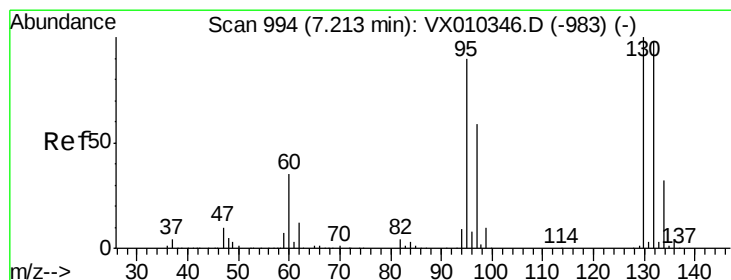
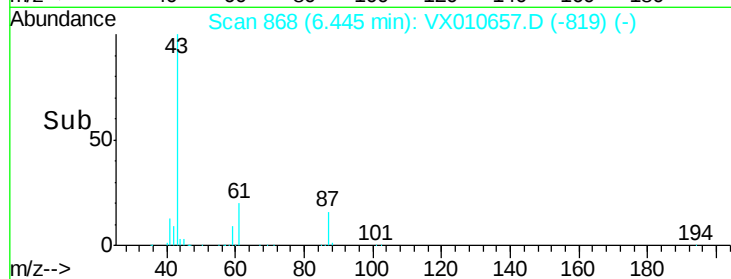
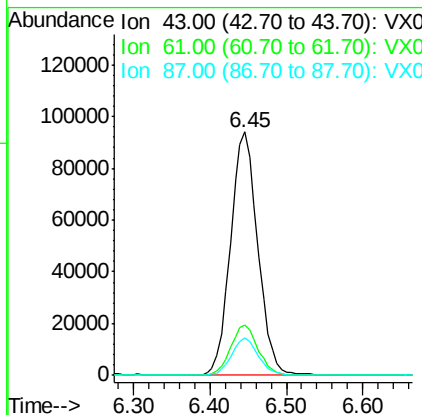
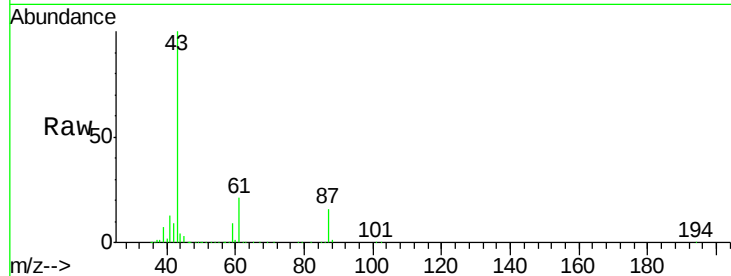
Isopropyl Acetate
 Concen: 55.017 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.8	26.6
87	15.3	13.0	19.4

Manual Integrations
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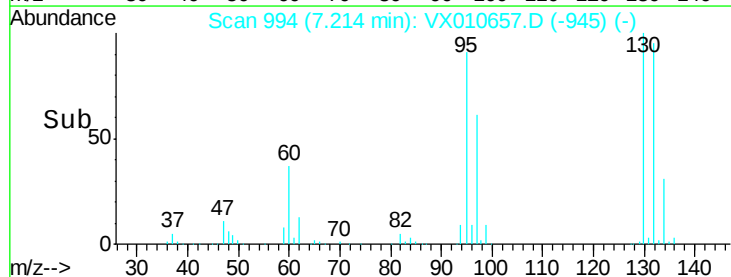
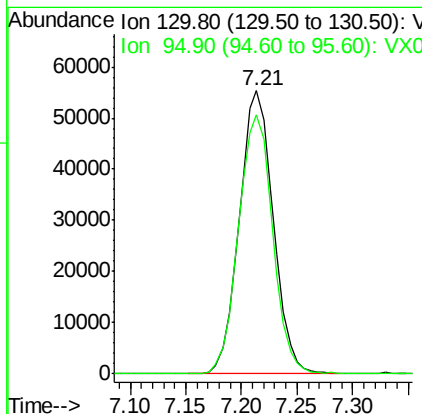
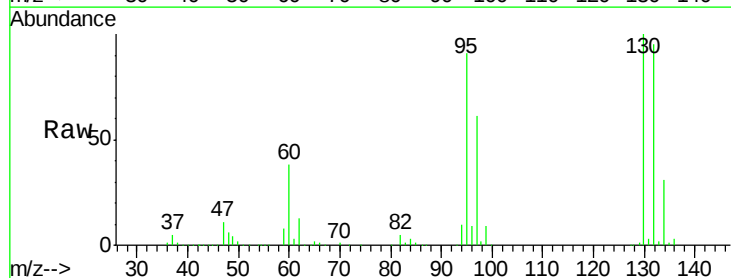
MMDadoda
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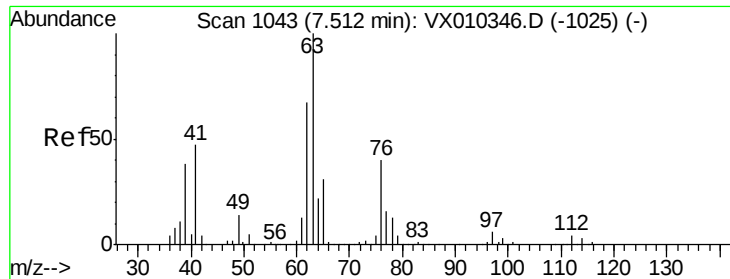


#44

Trichloroethene
 Concen: 50.995 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	180.8





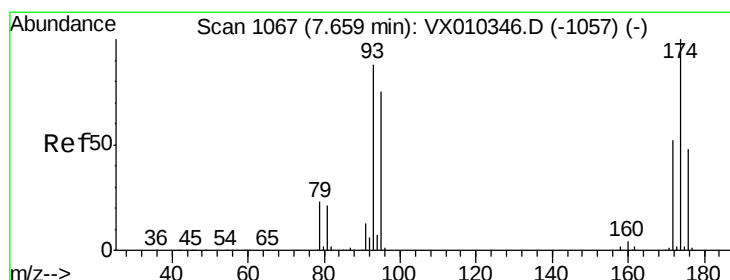
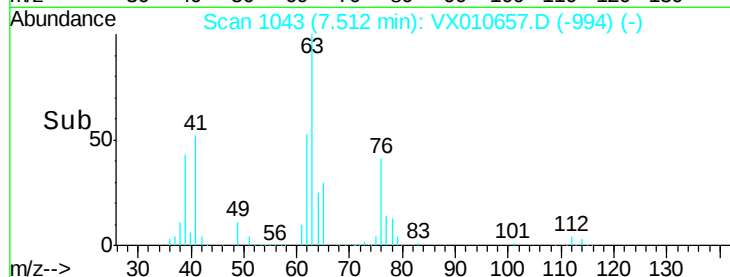
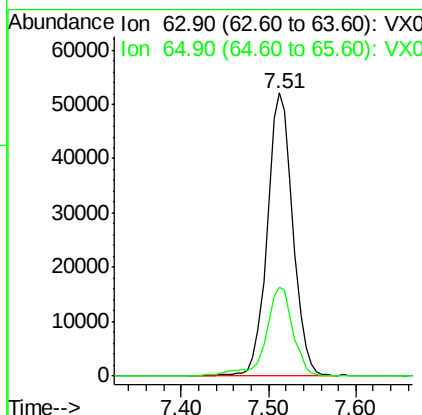
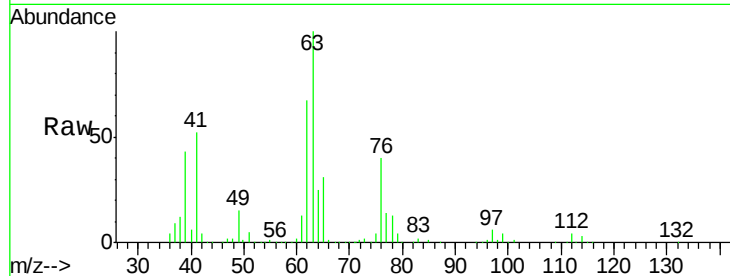
#45
 1,2-Dichloropropane
 Concen: 55.145 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion: 63 Resp: 106984
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.8 37.2

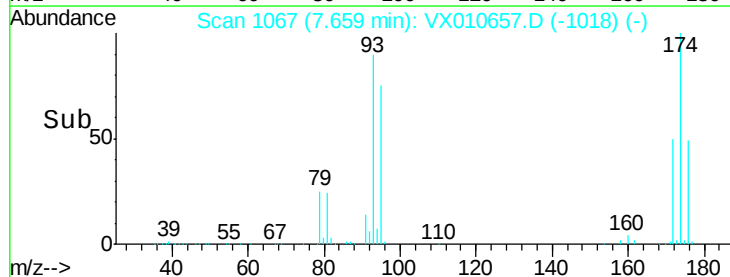
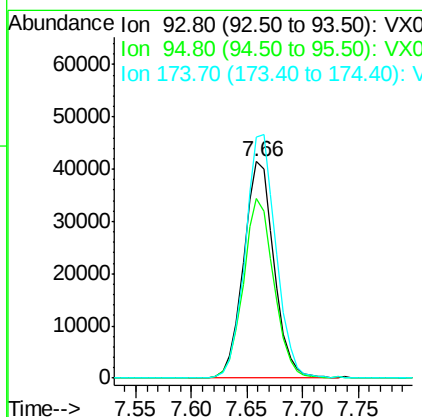
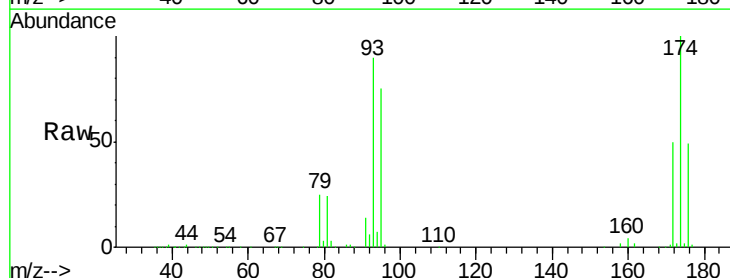
Manual Integrations
 APPROVED

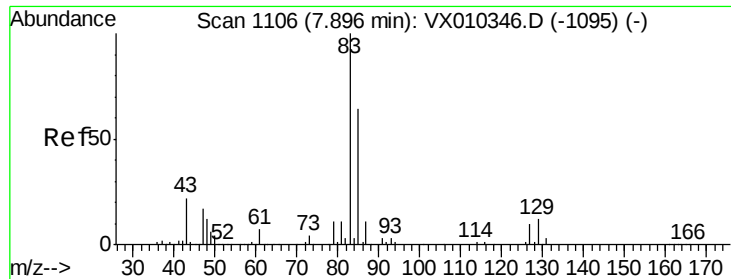
MMDadoda
 7/8/2019 2:40:55 PM



#46
 Dibromomethane
 Concen: 56.678 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 93 Resp: 78893
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 113.5 95.8 143.6





#47

Bromodichloromethane

Concen: 54.803 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

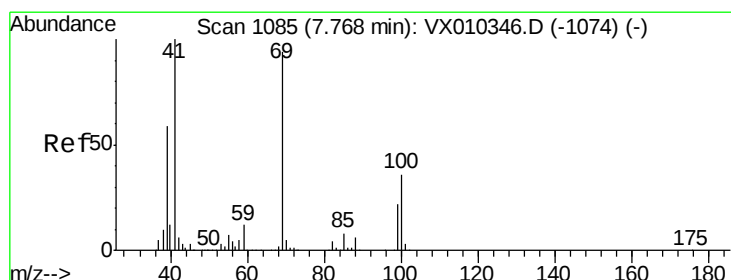
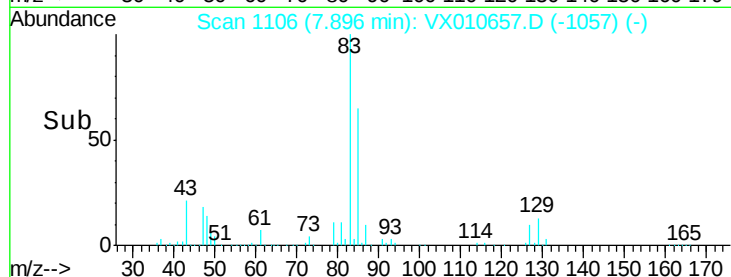
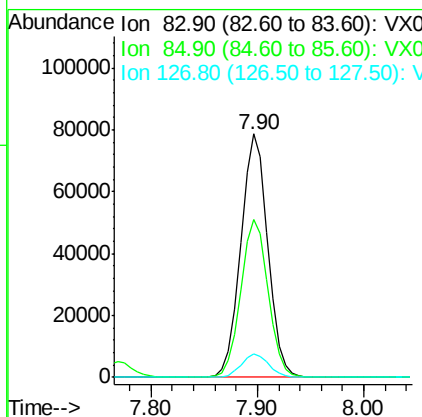
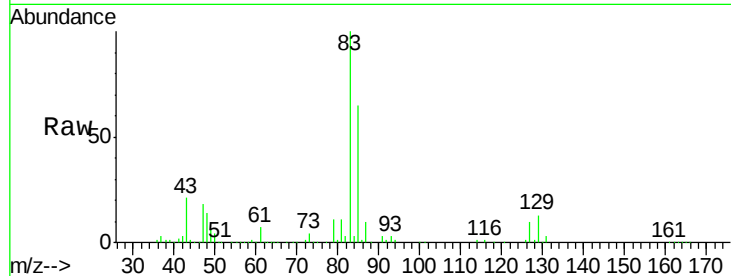
ClientSampleId :

SP19-JMW0991MSD

Tot Ion:	83	Resp:	139798
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.5	77.3
127	9.8	7.8	11.8

Manual Integrations
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7/8/2019 2:40:55 PM



#48

Methyl methacrylate

Concen: 60.208 ug/l

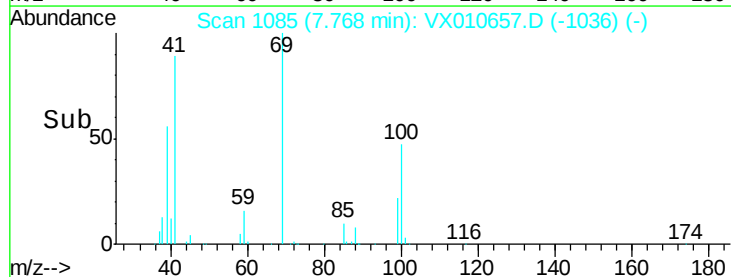
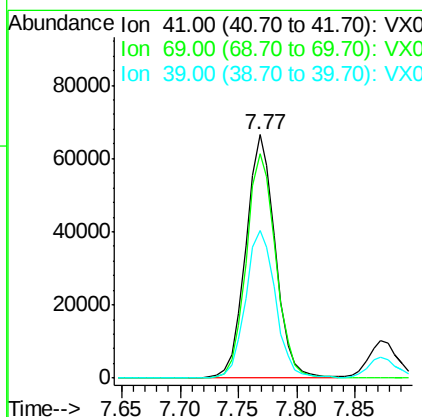
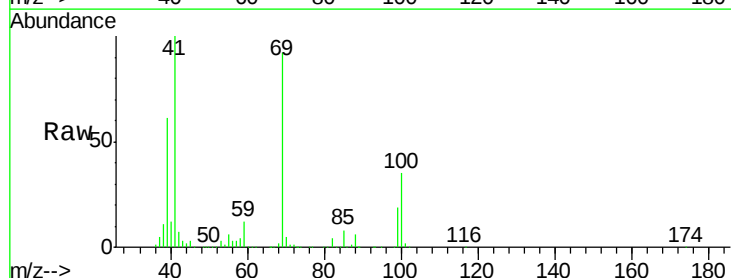
RT: 7.77 min Scan# 1085

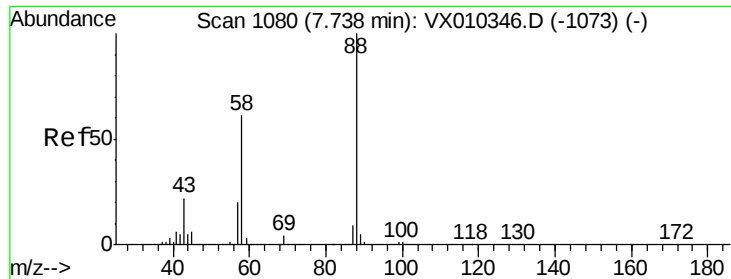
Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion:	41	Resp:	117461
Ion Ratio	Lower	Upper	
41	100		
69	92.6	76.1	114.1
39	61.3	47.6	71.4





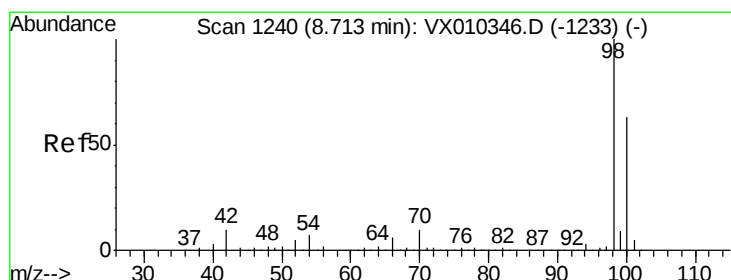
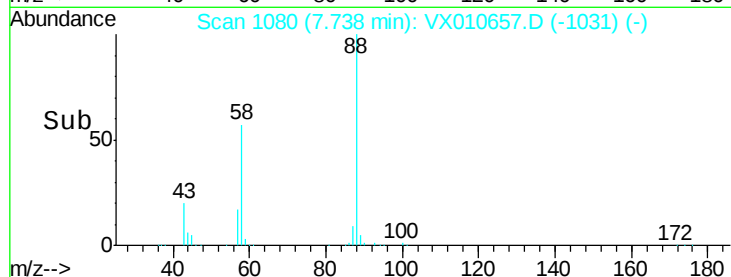
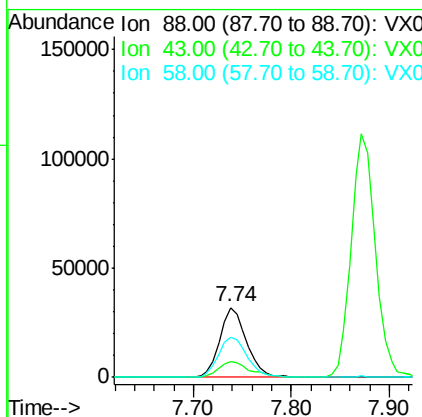
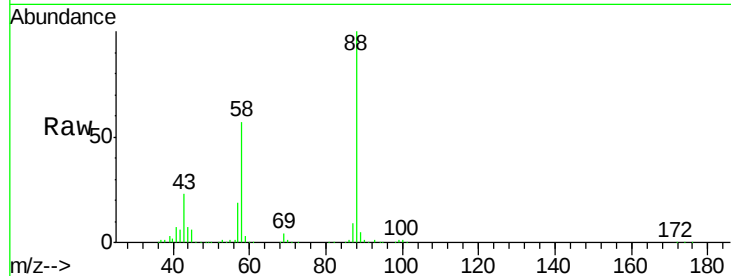
#49
 1,4-Dioxane
 Concen: 1076.628 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.2	20.2	30.2
58	62.5	49.5	74.3

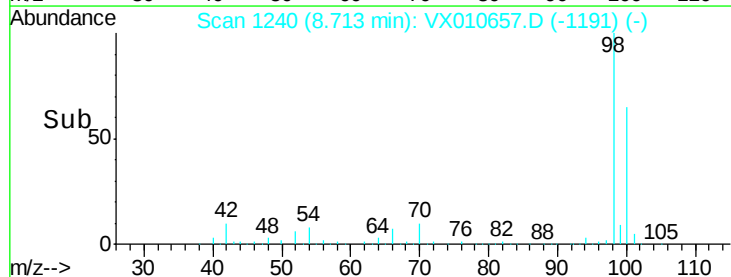
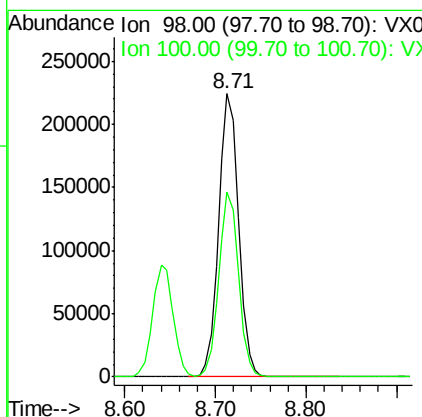
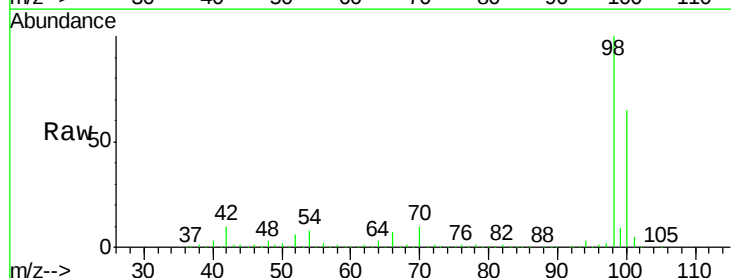
Manual Integrations
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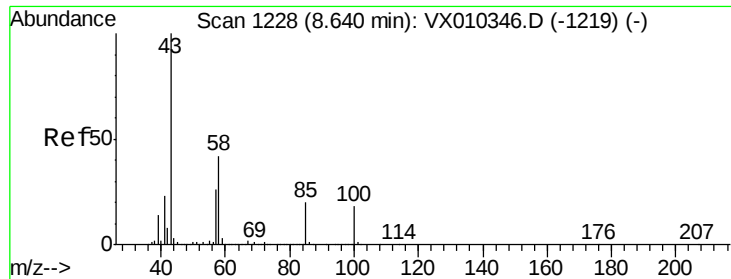
MMDadoda
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#50
 Toluene-d8
 Concen: 47.354 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4





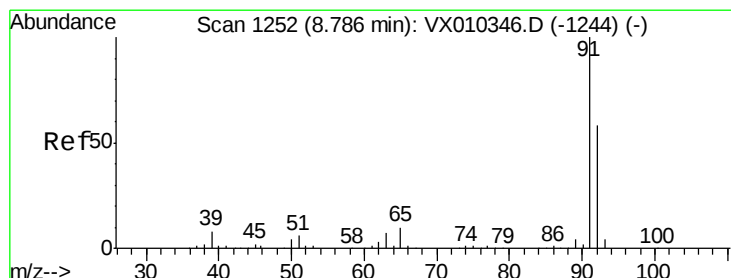
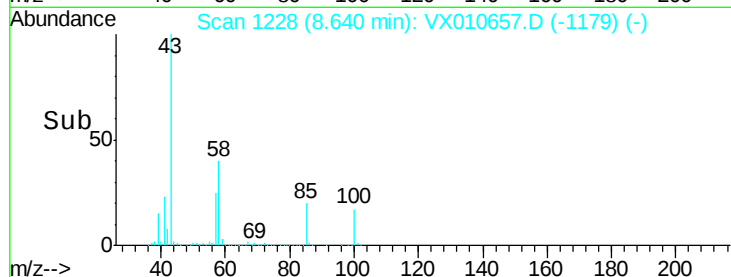
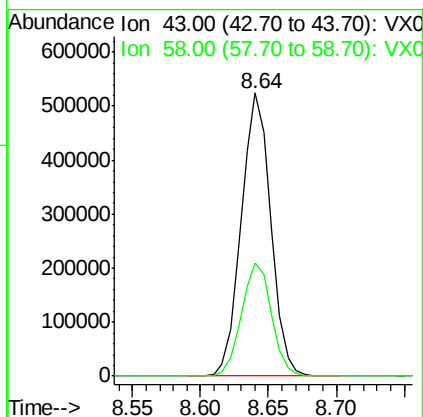
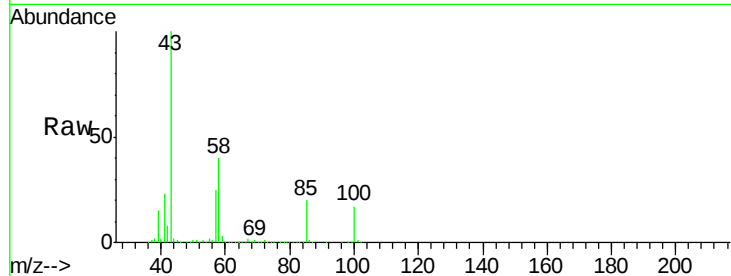
#51
4-Methyl-2-Pentanone
Concen: 295.953 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	33.5	50.3

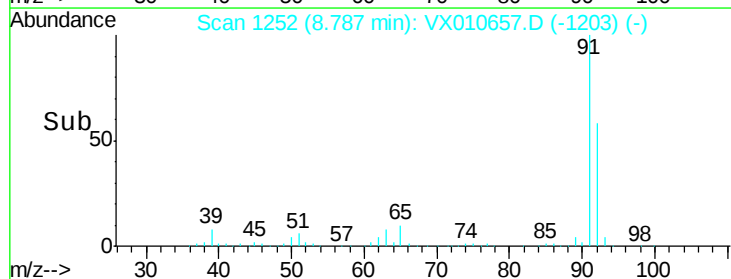
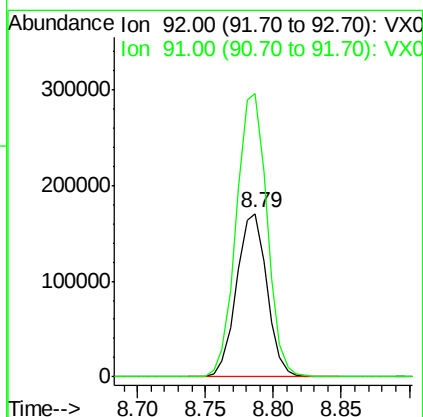
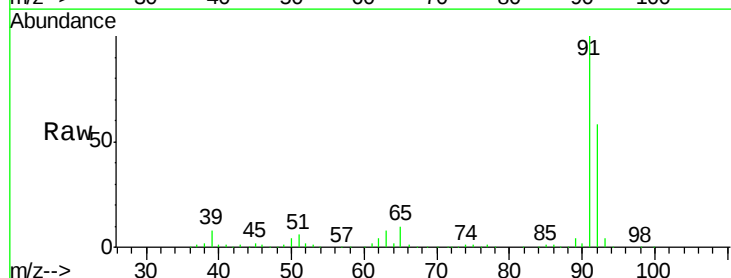
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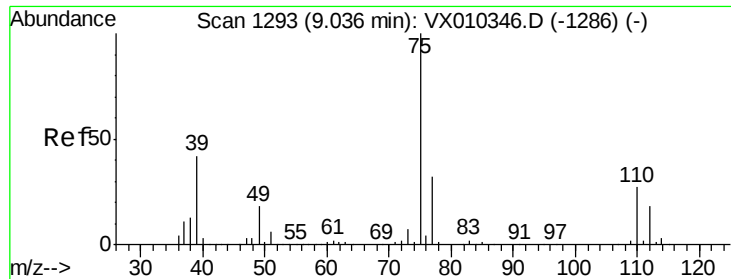
MMDadoda
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#52
Toluene
Concen: 52.370 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.8	209.6





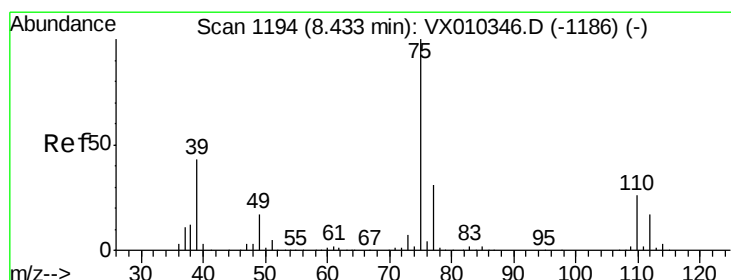
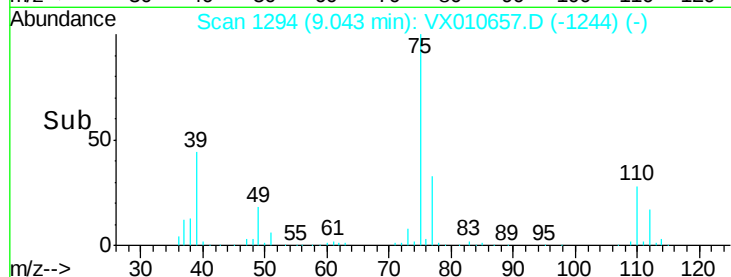
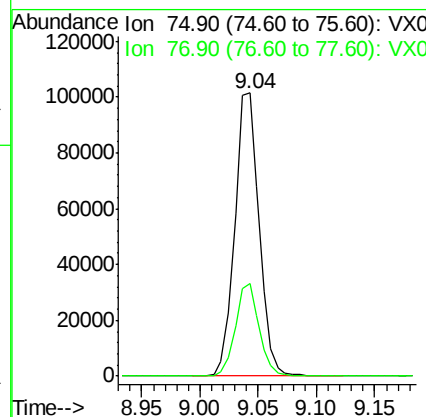
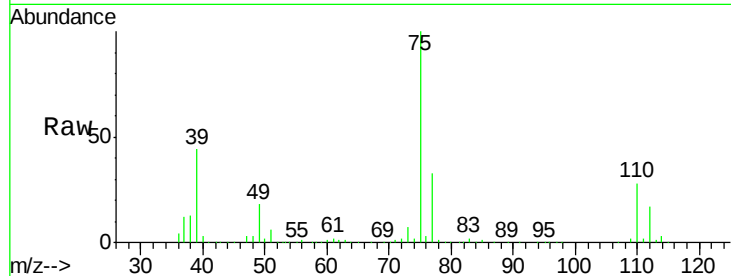
#53
t-1,3-Dichloropropene
Concen: 51.647 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion: 75 Resp: 147707
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

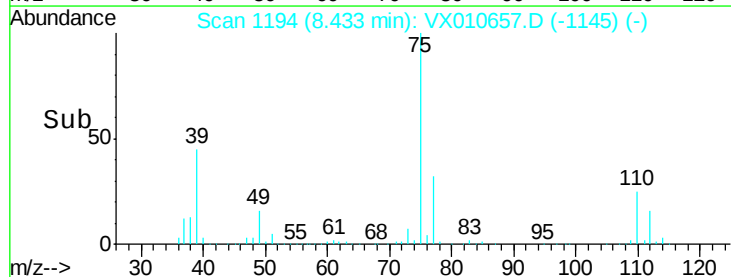
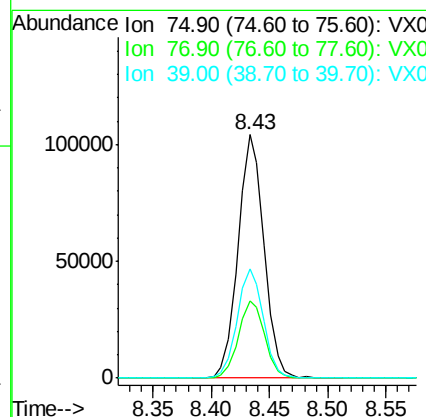
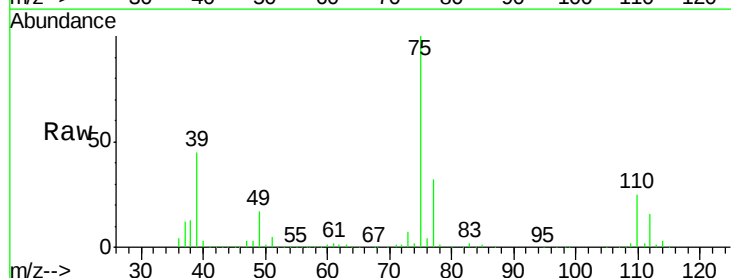
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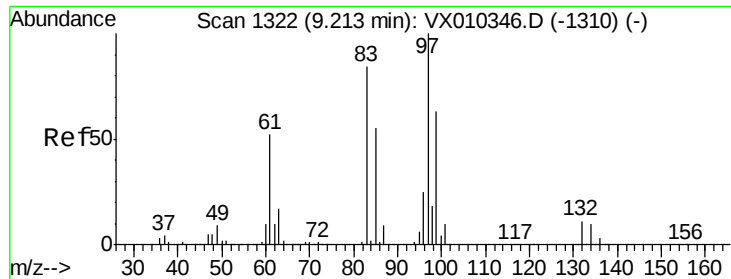
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#54
cis-1,3-Dichloropropene
Concen: 52.049 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 75 Resp: 161765
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 44.7 34.5 51.7





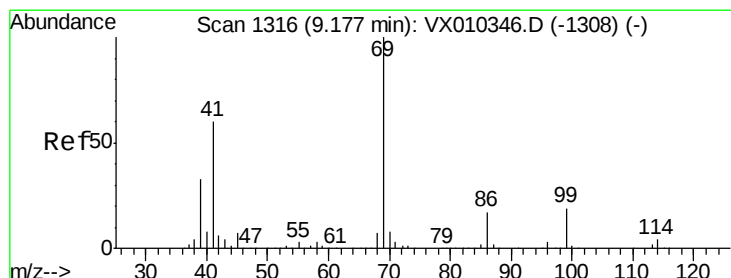
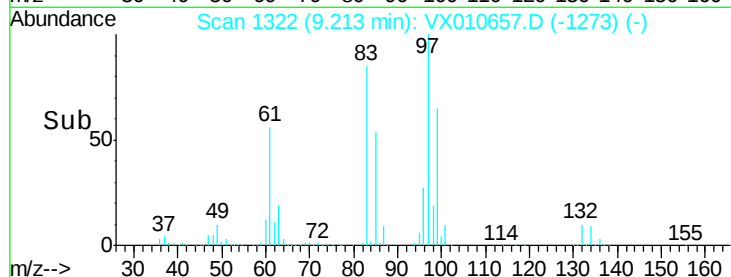
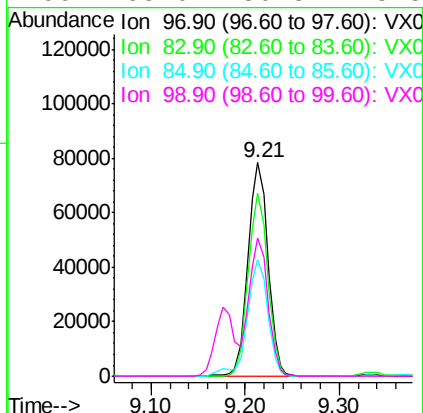
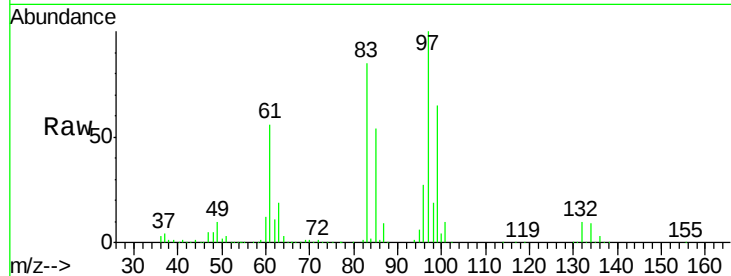
#55
 1,1,2-Trichloroethane
 Concen: 55.729 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion:	97	Resp:	116281
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.4	101.0
85	54.3	43.8	65.8
99	65.0	50.3	75.5

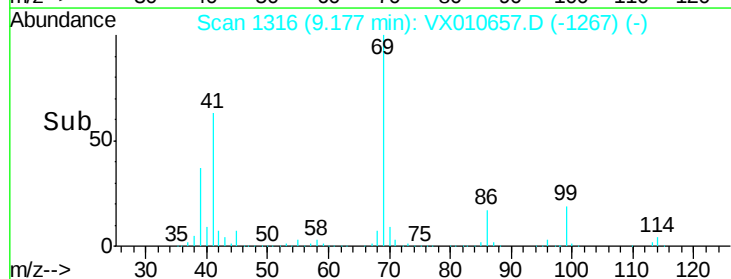
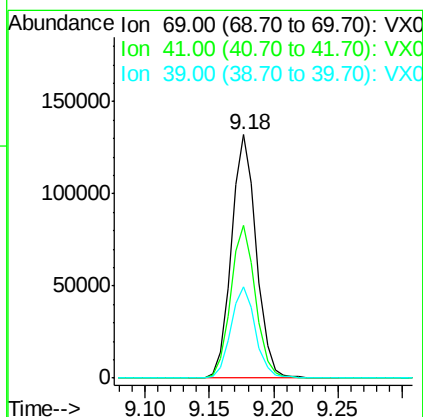
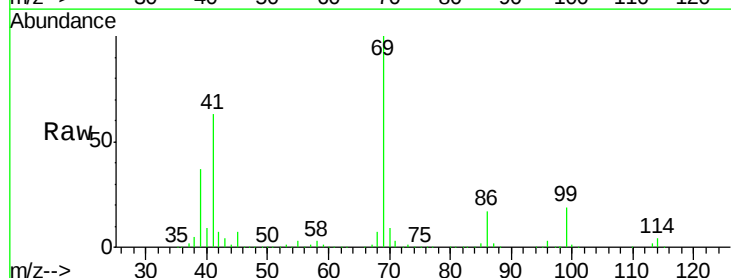
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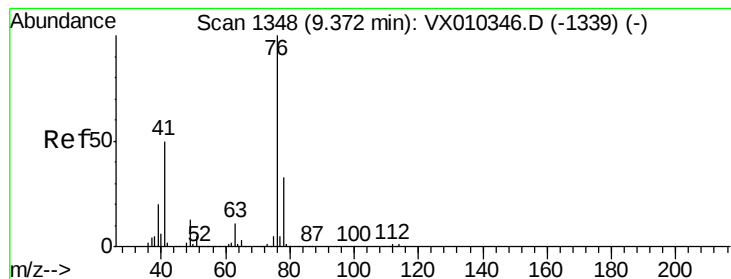
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 7/8/2019 2:40:55 PM



#56
 Ethyl methacrylate
 Concen: 56.291 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion:	69	Resp:	177925
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.1	70.7
39	37.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 56.963 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 76 Resp: 184498

Ion Ratio Lower Upper

76 100

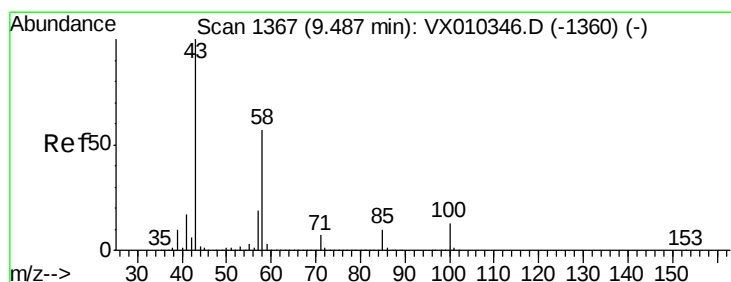
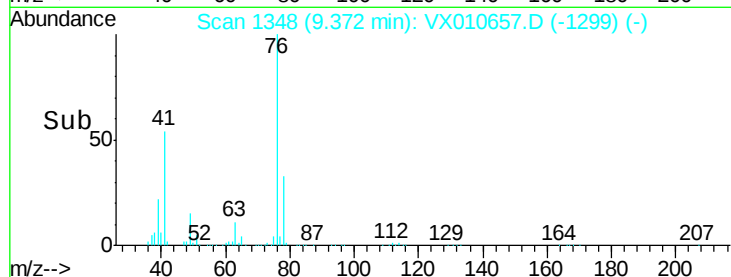
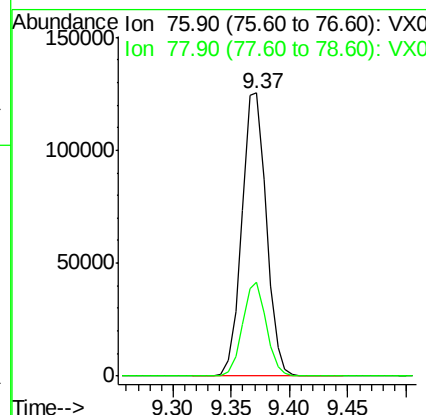
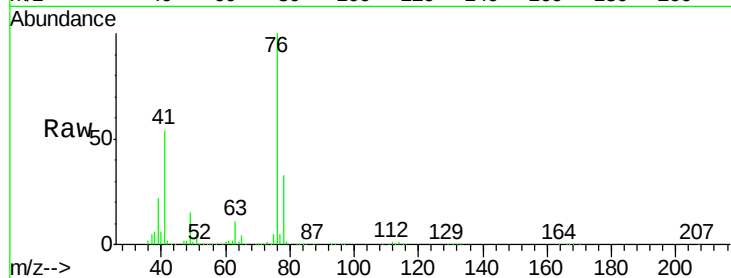
78 32.3 26.1 39.1

Manual Integrations

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#59

2-Hexanone

Concen: 289.430 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010657.D

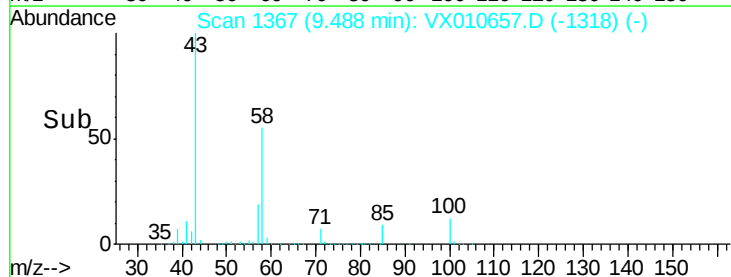
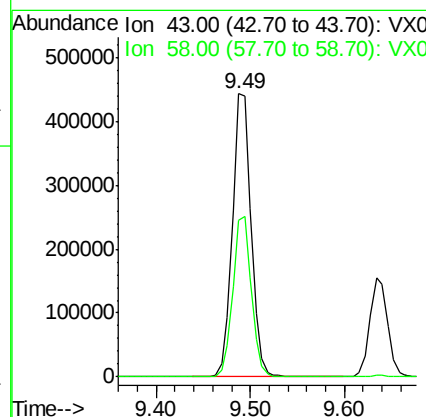
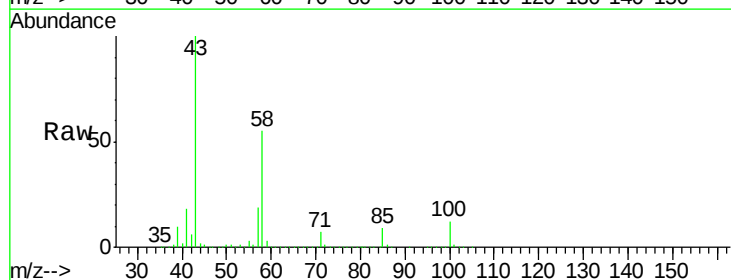
Acq: 03 Jul 2019 21:52

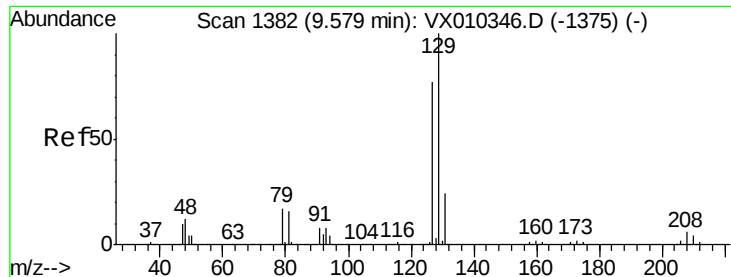
Tgt Ion: 43 Resp: 611471

Ion Ratio Lower Upper

43 100

58 56.3 29.0 87.1





#60

Dibromochloromethane

Concen: 53.401 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:129 Resp: 124757

Ion Ratio Lower Upper

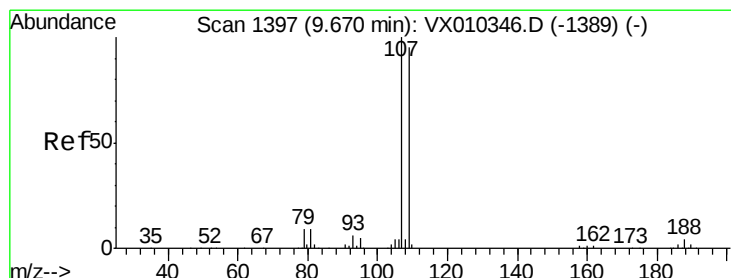
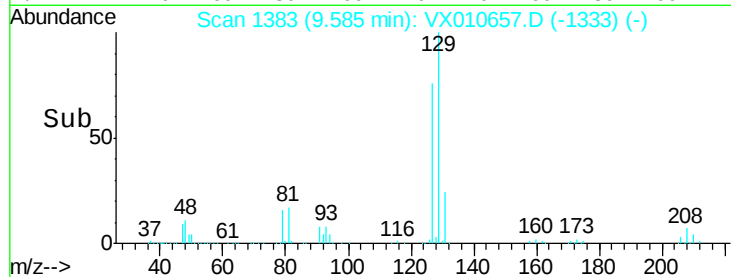
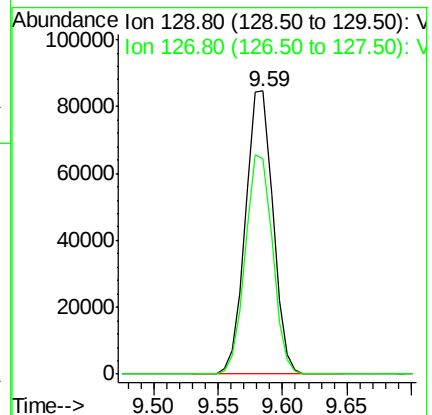
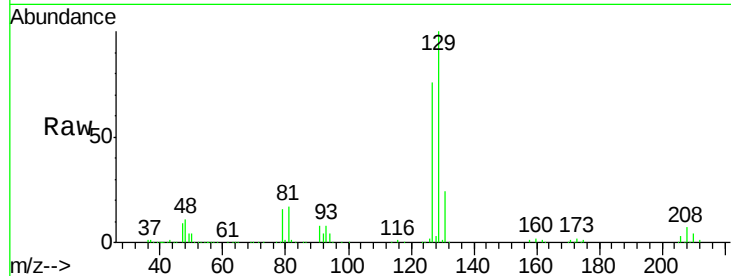
129 100

127 77.1 38.4 115.1

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 56.845 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010657.D

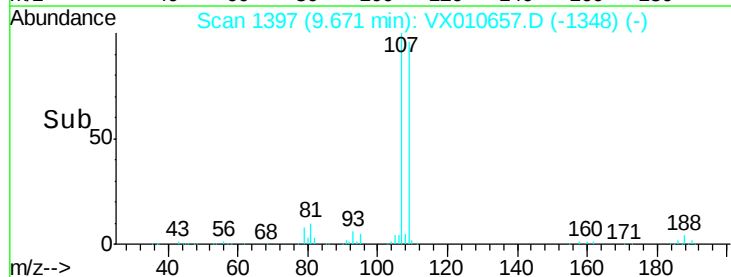
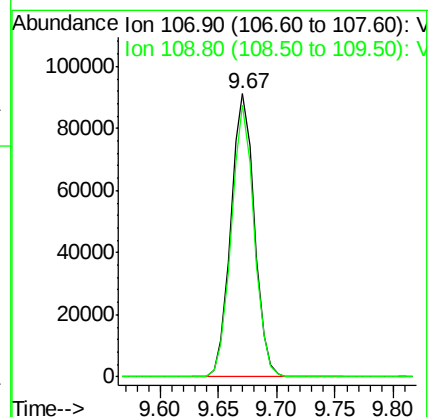
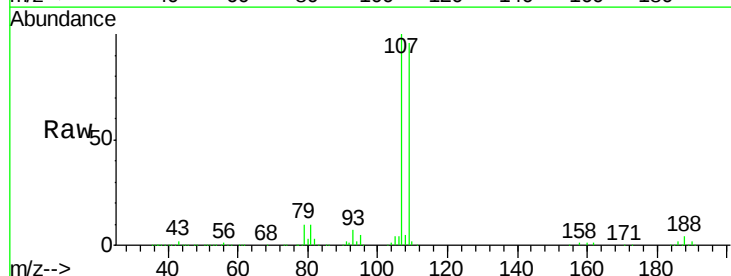
Acq: 03 Jul 2019 21:52

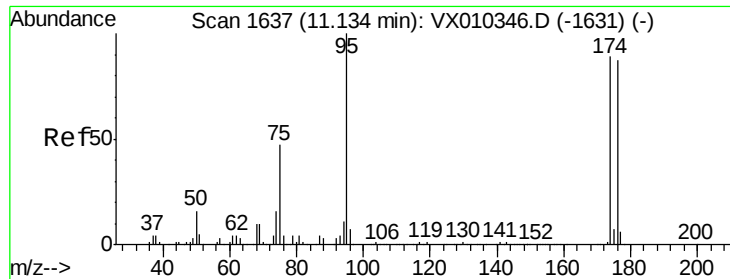
Tgt Ion:107 Resp: 128025

Ion Ratio Lower Upper

107 100

109 93.3 75.8 113.6





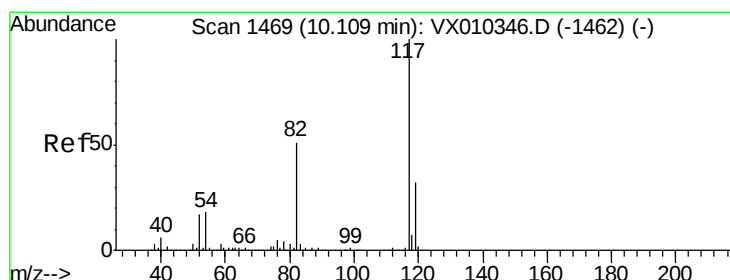
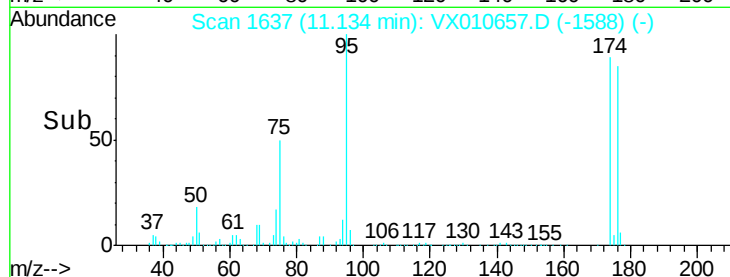
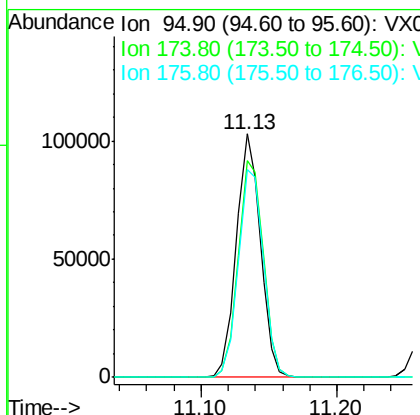
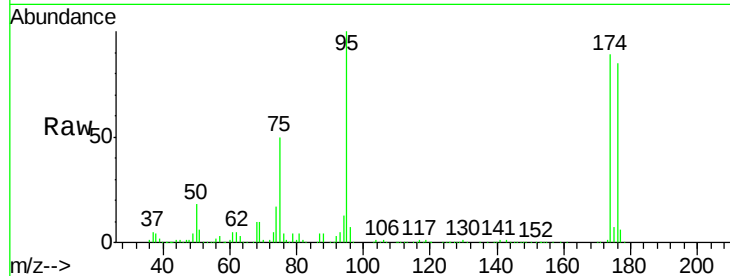
#62
4-Bromofluorobenzene
Concen: 48.390 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126899		
174	92.7	0.0	187.6	
176	89.3	0.0	184.0	

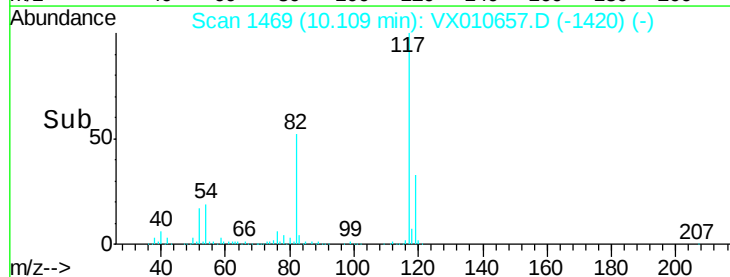
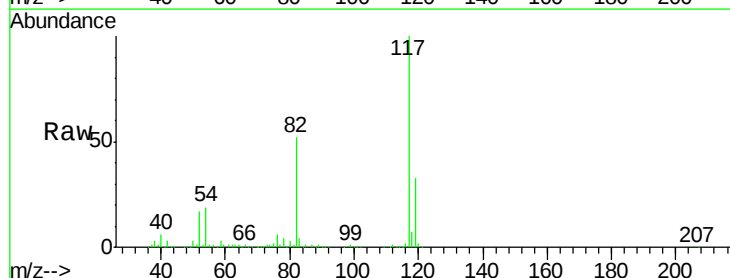
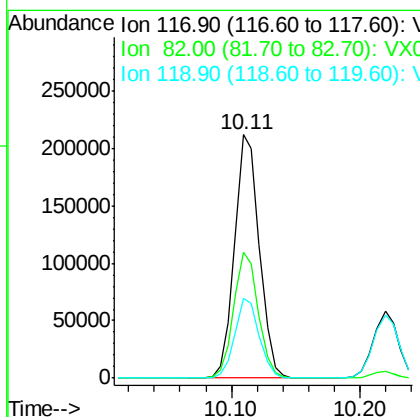
Manual Integrations
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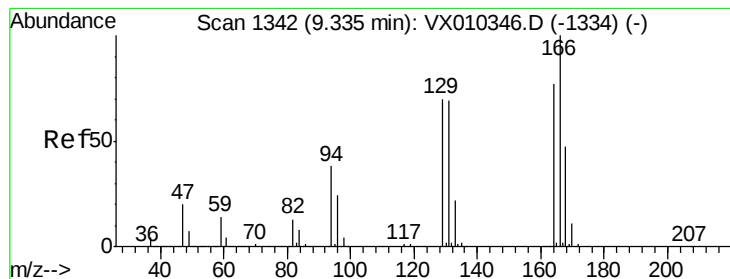
MMDadoda
7/8/2019 2:40:55 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	284488		
82	51.7	41.2	61.8	
119	32.7	25.5	38.3	





#64

Tetrachloroethene

Concen: 45.263 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:164 Resp: 104152

Ion Ratio Lower Upper

164 100

166 131.6 103.6 155.4

129 90.3 73.0 109.4

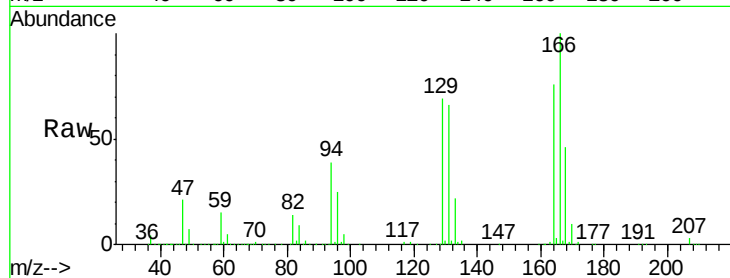
131 87.0 71.0 106.4

Manual Integrations

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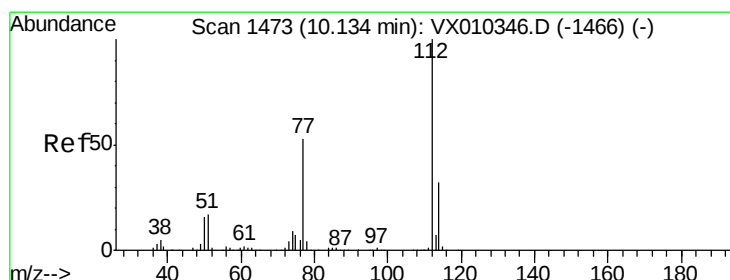
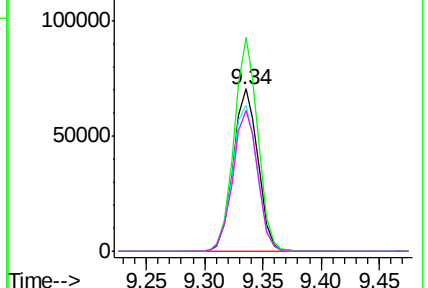
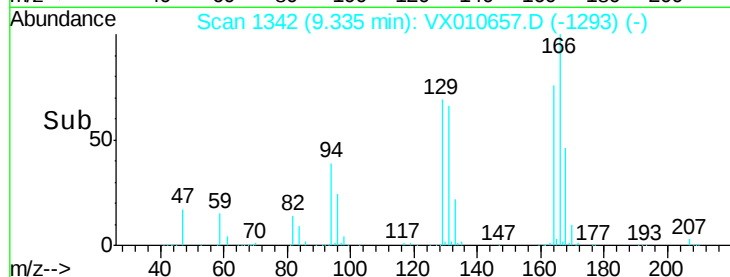


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 52.462 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010657.D

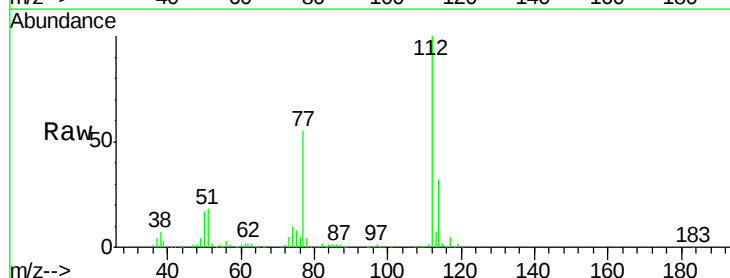
Acq: 03 Jul 2019 21:52

Tgt Ion:112 Resp: 303001

Ion Ratio Lower Upper

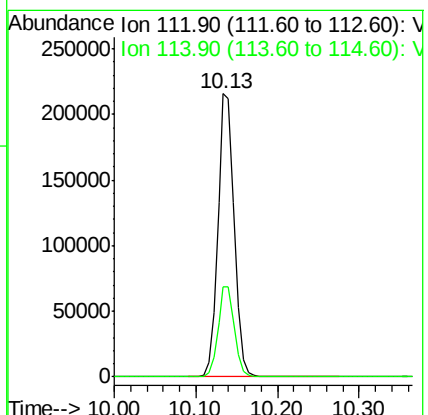
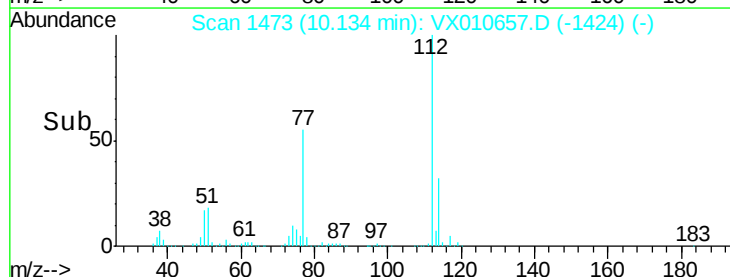
112 100

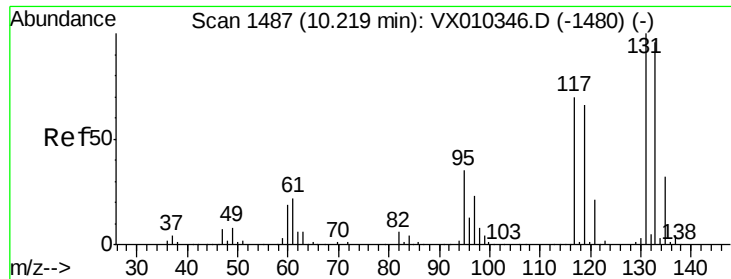
114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.631 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:131 Resp: 112829

Ion Ratio Lower Upper

131 100

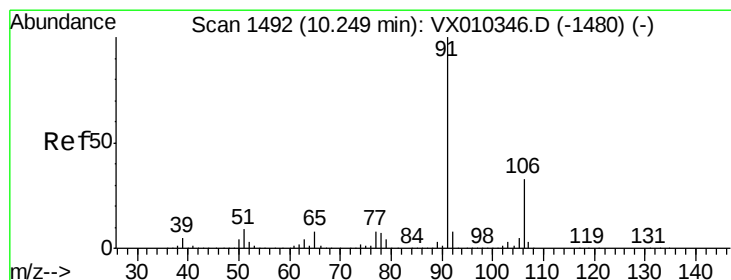
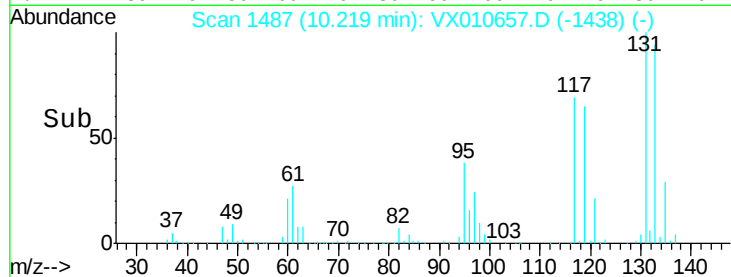
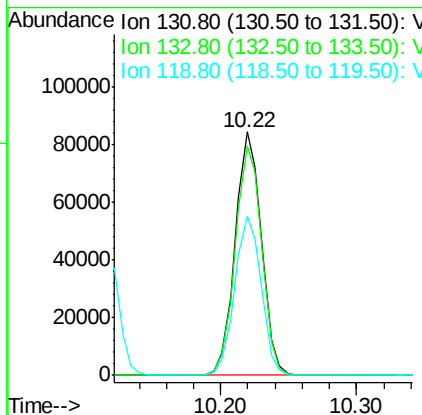
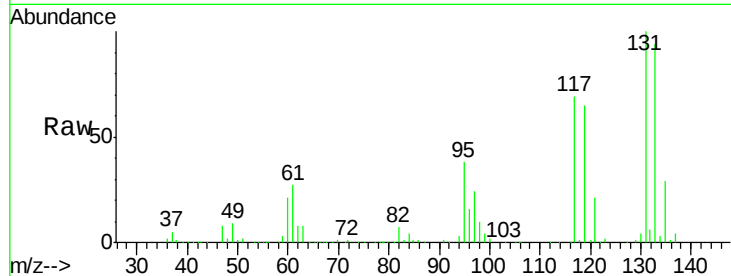
133 95.3 47.7 143.1

119 66.0 32.6 97.7

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#67

Ethyl Benzene

Concen: 51.299 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010657.D

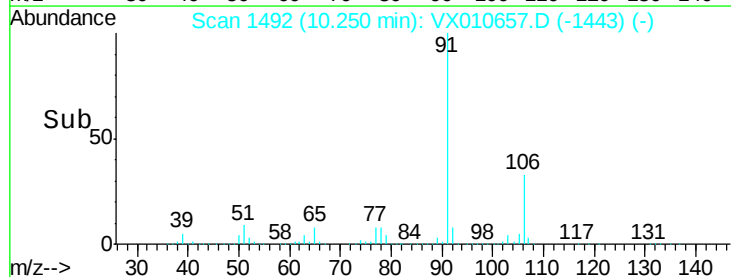
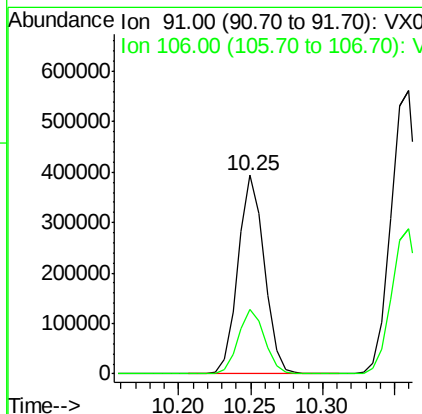
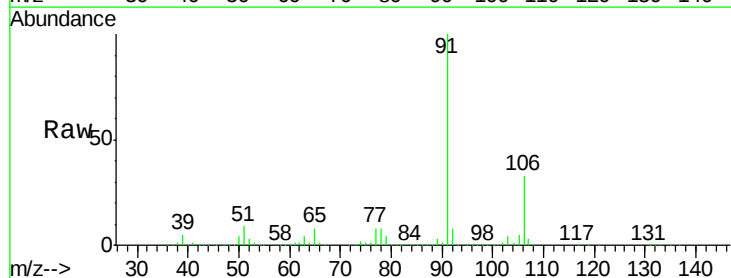
Acq: 03 Jul 2019 21:52

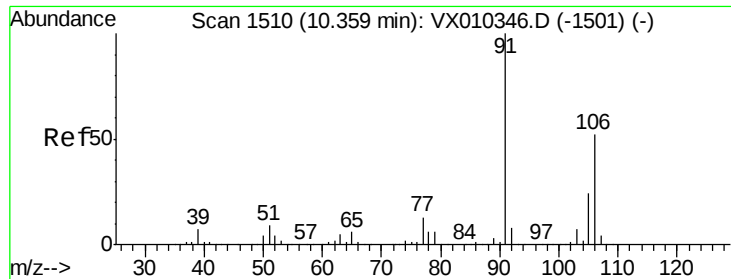
Tgt Ion: 91 Resp: 500191

Ion Ratio Lower Upper

91 100

106 32.8 26.2 39.2





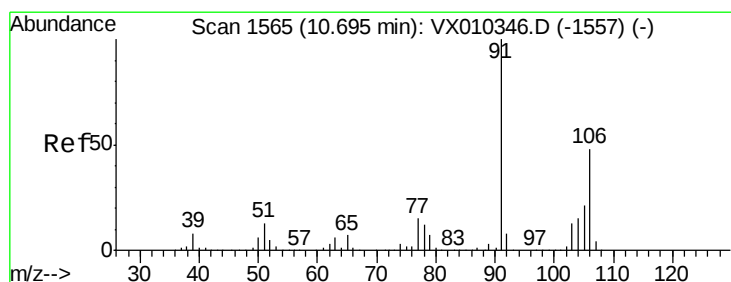
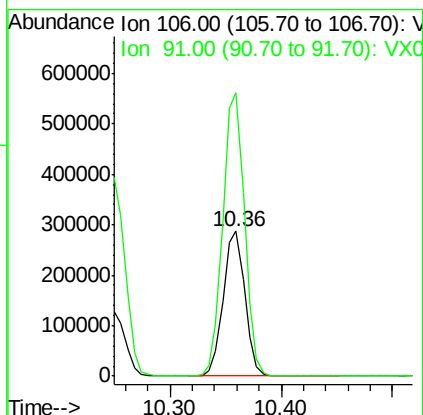
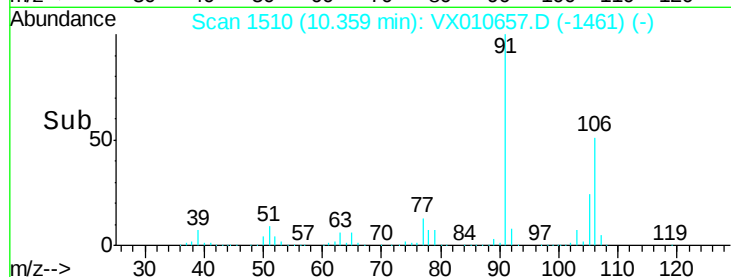
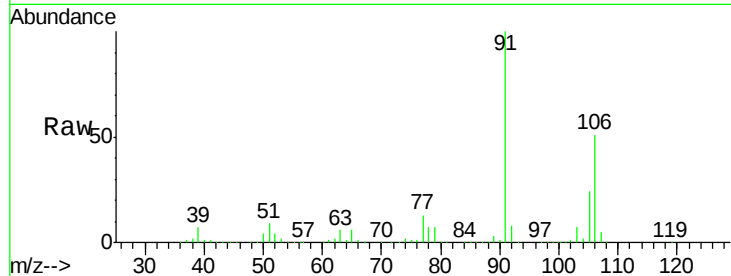
#68
m/p-Xvlenes
Concen: 102.696 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:106 Resp: 387996
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

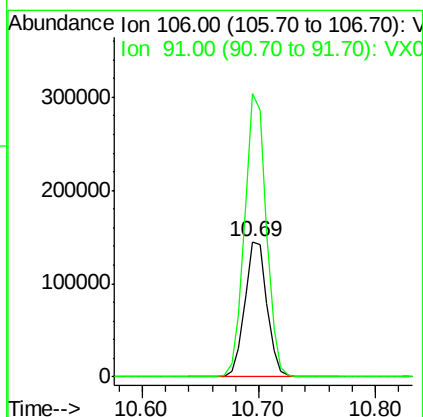
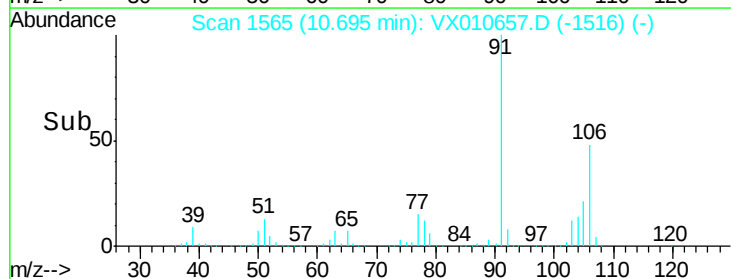
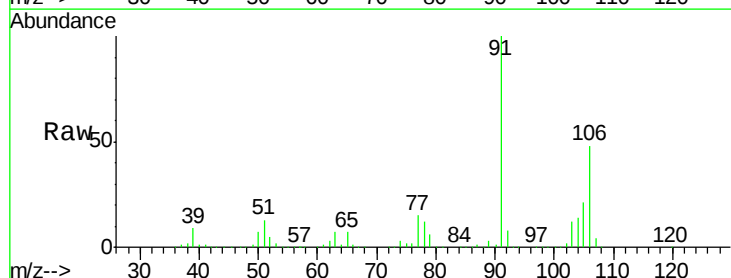
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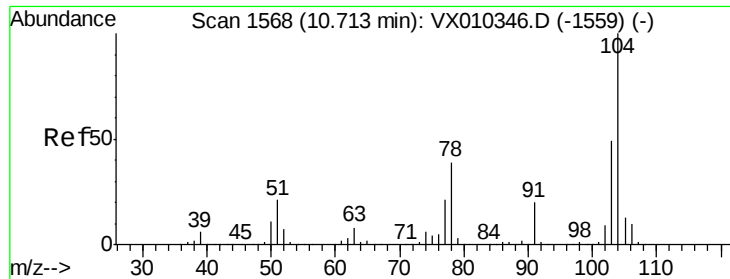
MMDadoda
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#69
o-Xylene
Concen: 52.049 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion:106 Resp: 193385
Ion Ratio Lower Upper
106 100
91 205.3 102.7 308.1





#70

Stvrene

Concen: 54.183 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:104 Resp: 337606

Ion Ratio Lower Upper

104 100

78 45.9 36.2 54.2

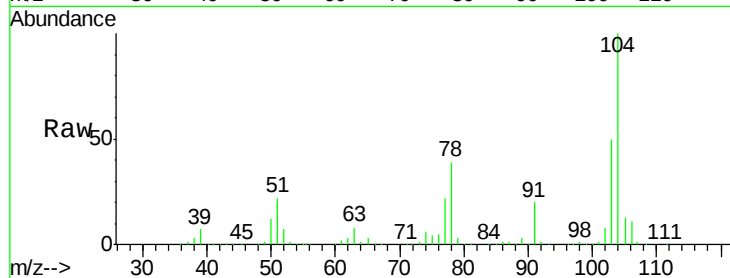
103 54.8 44.2 66.4

Manual Integrations

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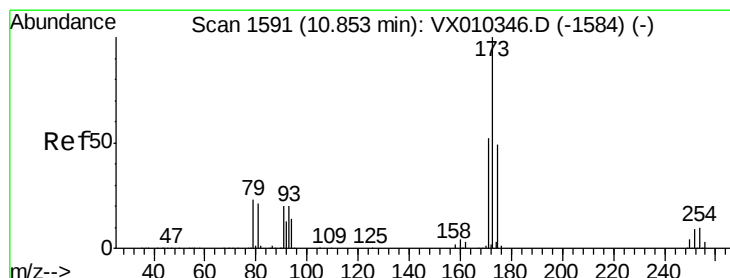
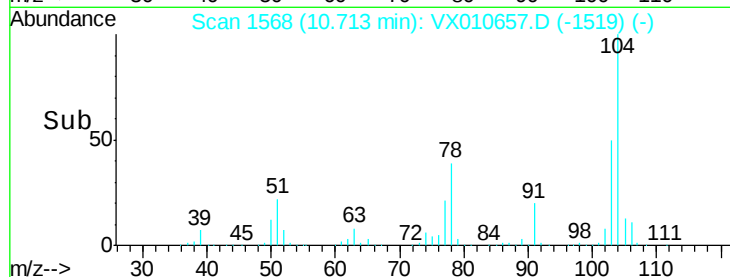
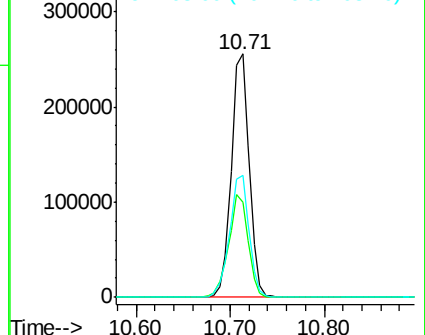
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.775 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

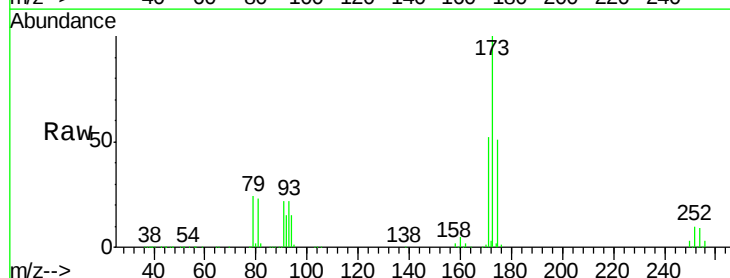
Tgt Ion:173 Resp: 94722

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

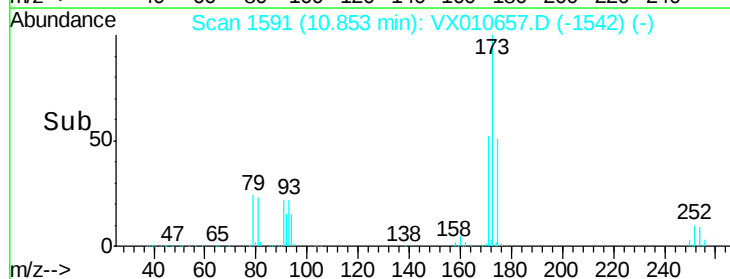
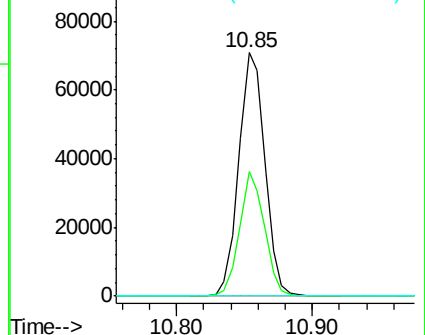
254 0.1 0.2 0.2#

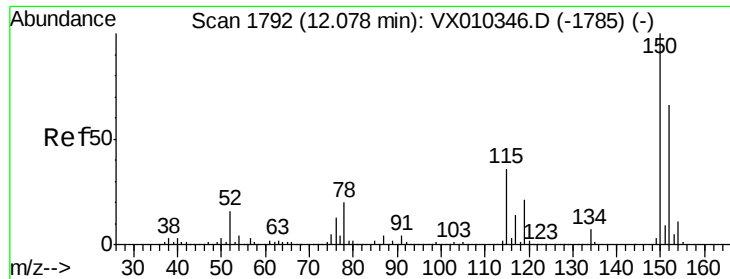


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:152 Resp: 145566

Ion Ratio Lower Upper

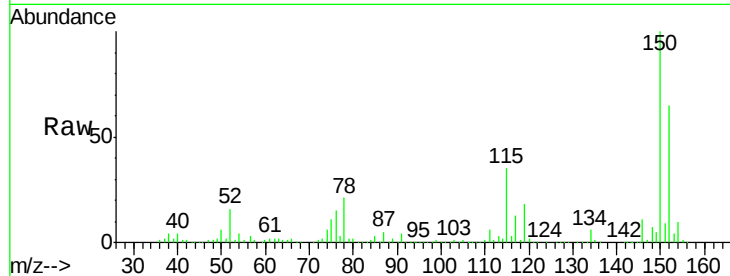
152 100

115 78.6 38.6 115.7

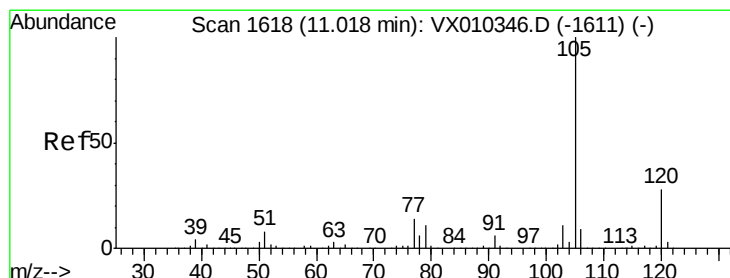
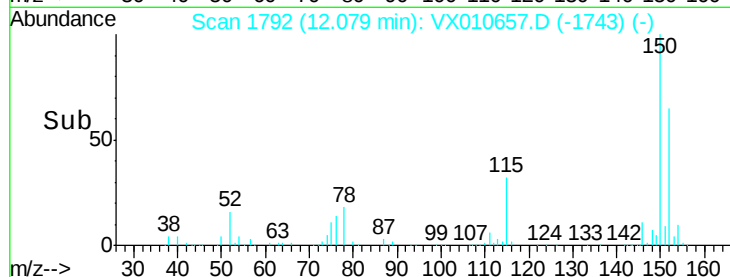
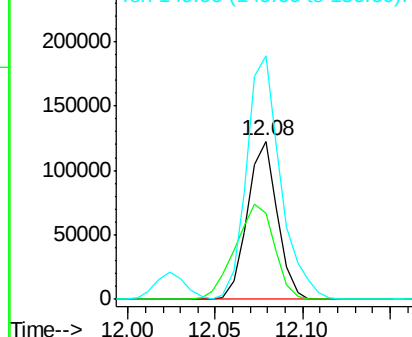
150 175.0 0.0 347.4

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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: 49.514 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010657.D

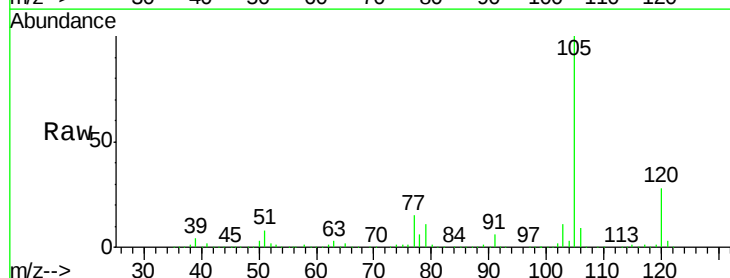
Acq: 03 Jul 2019 21:52

Tgt Ion:105 Resp: 488579

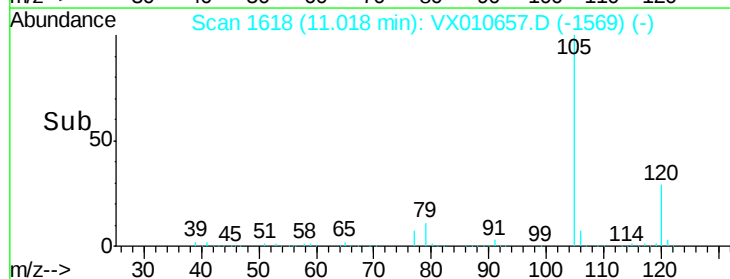
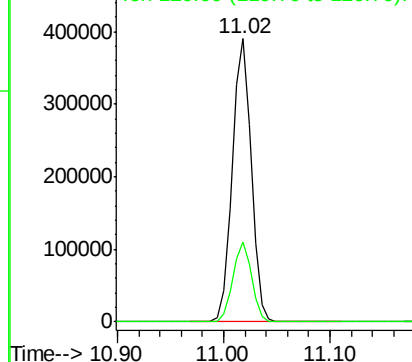
Ion Ratio Lower Upper

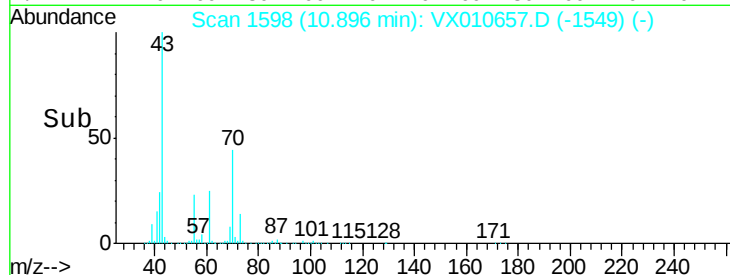
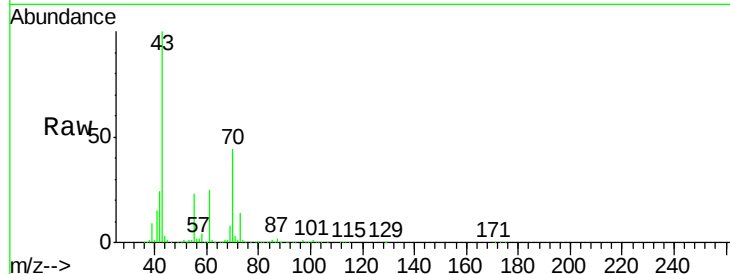
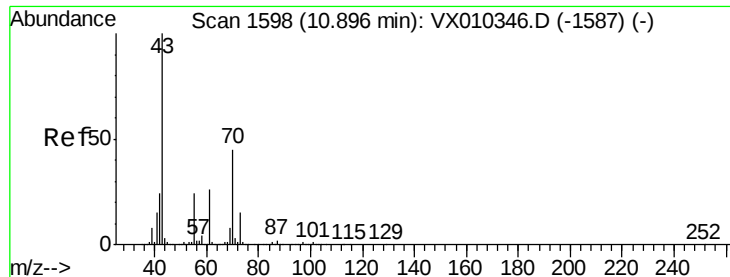
105 100

120 27.8 14.1 42.4



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





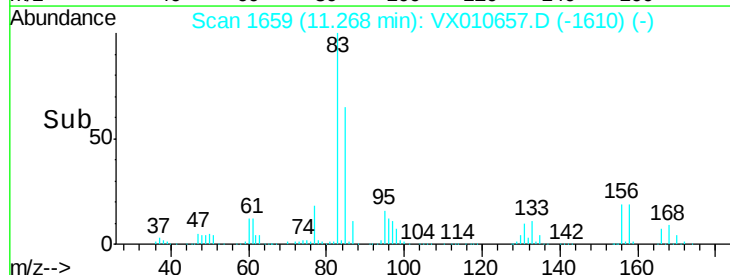
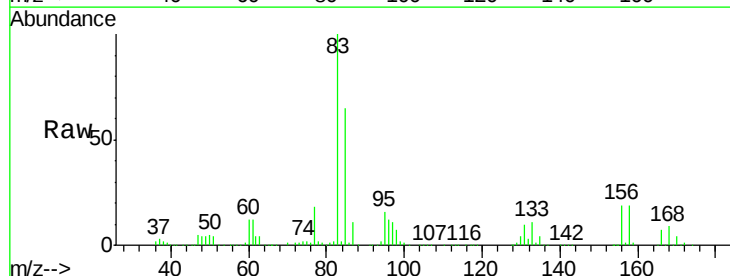
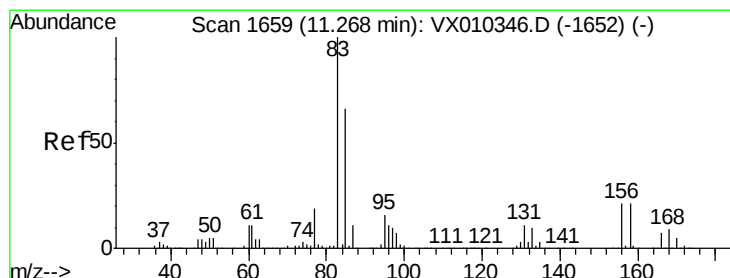
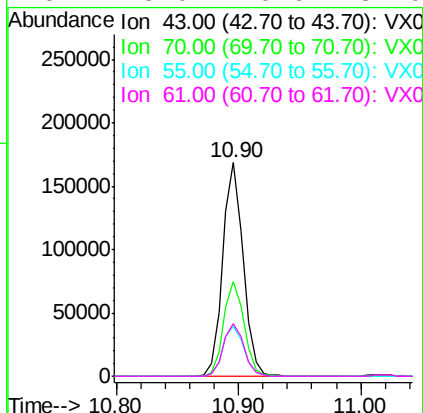
#74
N-amvl acetate
Concen: 52.481 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	195712		
70	70	44.5	36.6	54.8	
55	55	24.3	18.7	28.1	
61	61	25.0	20.6	31.0	

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

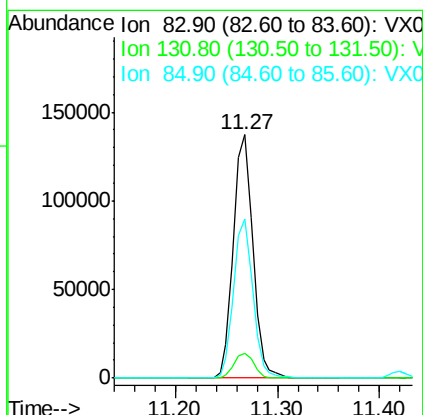
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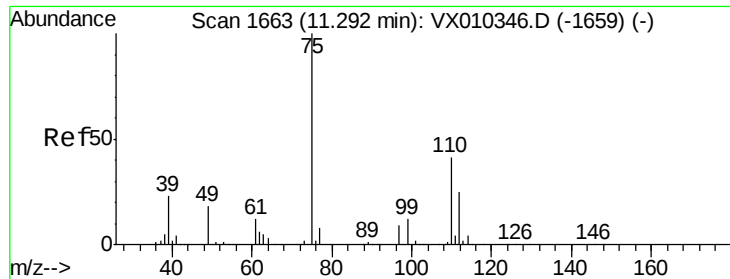
MMDadoda
7/8/2019 2:40:55 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 55.496 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	181354		
131	131	10.6	5.5	16.4	
85	85	64.5	32.3	96.8	





#76

1,2,3-Trichloropropane

Concen: 55.311 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 75 Resp: 146717

Ion Ratio Lower Upper

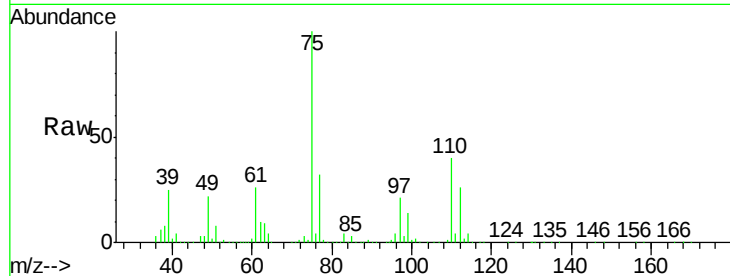
75 100

77 42.8 22.6 67.8

Manual Integrations
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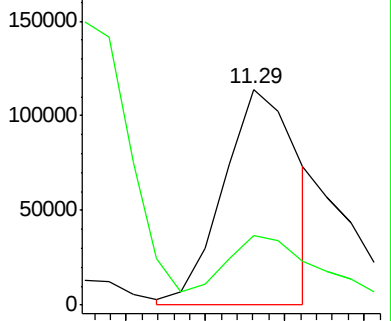
MMDadoda

7/8/2019 2:40:55 PM

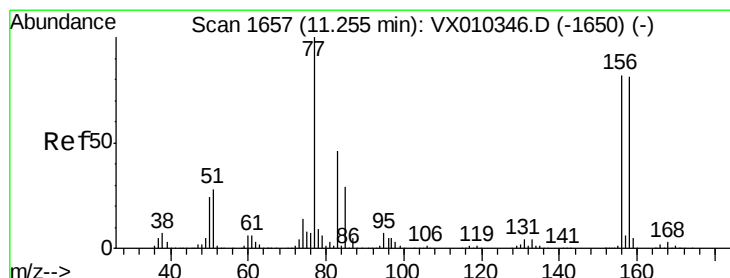
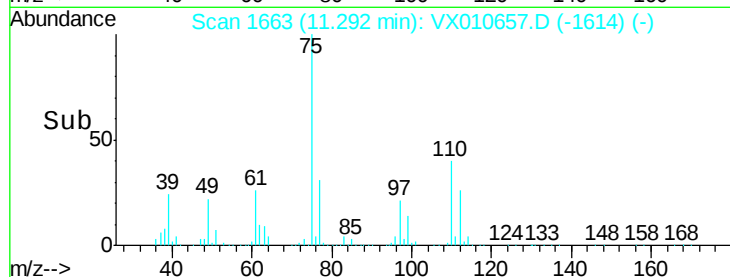


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 52.167 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

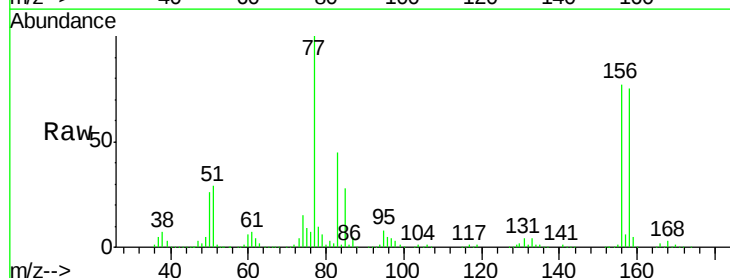
Tgt Ion: 156 Resp: 143735

Ion Ratio Lower Upper

156 100

77 134.6 66.3 198.7

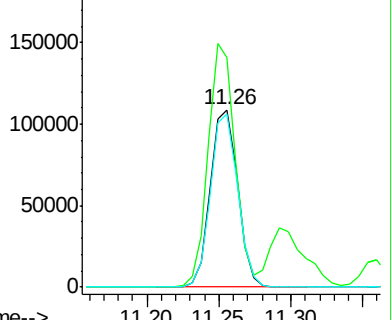
158 97.0 48.9 146.7



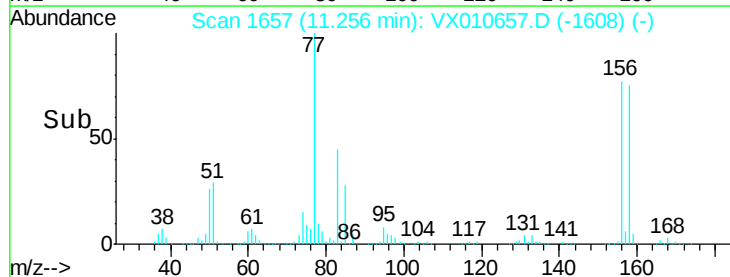
Abundance Ion 155.80 (155.50 to 156.50): V

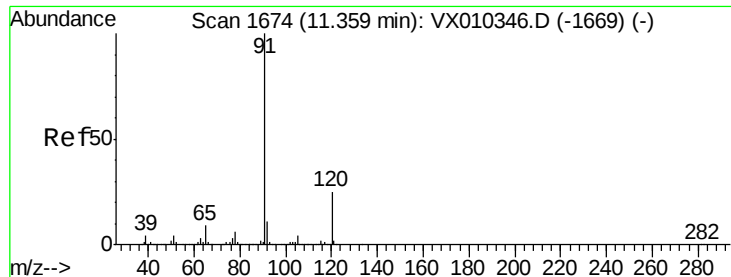
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 50.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 91 Resp: 546644

Ion Ratio Lower Upper

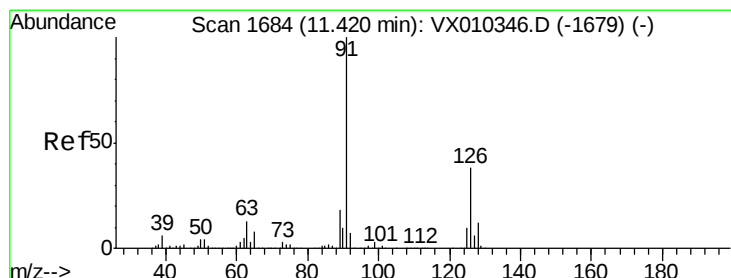
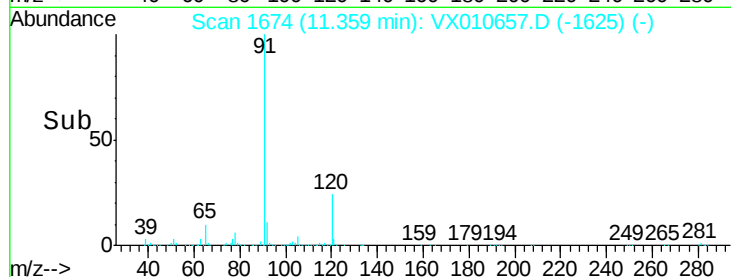
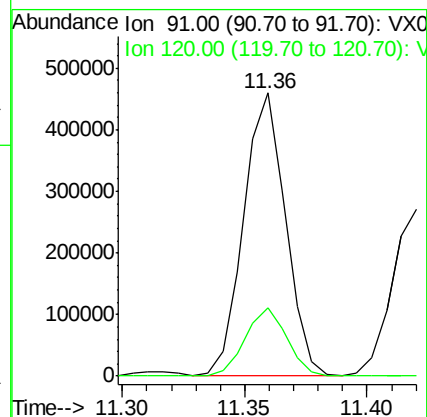
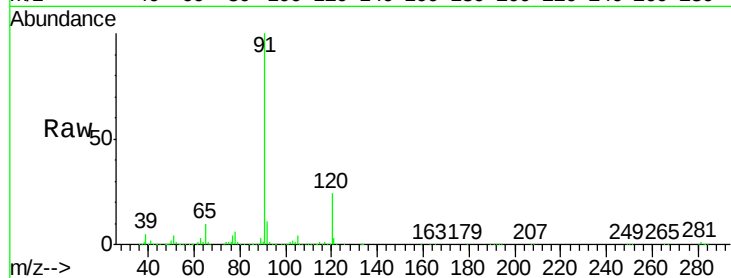
91 100

120 24.2 12.4 37.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 51.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010657.D

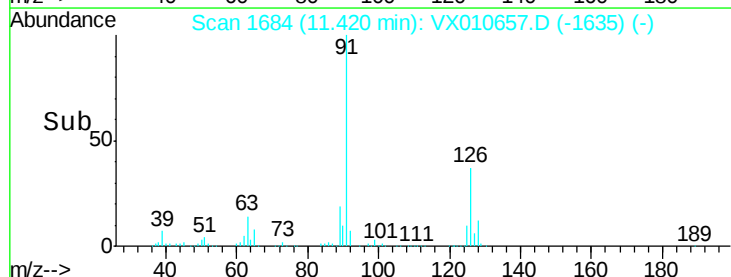
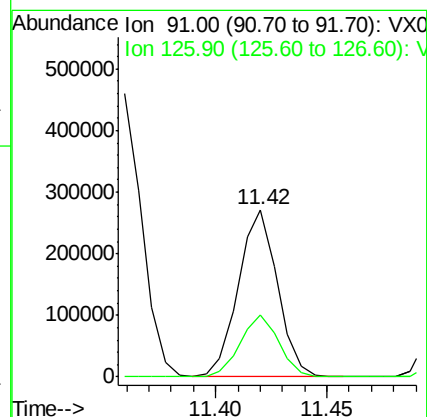
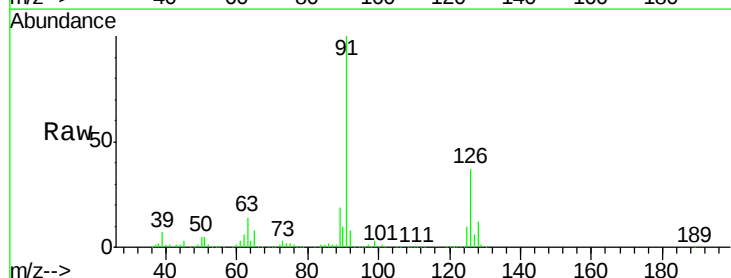
Acq: 03 Jul 2019 21:52

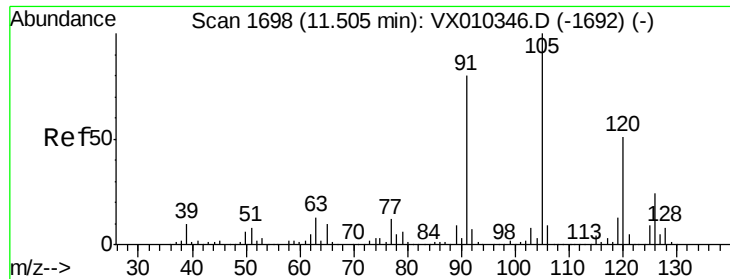
Tgt Ion: 91 Resp: 330372

Ion Ratio Lower Upper

91 100

126 36.7 18.7 56.1





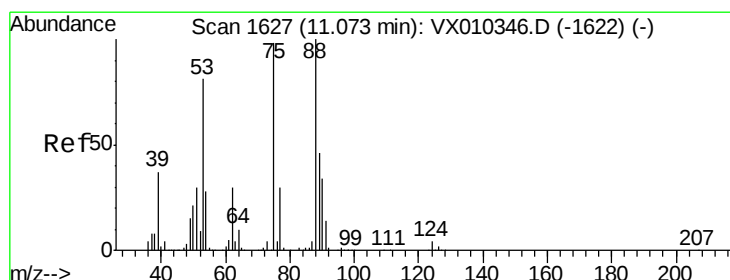
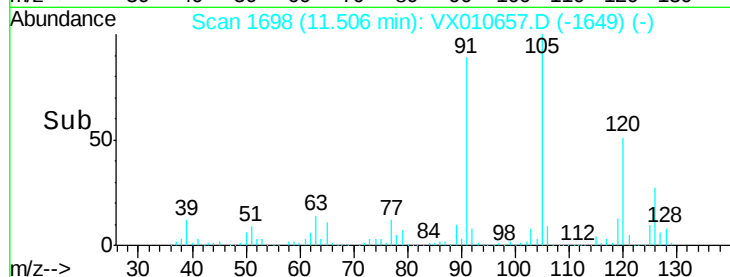
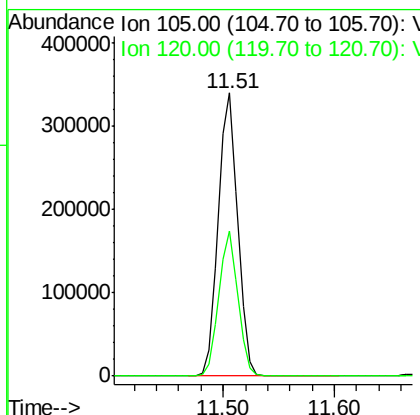
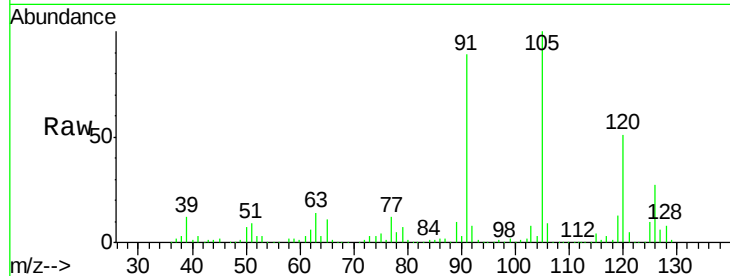
#80
 1,3,5-Trimethylbenzene
 Concen: 50.609 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion:105 Resp: 411686
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6

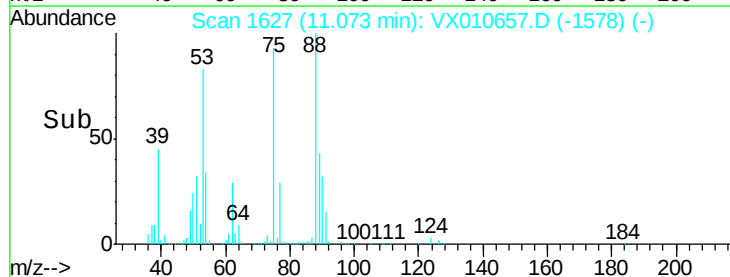
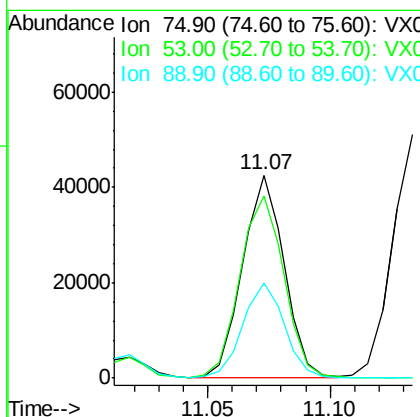
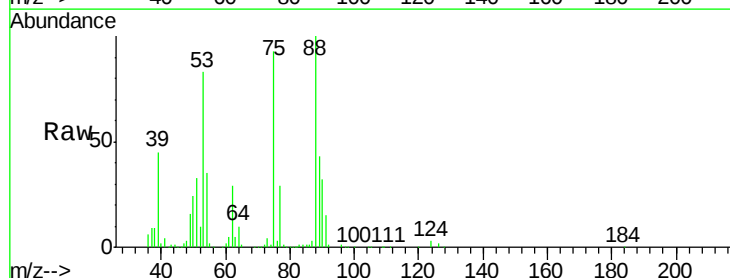
Manual Integrations
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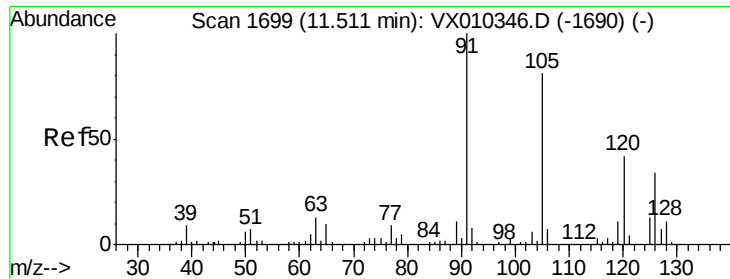
MMDadoda
 7/8/2019 2:40:55 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.436 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 75 Resp: 50525
 Ion Ratio Lower Upper
 75 100
 53 94.8 66.1 99.1
 89 47.3 37.8 56.6





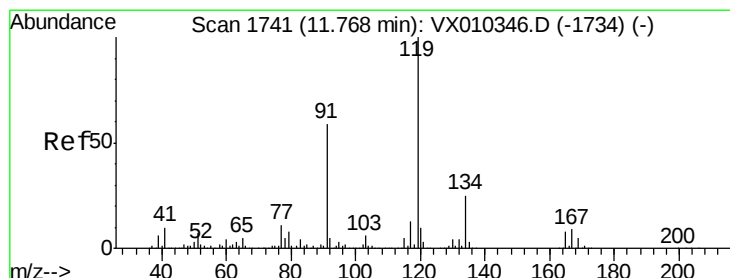
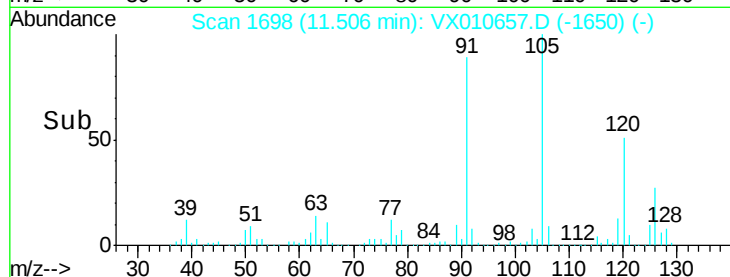
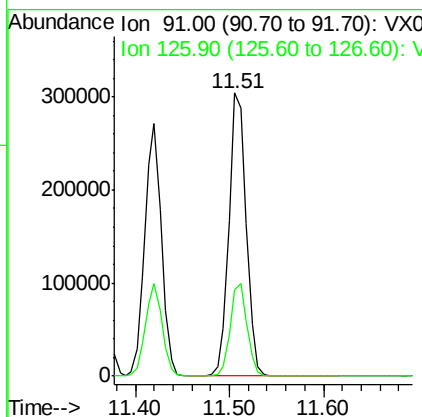
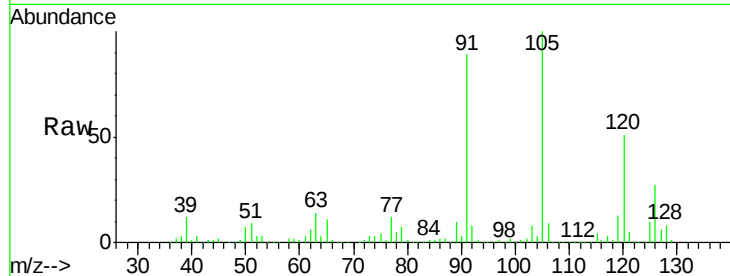
#82
4-Chlorotoluene
Concen: 52.504 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion: 91 Resp: 385821
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

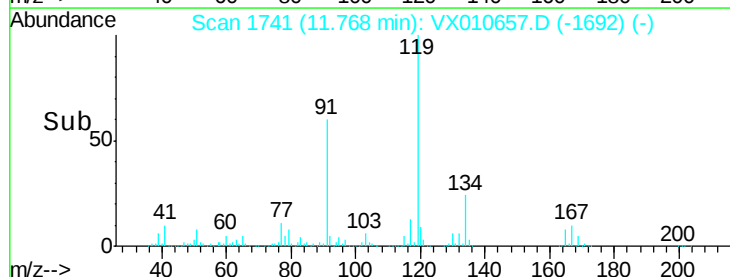
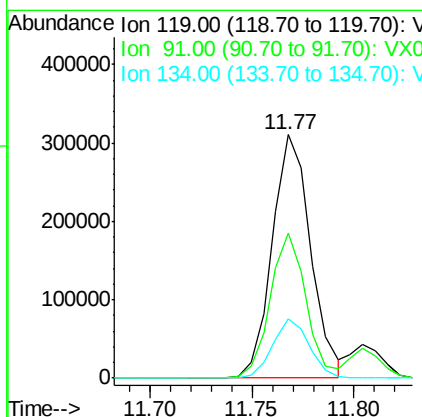
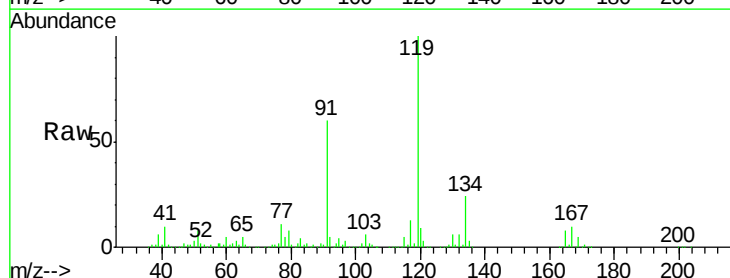
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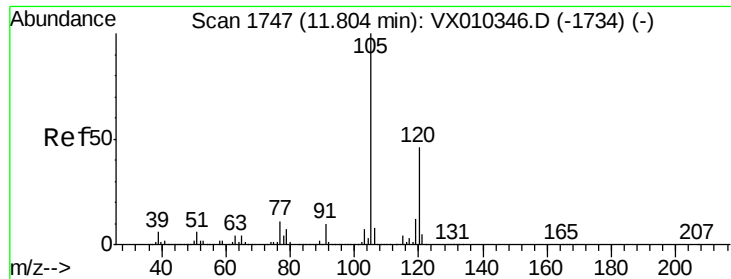
MMDadoda
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#83
tert-Butylbenzene
Concen: 50.002 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 119 Resp: 408250
Ion Ratio Lower Upper
119 100
91 55.6 27.6 82.7
134 23.3 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 51.865 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion:105 Resp: 423878

Ion Ratio Lower Upper

105 100

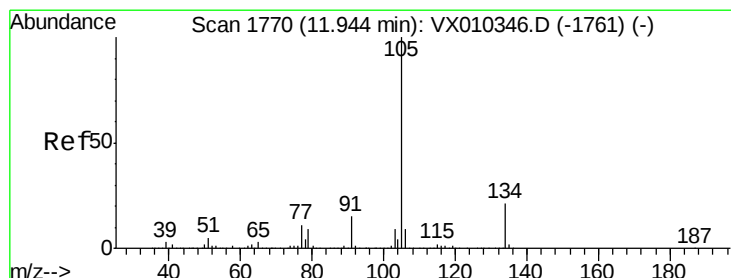
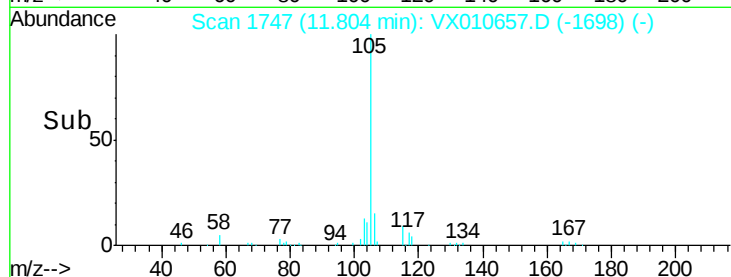
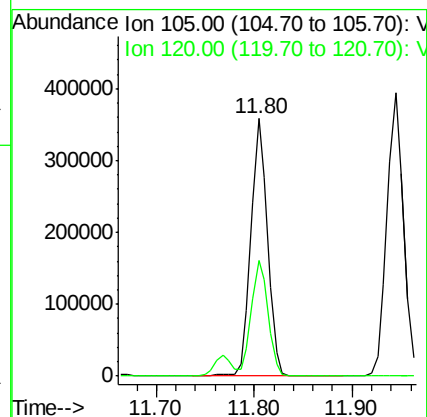
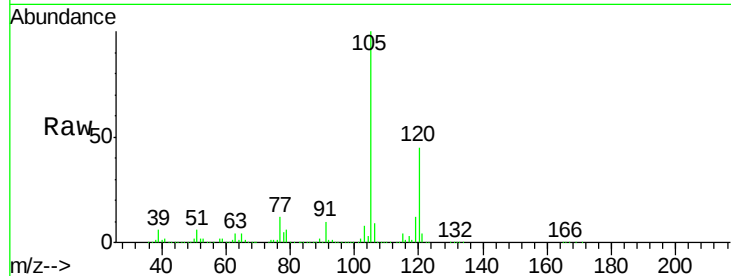
120 44.9 23.1 69.2

Manual Integrations

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#85

sec-Butylbenzene

Concen: 48.530 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010657.D

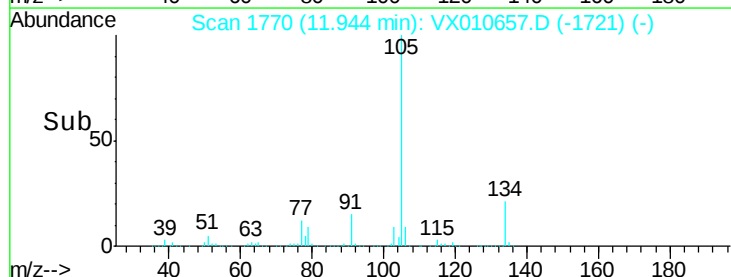
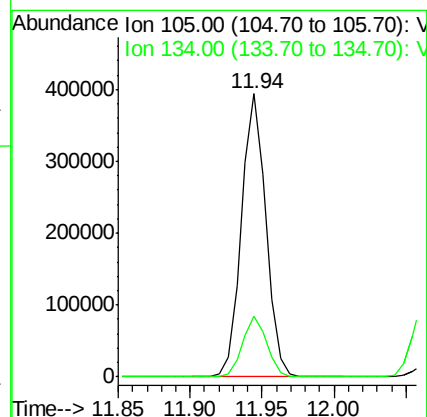
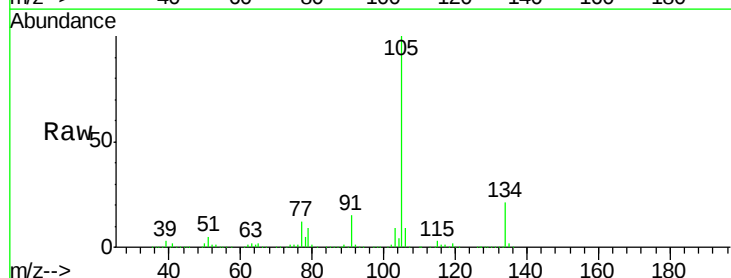
Acq: 03 Jul 2019 21:52

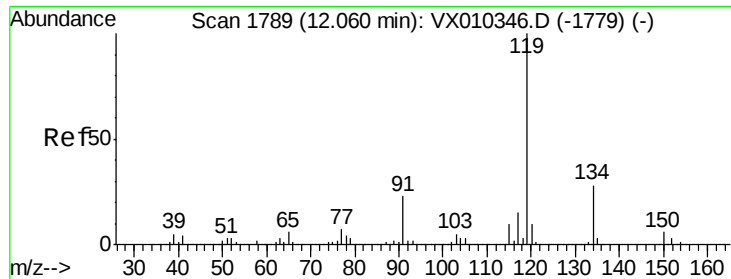
Tgt Ion:105 Resp: 465222

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9





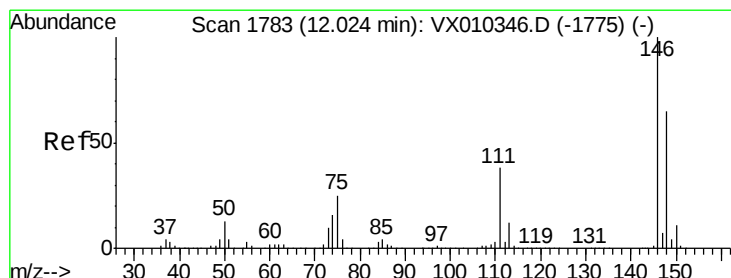
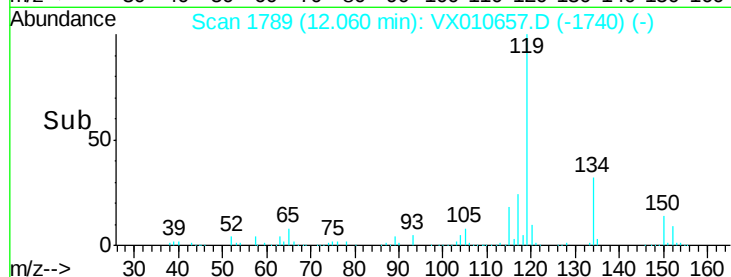
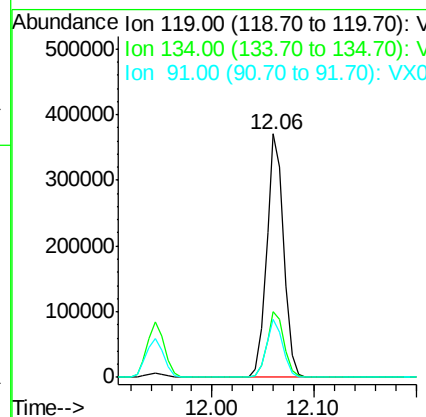
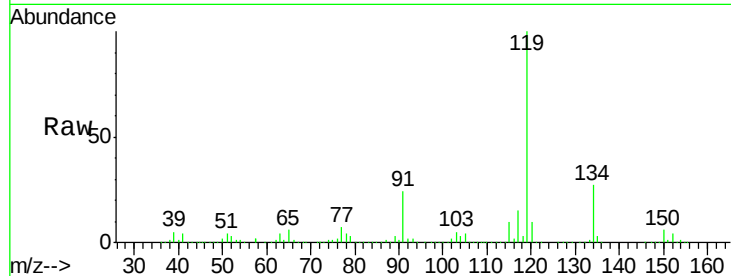
#86
 p-Isopropyltoluene
 Concen: 48.860 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.7	41.1
91	23.0	11.3	33.8

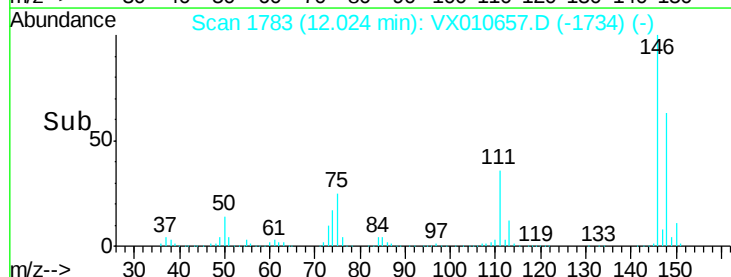
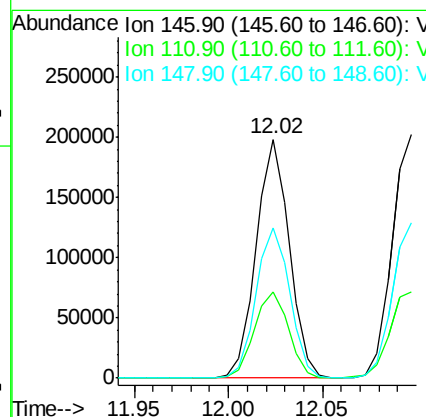
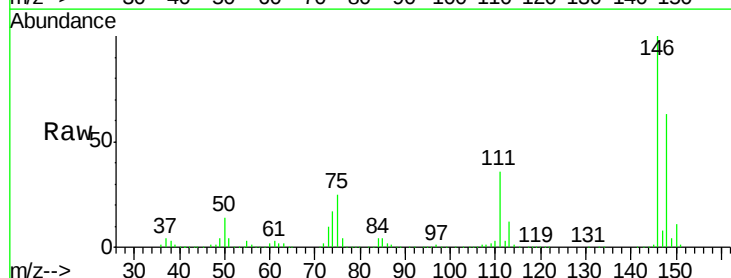
Manual Integrations
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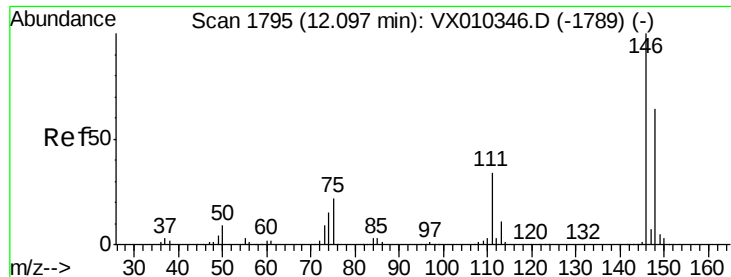
MMDadoda
 7/8/2019 2:40:55 PM



#87
 1,3-Dichlorobenzene
 Concen: 50.278 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	64.1	32.5	97.4





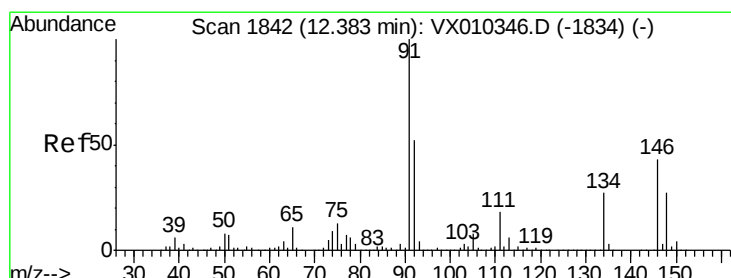
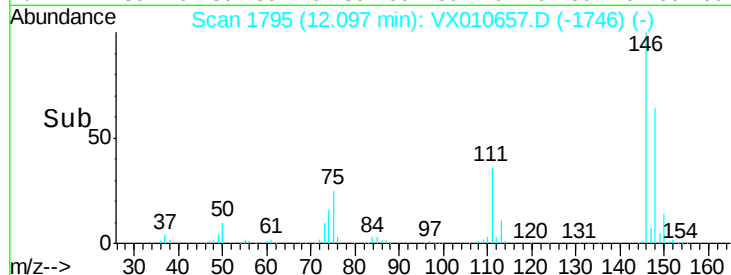
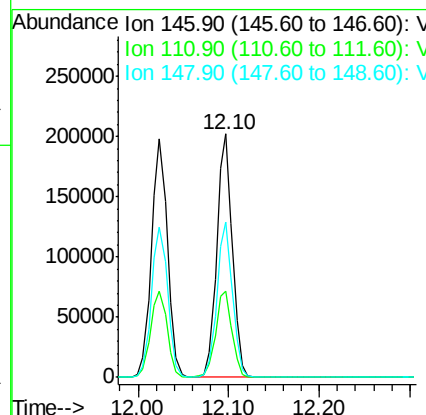
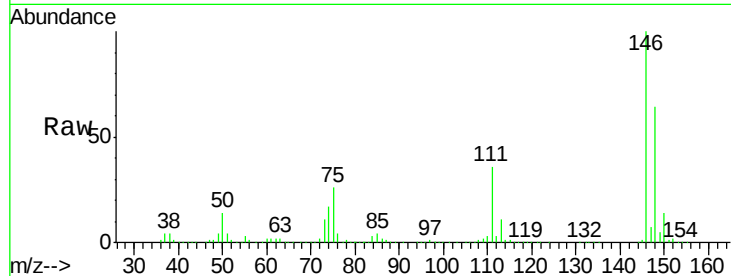
#88
 1,4-Dichlorobenzene
 Concen: 50.039 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	245010		
111	37.1	18.1	54.3	
148	63.6	32.1	96.3	

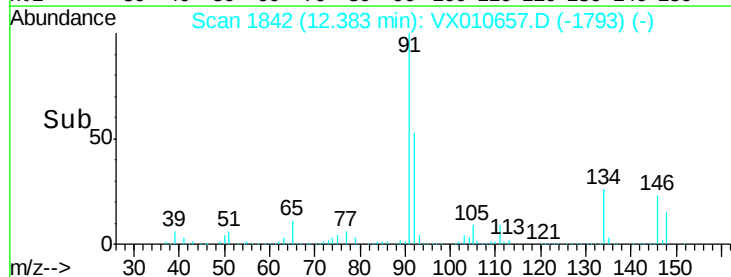
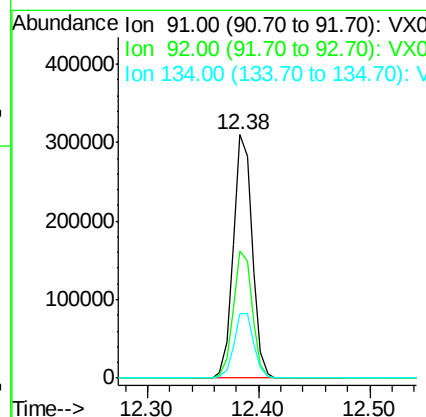
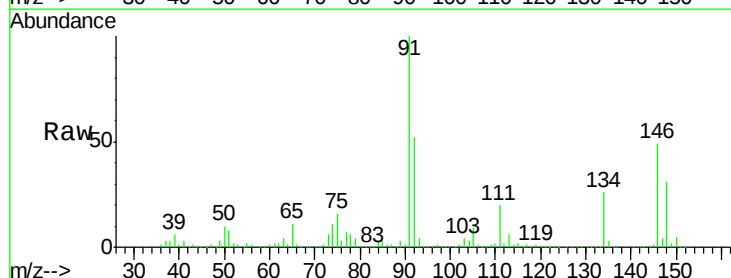
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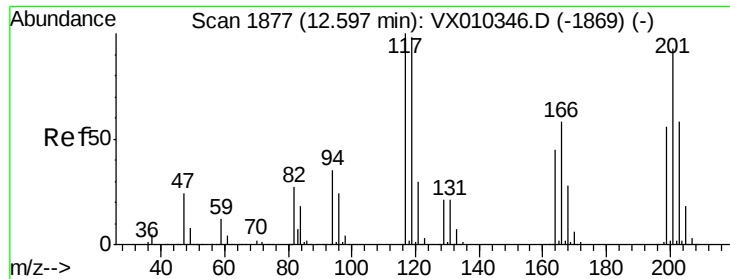
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#89
 n-Butylbenzene
 Concen: 48.271 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	363713		
92	52.3	26.2	78.5	
134	27.6	14.1	42.4	





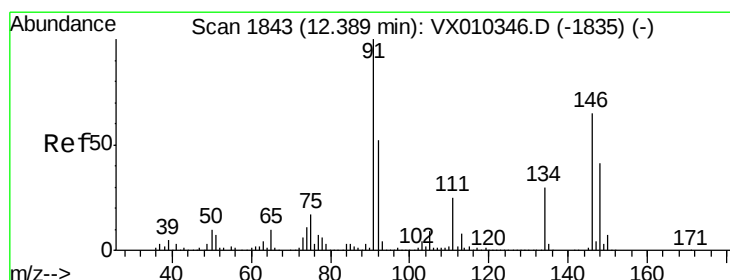
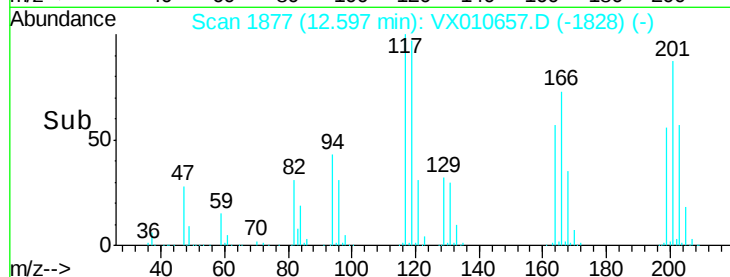
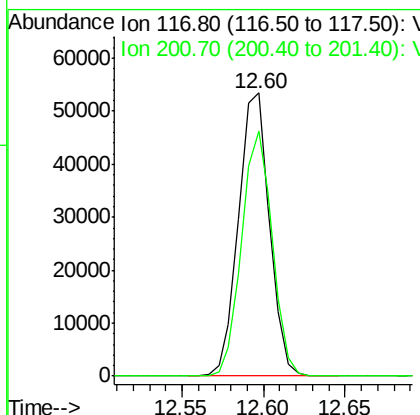
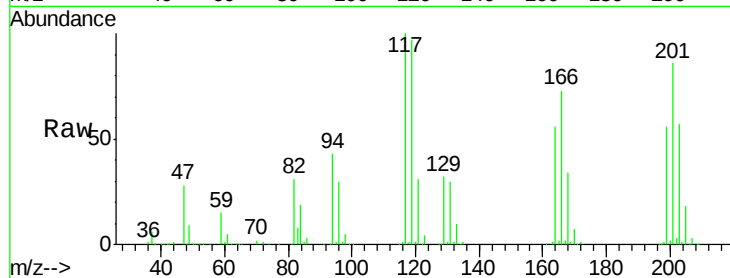
#90
Hexachloroethane
Concen: 46.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	84.9	44.0	131.8

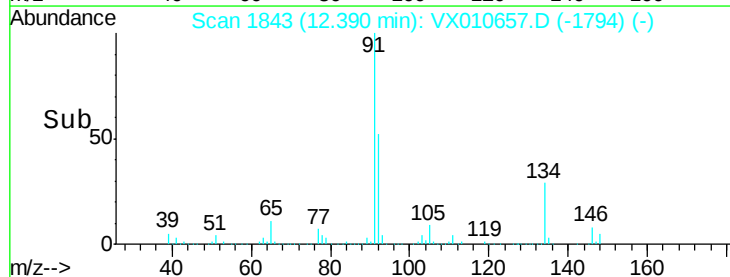
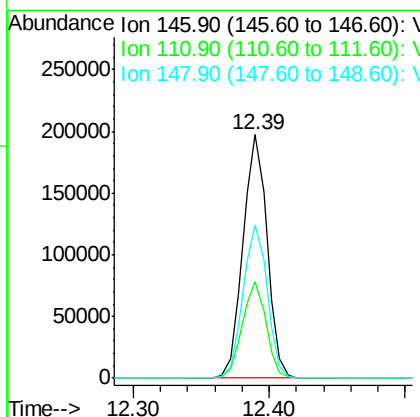
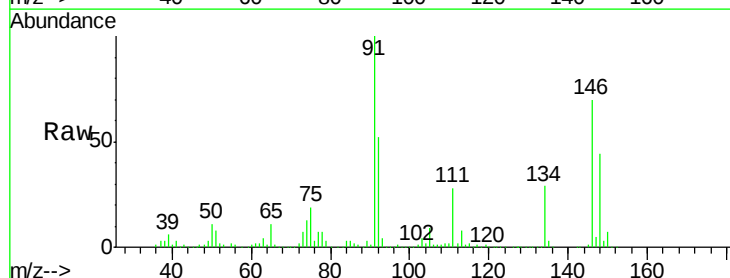
Manual Integrations
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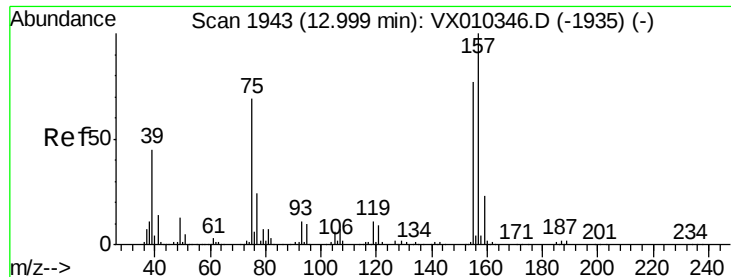
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 51.109 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.1	32.0	96.0





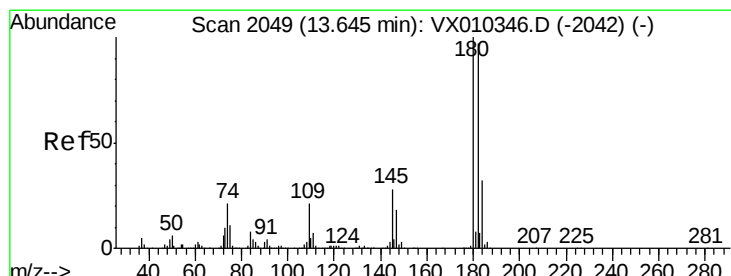
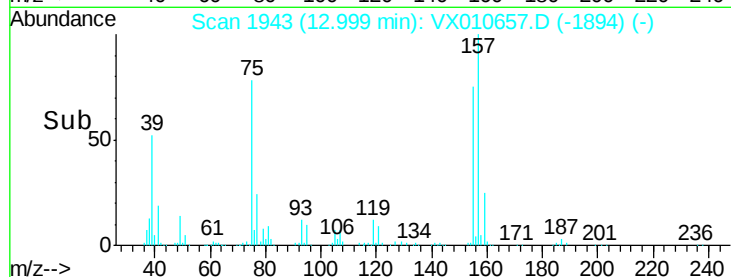
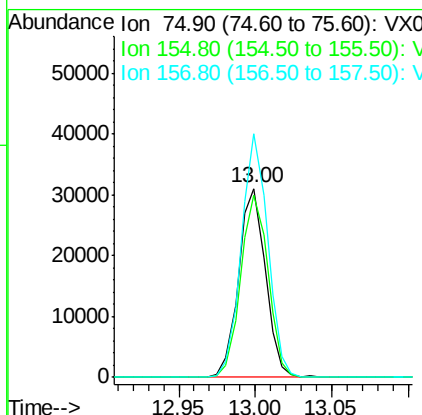
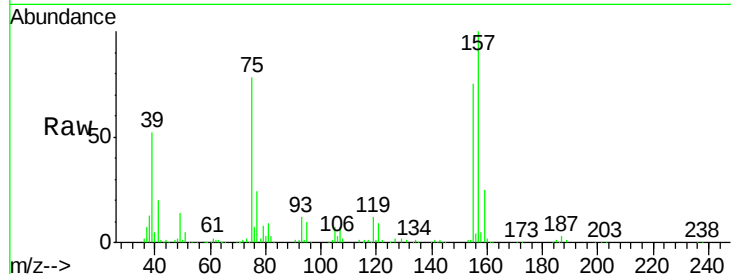
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.731 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	98.2	54.4	163.1
157	126.5	69.5	208.3

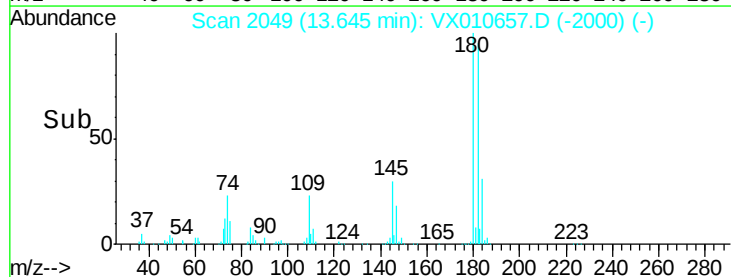
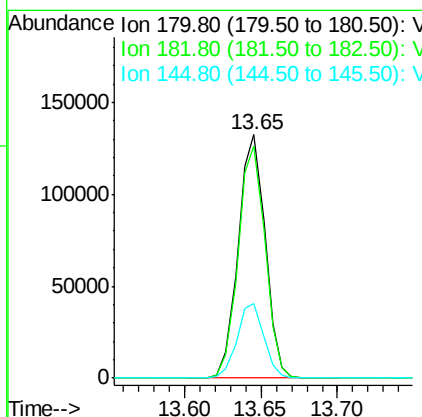
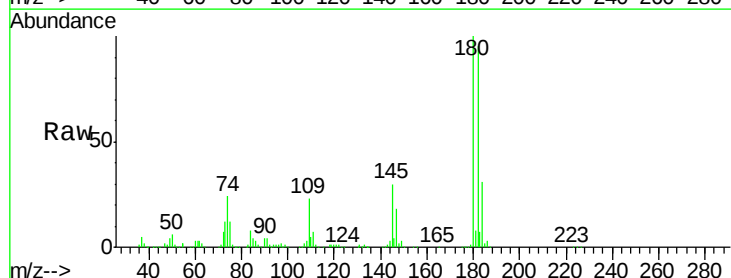
Manual Integrations
 APPROVED

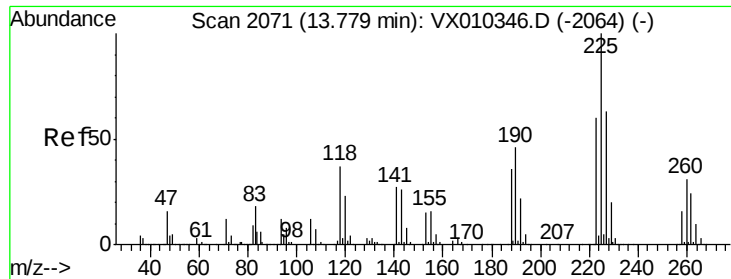
MMDadoda
 7/8/2019 2:40:55 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.886 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	30.2	14.4	43.4





#94

Hexachlorobutadiene

Concen: 43.136 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

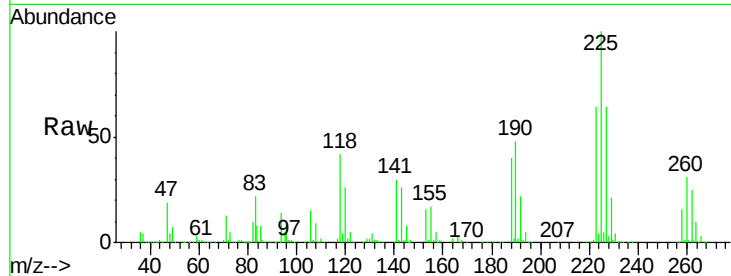
ClientSampleId :

SP19-JMW0991MSD

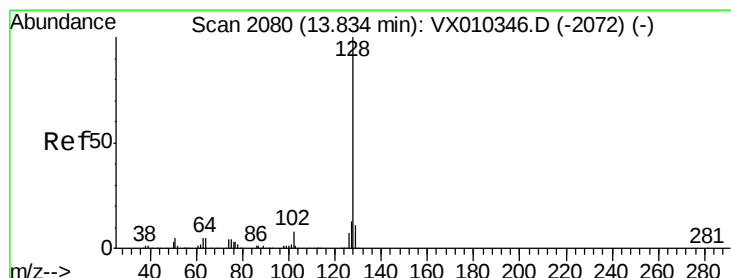
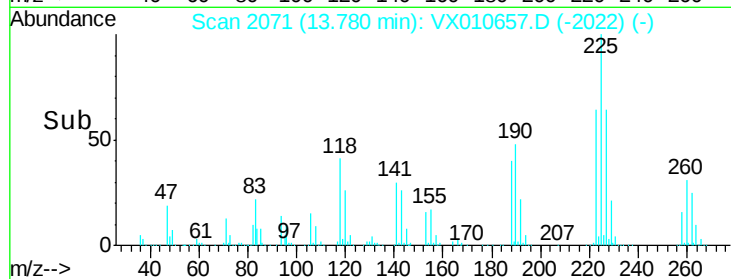
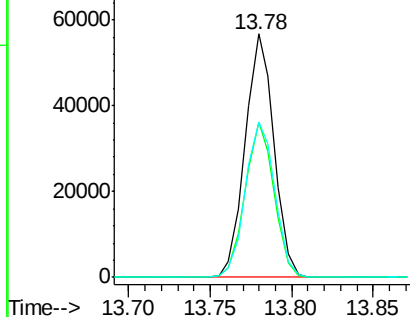
Tot Ion	Ratio	Resp	Lower	Upper
225	100	69885		
223	63.6		30.9	92.7
227	65.2		31.9	95.5

Manual Integrations
APPROVED

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7/8/2019 2:40:55 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.039 ug/l

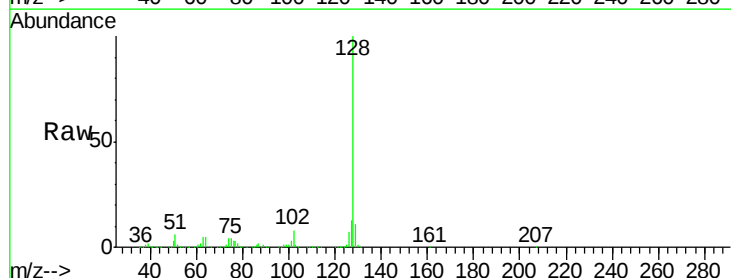
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

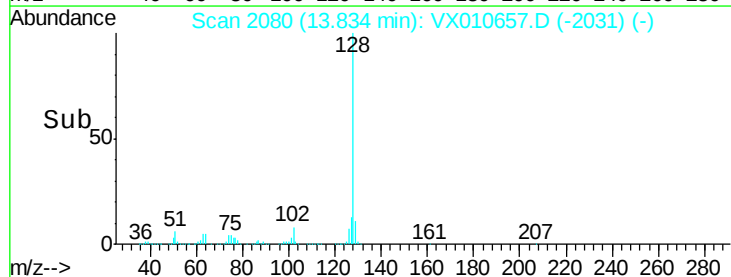
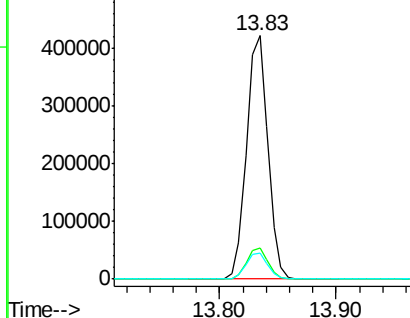
Lab File: VX010657.D

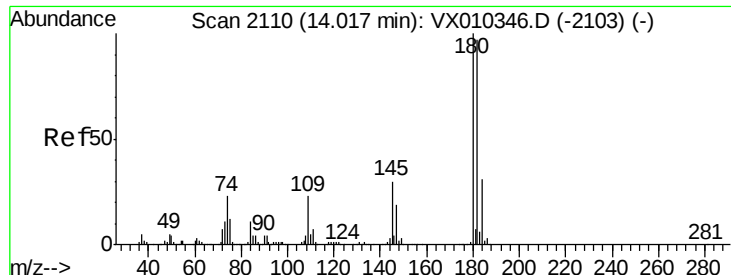
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	540302		
127	12.8		10.2	15.4
129	10.8		8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.952 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	47.8	143.3
145	31.0	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 2:40:55 PM

