

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011753.D
 Acq On : 22 Aug 2019 10:53
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 1:55:57 PM

Quant Time: Aug 23 01:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	401965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	539335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	507199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	286161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	549630	143.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.84%	
35) Dibromofluoromethane	5.49	113	510398	142.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.64%	
50) Toluene-d8	8.71	98	1815013	158.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.64%	
62) 4-Bromofluorobenzene	11.13	95	722319	152.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	558259	142.676	ug/l	99
3) Chloromethane	1.32	50	434154	108.164	ug/l	100
4) Vinyl Chloride	1.40	62	462654	127.629	ug/l	99
5) Bromomethane	1.63	94	247413	147.156	ug/l	98
6) Chloroethane	1.70	64	221019	122.419	ug/l	98
7) Trichlorofluoromethane	1.91	101	731710	141.703	ug/l	98
8) Diethyl Ether	2.18	74	244765	139.431	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	445318	126.671	ug/l	98
10) Methyl Iodide	2.50	142	615541	126.319	ug/l	98
11) Tert butyl alcohol	3.06	59	607796	680.135	ug/l	100
12) 1,1-Dichloroethene	2.35	96	442490	130.678	ug/l	98
13) Acrolein	2.29	56	266135	871.869	ug/l	98
14) Allyl chloride	2.71	41	735484	130.896	ug/l	98
15) Acrylonitrile	3.14	53	1334729	649.322	ug/l	99
16) Acetone	2.44	43	1168527	626.656	ug/l	98
17) Carbon Disulfide	2.56	76	1191552	147.025	ug/l	99
18) Methyl Acetate	2.77	43	716143	126.266	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1440929	130.910	ug/l	98
20) Methylene Chloride	2.85	84	483292	123.658	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	474108	131.210	ug/l	97
22) Diisopropyl ether	3.85	45	1392757	125.823	ug/l	99
23) Vinyl Acetate	3.81	43	5840971	661.297	ug/l	100
24) 1,1-Dichloroethane	3.68	63	797494	126.038	ug/l	99
25) 2-Butanone	4.67	43	1874807	653.761	ug/l	99
26) 2,2-Dichloropropane	4.57	77	679387	140.511	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	544843	130.324	ug/l	98
28) Bromochloromethane	5.01	49	351652	125.994	ug/l	99
29) Tetrahydrofuran	5.12	42	1190309	631.783	ug/l	99
30) Chloroform	5.20	83	847544	126.823	ug/l	100
31) Cyclohexane	5.57	56	729380	133.742	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	780004	135.101	ug/l	99
36) 1,1-Dichloropropene	5.79	75	629589	138.743	ug/l	98
37) Ethyl Acetate	4.83	43	686674	132.302	ug/l	99
38) Carbon Tetrachloride	5.77	117	714823	142.524	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	807546	142.759	ug/l	100
40) Benzene	6.13	78	1878521	133.452	ug/l	99
41) Methacrylonitrile	5.04	41	389616	137.186	ug/l	97
42) 1,2-Dichloroethane	6.18	62	647652	131.605	ug/l	99
43) Isopropyl Acetate	6.44	43	1095485	134.886	ug/l	99
44) Trichloroethene	7.21	130	589422	139.858	ug/l	97
45) 1,2-Dichloropropane	7.51	63	475810	135.467	ug/l	100
46) Dibromomethane	7.66	93	338654	131.557	ug/l	97
47) Bromodichloromethane	7.90	83	659399	139.983	ug/l	100
48) Methyl methacrylate	7.77	41	555809	138.326	ug/l	99
49) 1,4-Dioxane	7.74	88	291975	2723.716	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	3557789	672.311	ug/l	99
52) Toluene	8.78	92	1192770	132.114	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	743700	152.207	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	792526	148.541	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	502389	131.220	ug/l	98
56) Ethyl methacrylate	9.18	69	801967	144.293	ug/l	99
57) 1,3-Dichloropropane	9.37	76	802397	132.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	2132133	761.702	ug/l	100
59) 2-Hexanone	9.49	43	2809393	687.446	ug/l	99
60) Dibromochloromethane	9.58	129	606525	152.397	ug/l	99
61) 1,2-Dibromoethane	9.67	107	565387	138.150	ug/l	100
64) Tetrachloroethene	9.34	164	546296	130.315	ug/l	99
65) Chlorobenzene	10.13	112	1409944	132.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	555023	138.990	ug/l	99
67) Ethyl Benzene	10.25	91	2388418	133.152	ug/l	99
68) m/p-Xylenes	10.36	106	1886943	273.865	ug/l	97
69) o-Xylene	10.69	106	917954	135.902	ug/l	96
70) Styrene	10.71	104	1595881	141.087	ug/l	98
71) Bromoform	10.85	173	541752	159.853	ug/l #	99
73) Isopropylbenzene	11.02	105	2442370	133.072	ug/l	100
74) N-amyl acetate	10.90	43	1038366	134.867	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	820696	131.429	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	692909m	129.925	ug/l	
77) Bromobenzene	11.26	156	724443	133.412	ug/l	98
78) n-propylbenzene	11.36	91	2707670	136.842	ug/l	99
79) 2-Chlorotoluene	11.42	91	1609608	132.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2111774	136.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	292032	162.495	ug/l	94
82) 4-Chlorotoluene	11.51	91	1892426	134.274	ug/l	99
83) tert-Butylbenzene	11.77	119	2059633	131.638	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	2109309	136.448	ug/l	99
85) sec-Butylbenzene	11.94	105	2331086	132.554	ug/l	100
86) p-Isopropyltoluene	12.06	119	2323126	139.664	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1254794	133.835	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	1274517	134.187	ug/l	100
89) n-Butylbenzene	12.38	91	2001380	146.150	ug/l	100
90) Hexachloroethane	12.60	117	402602	153.104	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	1264529	134.498	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	204626	141.991	ug/l	96

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:19:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1046056	149.319	ug/l	99
94) Hexachlorobutadiene	13.78	225	542903	144.056	ug/l	100
95) Naphthalene	13.83	128	2959373	150.814	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1037714	147.195	ug/l	99

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

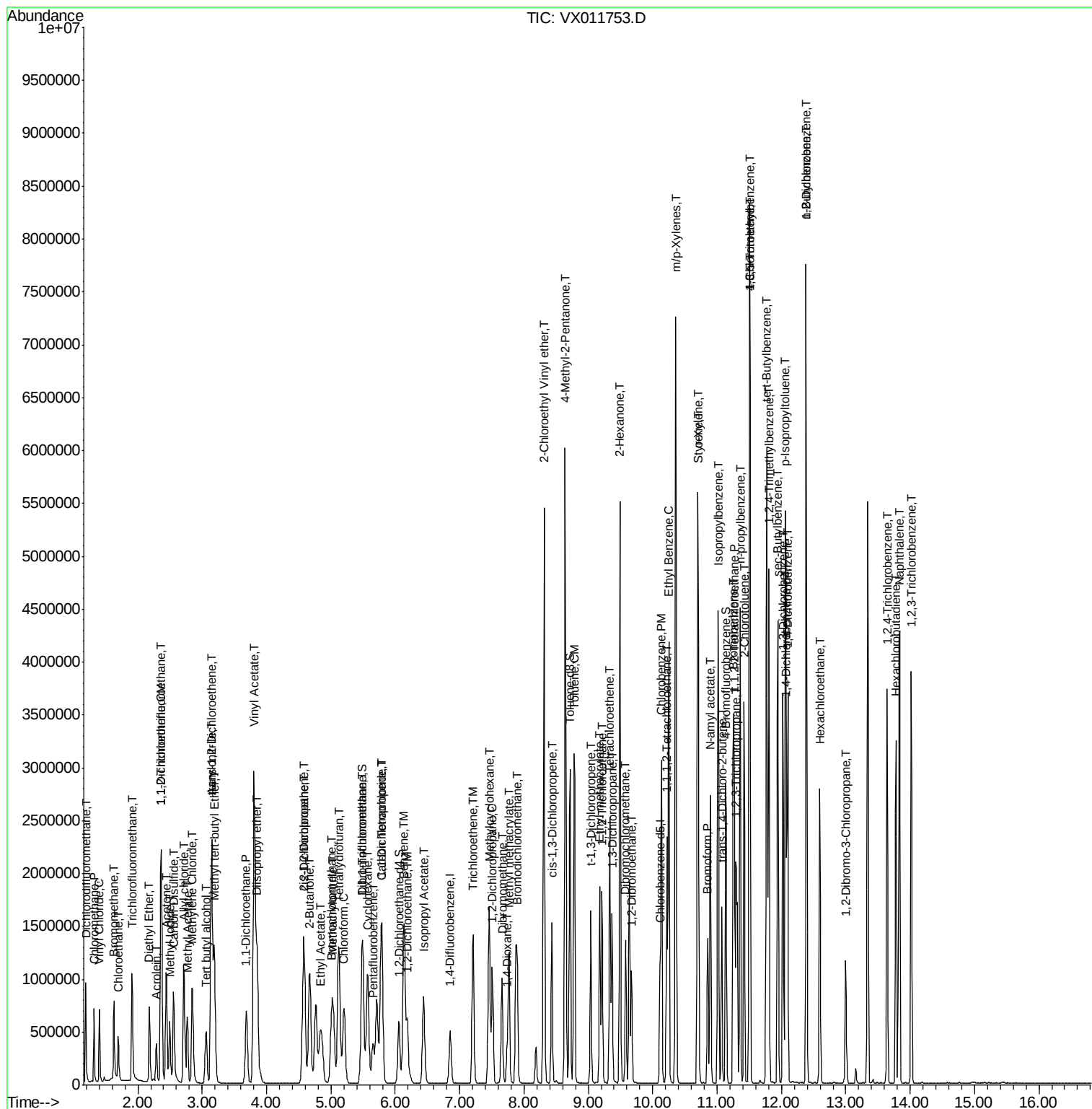
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011753.D
 Acq On : 22 Aug 2019 10:53
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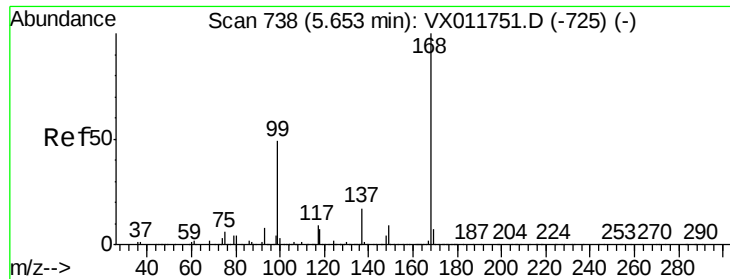
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC150

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 401965

Ion Ratio Lower Upper

168 100

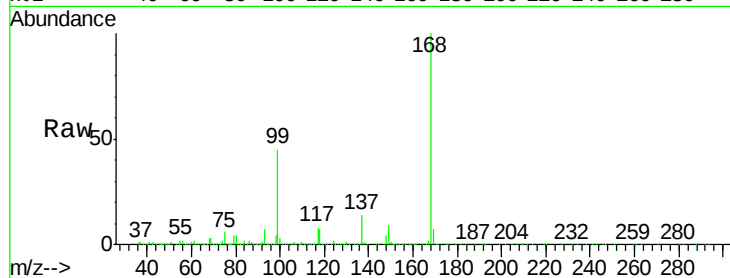
99 44.6 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

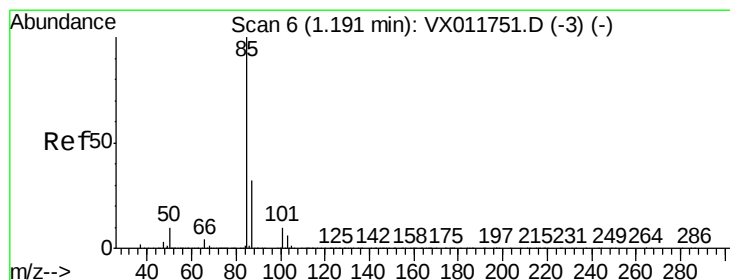
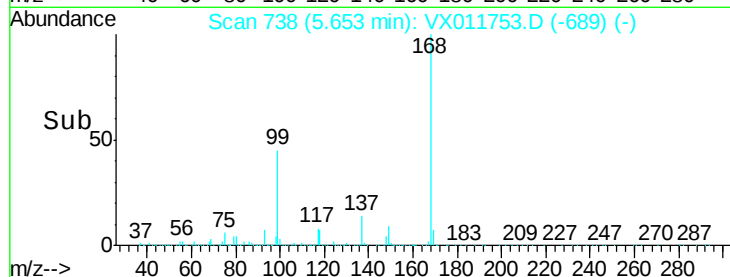
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 142.676 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011753.D

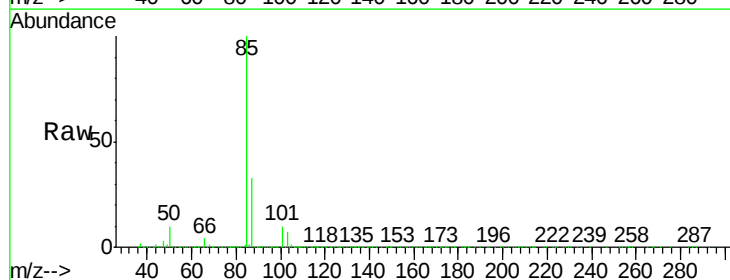
Acq: 22 Aug 2019 10:53

Tgt Ion: 85 Resp: 558259

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

500000

400000

300000

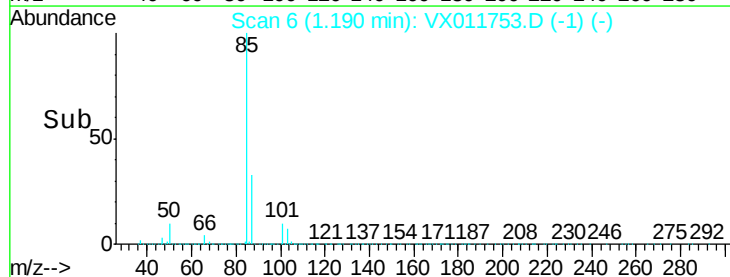
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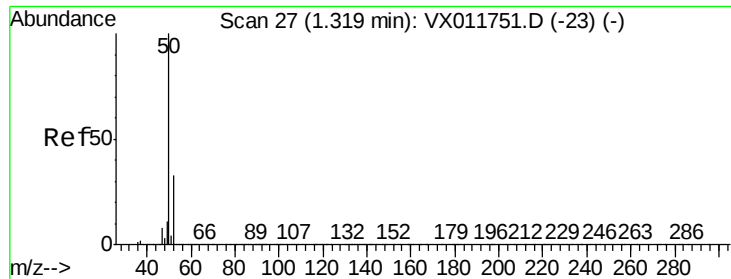
100000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 108.164 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 434154

Ion Ratio Lower Upper

50 100

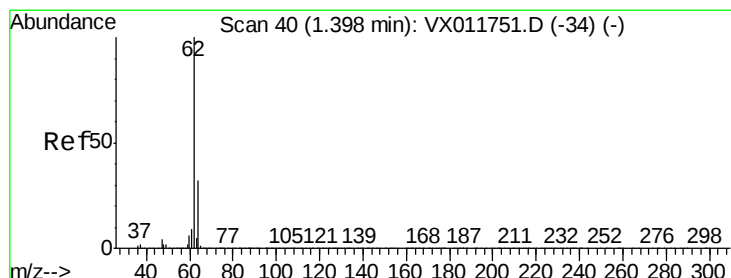
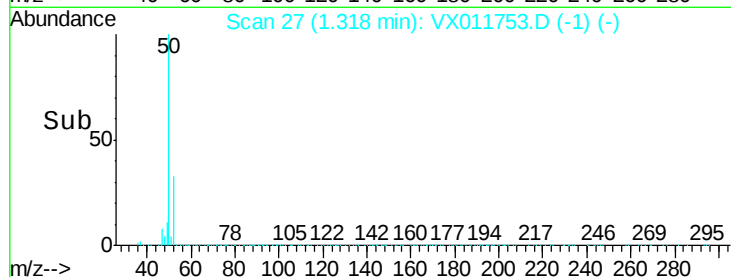
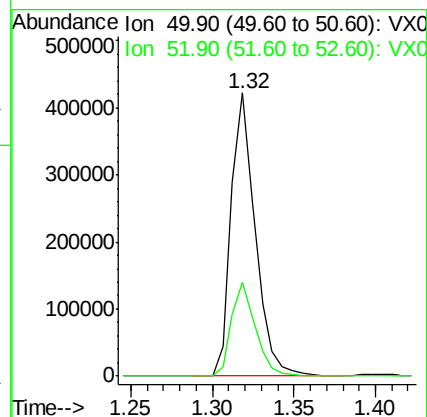
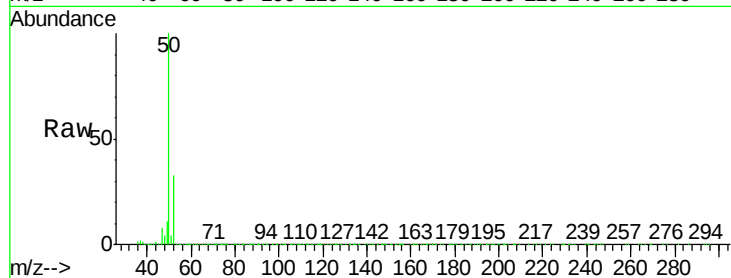
52 33.1 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 127.629 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011753.D

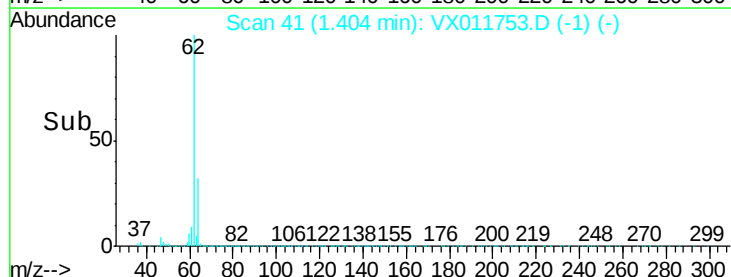
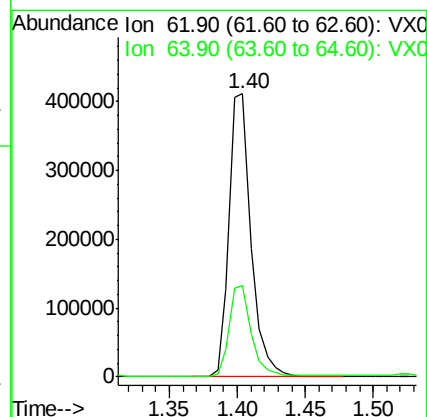
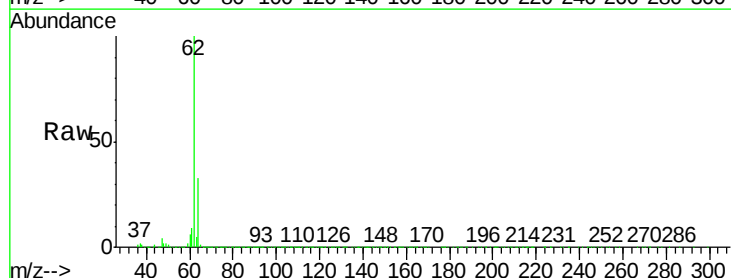
Acq: 22 Aug 2019 10:53

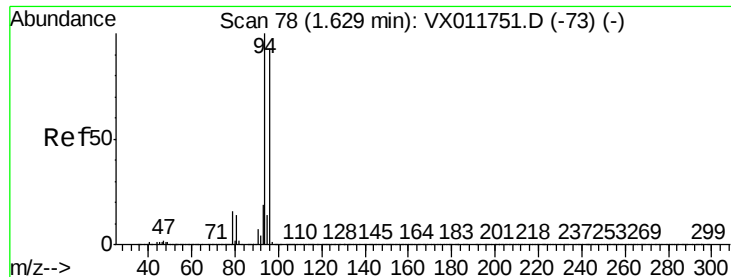
Tgt Ion: 62 Resp: 462654

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





#5

Bromomethane

Concen: 147.156 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 94 Resp: 247413

Ion Ratio Lower Upper

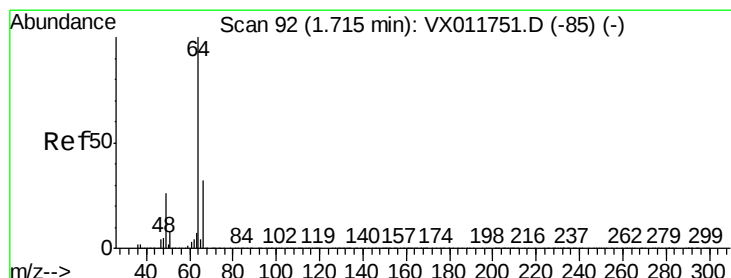
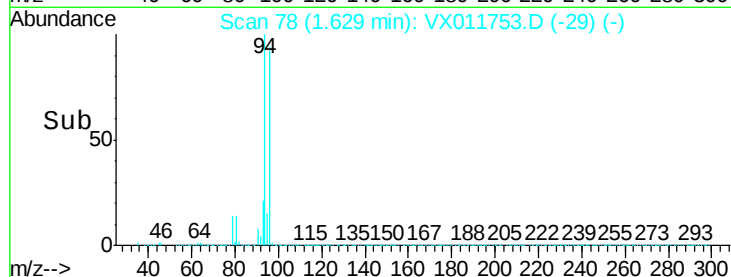
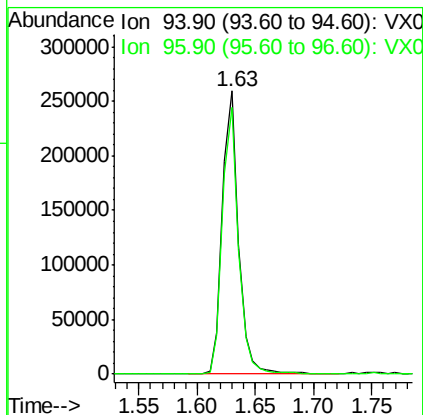
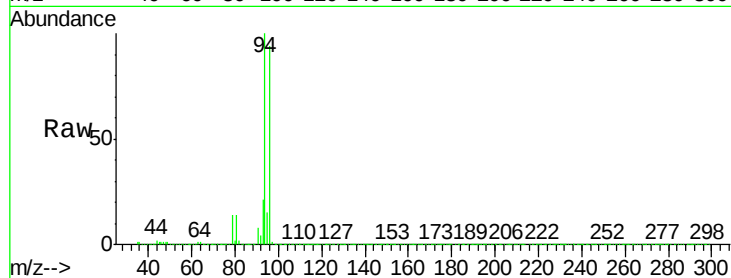
94 100

96 94.3 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 122.419 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011753.D

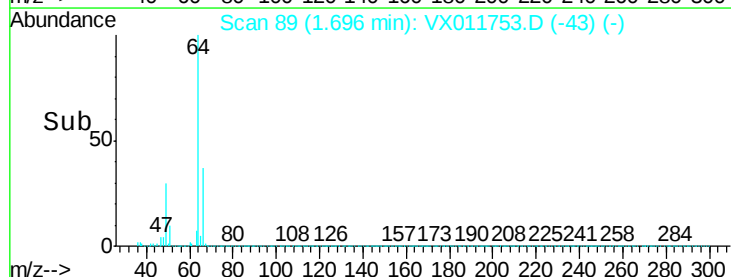
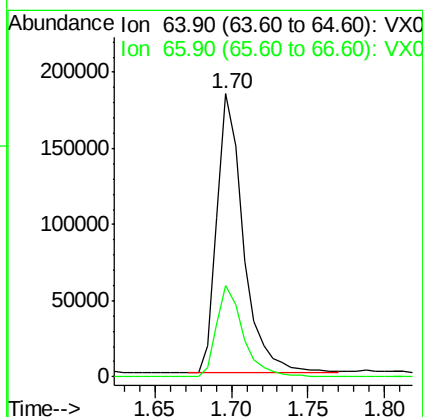
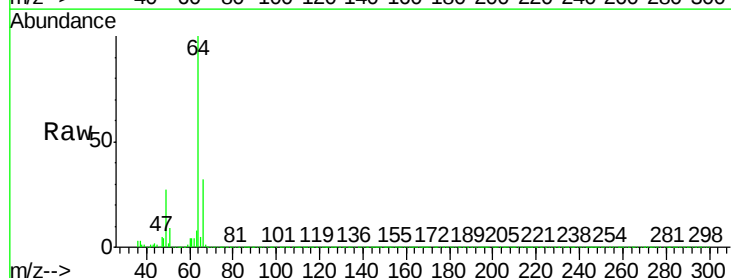
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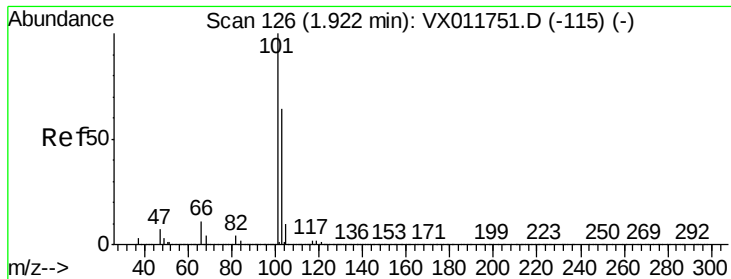
Tgt Ion: 64 Resp: 221019

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3





#7

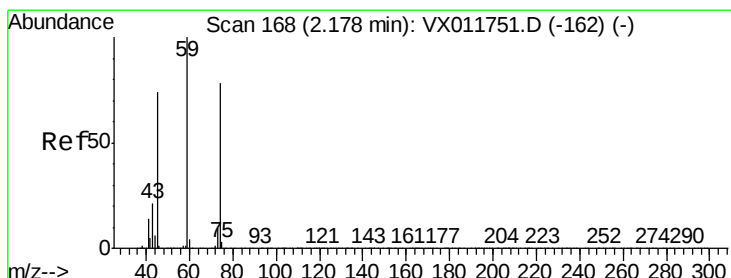
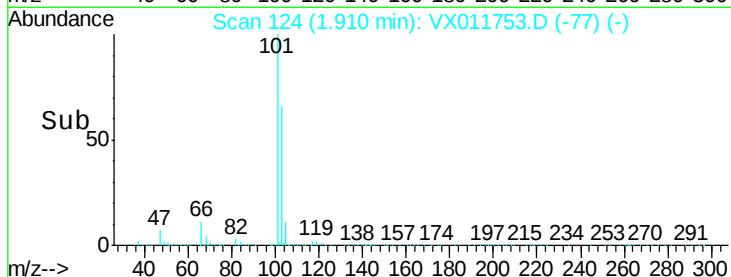
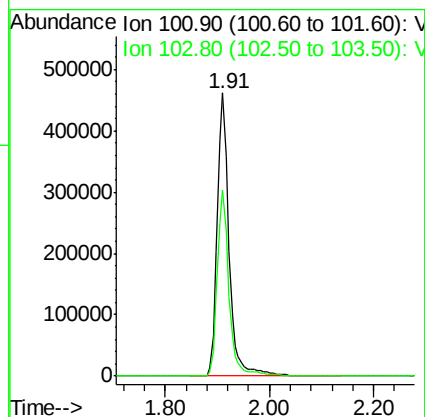
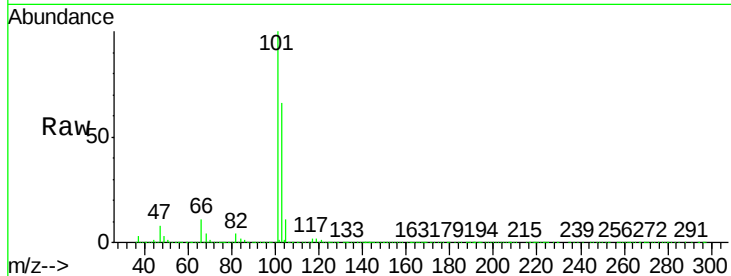
Trichlorofluoromethane
Concen: 141.703 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

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VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	731710		
103	65.5	51.2	76.8	

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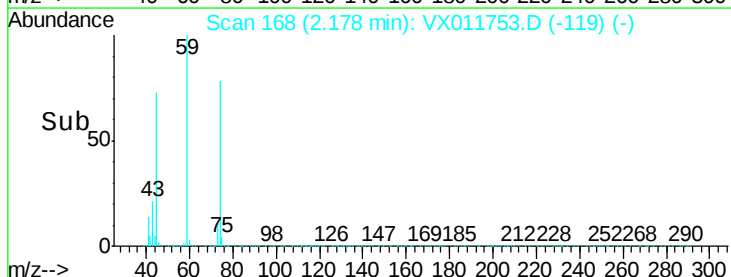
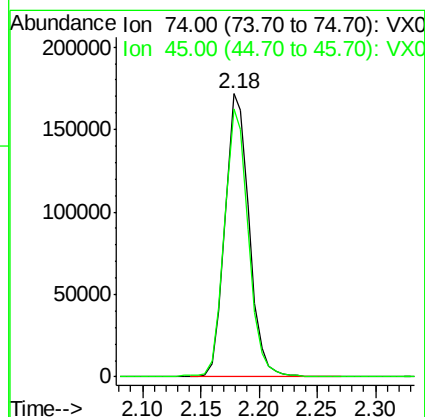
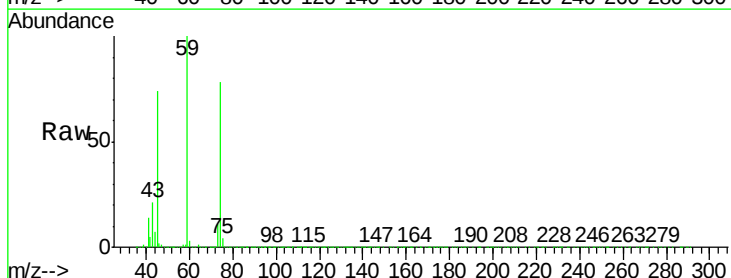
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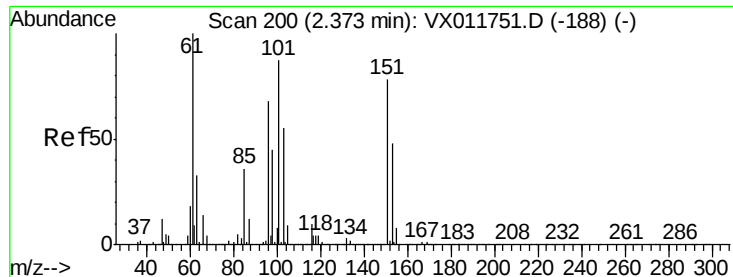


#8

Diethyl Ether
Concen: 139.431 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	244765		
45	94.1	46.7	140.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 126.671 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

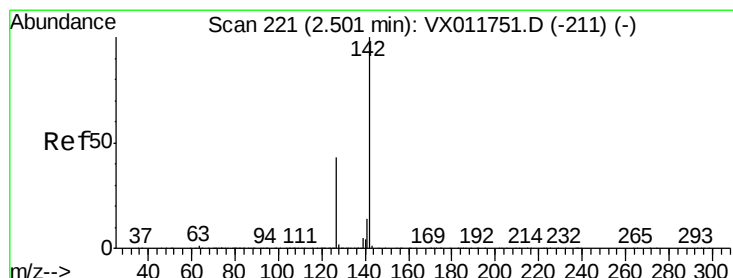
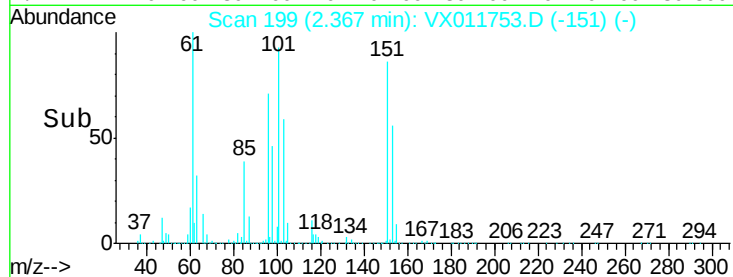
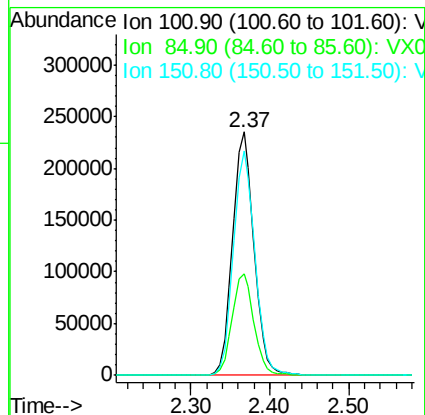
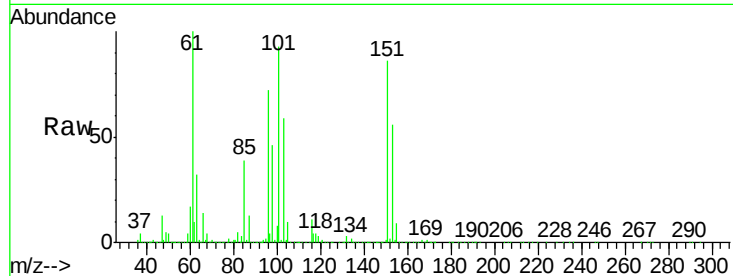
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	445318
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.7	50.5
151	92.6	71.4	107.2

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#10

Methyl Iodide

Concen: 126.319 ug/l

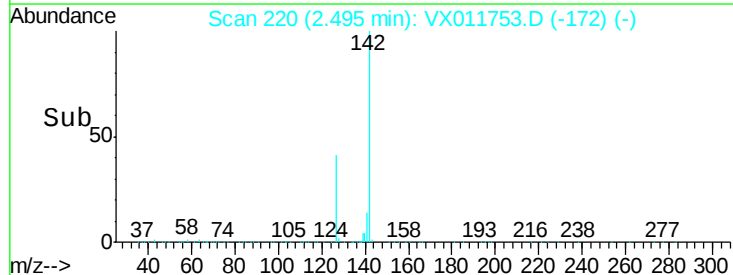
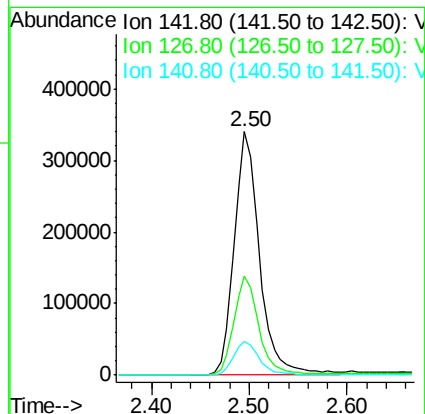
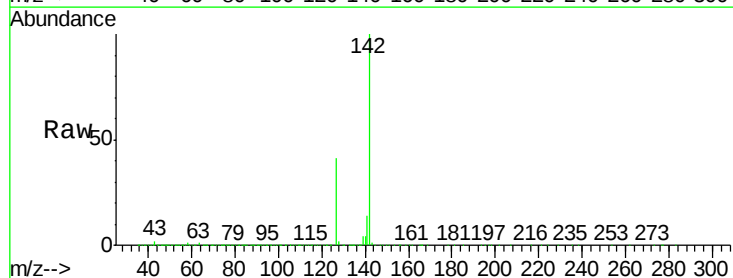
RT: 2.50 min Scan# 220

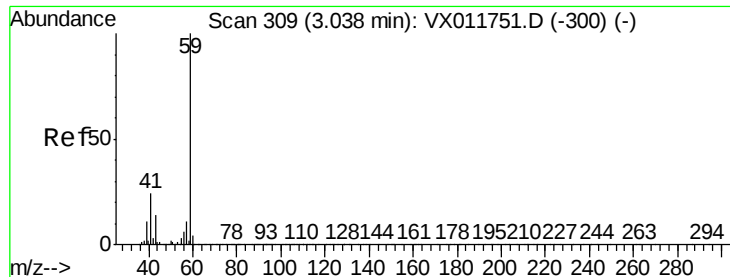
Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:	142	Resp:	615541
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.5	50.3
141	14.3	11.4	17.2





#11

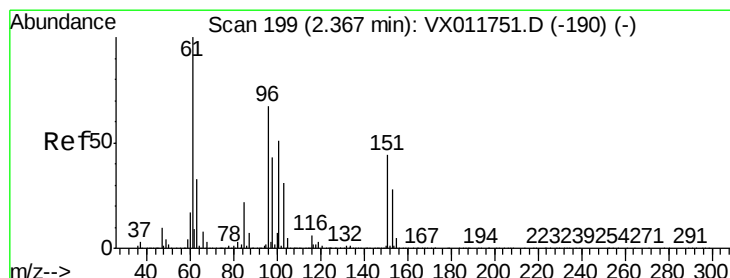
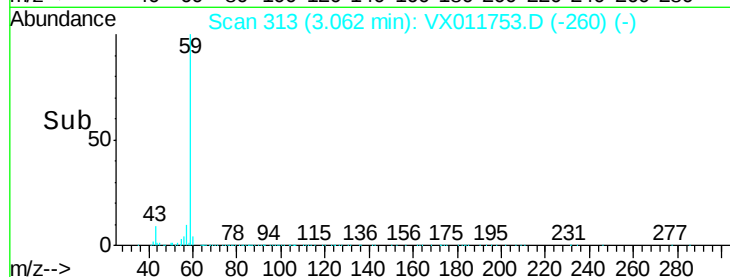
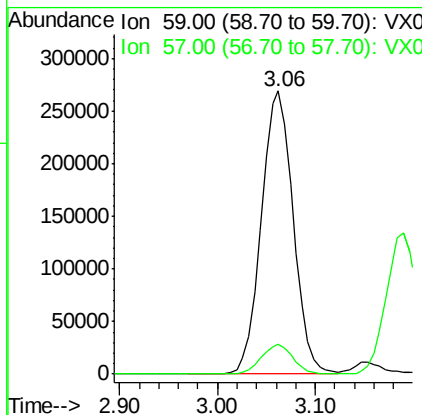
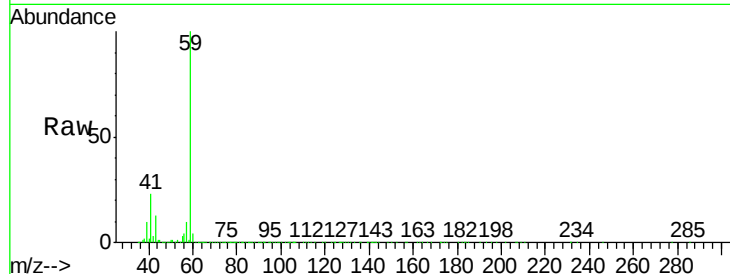
Tert butyl alcohol
Concen: 680.135 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

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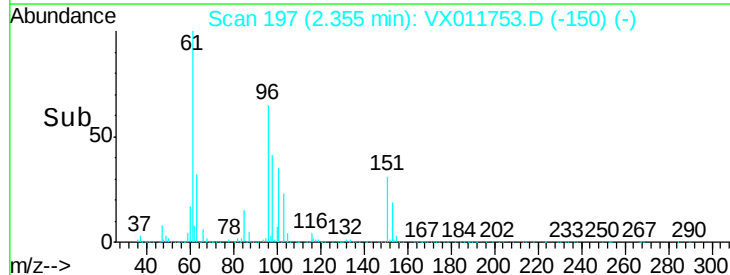
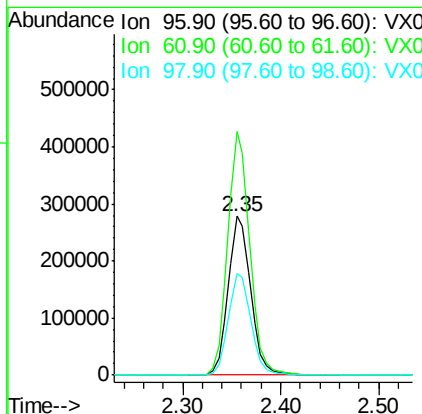
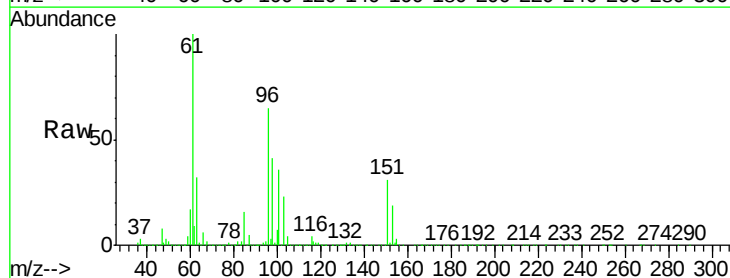
MMDadoda
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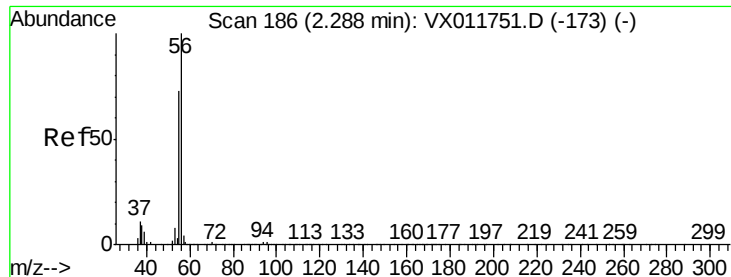


#12

1,1-Dichloroethene
Concen: 130.678 ug/l
RT: 2.35 min Scan# 197
Delta R.T. -0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.4	119.4	179.2
98	63.6	51.2	76.8





#13

Acrolein

Concen: 871.869 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 266135

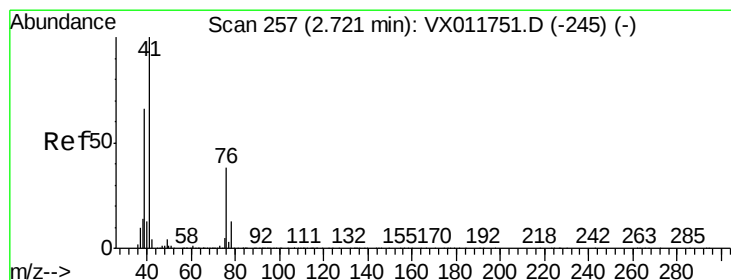
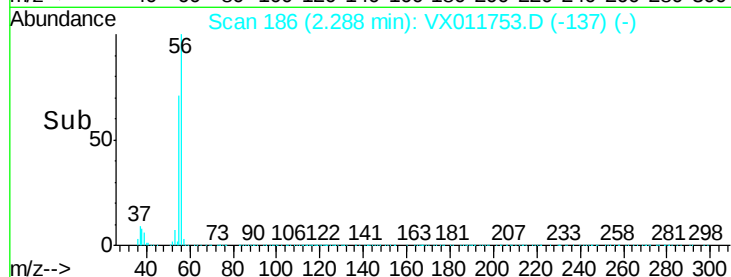
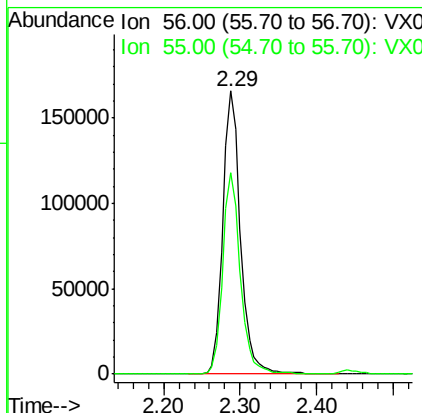
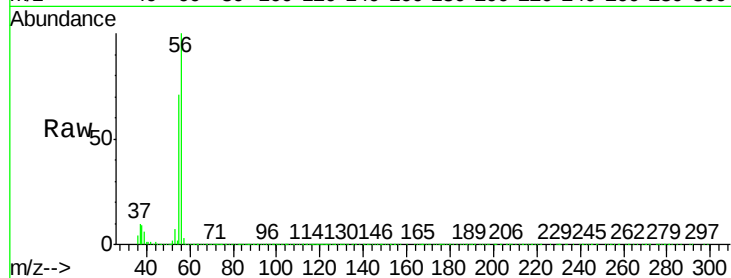
Ion Ratio Lower Upper

56 100

55 70.2 54.8 82.2

Manual Integrations
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#14

Allyl chloride

Concen: 130.896 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

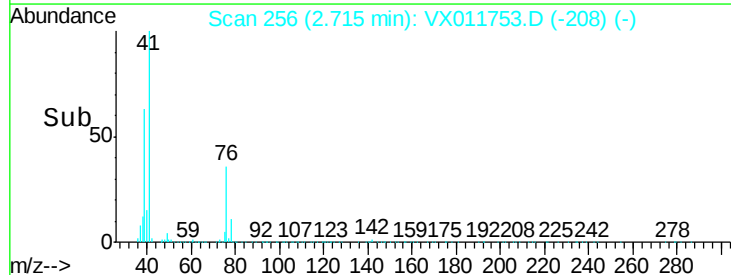
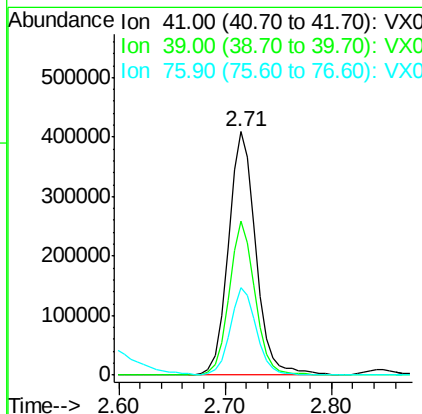
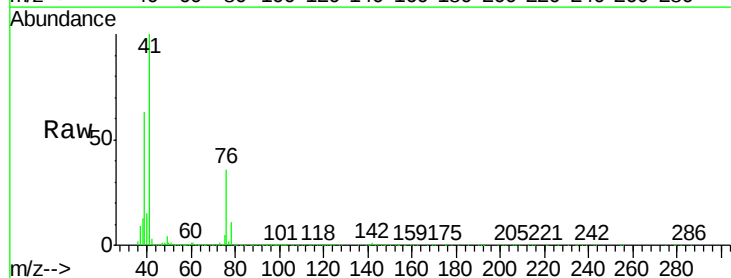
Tgt Ion: 41 Resp: 735484

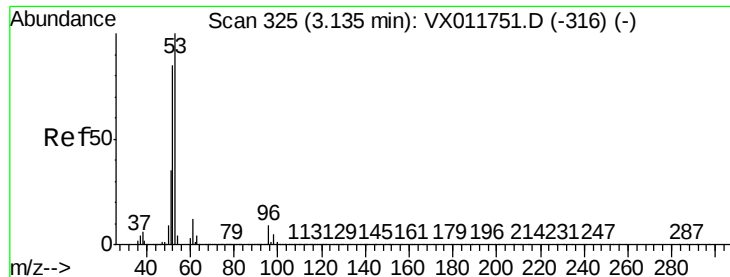
Ion Ratio Lower Upper

41 100

39 59.5 49.3 73.9

76 34.1 26.8 40.2





#15

Acrylonitrile

Concen: 649.322 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1334729

Ion Ratio Lower Upper

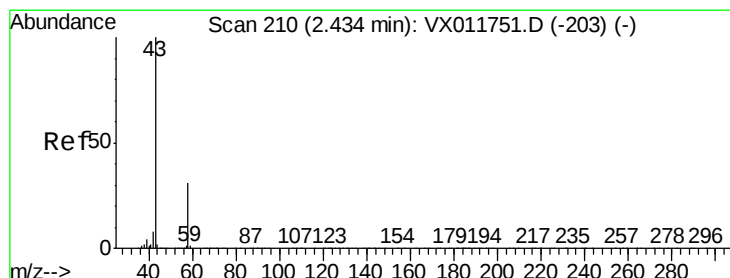
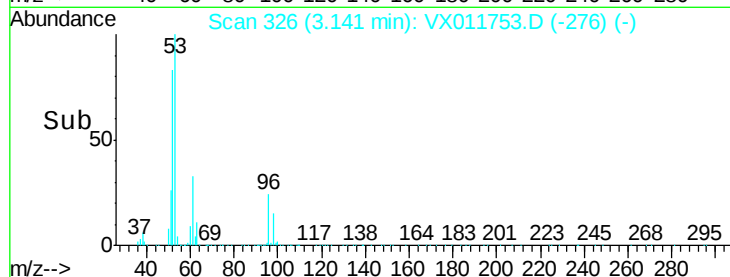
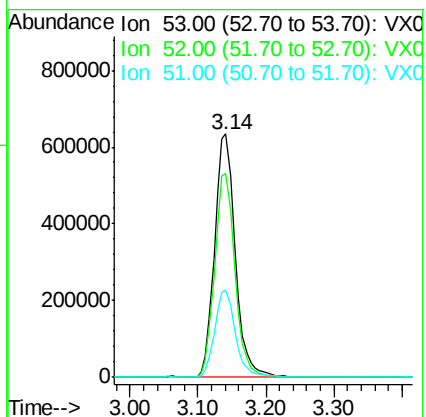
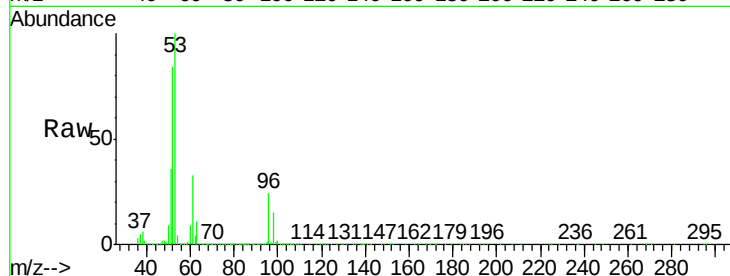
53 100

52 82.9 65.7 98.5

51 36.0 28.6 43.0

Manual Integrations
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#16

Acetone

Concen: 626.656 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011753.D

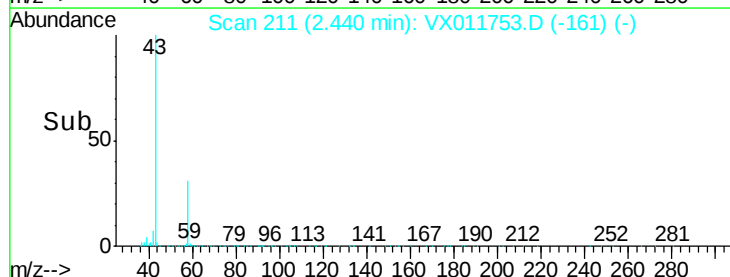
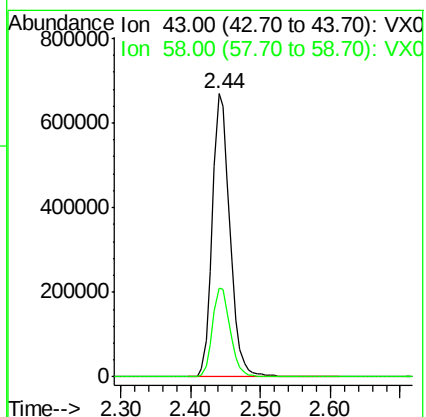
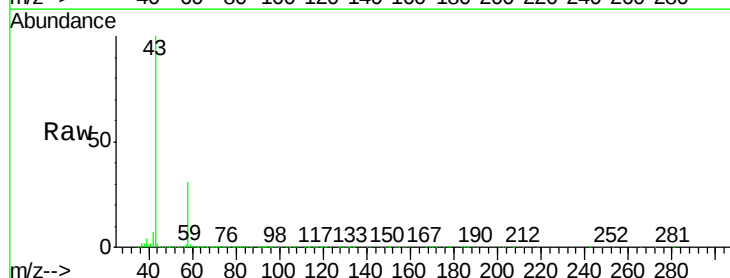
Acq: 22 Aug 2019 10:53

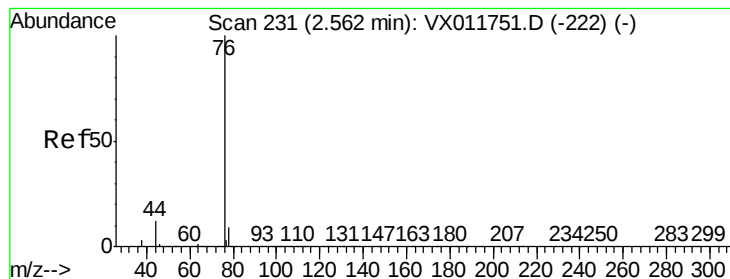
Tgt Ion: 43 Resp: 1168527

Ion Ratio Lower Upper

43 100

58 31.4 24.4 36.6





#17

Carbon Disulfide

Concen: 147.025 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1191552

Ion Ratio Lower Upper

76 100

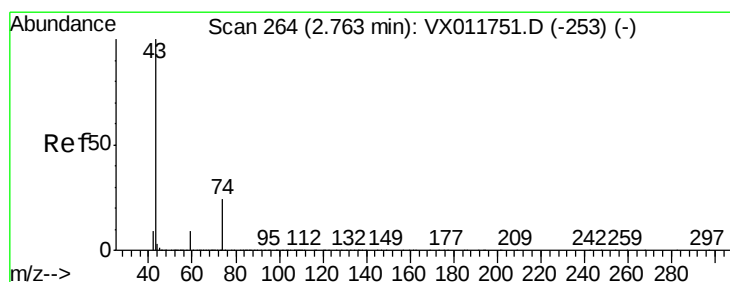
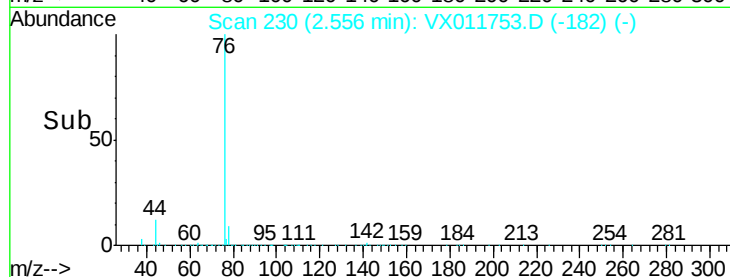
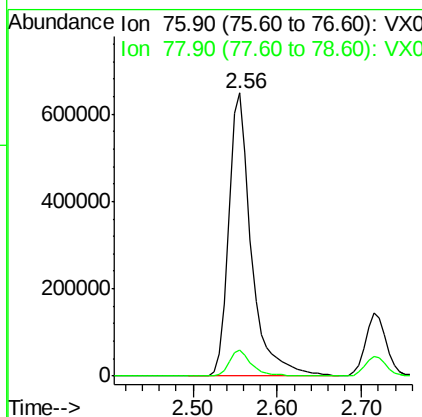
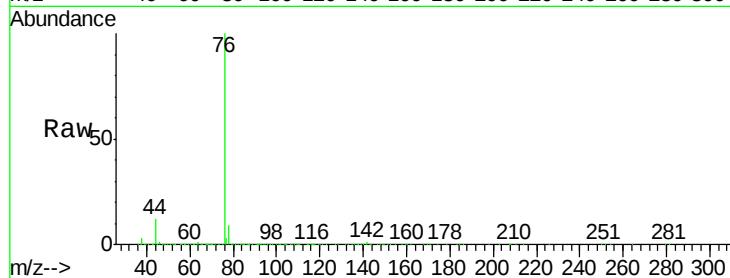
78 9.4 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 126.266 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011753.D

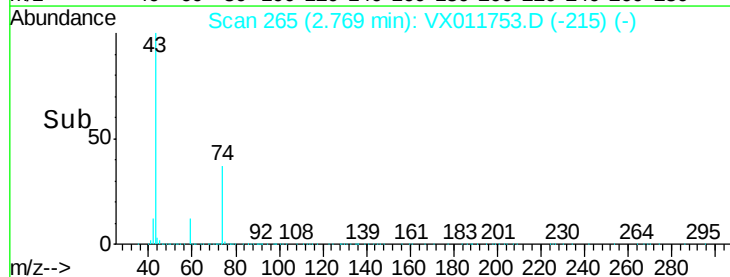
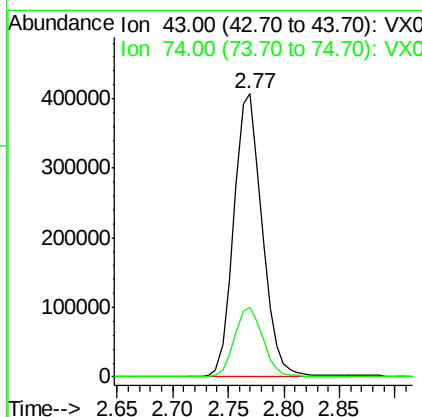
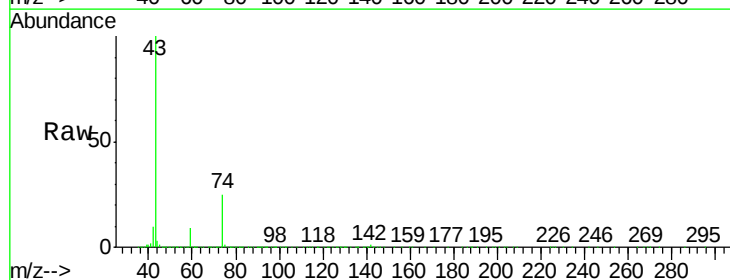
Acq: 22 Aug 2019 10:53

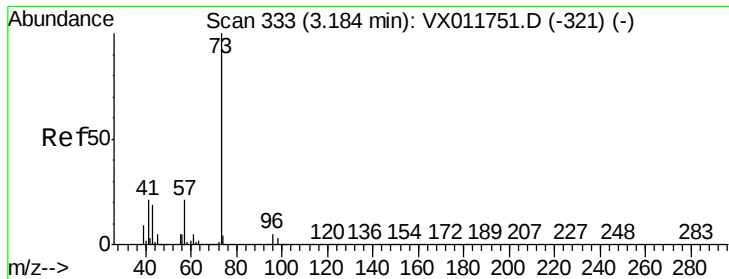
Tgt Ion: 43 Resp: 716143

Ion Ratio Lower Upper

43 100

74 25.2 19.5 29.3





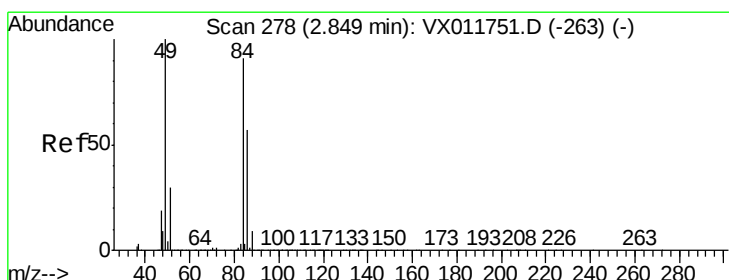
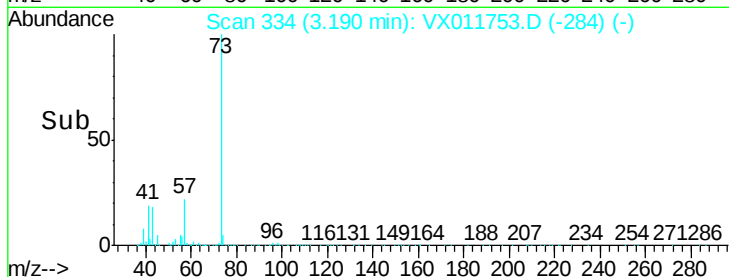
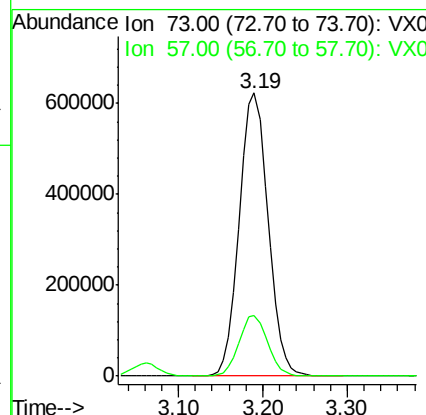
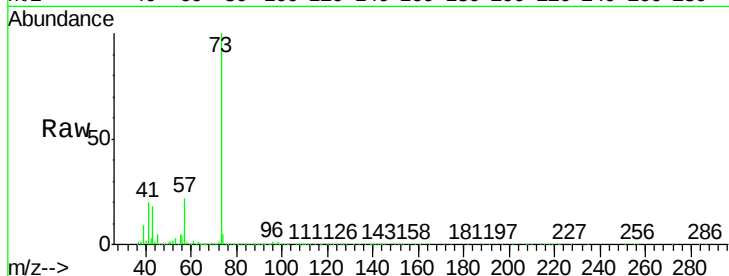
#19
Methvl tert-butvl Ether
Concen: 130.910 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1440929
Ion Ratio Lower Upper
73 100
57 21.6 16.4 24.6

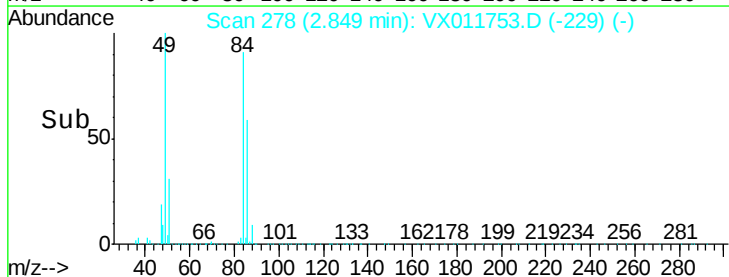
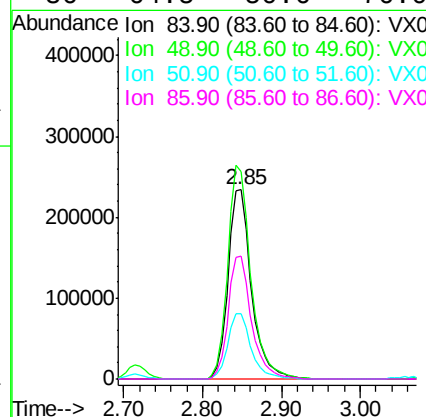
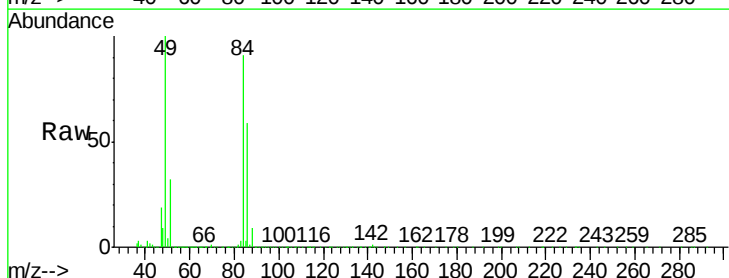
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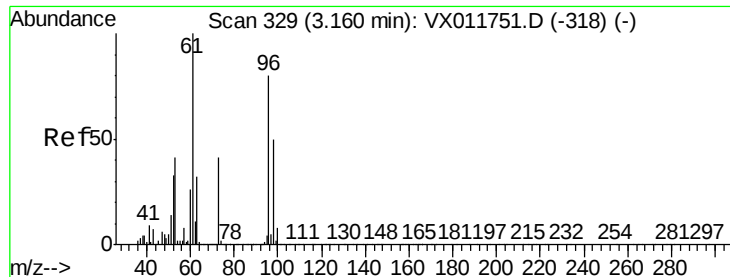
MMDadoda
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#20
Methylene Chloride
Concen: 123.658 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion: 84 Resp: 483292
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 34.5 26.2 39.2
86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 131.210 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

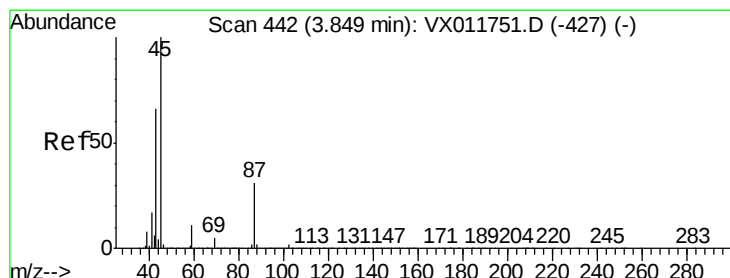
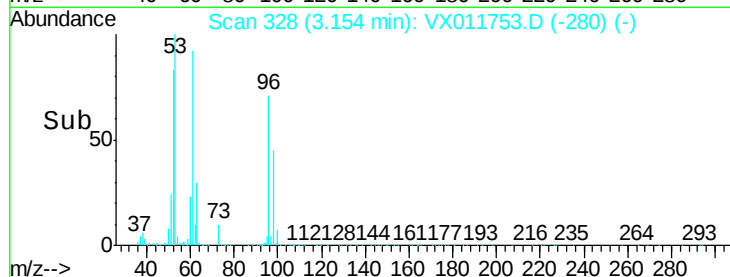
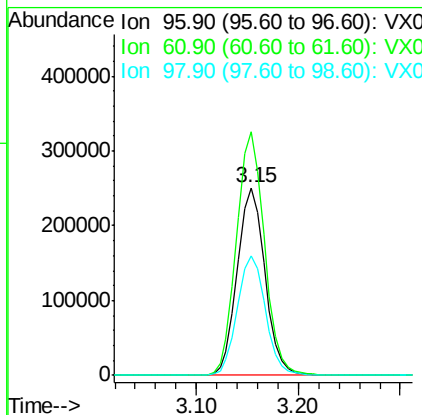
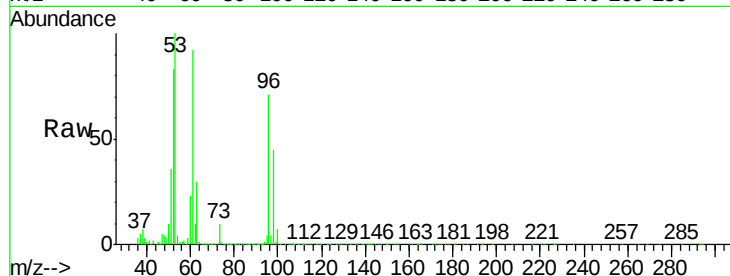
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	474108
Ion Ratio	Lower	Upper	
96	100		
61	129.5	99.8	149.8
98	63.3	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 125.823 ug/l

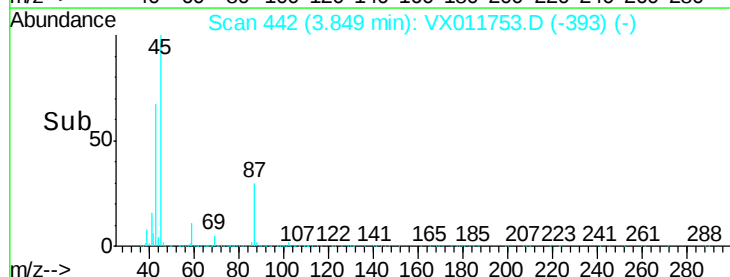
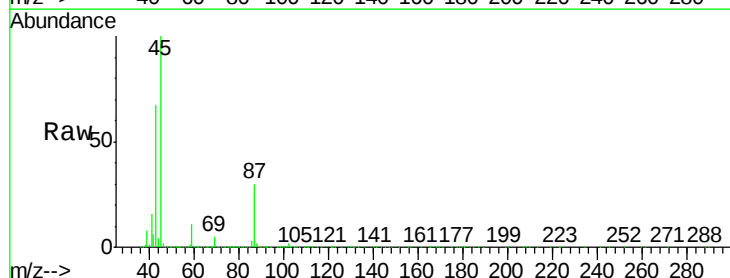
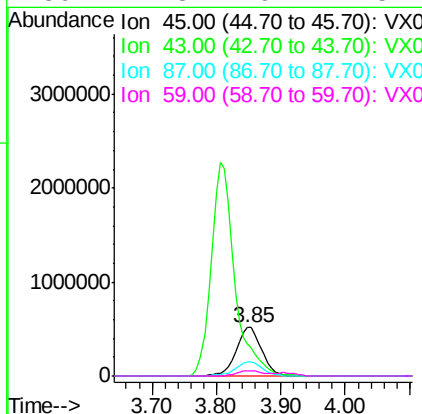
RT: 3.85 min Scan# 442

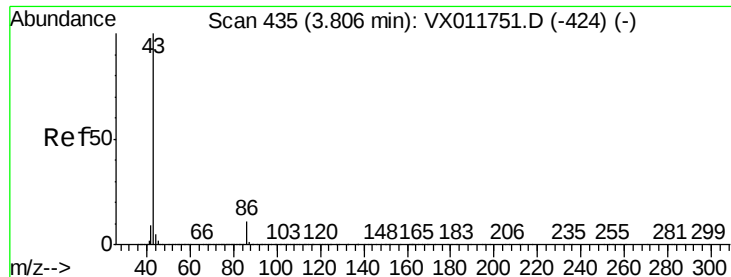
Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:	45	Resp:	1392757
Ion Ratio	Lower	Upper	
45	100		
43	66.3	53.0	79.6
87	30.0	24.7	37.1
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 661.297 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 5840971

Ion Ratio Lower Upper

43 100

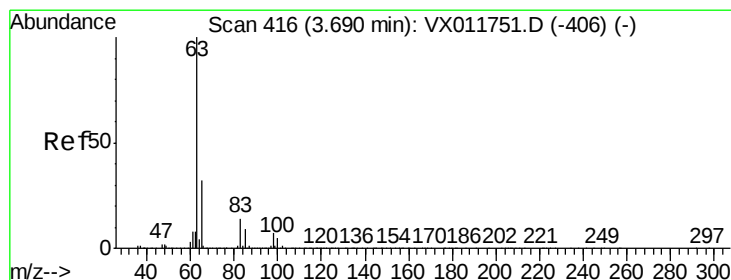
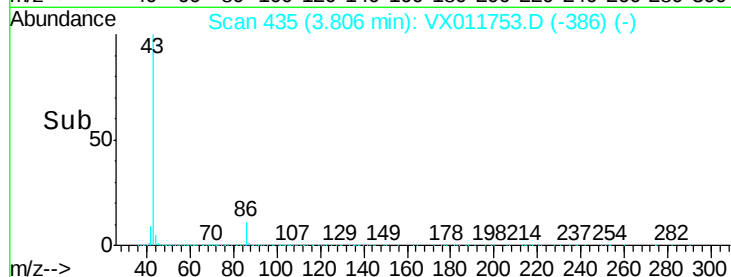
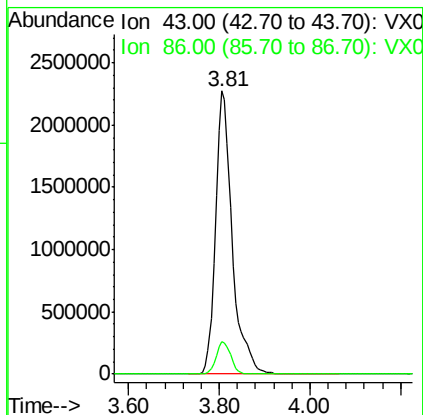
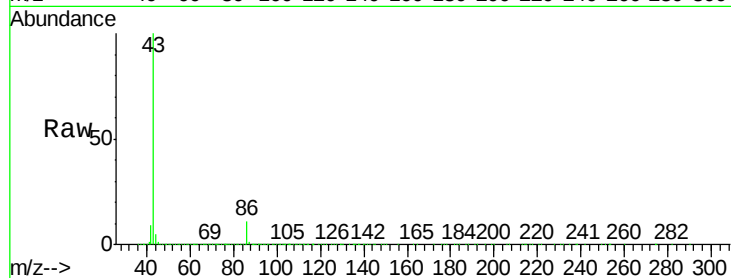
86 11.4 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 126.038 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

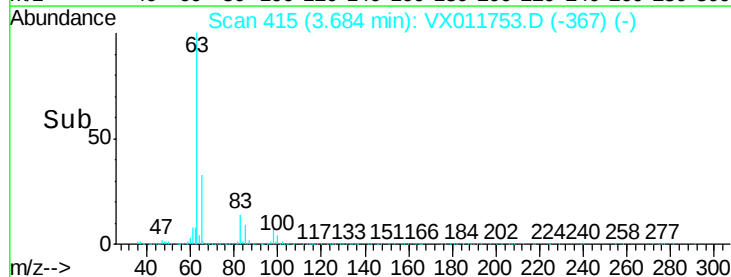
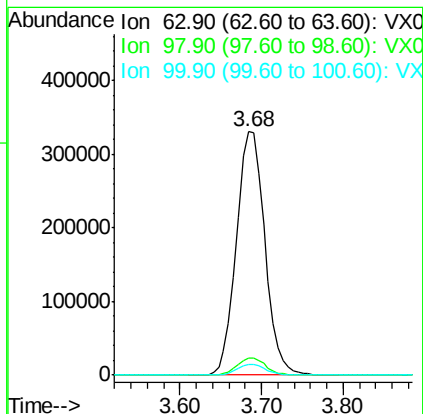
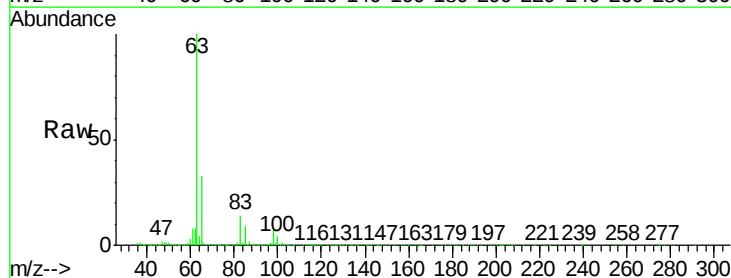
Tgt Ion: 63 Resp: 797494

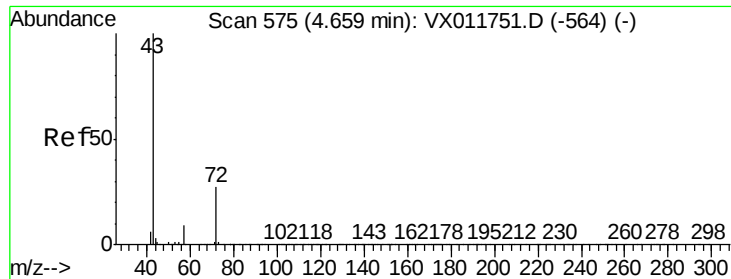
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 653.761 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tot Ion: 43 Resp: 1874807

Ion Ratio Lower Upper

43 100

72 27.5 21.8 32.6

Instrument :

MSVOA_X

ClientSampleId :

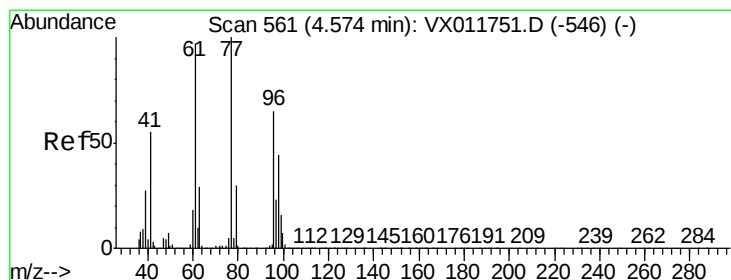
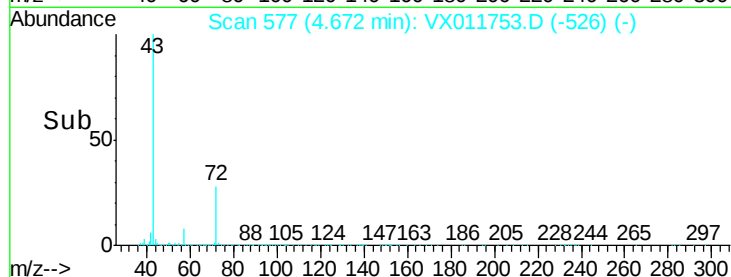
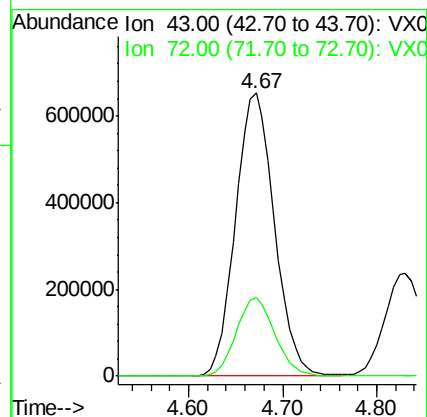
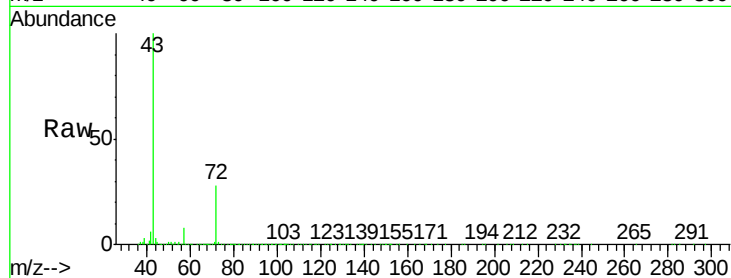
VSTDIC150

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 140.511 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011753.D

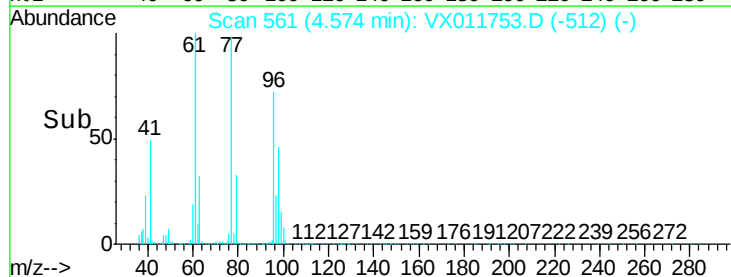
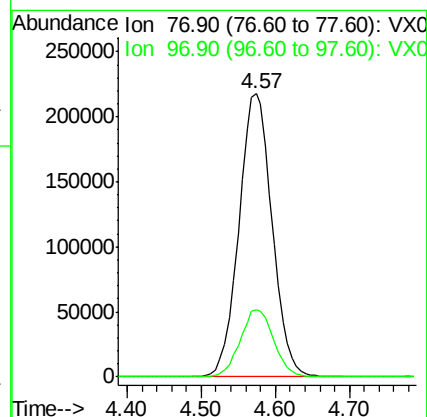
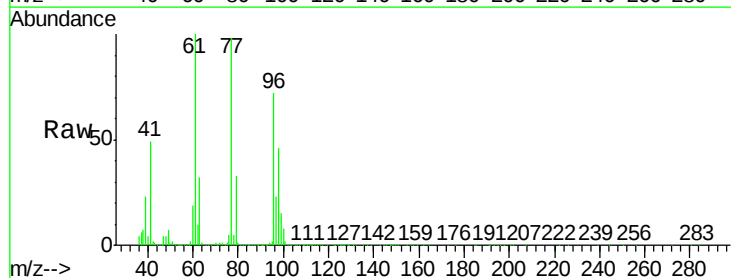
Acq: 22 Aug 2019 10:53

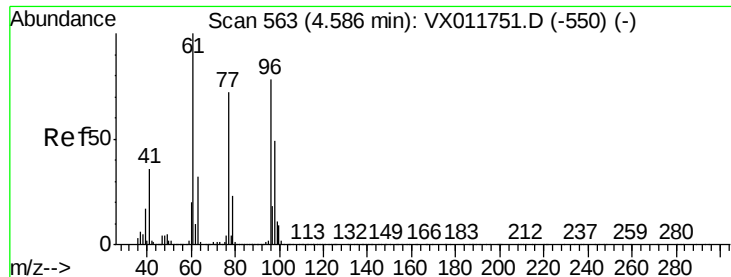
Tgt Ion: 77 Resp: 679387

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





#27

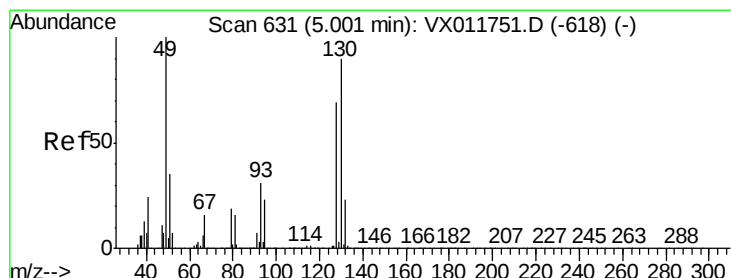
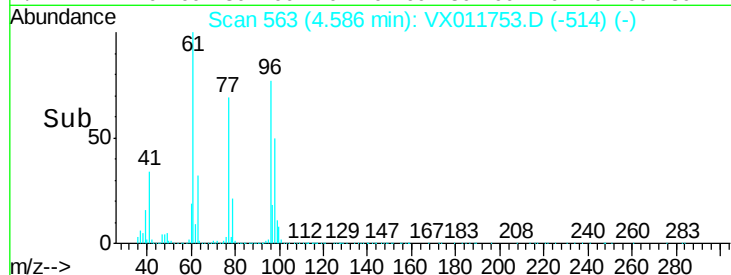
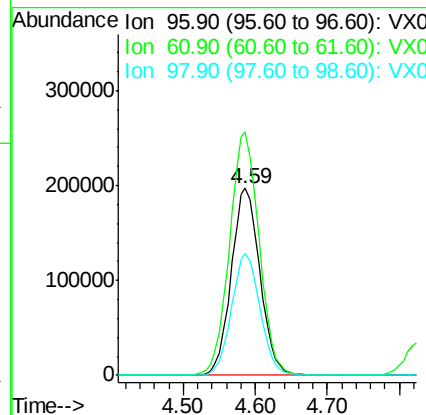
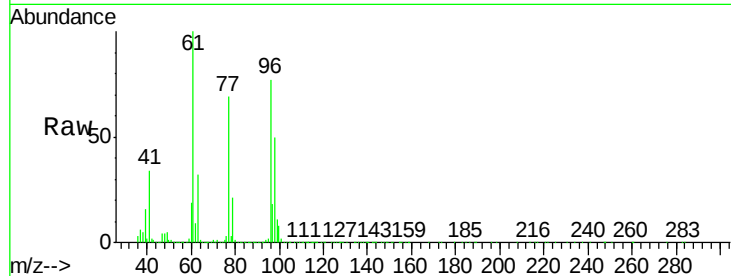
cis-1,2-Dichloroethene
Concen: 130.324 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.5	0.0	275.8
98	64.9	0.0	128.2

Manual Integrations
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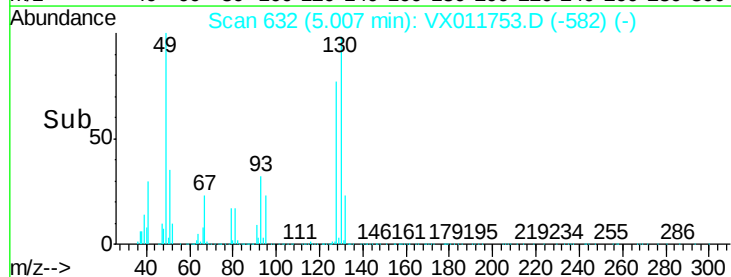
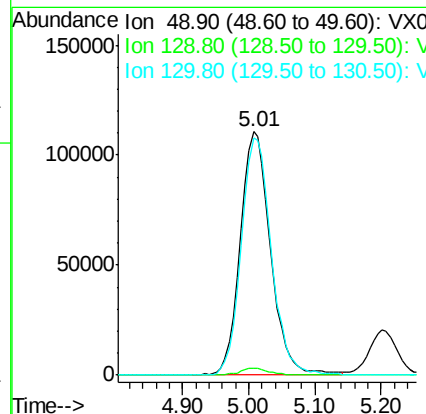
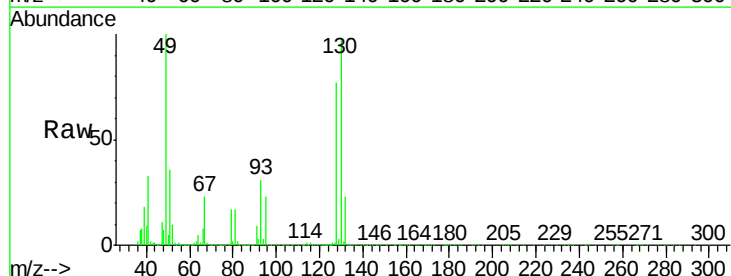
MMDadoda
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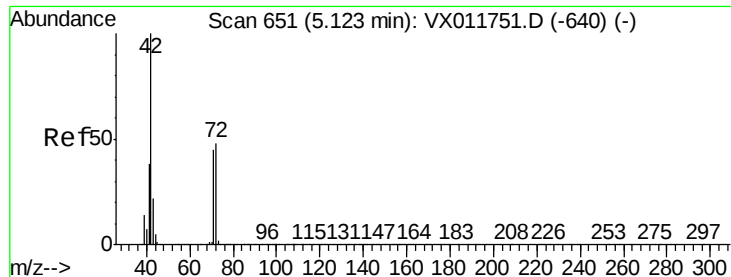


#28

Bromochloromethane
Concen: 125.994 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.8
130	97.2	76.8	115.2





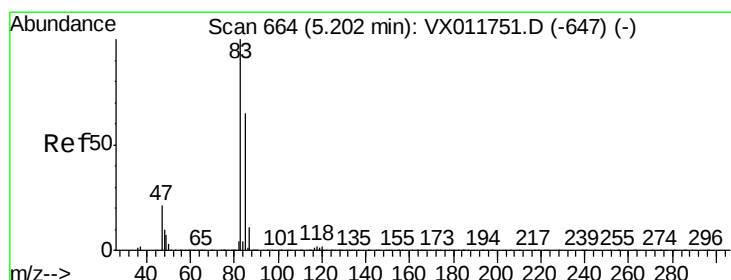
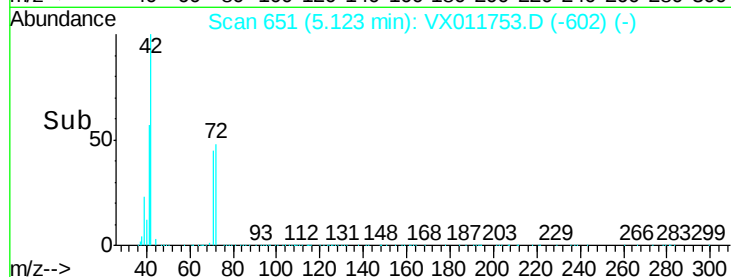
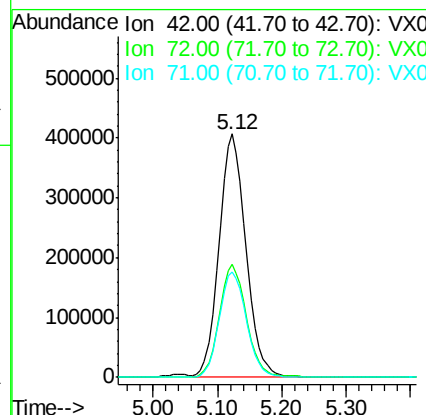
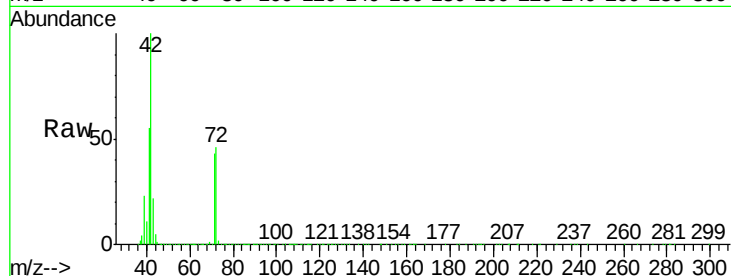
#29
Tetrahydrofuran
Concen: 631.783 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1190309
Ion Ratio Lower Upper
42 100
72 47.1 37.6 56.4
71 44.2 34.6 51.8

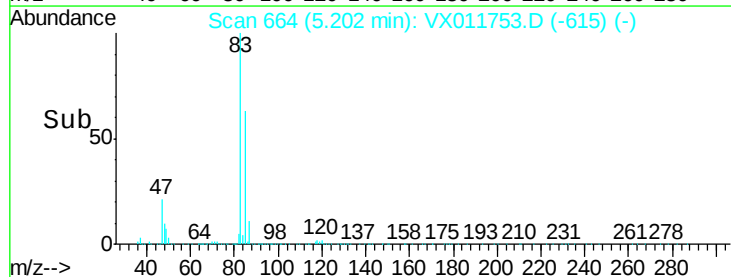
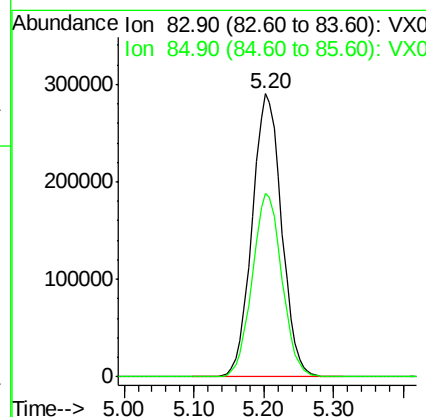
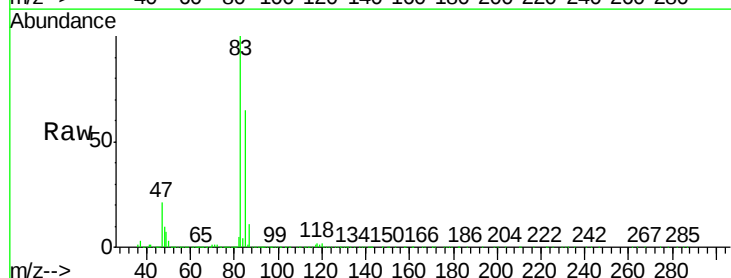
Manual Integrations
APPROVED

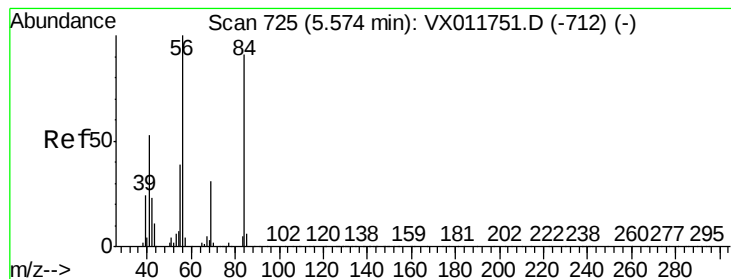
MMDadoda
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#30
Chloroform
Concen: 126.823 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion: 83 Resp: 847544
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 133.742 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

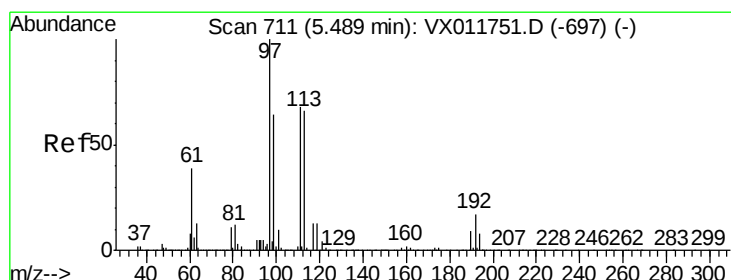
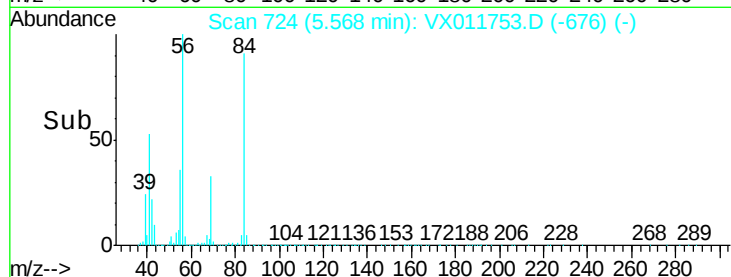
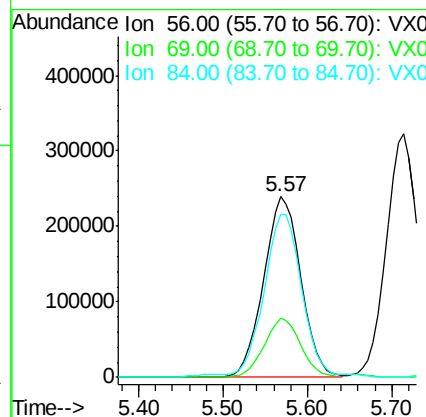
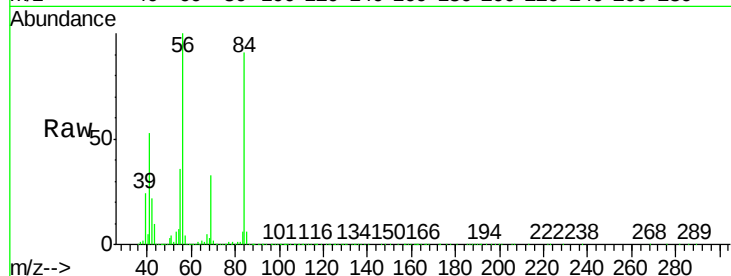
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.5	36.7
84	89.9	72.7	109.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 135.101 ug/l

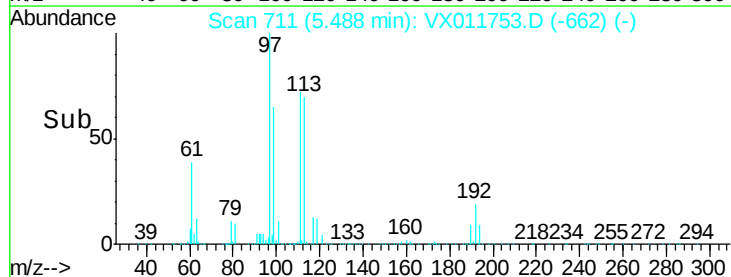
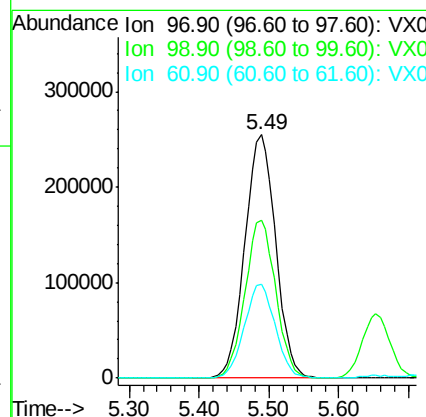
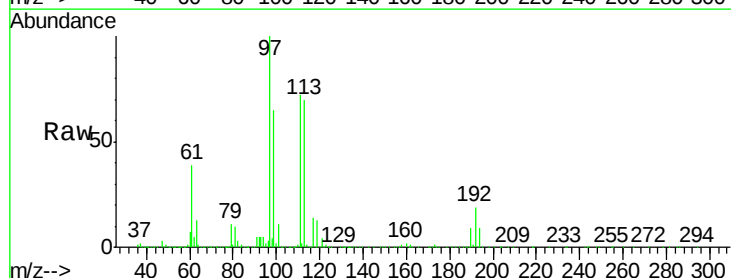
RT: 5.49 min Scan# 711

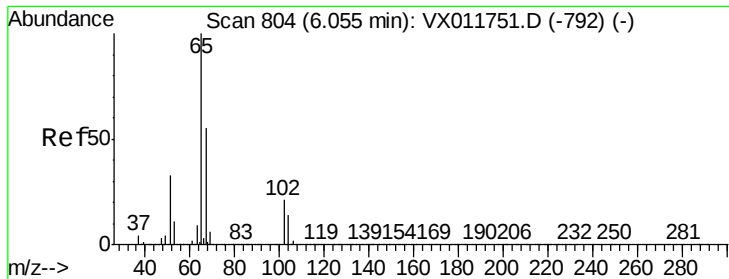
Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	38.5	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 143.423 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 549630

Ion Ratio Lower Upper

65 100

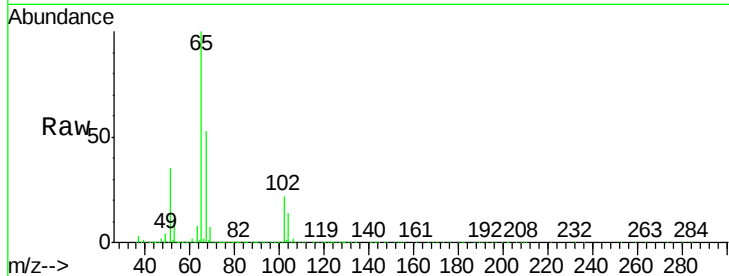
67 53.6 0.0 107.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

250000

200000

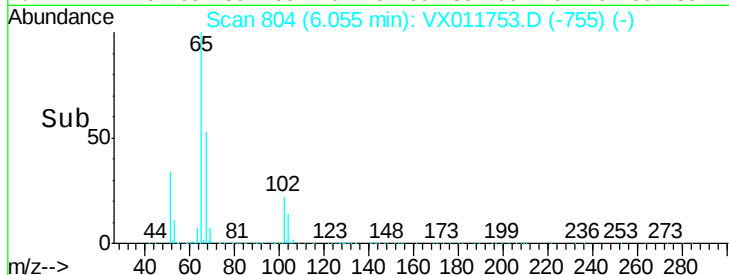
150000

100000

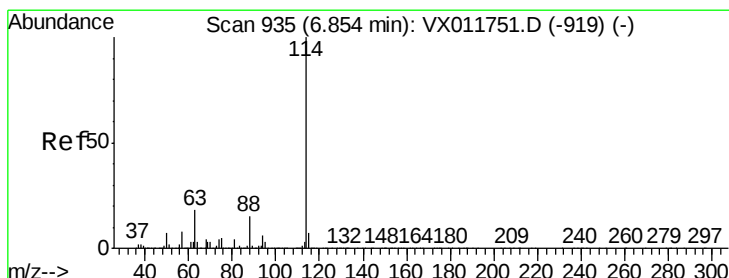
50000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

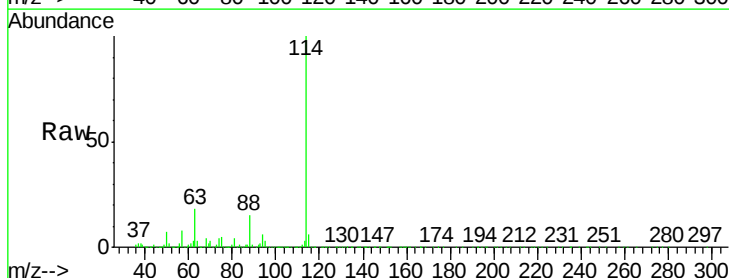
Tgt Ion: 114 Resp: 539335

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.8

88 15.1 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

300000

250000

200000

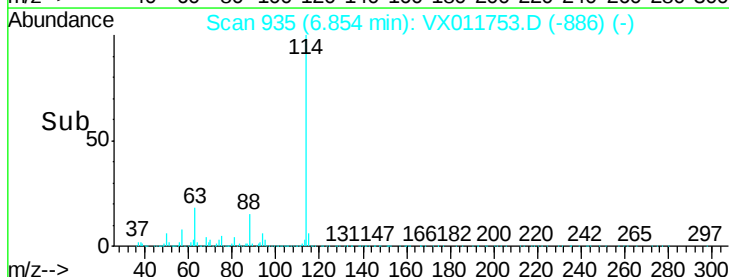
150000

100000

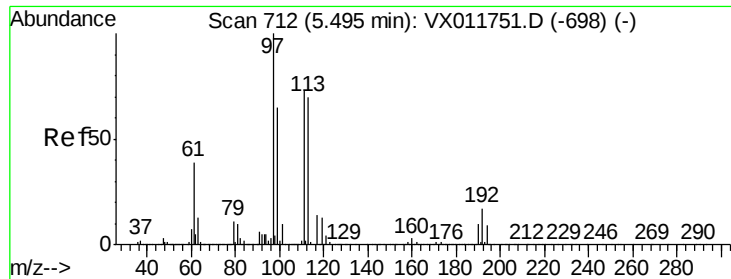
50000

0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 142.816 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

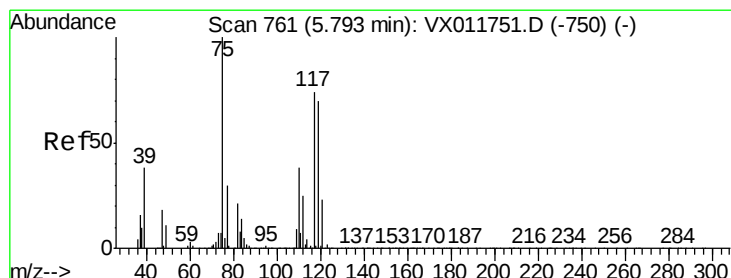
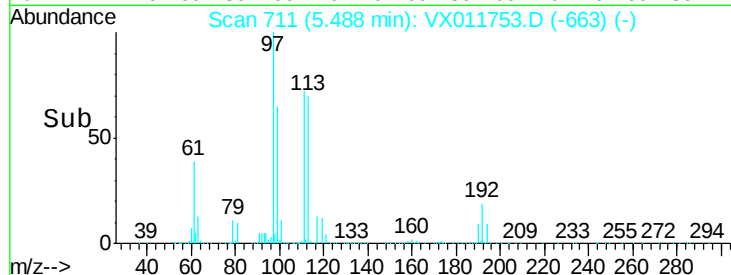
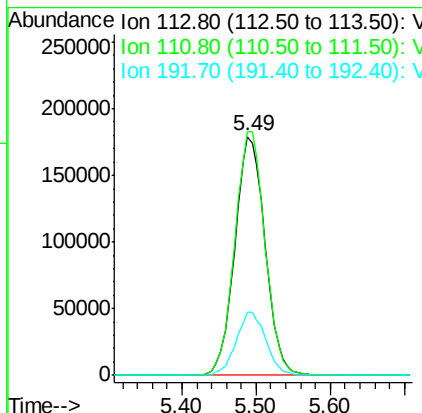
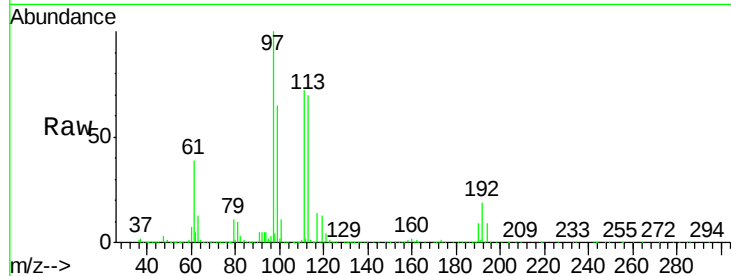
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	510398
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.0	121.4
192	26.1	19.9	29.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 138.743 ug/l

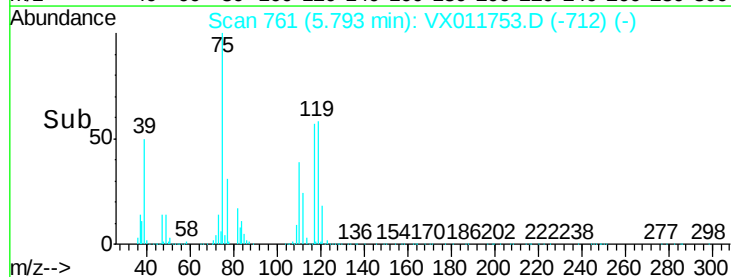
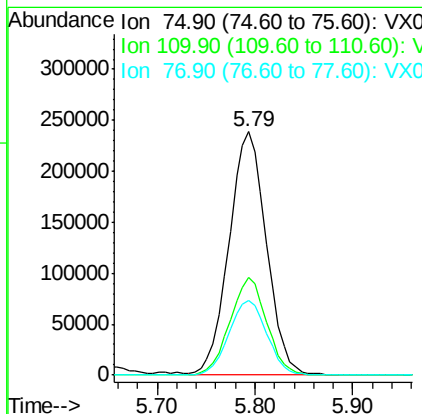
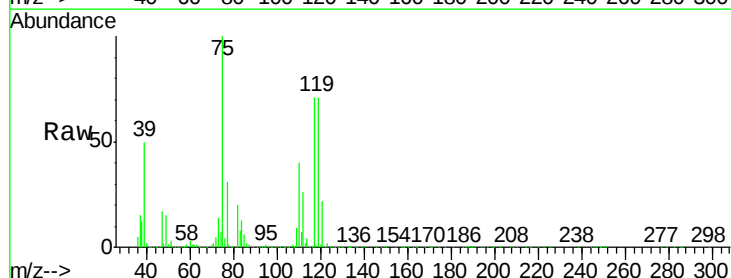
RT: 5.79 min Scan# 761

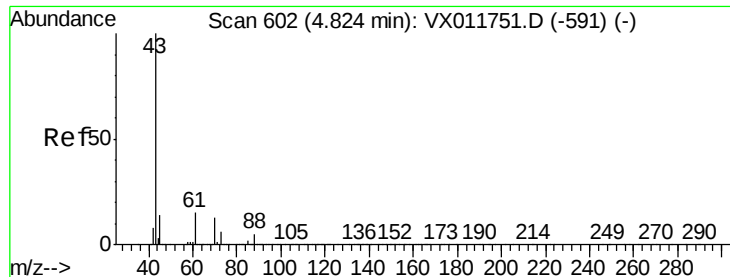
Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:	75	Resp:	629589
Ion Ratio	Lower	Upper	
75	100		
110	39.7	19.0	57.0
77	31.3	24.6	36.8





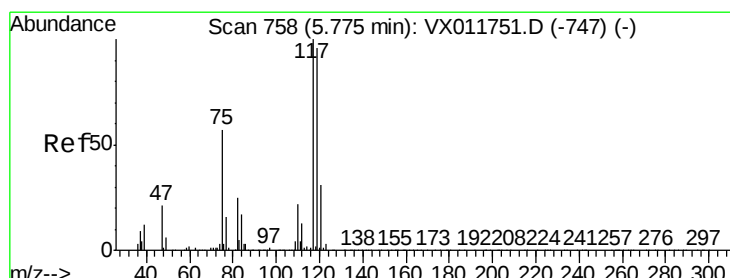
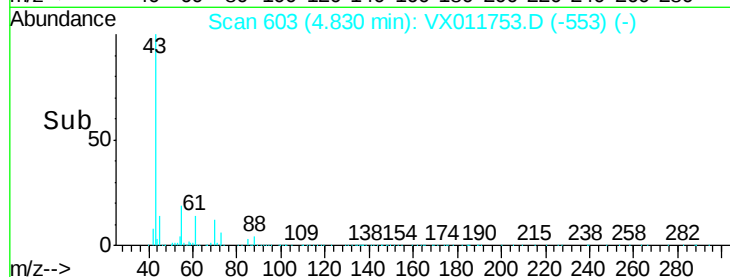
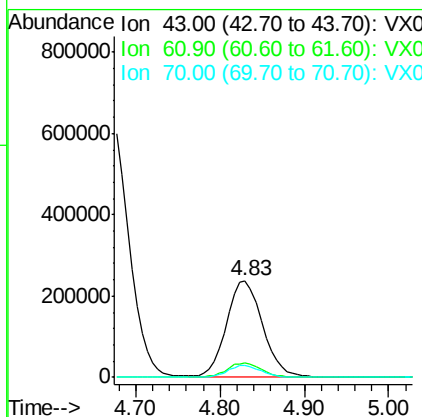
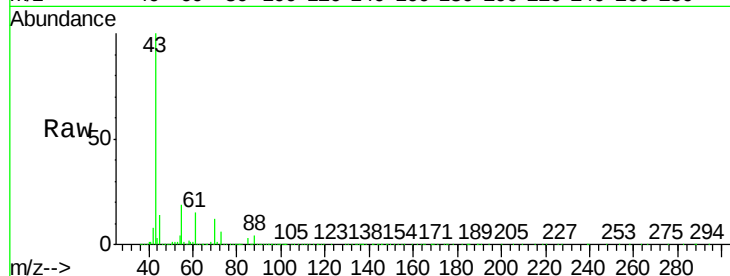
#37
Ethyl Acetate
Concen: 132.302 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.5	9.5	14.3

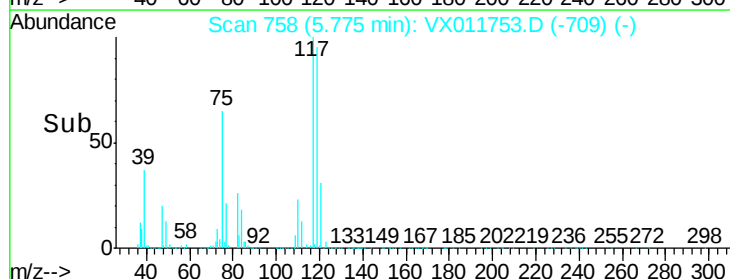
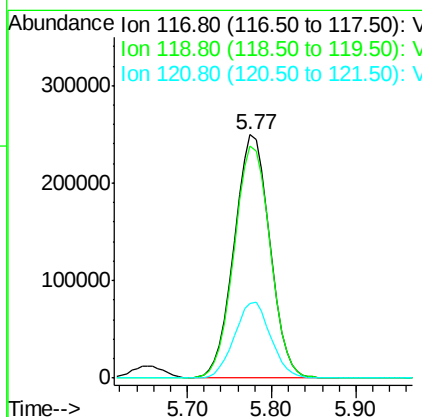
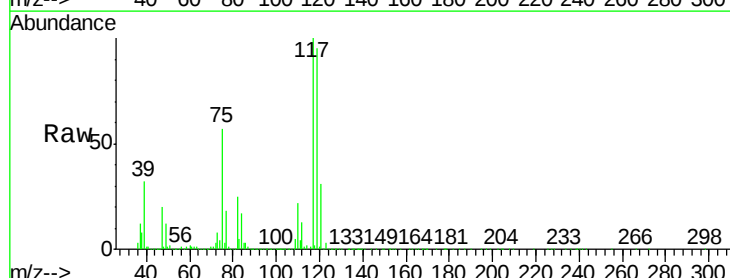
Manual Integrations
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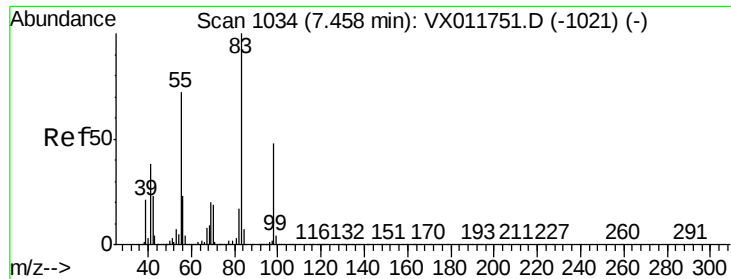
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#38
Carbon Tetrachloride
Concen: 142.524 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	114.8
121	30.9	25.2	37.8





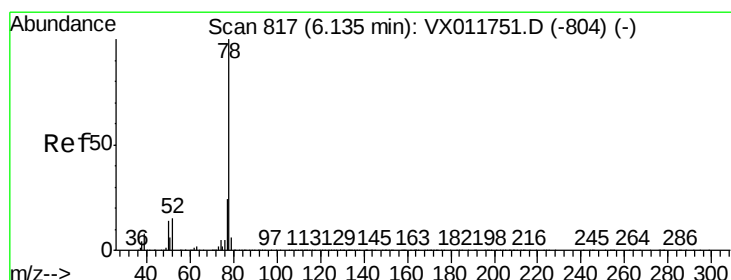
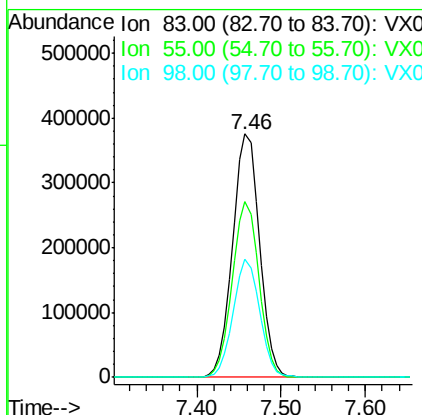
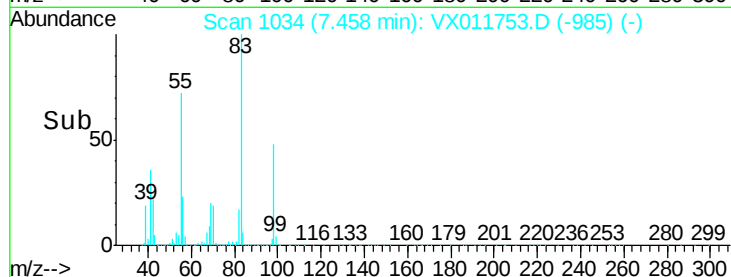
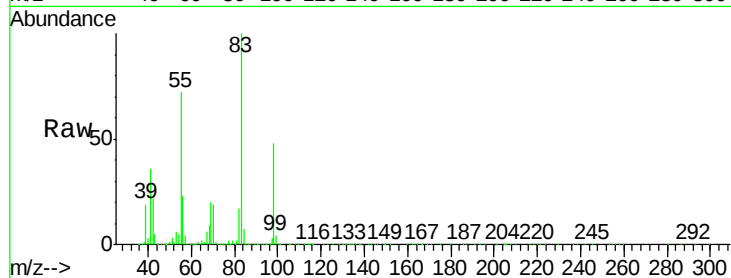
#39
Methvlcvclohexane
Concen: 142.759 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.8	86.6
98	48.4	38.6	58.0

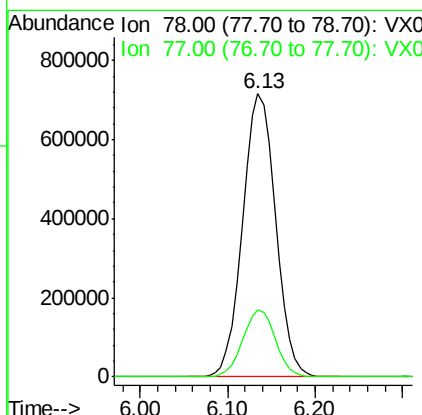
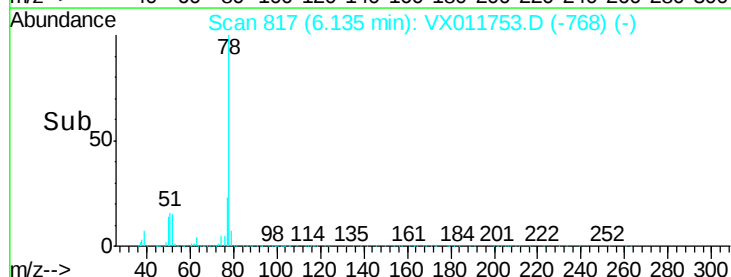
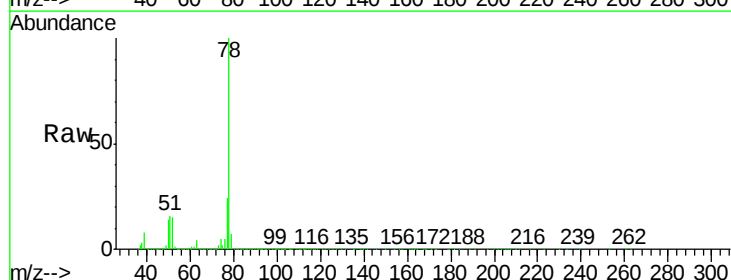
Manual Integrations
APPROVED

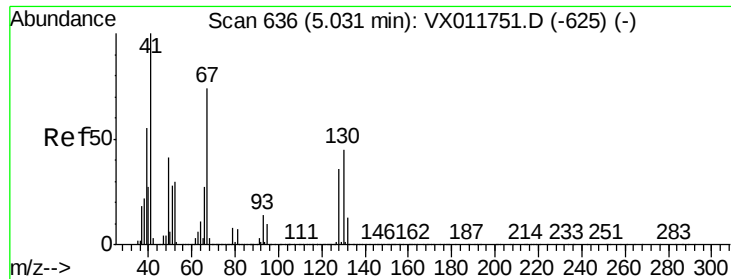
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#40
Benzene
Concen: 133.452 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





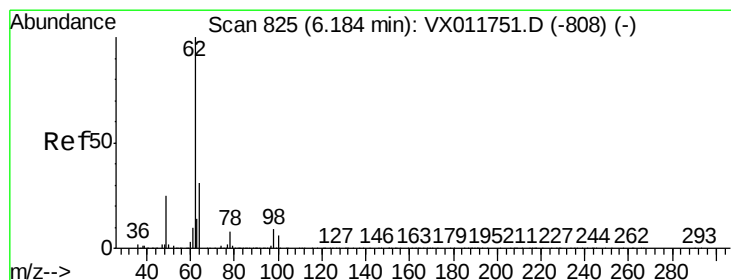
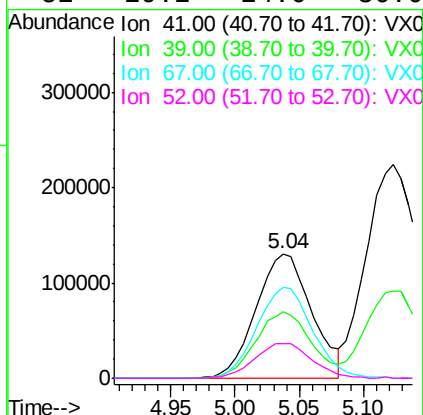
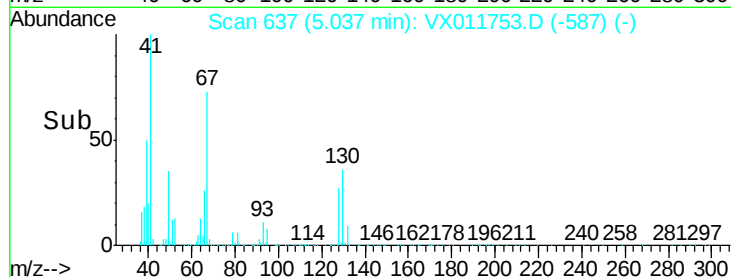
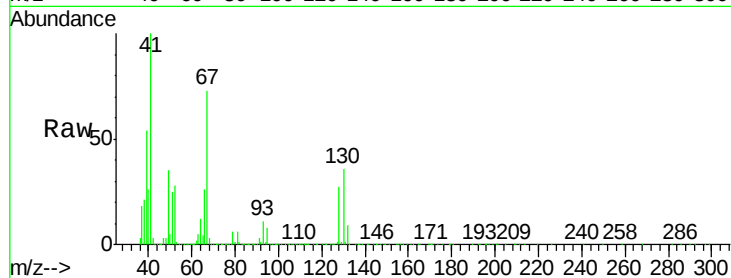
#41
Methacrylonitrile
Concen: 137.186 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		389616		
39	53.0	44.3	66.5		
67	73.2	60.3	90.5		
52	29.2	24.0	36.0		

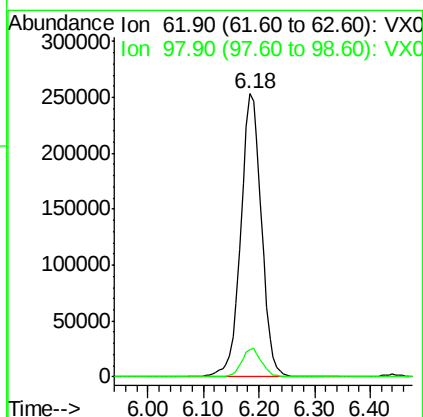
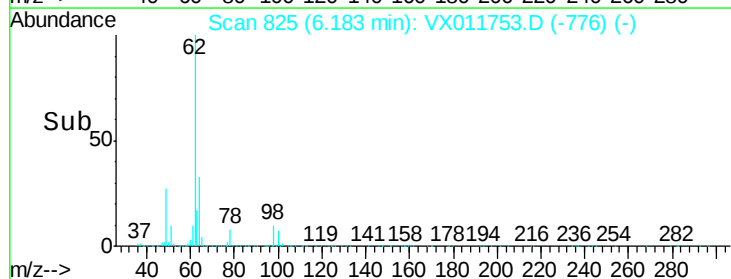
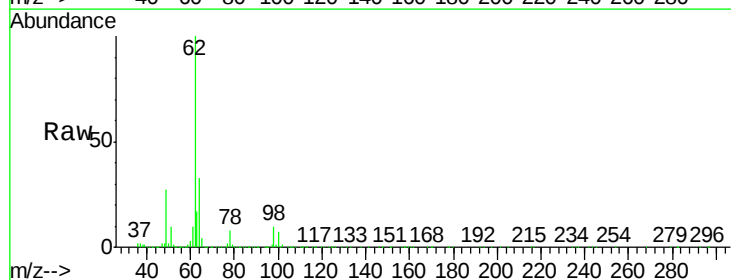
Manual Integrations
APPROVED

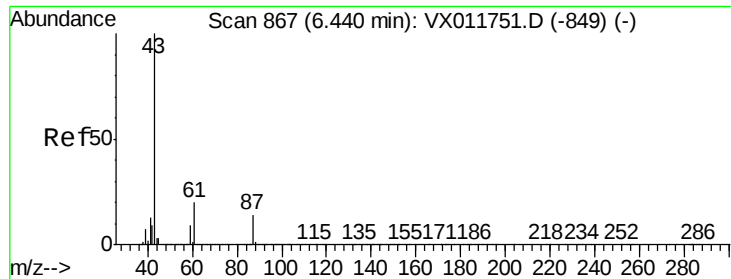
MMDadoda
8/23/2019 1:55:57 PM



#42
1,2-Dichloroethane
Concen: 131.605 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		647652		
98	9.9	0.0	18.8		





#43

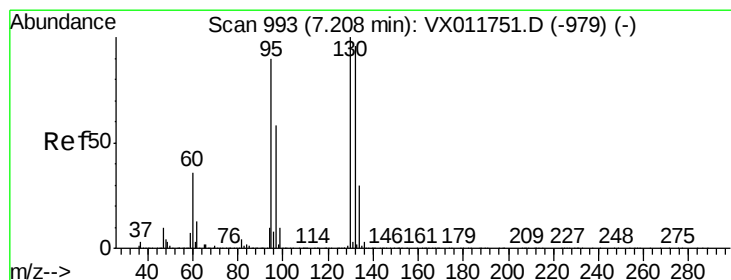
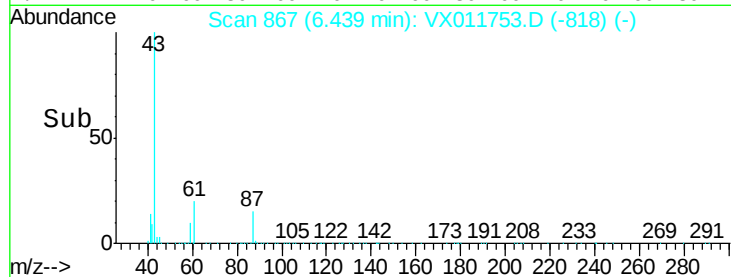
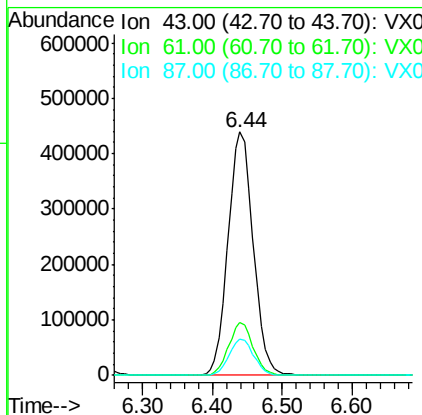
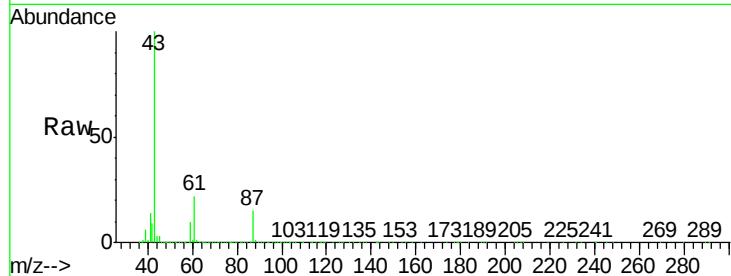
Isopropyl Acetate
 Concen: 134.886 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.2	24.2
87	14.7	11.6	17.4

Manual Integrations
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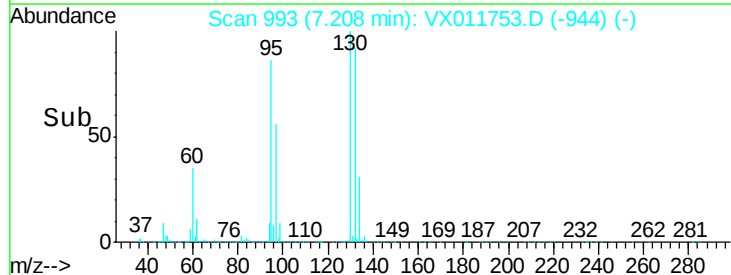
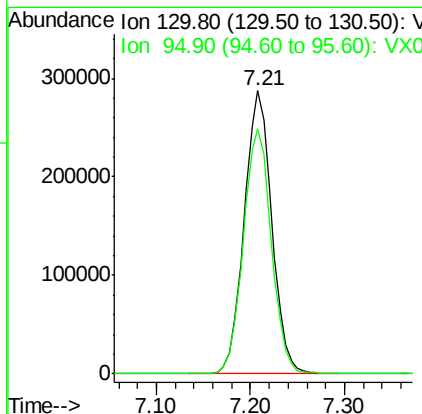
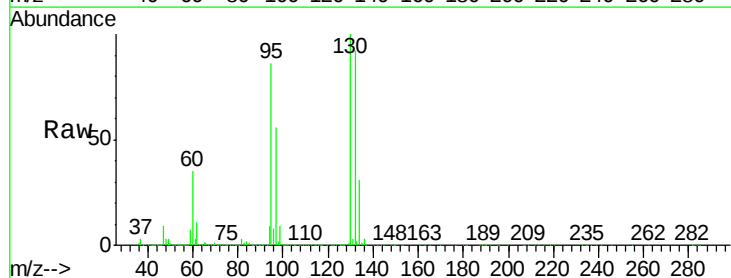
MMDadoda
 8/23/2019 1:55:57 PM

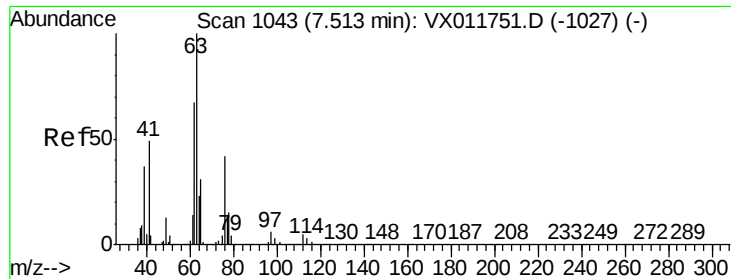


#44

Trichloroethene
 Concen: 139.858 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	179.0





#45

1,2-Dichloropropane

Concen: 135.467 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 475810

Ion Ratio Lower Upper

63 100

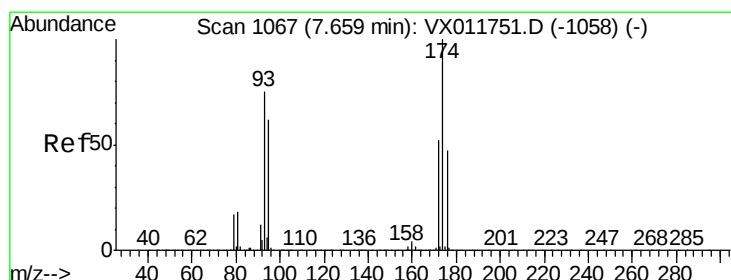
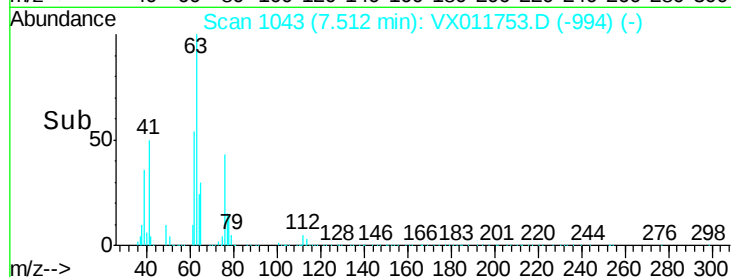
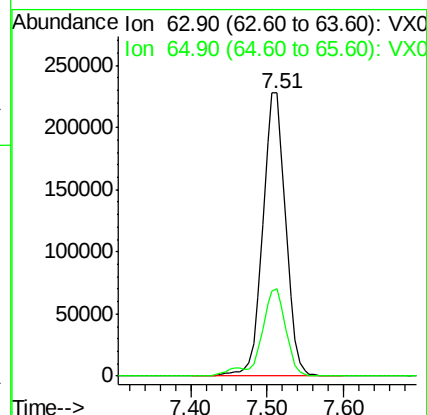
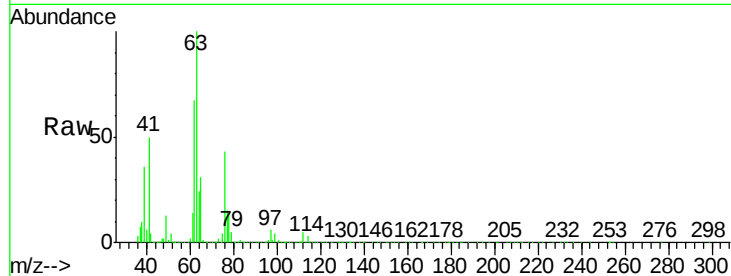
65 30.9 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 131.557 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

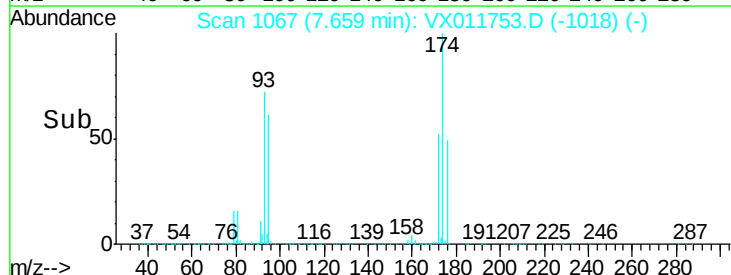
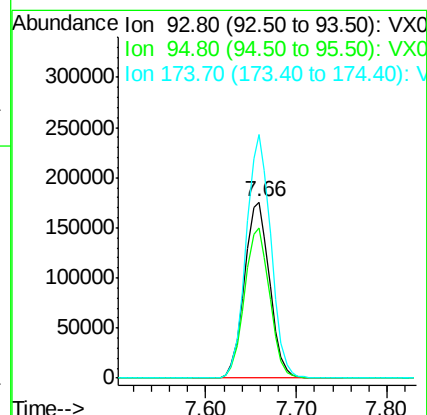
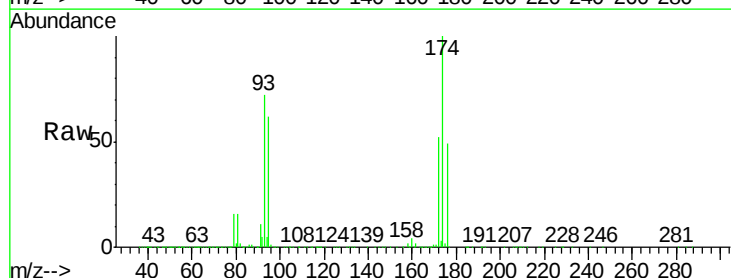
Tgt Ion: 93 Resp: 338654

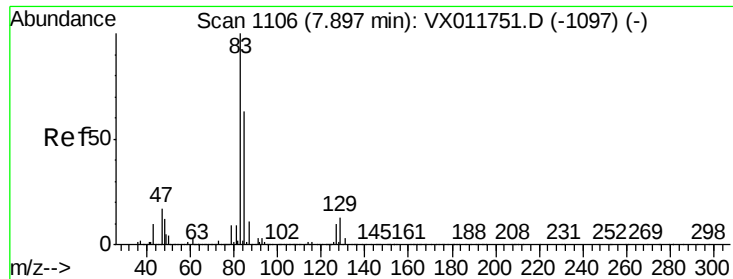
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.2

174 135.3 104.2 156.4





#47

Bromodichloromethane

Concen: 139.983 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

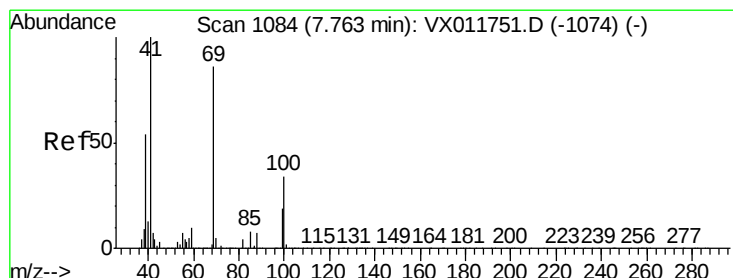
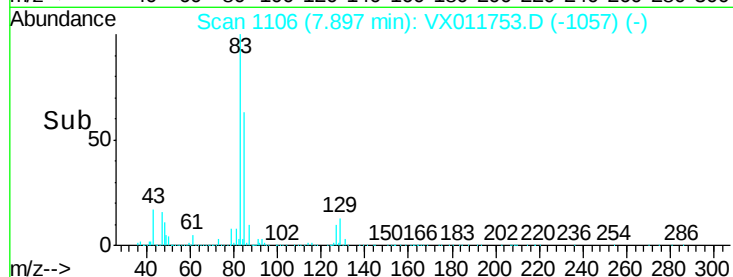
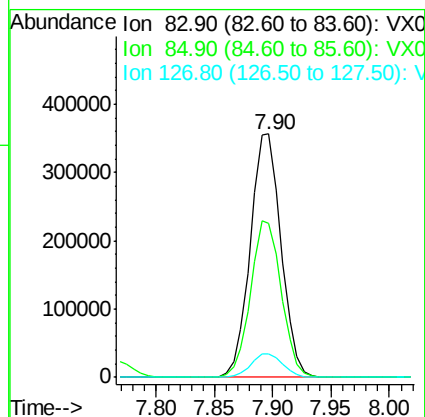
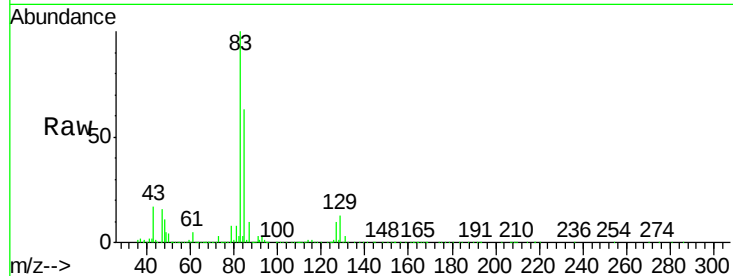
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	659399
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.6	76.0
127	9.6	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 138.326 ug/l

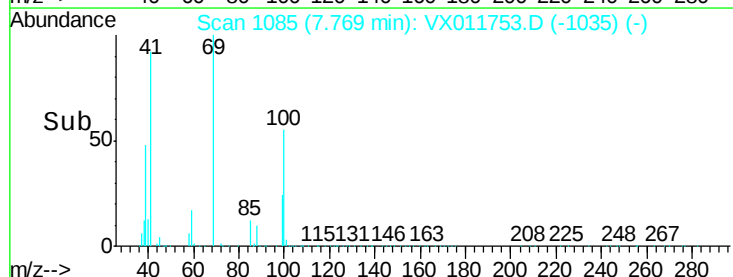
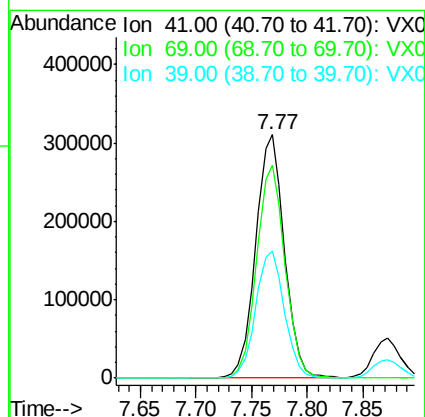
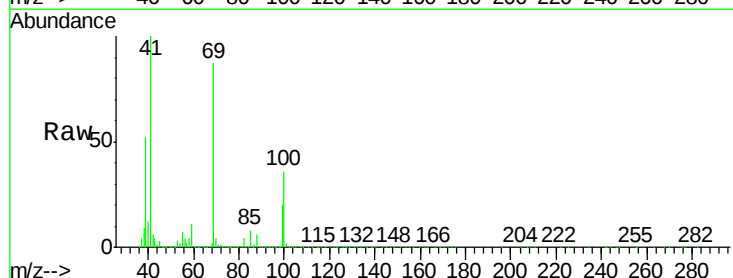
RT: 7.77 min Scan# 1085

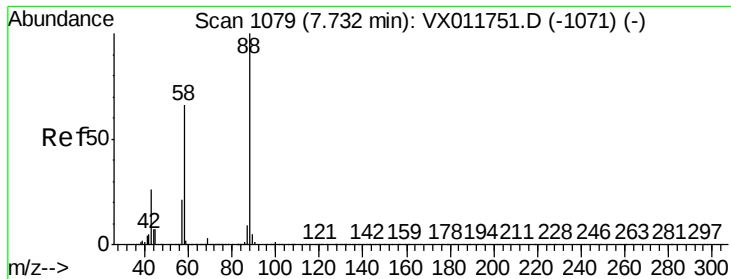
Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:	41	Resp:	555809
Ion Ratio	Lower	Upper	
41	100		
69	87.1	69.4	104.2
39	52.4	43.6	65.4





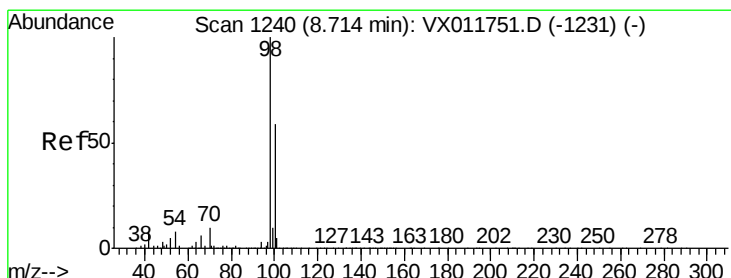
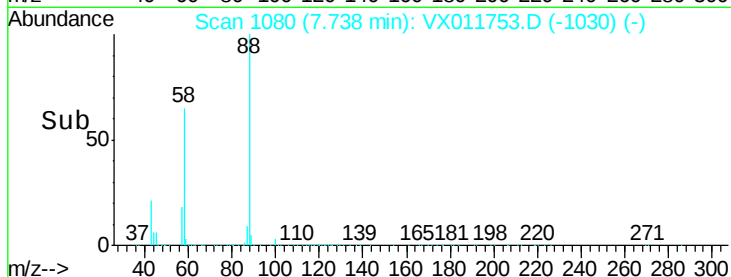
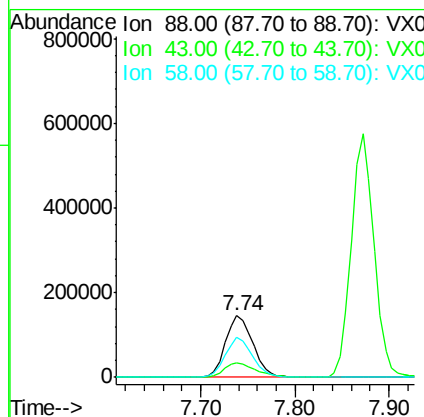
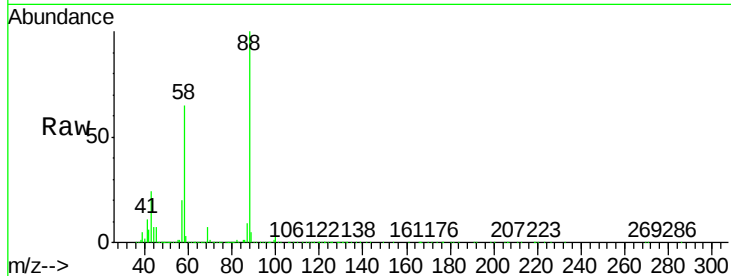
#49
1,4-Dioxane
Concen: 2723.716 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	291975
Ion	Ratio	Lower	Upper
88	100		
43	27.9	24.6	37.0
58	64.9	51.4	77.2

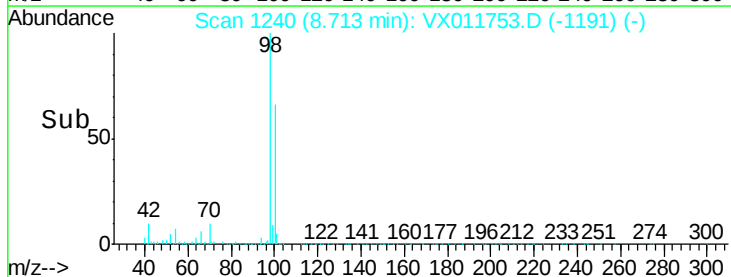
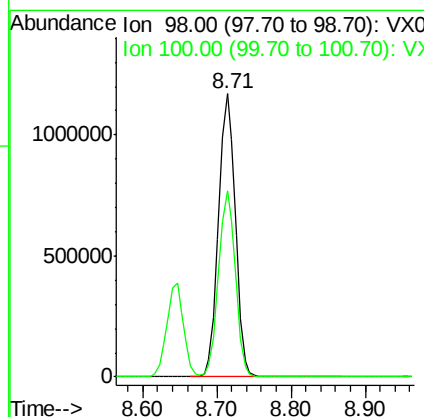
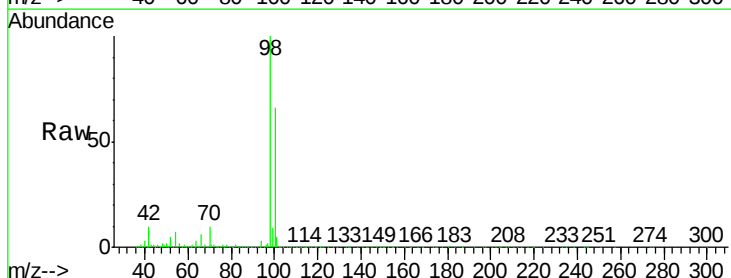
Manual Integrations
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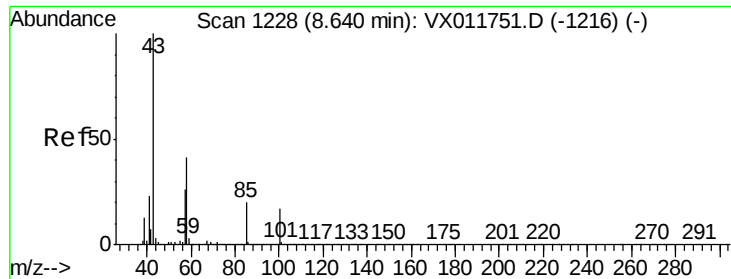
MMDadoda
8/23/2019 1:55:57 PM



#50
Toluene-d8
Concen: 158.315 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	98	Resp	1815013
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 672.311 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3557789

Ion Ratio Lower Upper

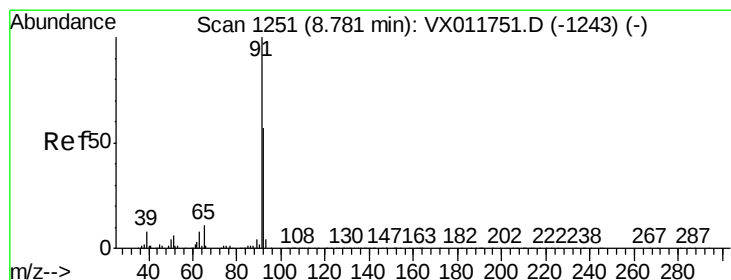
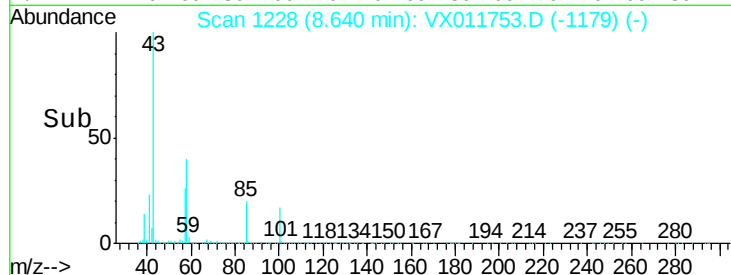
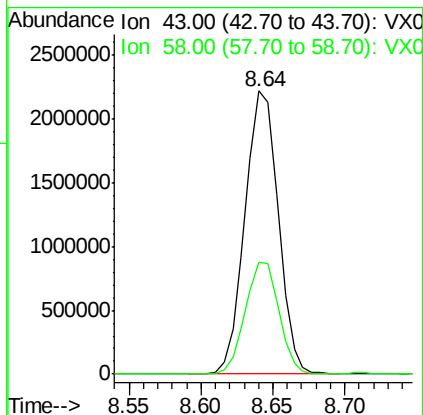
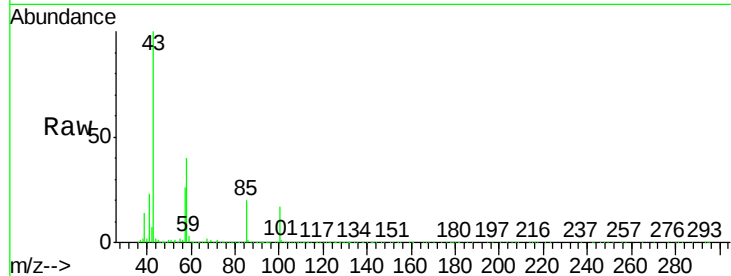
43 100

58 40.0 31.8 47.6

Manual Integrations
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#52

Toluene

Concen: 132.114 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011753.D

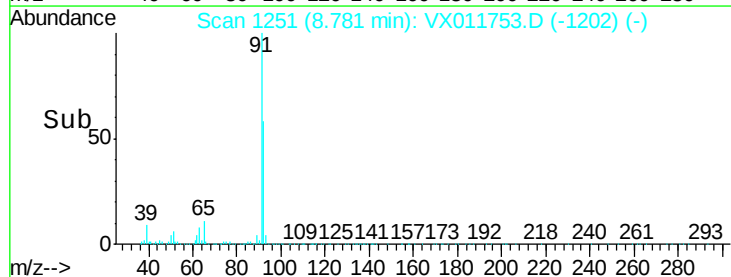
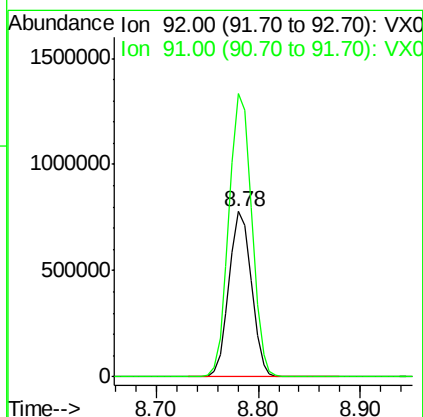
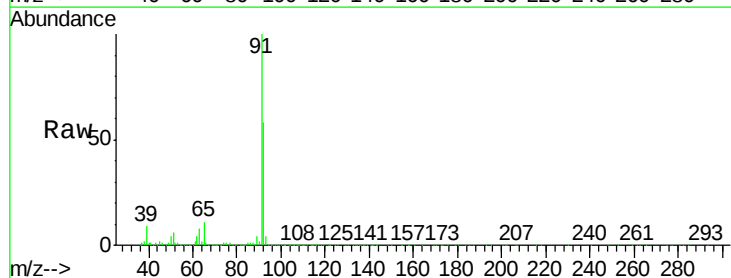
Acq: 22 Aug 2019 10:53

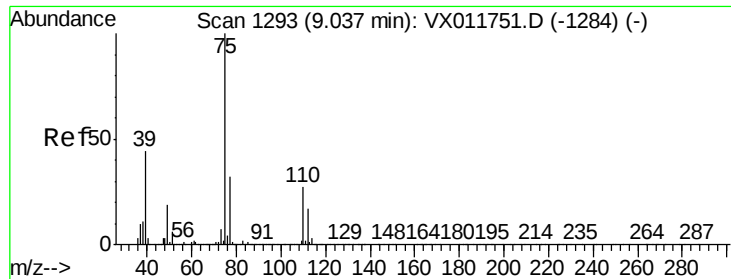
Tgt Ion: 92 Resp: 1192770

Ion Ratio Lower Upper

92 100

91 173.3 138.6 207.8





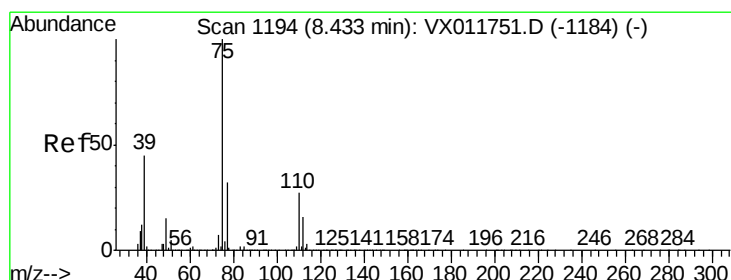
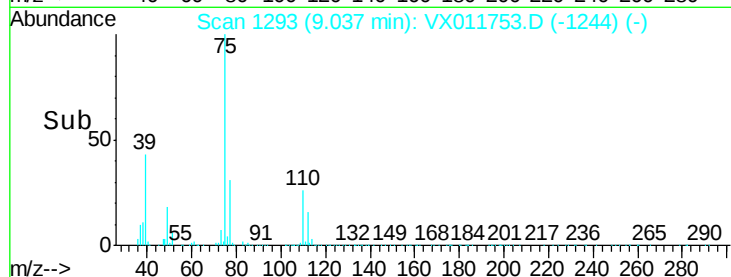
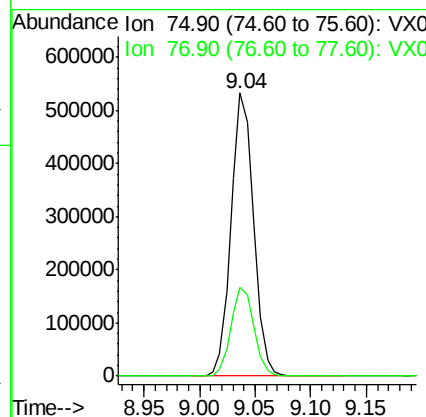
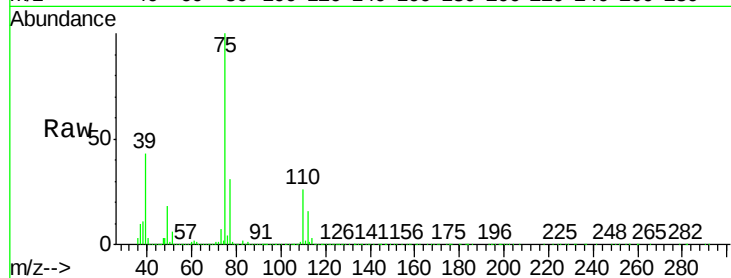
#53
t-1,3-Dichloropropene
Concen: 152.207 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

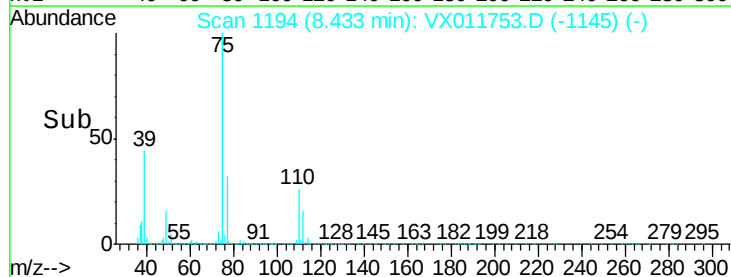
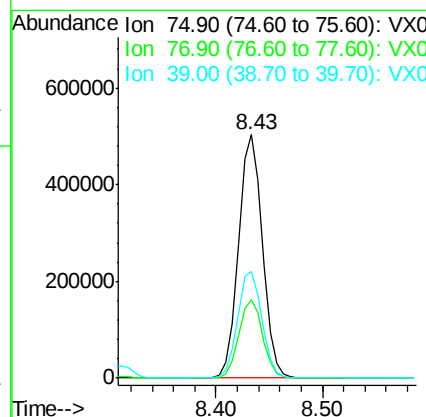
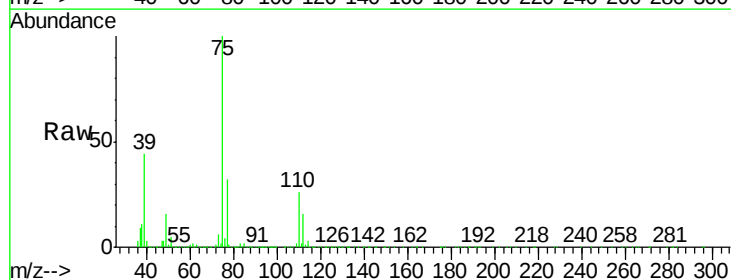
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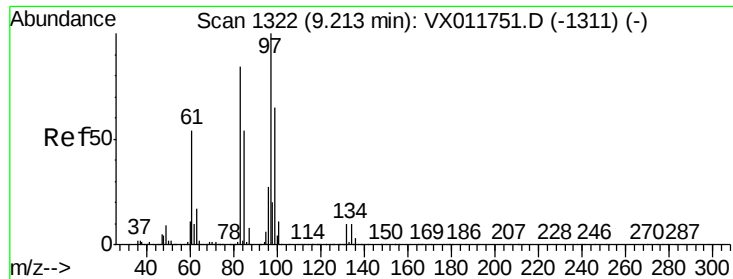
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#54
cis-1,3-Dichloropropene
Concen: 148.541 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2
39	44.0	36.2	54.4





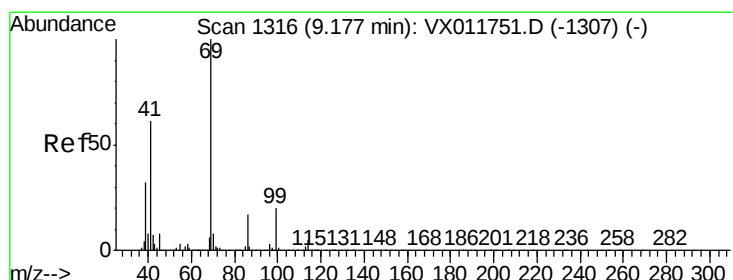
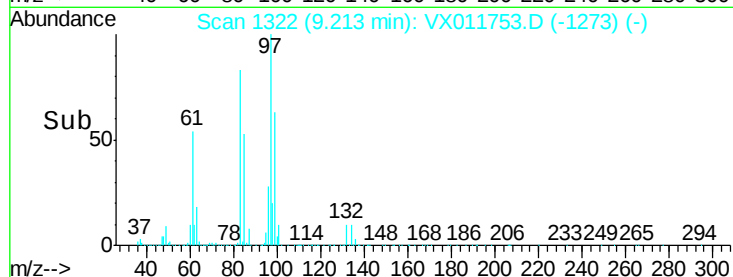
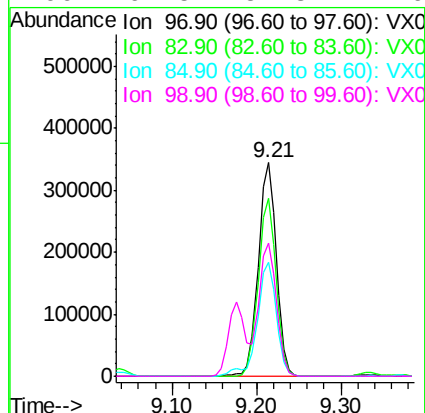
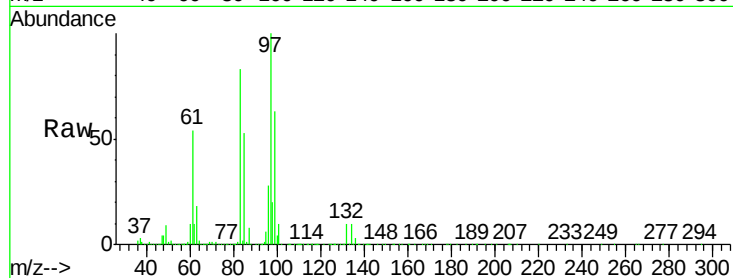
#55
 1,1,2-Trichloroethane
 Concen: 131.220 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		502389		
83	83.2	67.3	100.9		
85	53.2	43.4	65.2		
99	62.5	51.8	77.6		

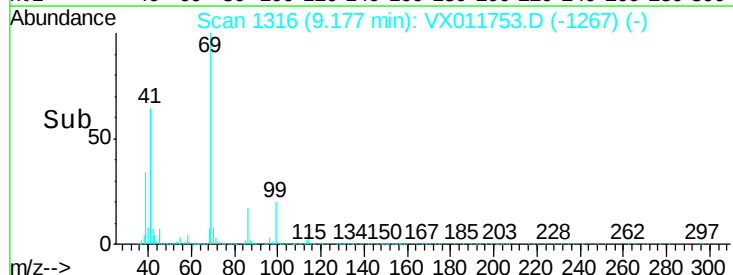
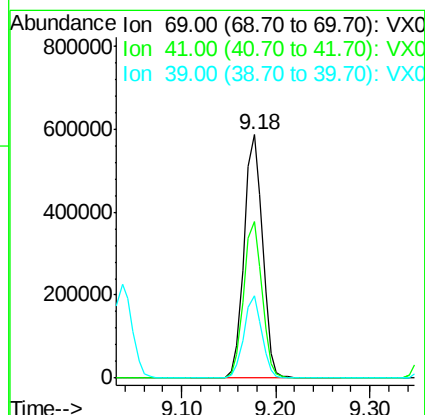
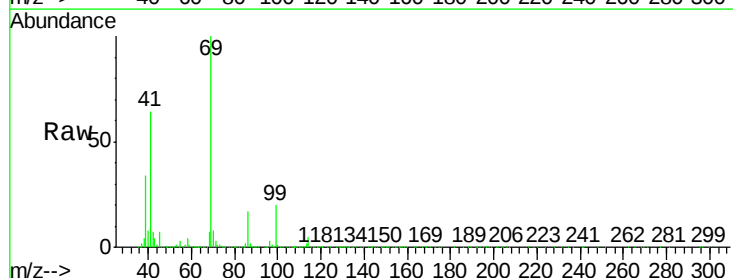
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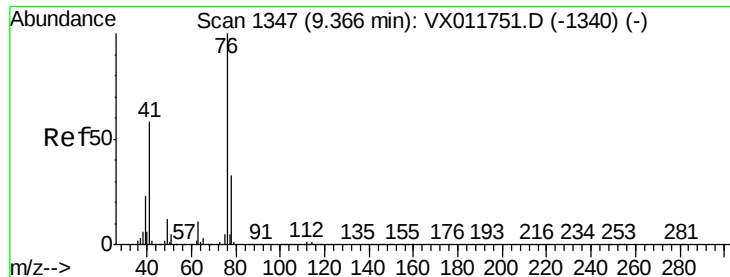
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#56
 Ethyl methacrylate
 Concen: 144.293 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		801967		
41	64.2	50.7	76.1		
39	32.8	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 132.779 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 802397

Ion Ratio Lower Upper

76 100

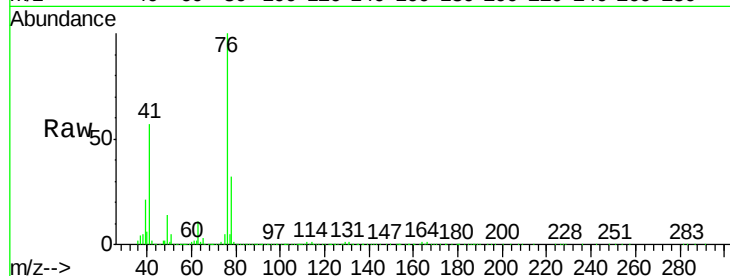
78 32.7 26.6 39.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

600000

500000

400000

300000

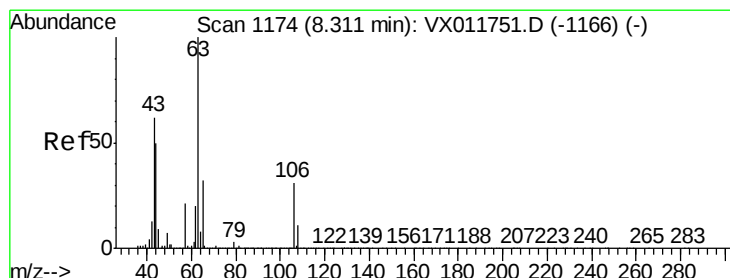
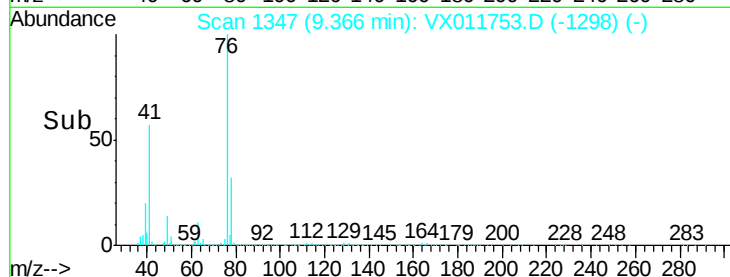
200000

100000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 761.702 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011753.D

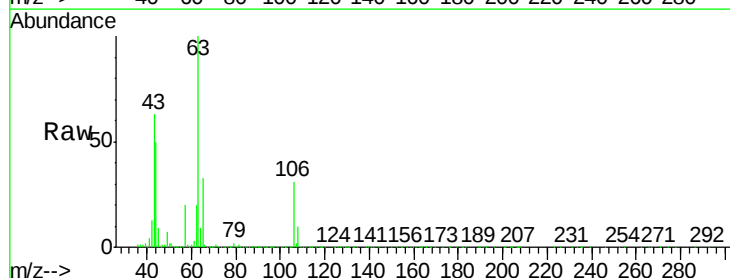
Acq: 22 Aug 2019 10:53

Tgt Ion: 63 Resp: 2132133

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

1500000

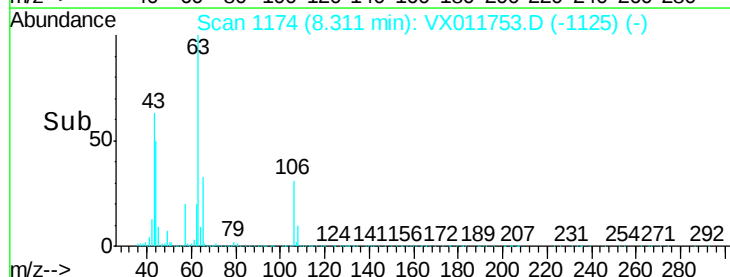
1000000

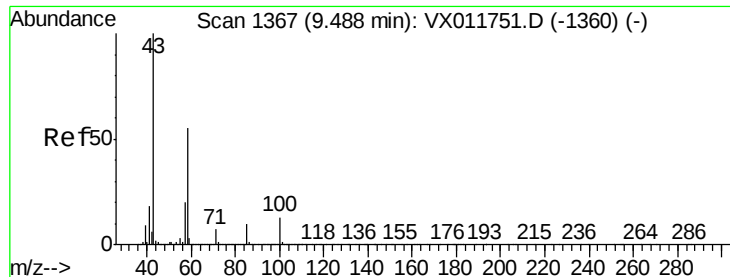
500000

0

8.20 8.25 8.30 8.35 8.40

Time-->





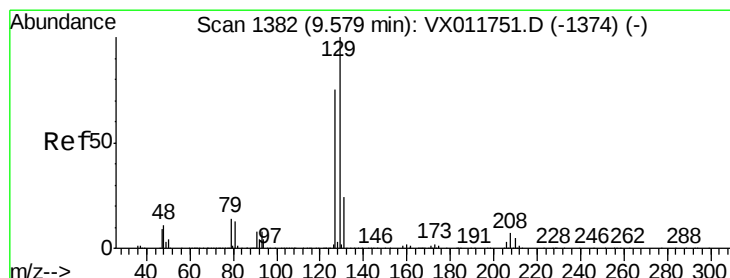
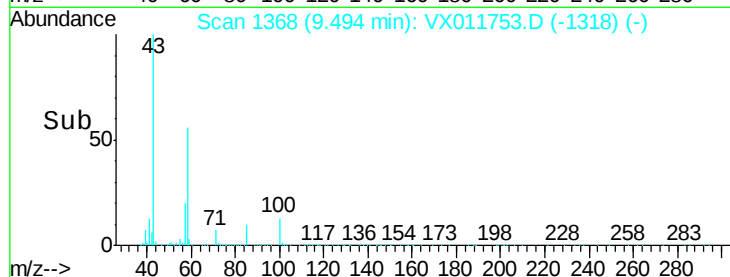
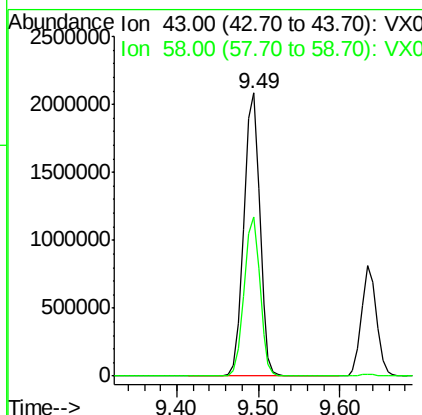
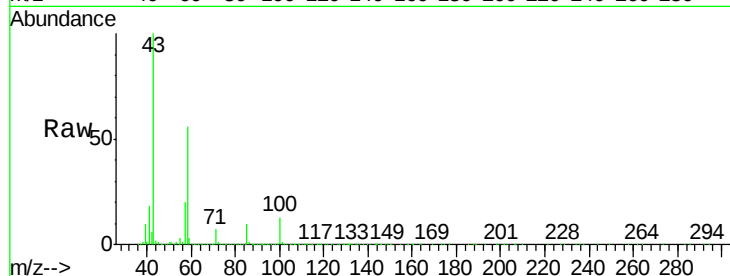
#59
2-Hexanone
Concen: 687.446 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2809393
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1

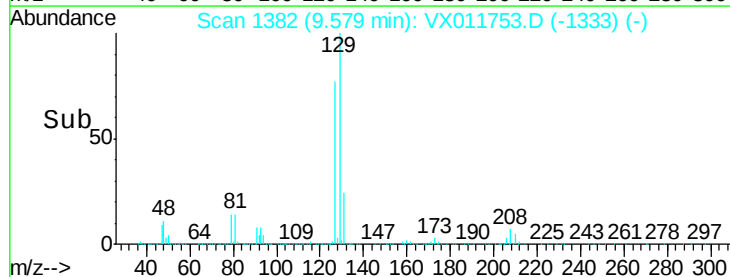
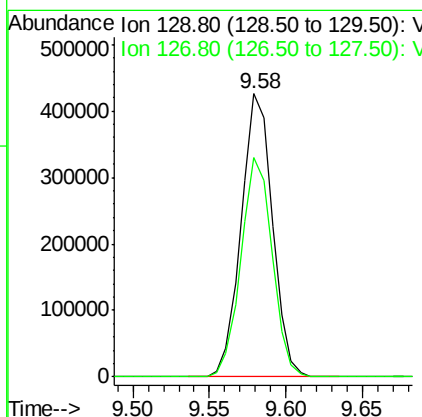
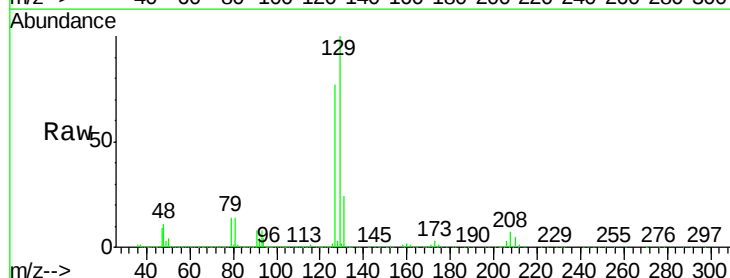
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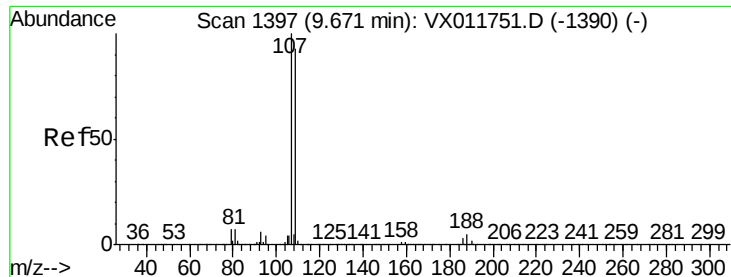
MMDadoda
8/23/2019 1:55:57 PM



#60
Dibromochloromethane
Concen: 152.397 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion: 129 Resp: 606525
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 138.150 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 565387

Ion Ratio Lower Upper

107 100

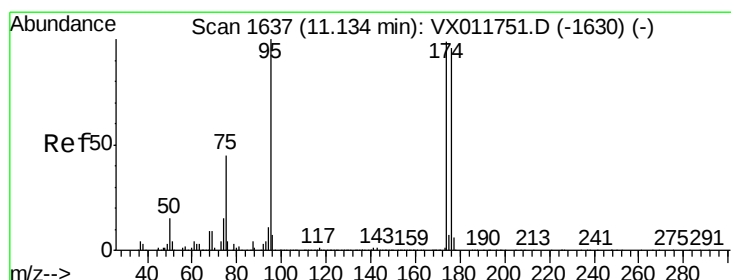
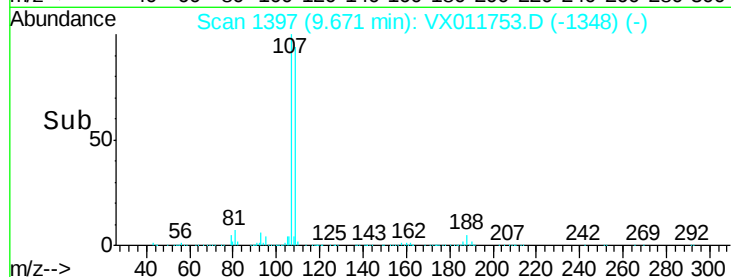
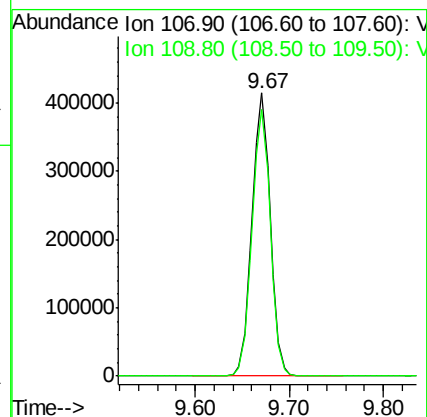
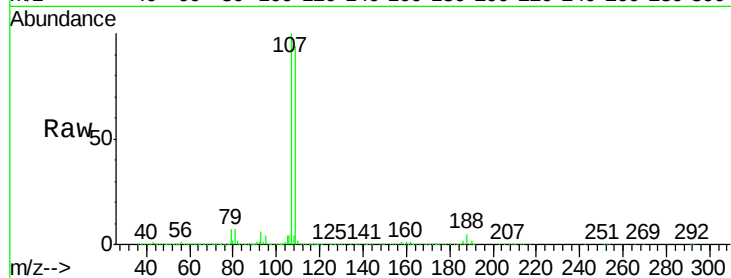
109 94.4 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

8/23/2019 1:55:57 PM



#62

4-Bromofluorobenzene

Concen: 152.443 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

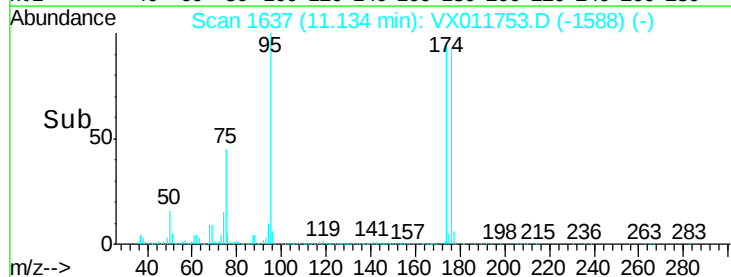
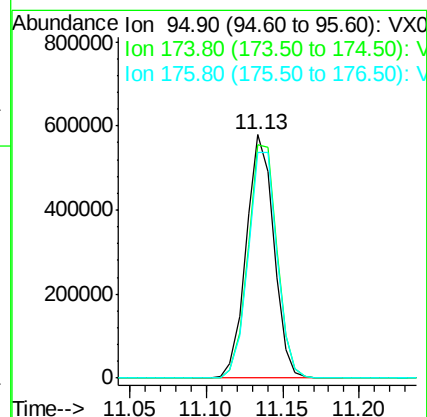
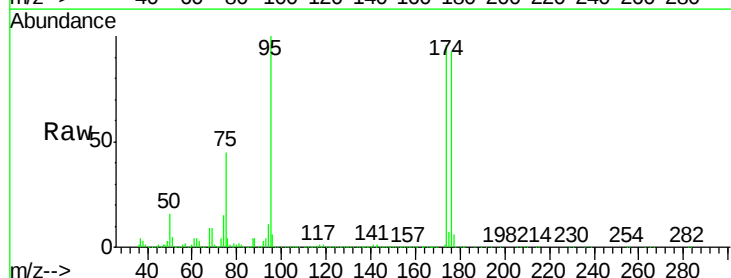
Tgt Ion: 95 Resp: 722319

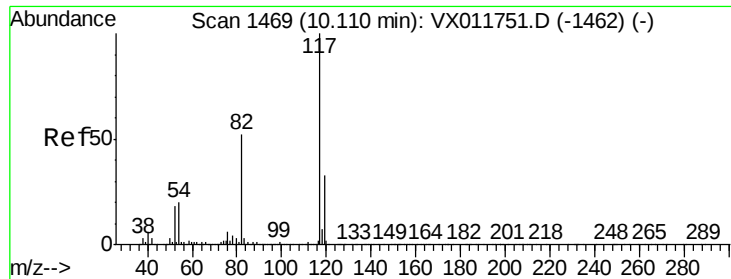
Ion Ratio Lower Upper

95 100

174 100.7 0.0 197.4

176 97.7 0.0 194.4





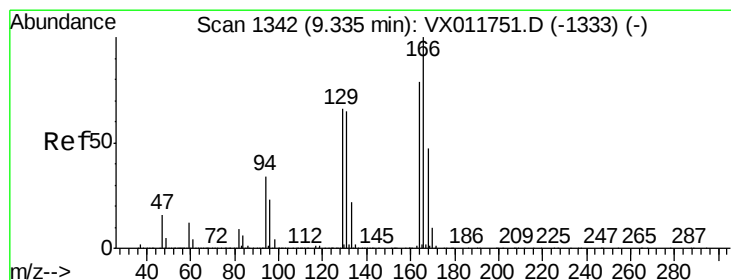
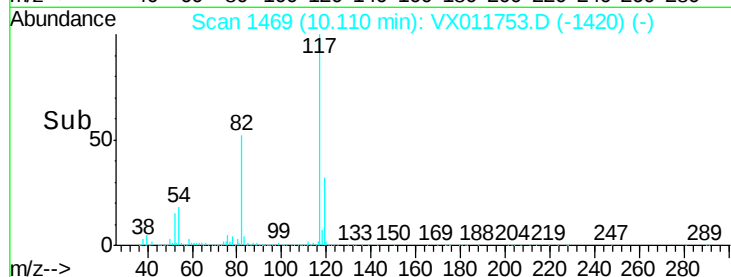
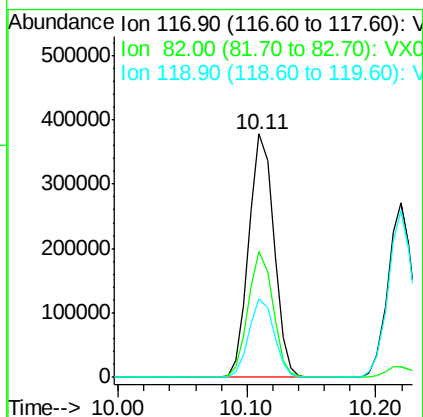
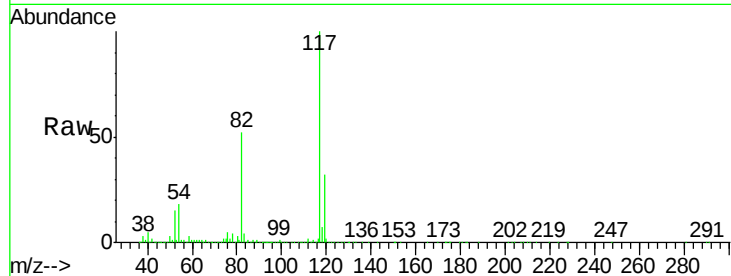
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	507199		
82	51.6		41.7	62.5
119	32.2		26.2	39.2

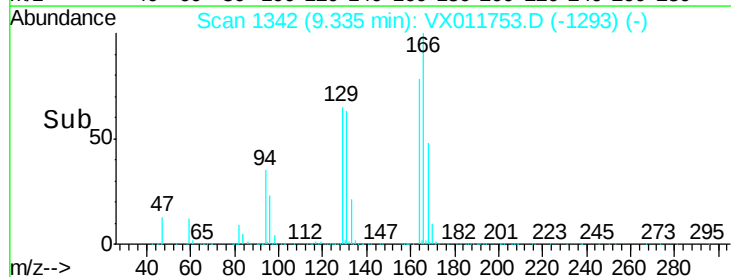
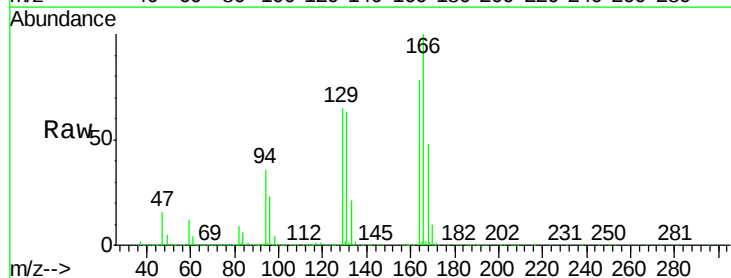
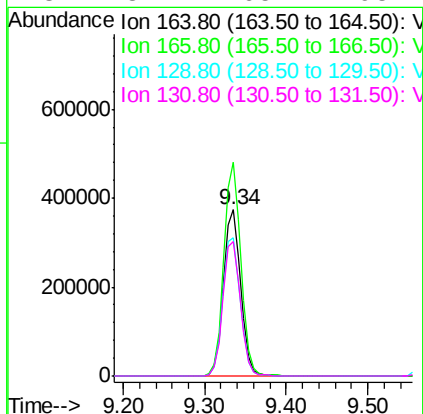
Manual Integrations
APPROVED

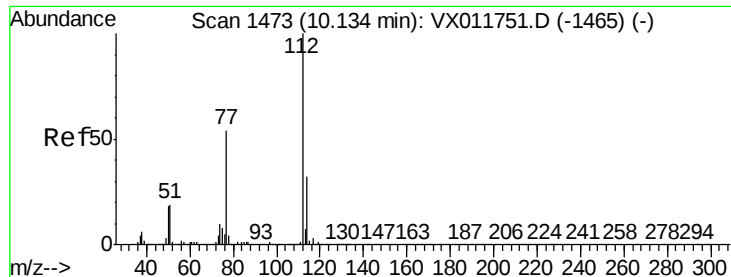
MMDadoda
8/23/2019 1:55:57 PM



#64
Tetrachloroethene
Concen: 130.315 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	546296		
166	128.6		100.7	151.1
129	83.2		66.8	100.2
131	81.1		65.4	98.2





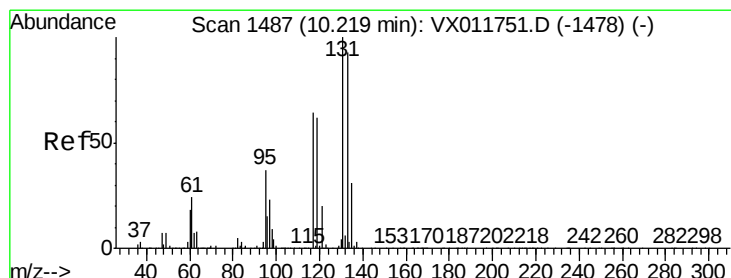
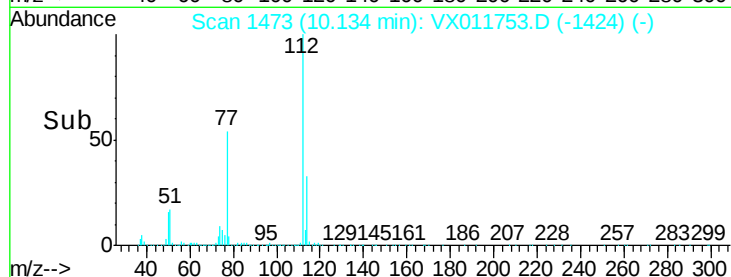
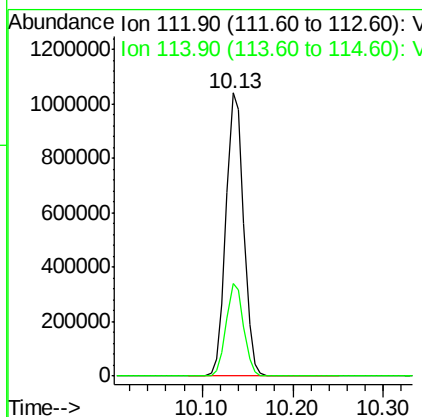
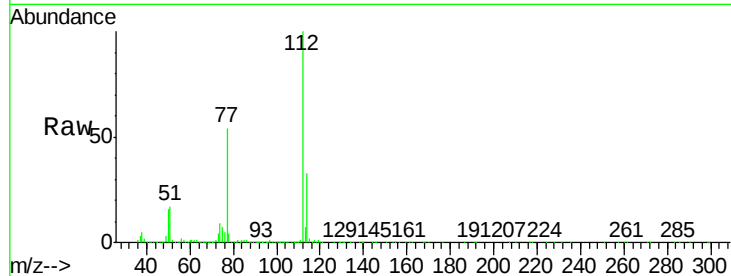
#65
Chlorobenzene
Concen: 132.410 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1409944
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

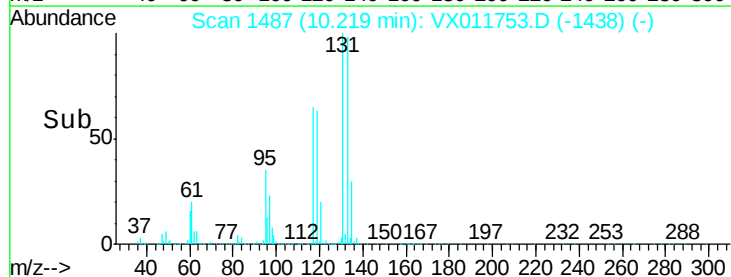
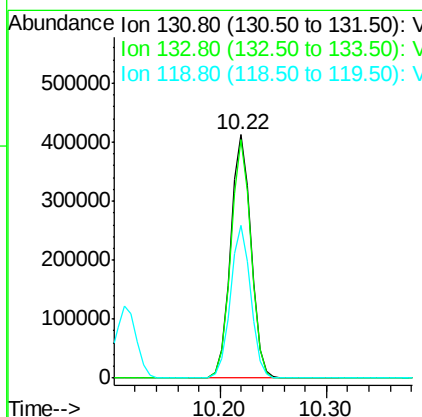
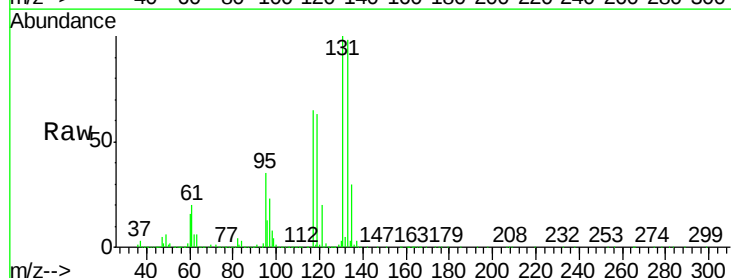
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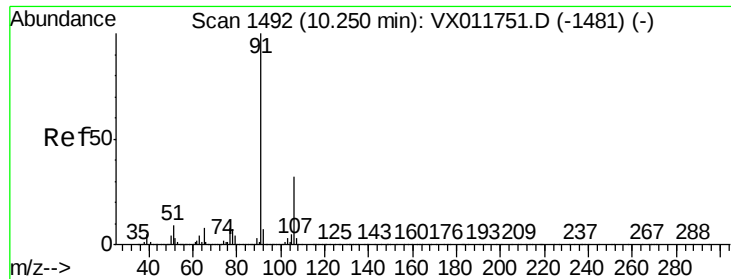
MMDadoda
8/23/2019 1:55:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 138.990 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion:131 Resp: 555023
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.4
119 62.4 31.3 93.8





#67

Ethyl Benzene

Concen: 133.152 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2388418

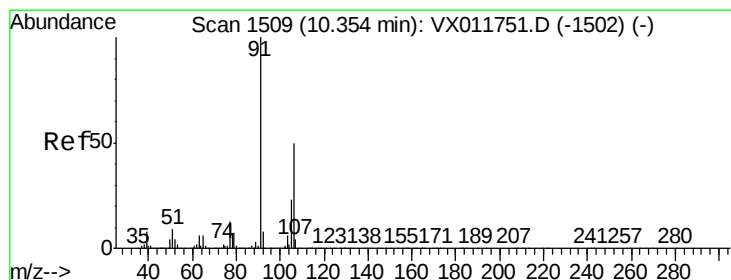
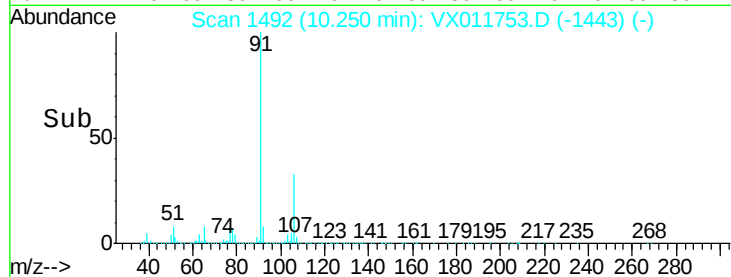
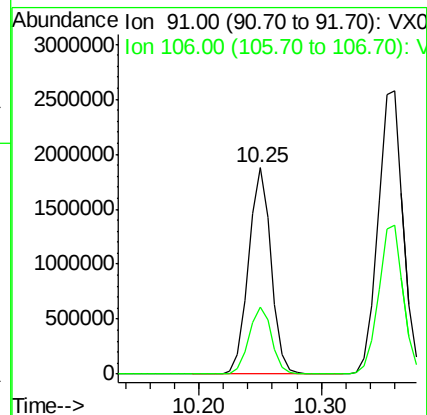
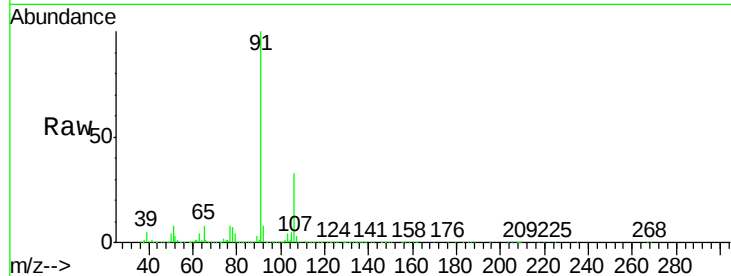
Ion Ratio Lower Upper

91 100

106 32.7 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
8/23/2019 1:55:57 PM



#68

m/p-Xylenes

Concen: 273.865 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VX011753.D

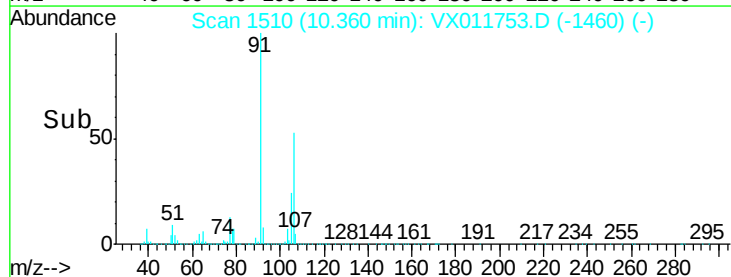
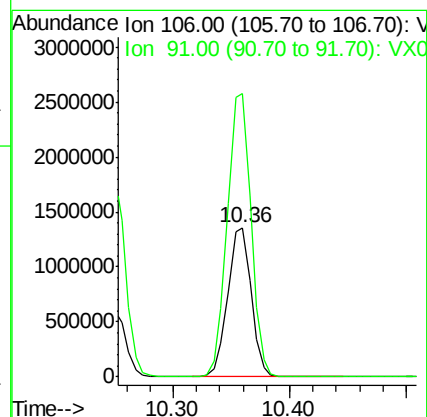
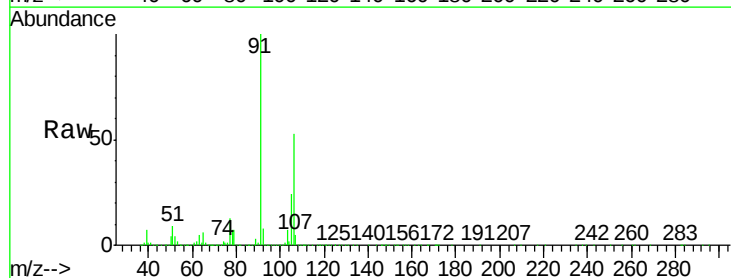
Acq: 22 Aug 2019 10:53

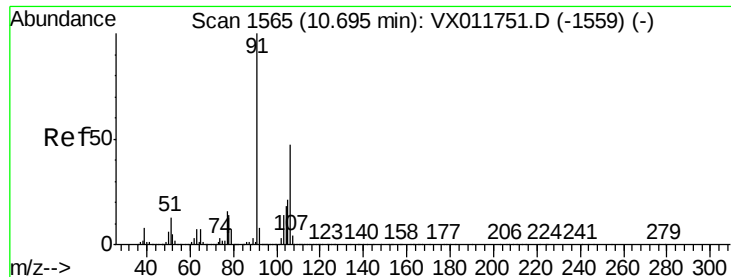
Tgt Ion: 106 Resp: 1886943

Ion Ratio Lower Upper

106 100

91 193.2 158.3 237.5





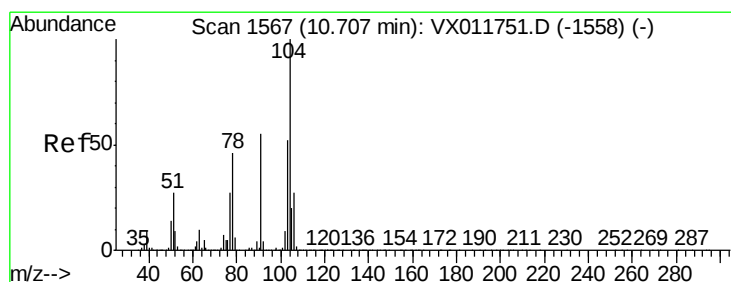
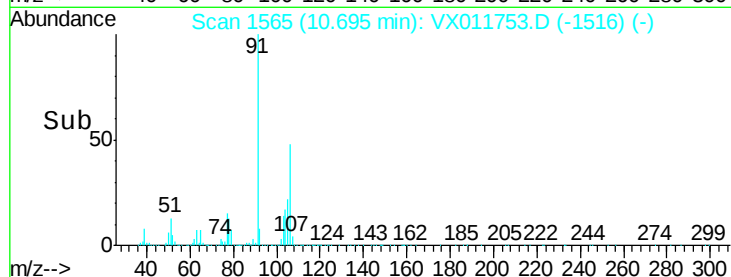
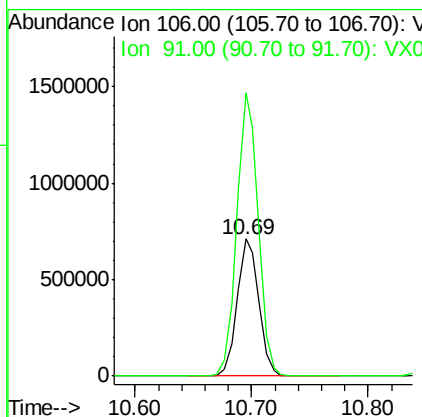
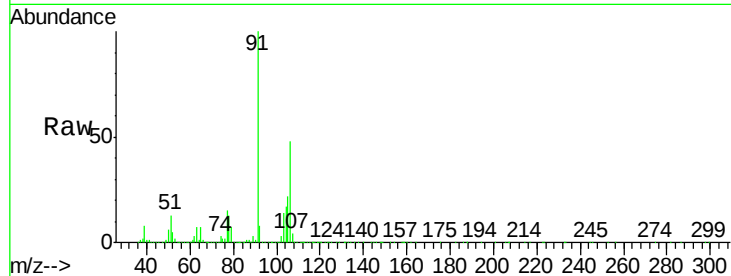
#69
o-Xylene
Concen: 135.902 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.3	105.0	314.9

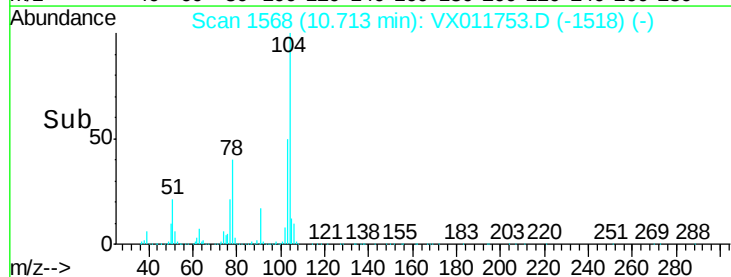
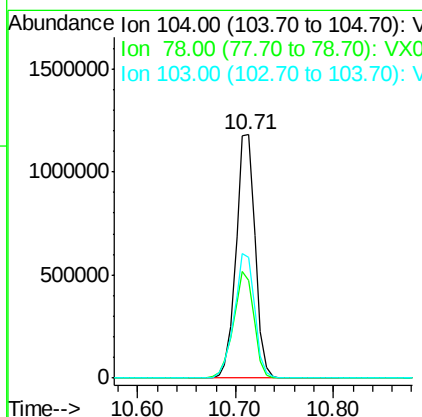
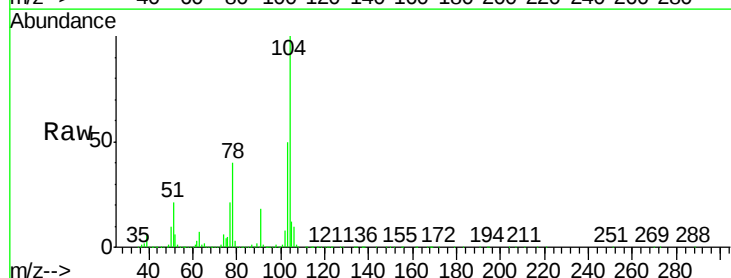
Manual Integrations
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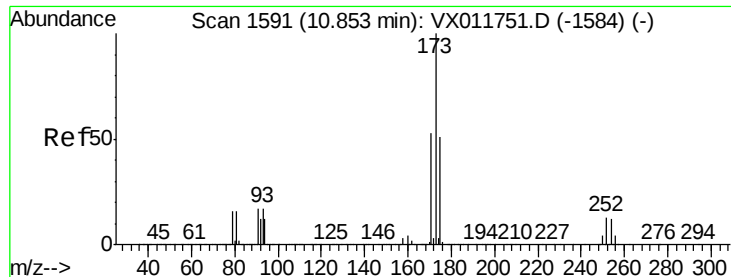
MMDadoda
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#70
Styrene
Concen: 141.087 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	39.2	58.8
103	54.6	44.5	66.7





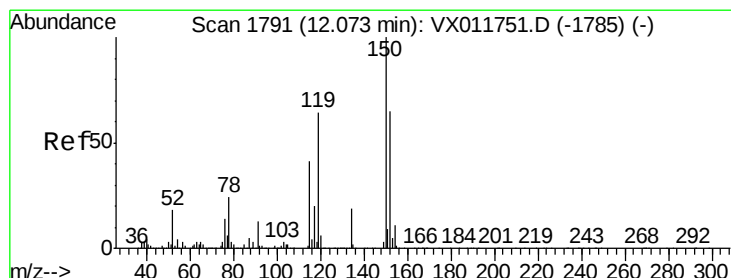
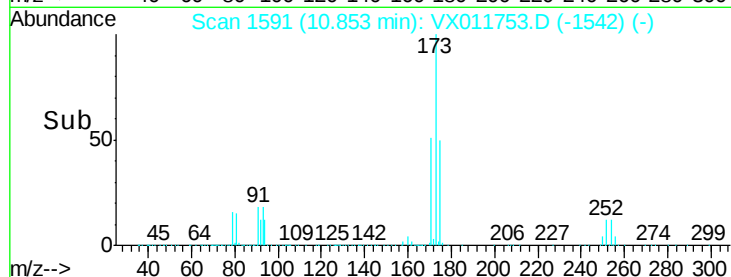
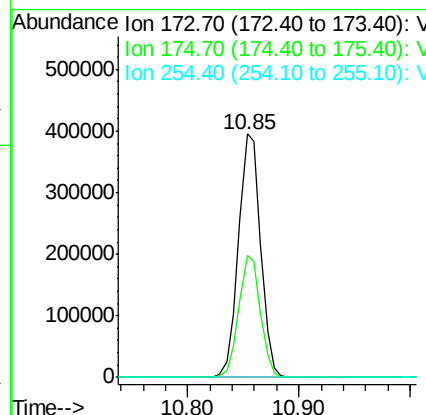
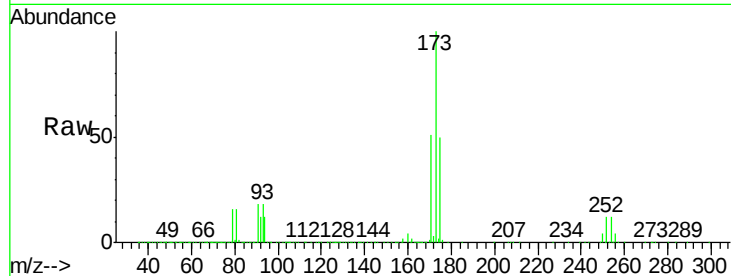
#71
Bromoform
Concen: 159.853 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.3	25.1	75.3	
254	0.2	0.2	0.4	

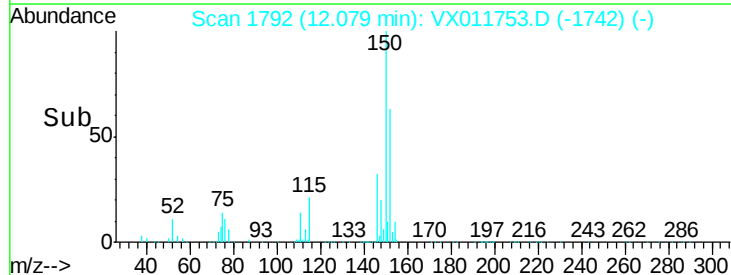
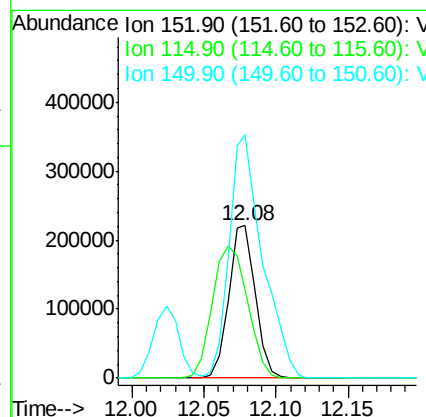
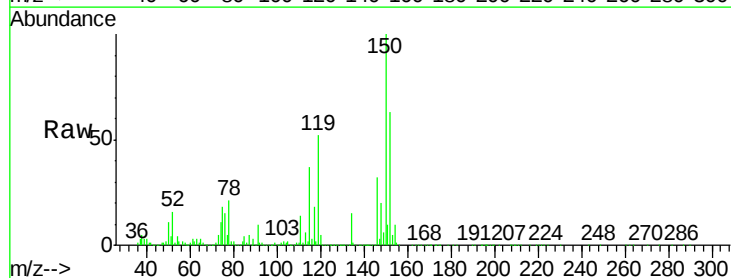
Manual Integrations
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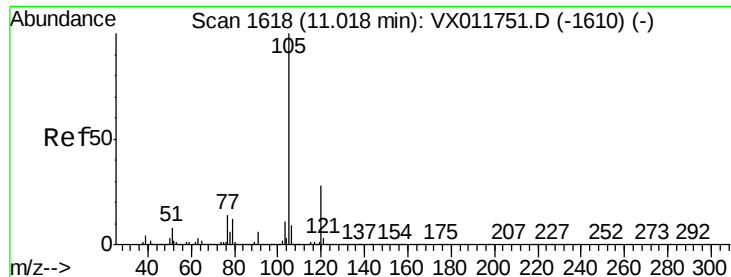
MMDadoda
8/23/2019 1:55:57 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	114.1	37.3	111.8	
150	200.2	0.0	343.0	





#73

Isopropylbenzene

Concen: 133.072 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2442370

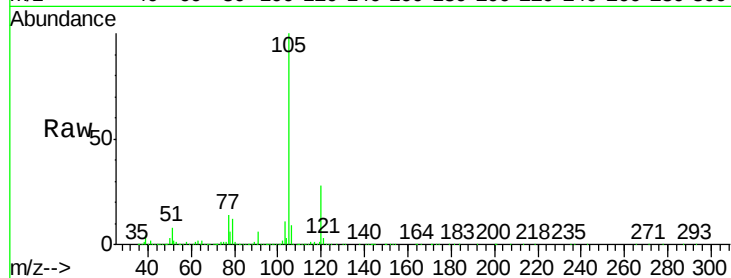
Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.7

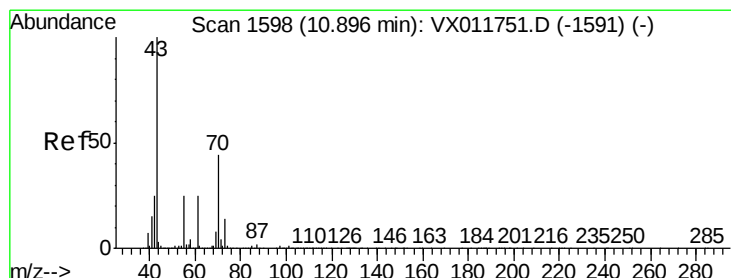
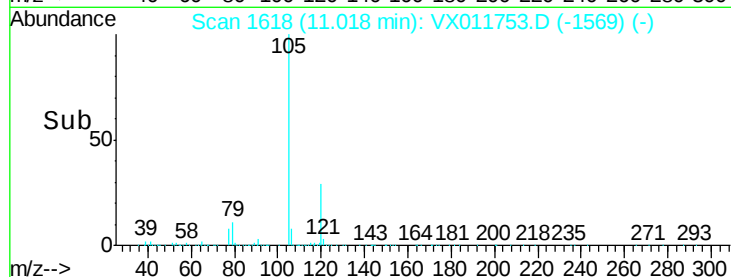
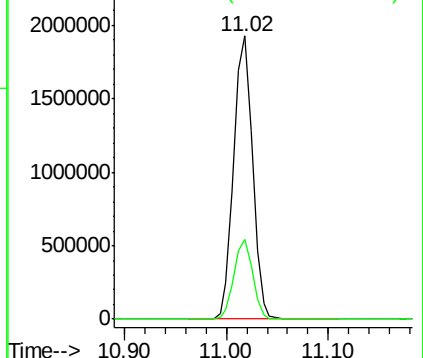
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 134.867 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion: 43 Resp: 1038366

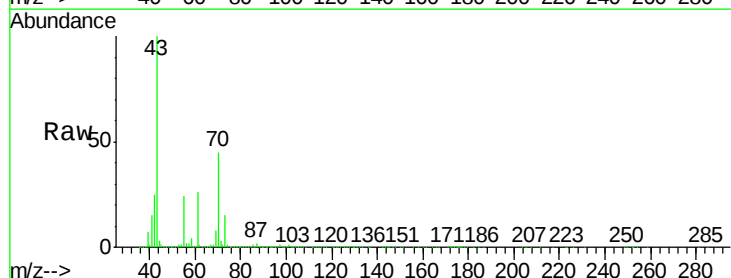
Ion Ratio Lower Upper

43 100

70 44.4 34.8 52.2

55 24.3 19.5 29.3

61 25.3 19.8 29.6

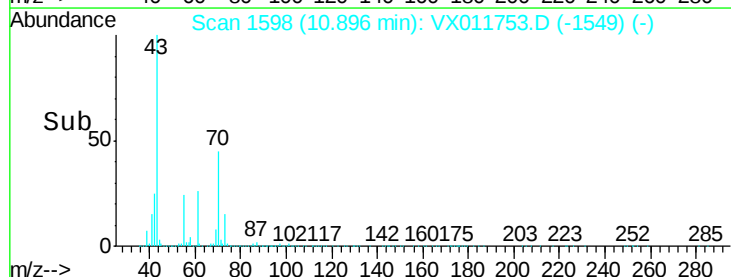
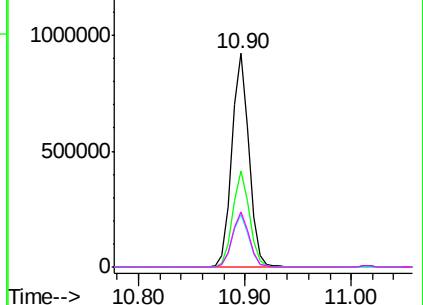


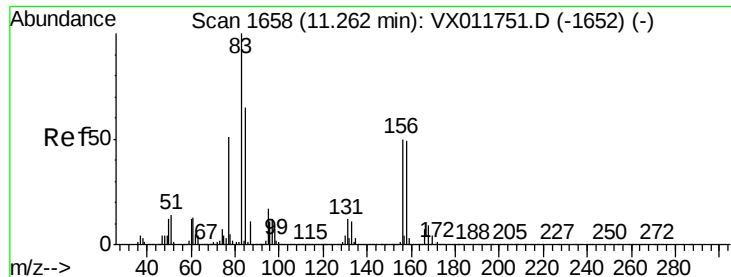
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 131.429 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

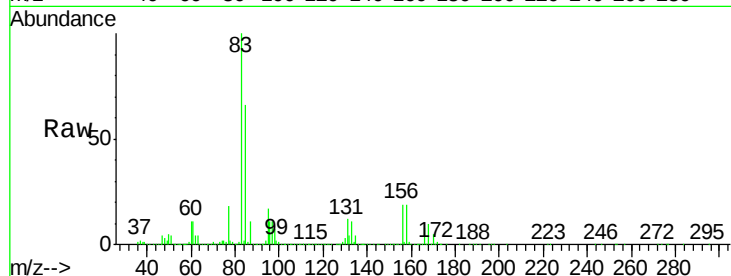
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	820696
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.1	18.3
85	65.1	32.4	97.0

Manual Integrations
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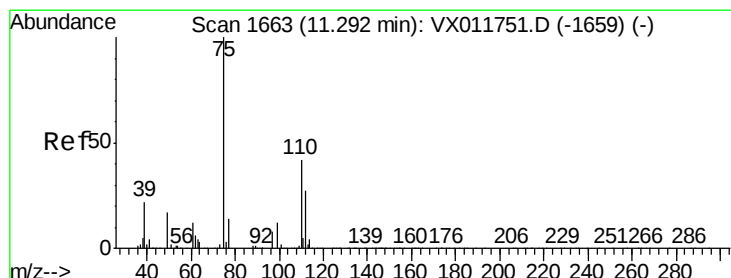
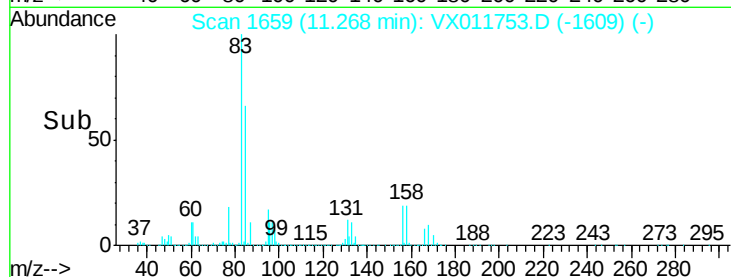
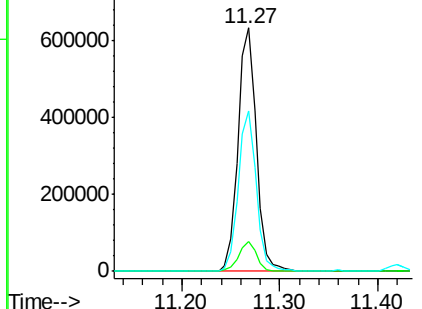
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 129.925 ug/l m

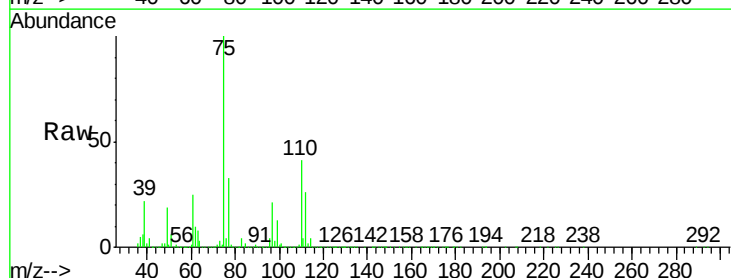
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011753.D

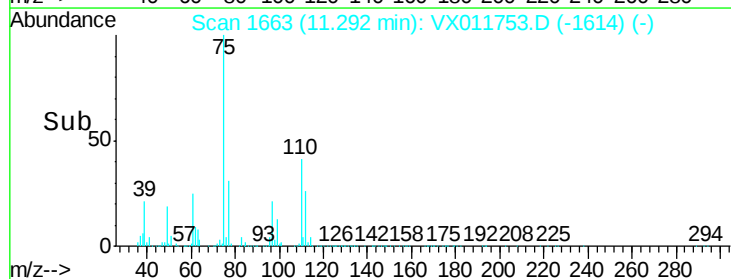
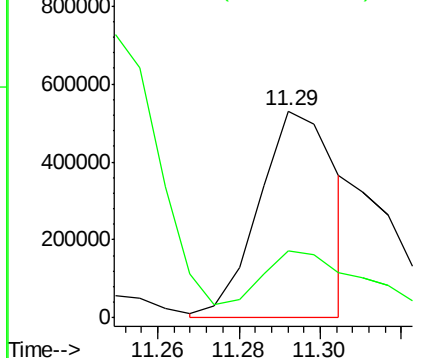
Acq: 22 Aug 2019 10:53

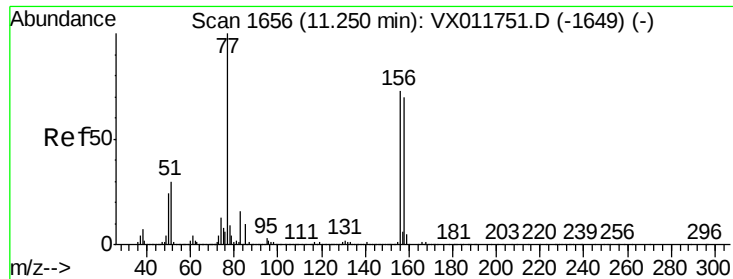
Tgt Ion:	75	Resp:	692909
Ion Ratio	Lower	Upper	
75	100		
77	45.2	21.1	63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 133.412 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

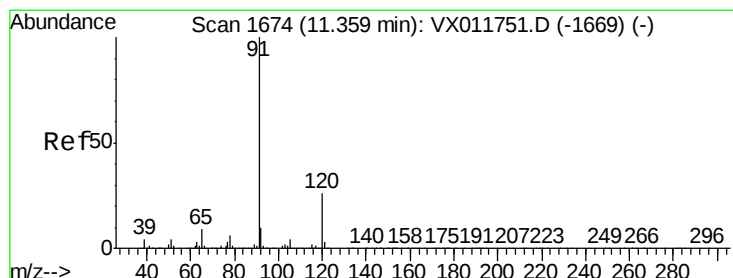
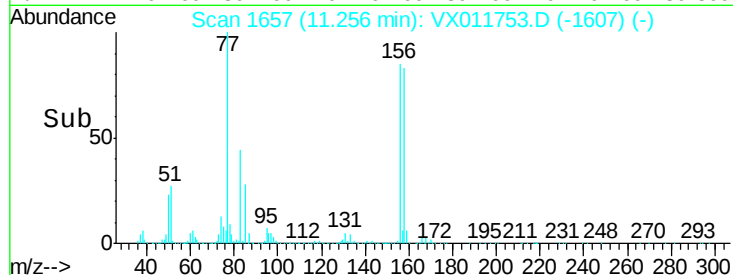
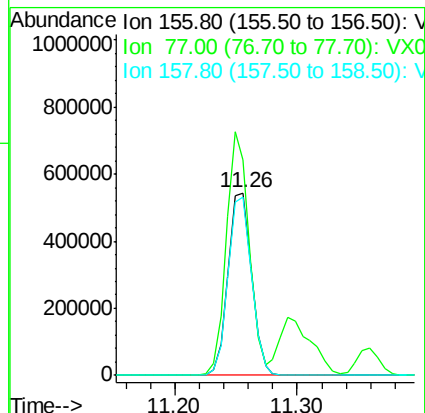
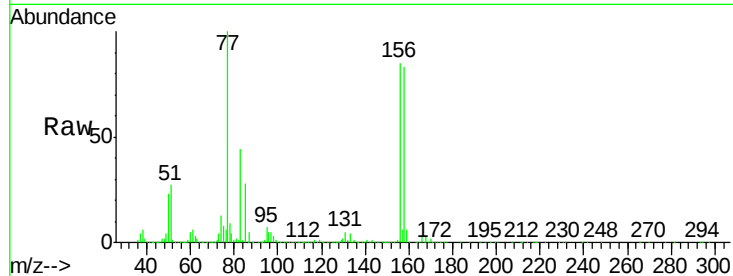
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.1	65.3	196.0
158	97.4	48.4	145.0

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#78

n-propylbenzene

Concen: 136.842 ug/l

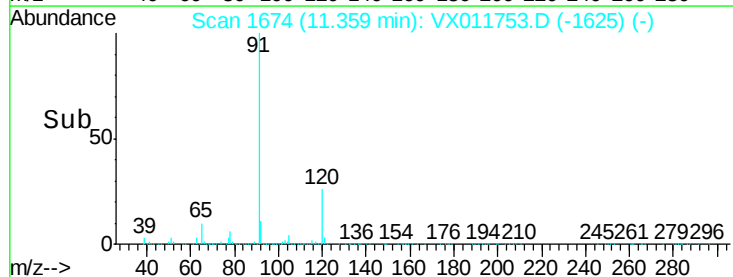
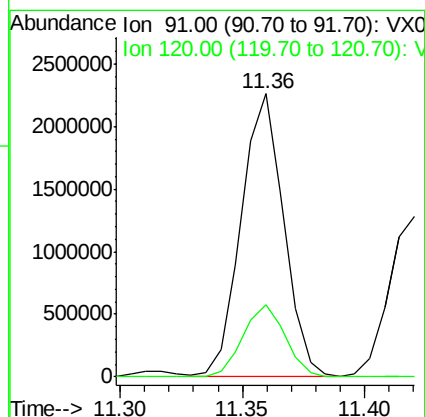
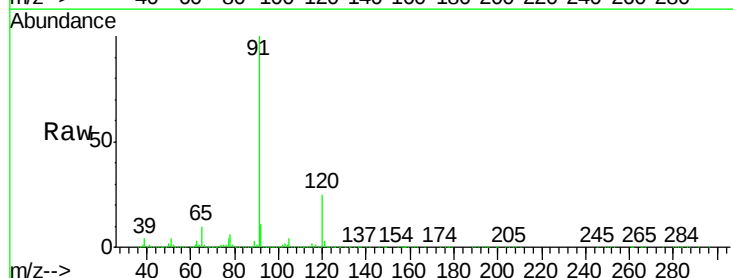
RT: 11.36 min Scan# 1674

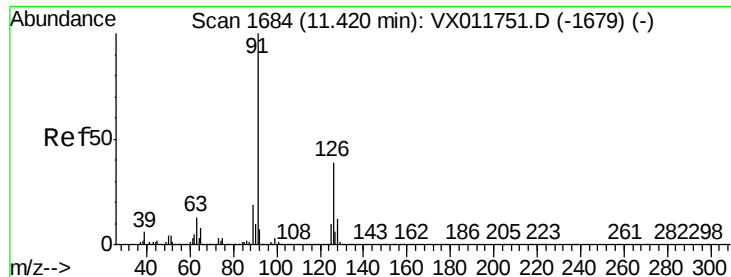
Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.7	12.7	38.1





#79

2-Chlorotoluene

Concen: 132.634 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1609608

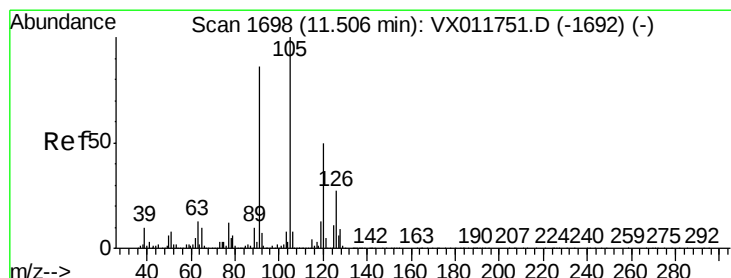
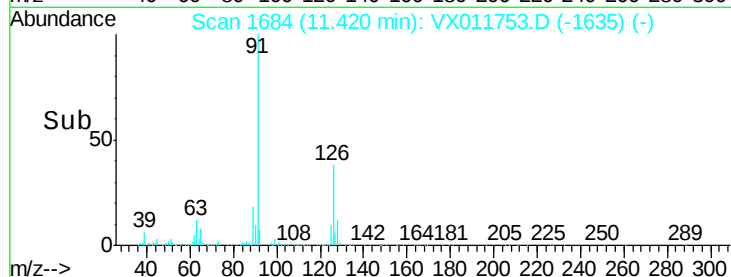
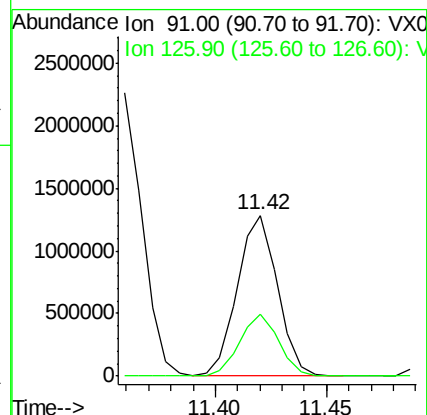
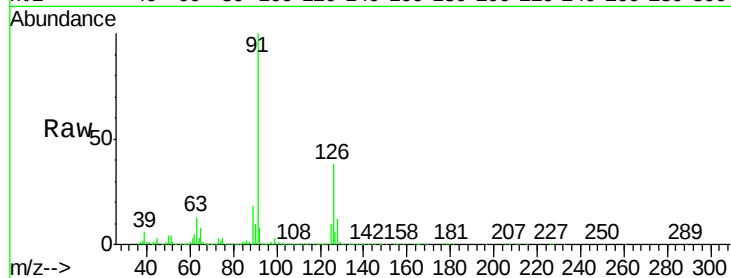
Ion Ratio Lower Upper

91 100

126 37.8 18.6 55.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 136.964 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011753.D

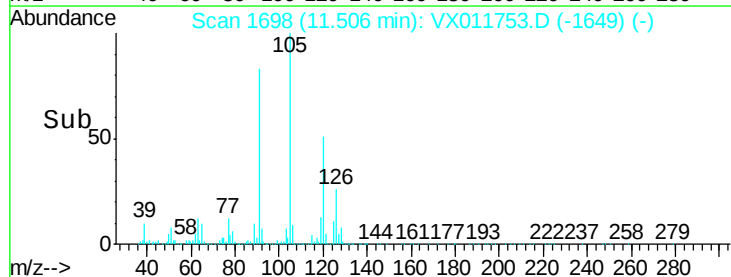
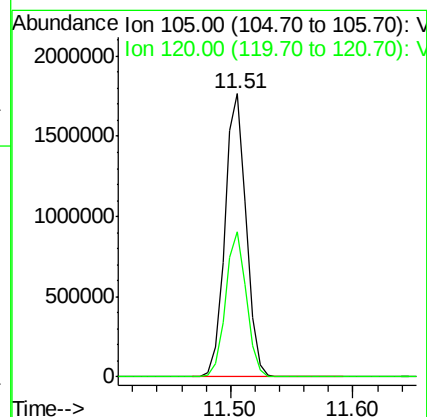
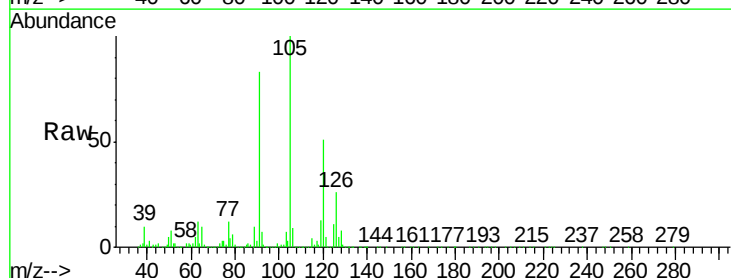
Acq: 22 Aug 2019 10:53

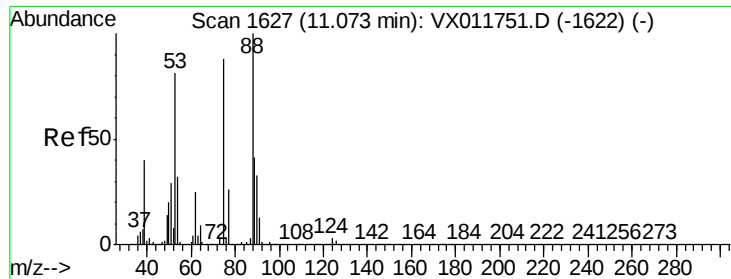
Tgt Ion: 105 Resp: 2111774

Ion Ratio Lower Upper

105 100

120 50.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 162.495 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

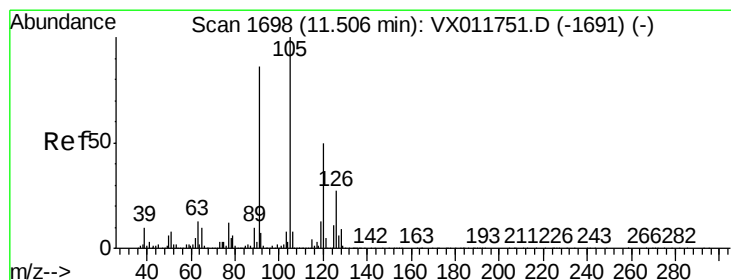
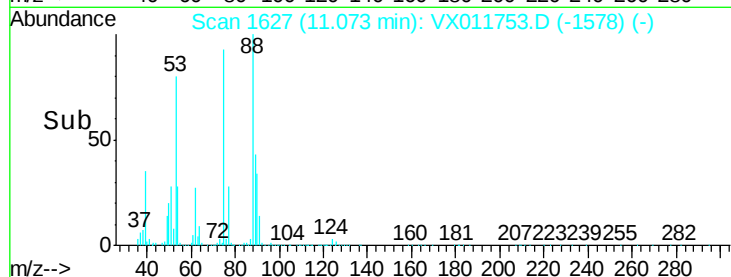
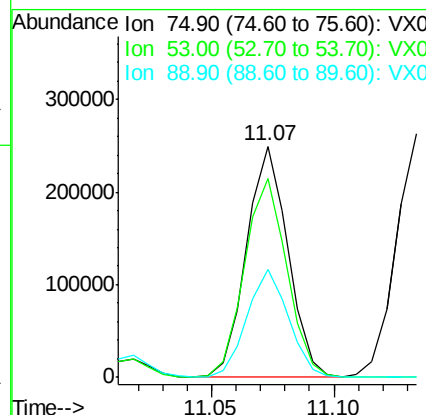
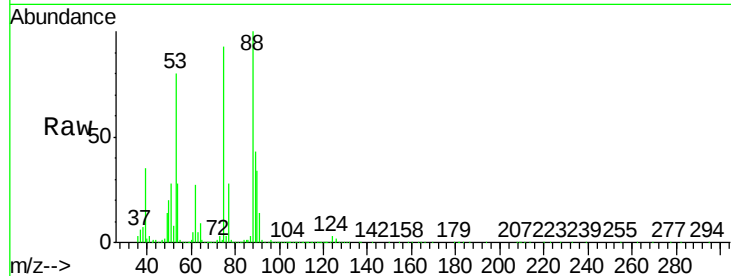
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	292032
Ion Ratio	Lower	Upper	
75	100		
53	88.3	77.1	115.7
89	47.1	38.5	57.7

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#82

4-Chlorotoluene

Concen: 134.274 ug/l

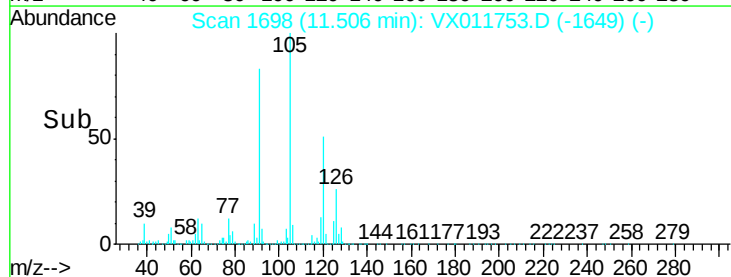
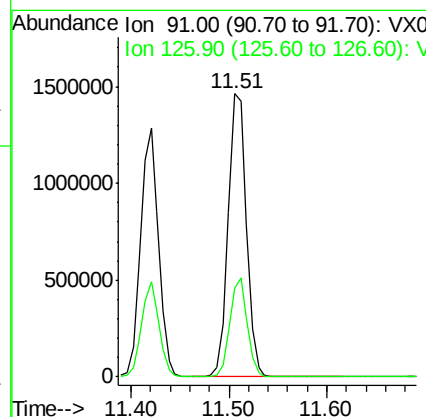
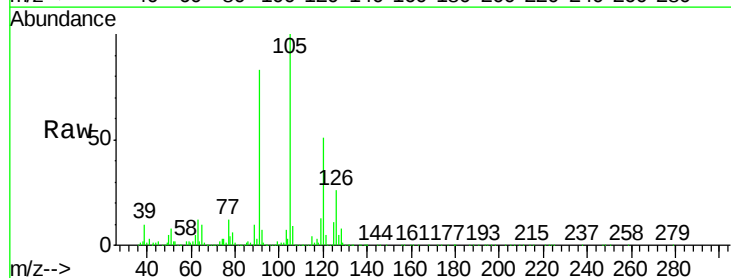
RT: 11.51 min Scan# 1698

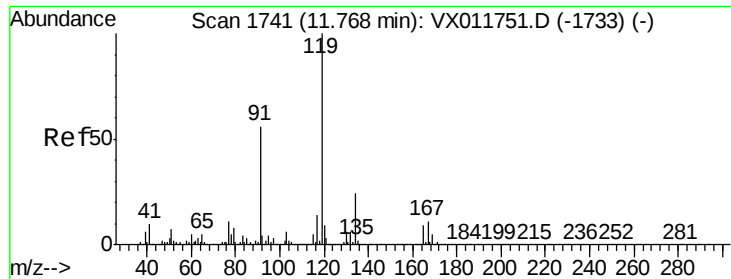
Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:	91	Resp:	1892426
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.2	48.6





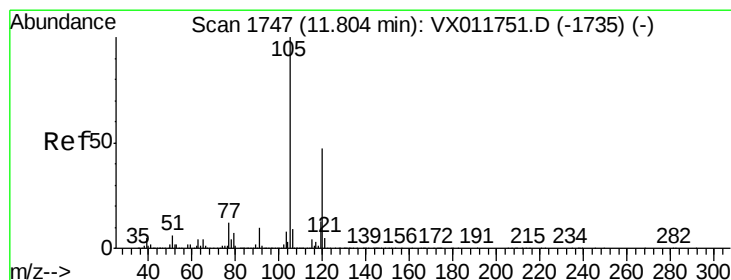
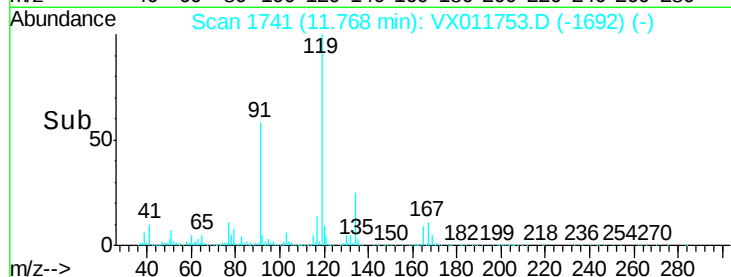
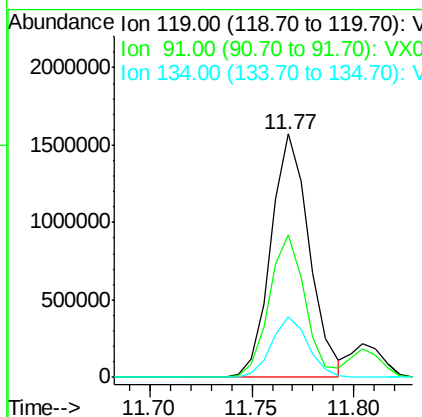
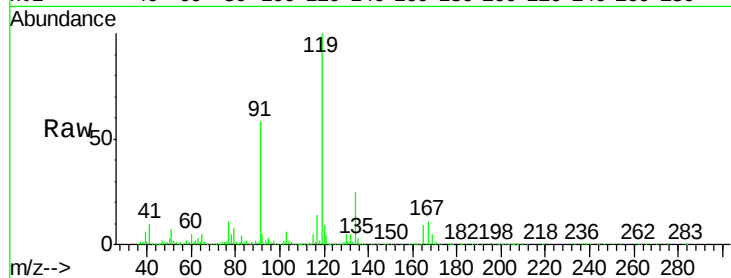
#83
tert-Butylbenzene
Concen: 131.638 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2059633
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 23.7 11.8 35.3

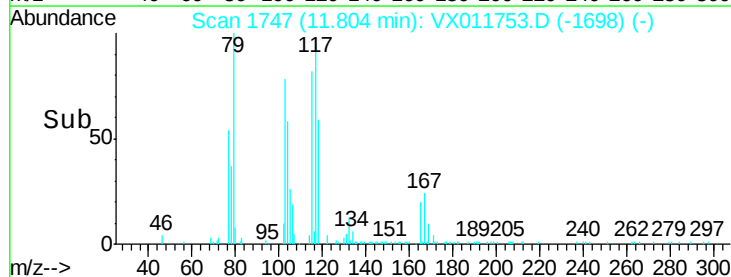
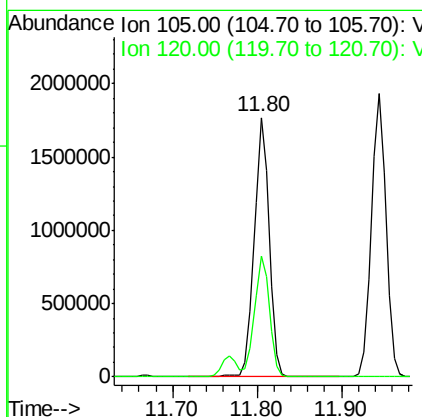
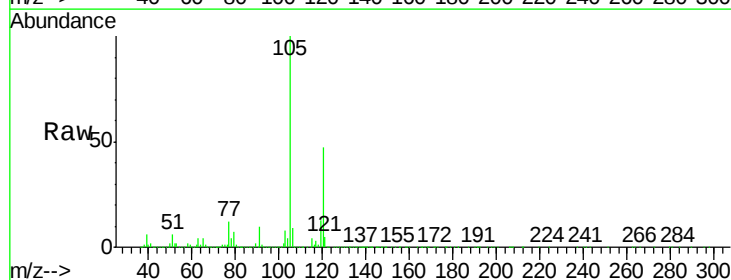
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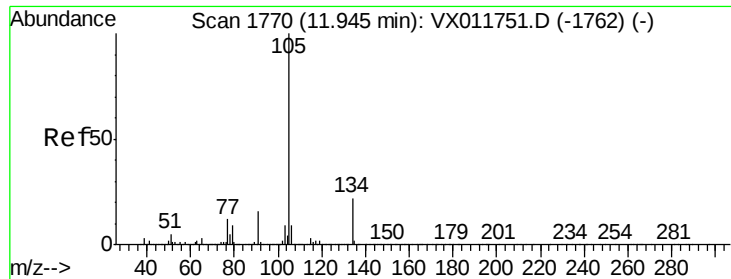
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#84
1,2,4-Trimethylbenzene
Concen: 136.448 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011753.D
Acq: 22 Aug 2019 10:53

Tgt Ion:105 Resp: 2109309
Ion Ratio Lower Upper
105 100
120 46.9 23.7 71.1





#85

sec-Butylbenzene

Concen: 132.554 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2331086

Ion Ratio Lower Upper

105 100

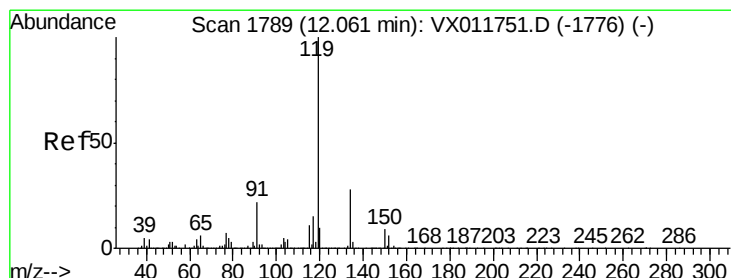
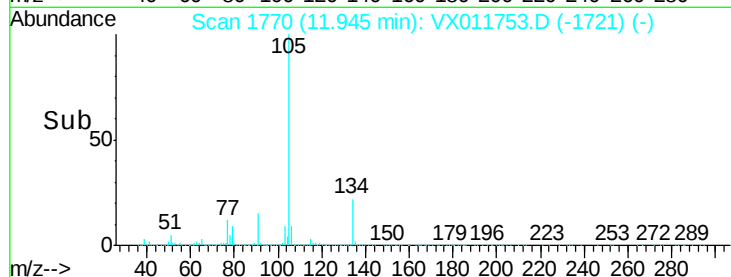
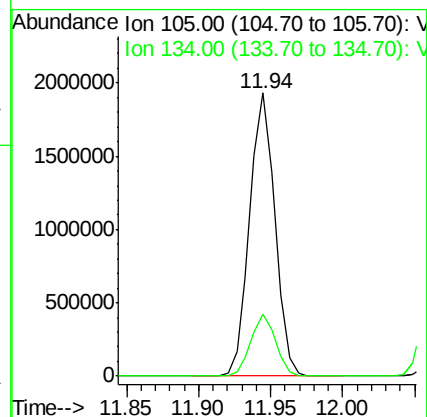
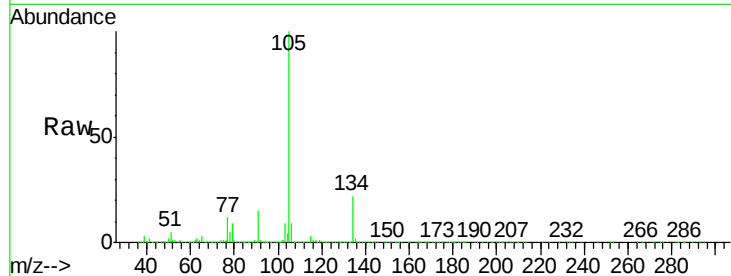
134 21.5 10.8 32.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 139.664 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

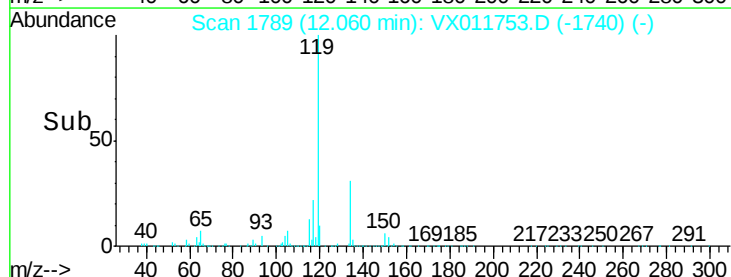
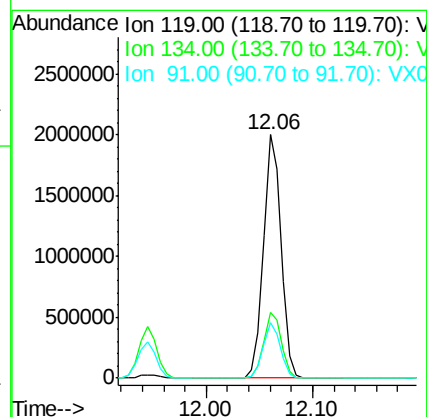
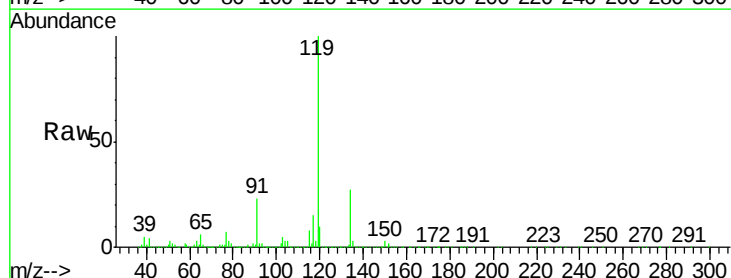
Tgt Ion:119 Resp: 2323126

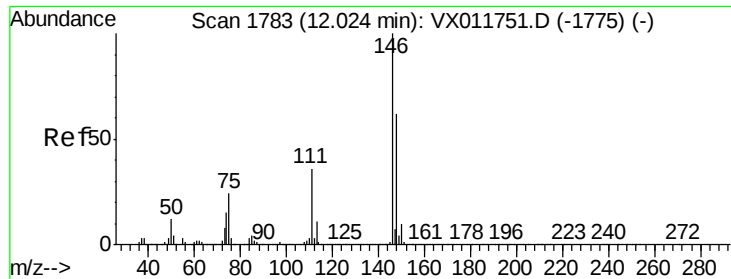
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 22.3 11.1 33.3





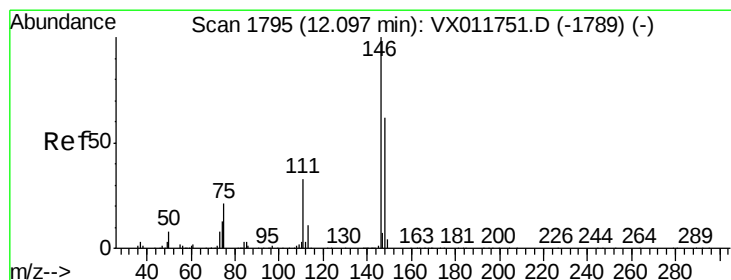
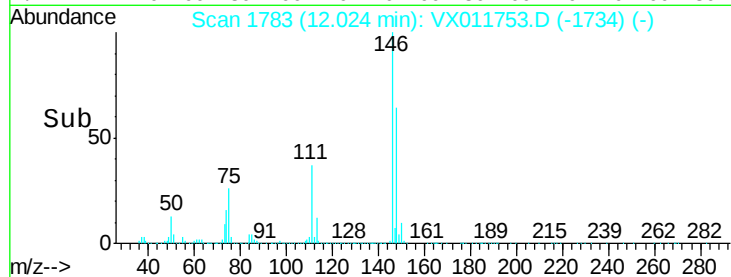
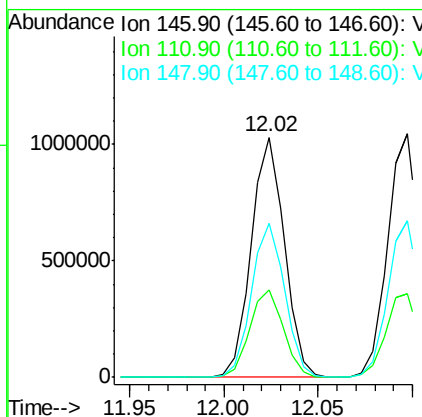
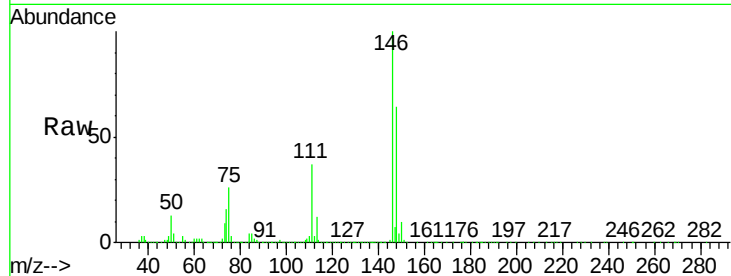
#87
 1,3-Dichlorobenzene
 Concen: 133.835 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.4
148	64.4	31.6	94.7

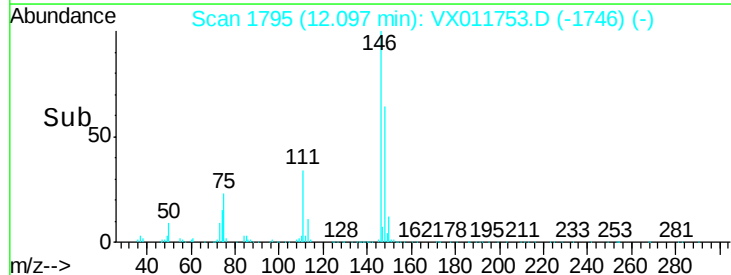
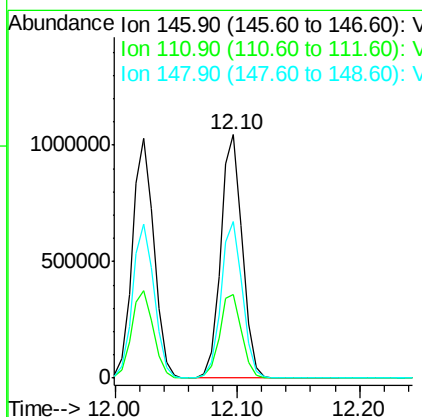
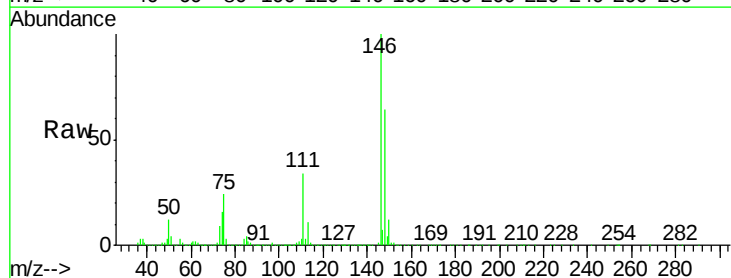
Manual Integrations
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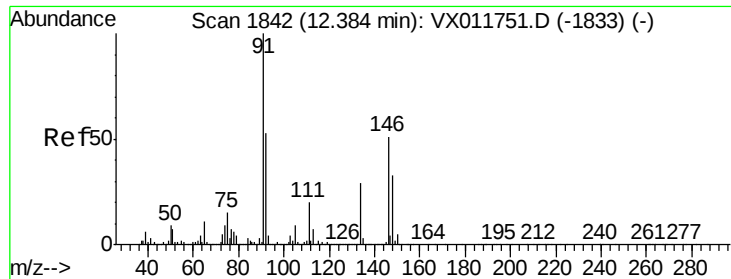
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#88
 1,4-Dichlorobenzene
 Concen: 134.187 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.8	53.4
148	64.1	31.9	95.7





#89

n-Butylbenzene

Concen: 146.150 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2001380

Ion Ratio Lower Upper

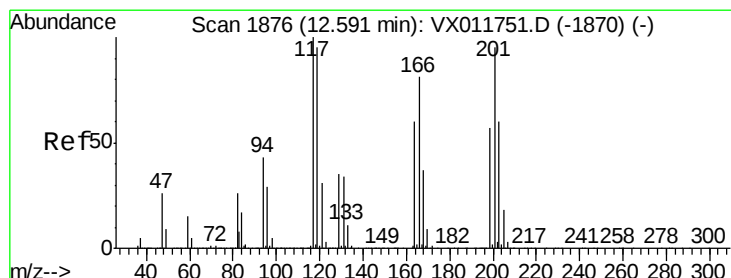
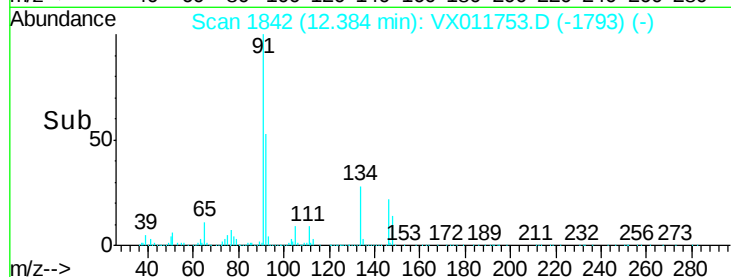
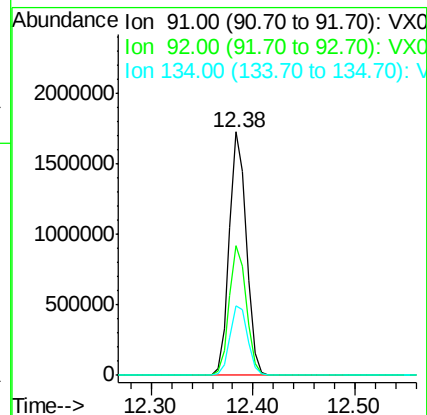
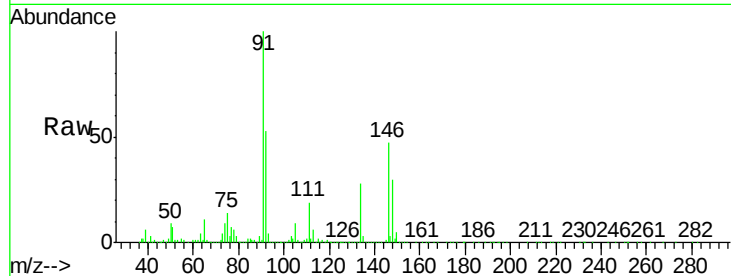
91 100

92 53.2 26.7 80.0

134 29.3 14.6 43.8

Manual Integrations
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#90

Hexachloroethane

Concen: 153.104 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX011753.D

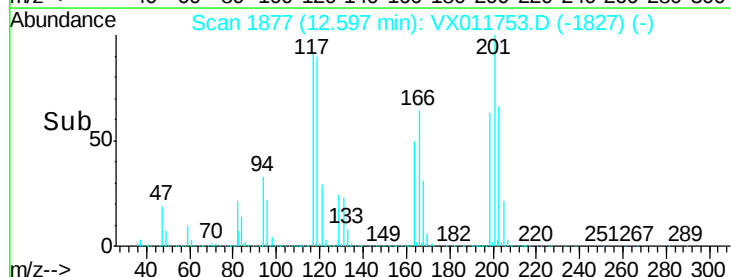
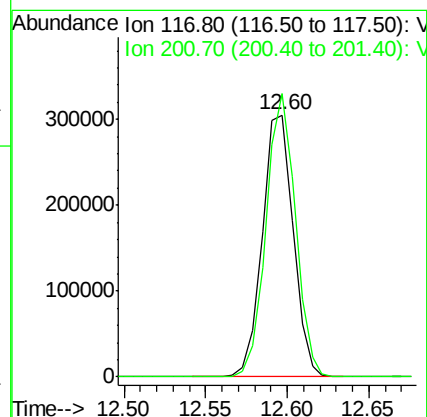
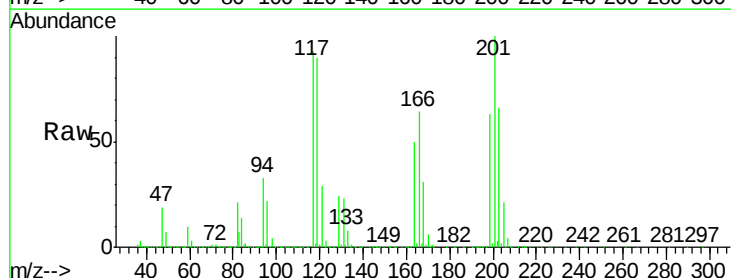
Acq: 22 Aug 2019 10:53

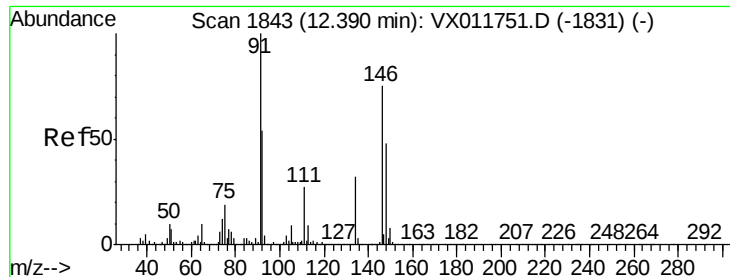
Tgt Ion: 117 Resp: 402602

Ion Ratio Lower Upper

117 100

201 101.8 49.6 149.0





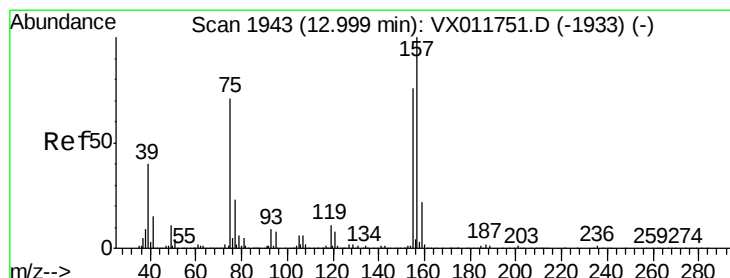
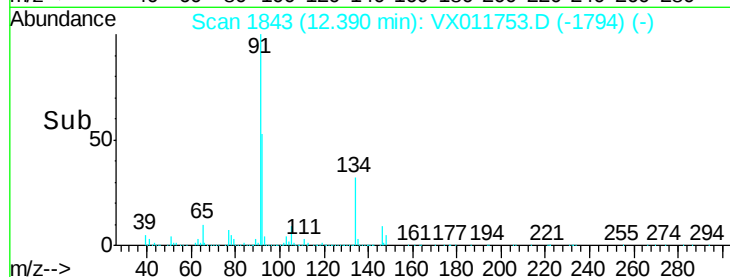
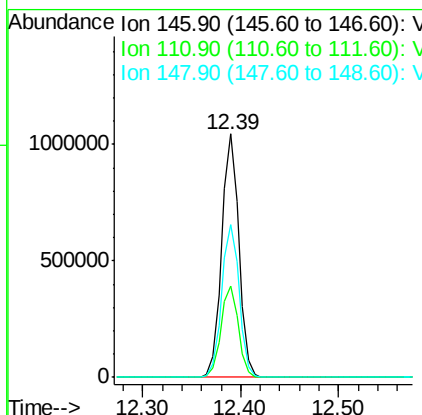
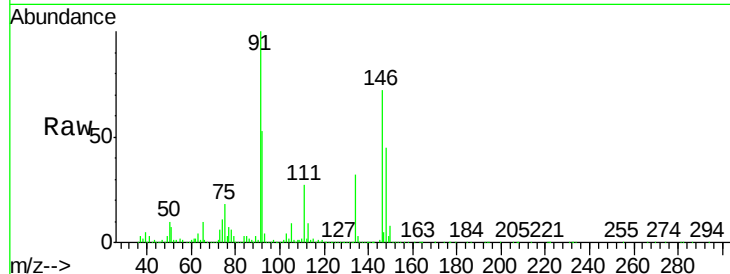
#91
 1,2-Dichlorobenzene
 Concen: 134.498 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	63.9	31.6	95.0

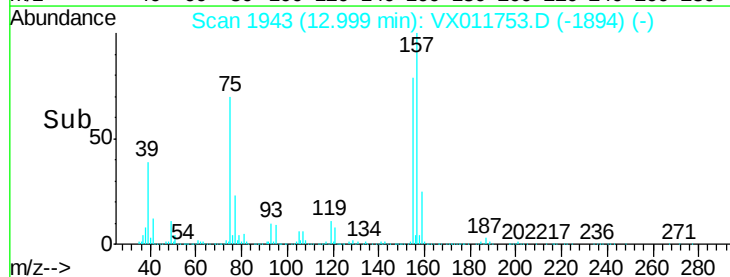
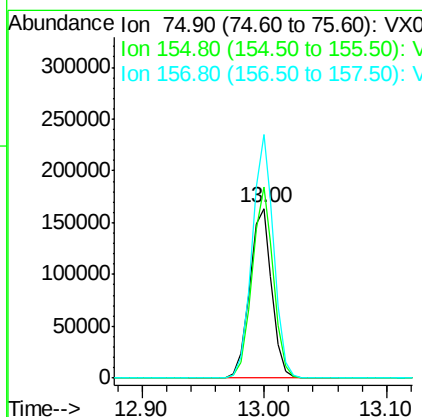
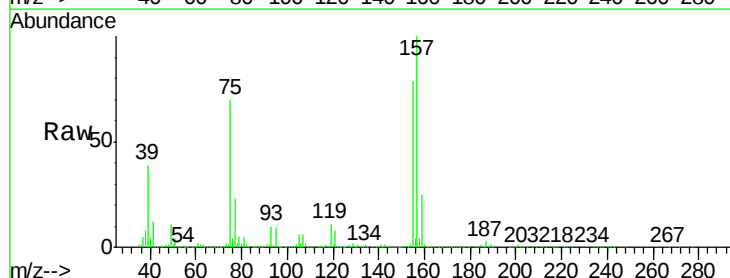
Manual Integrations
 APPROVED

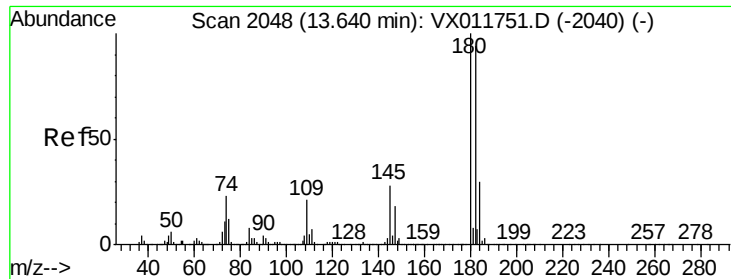
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 141.991 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.0	52.6	157.9
157	140.9	68.3	204.9





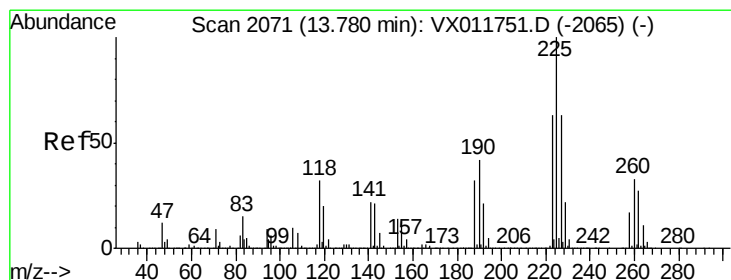
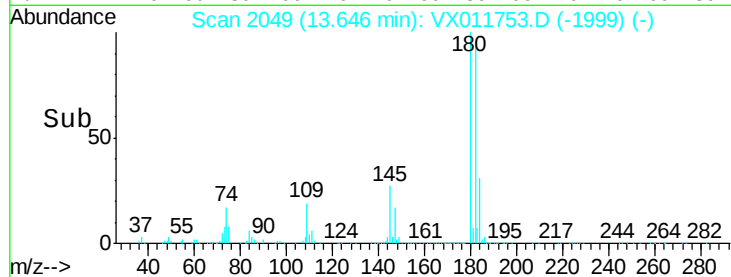
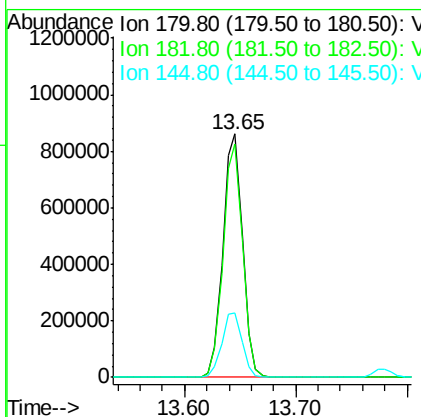
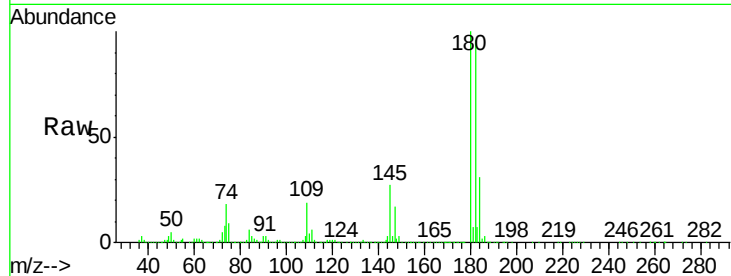
#93
 1,2,4-Trichlorobenzene
 Concen: 149.319 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	27.2	14.1	42.3

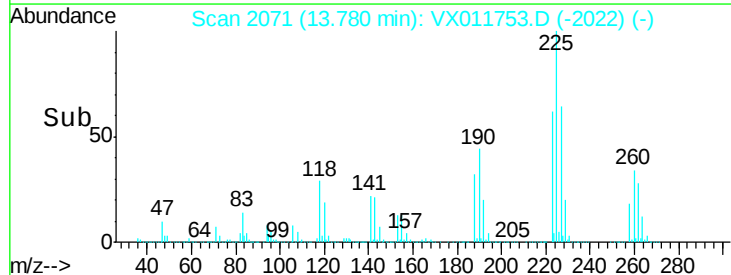
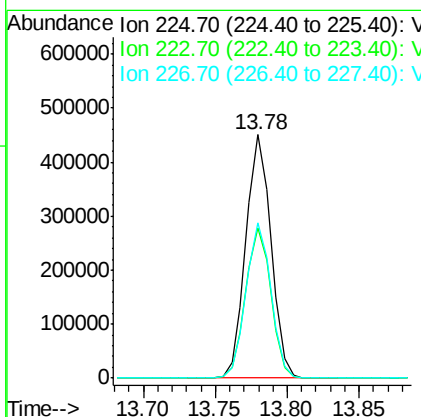
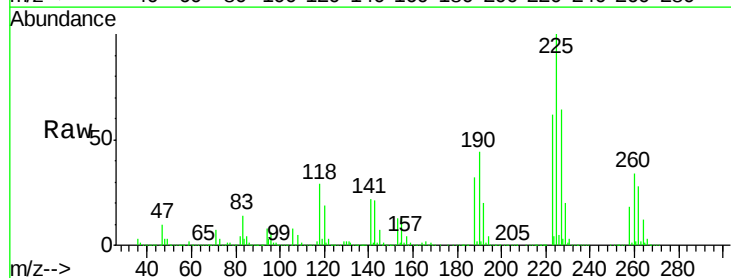
Manual Integrations
 APPROVED

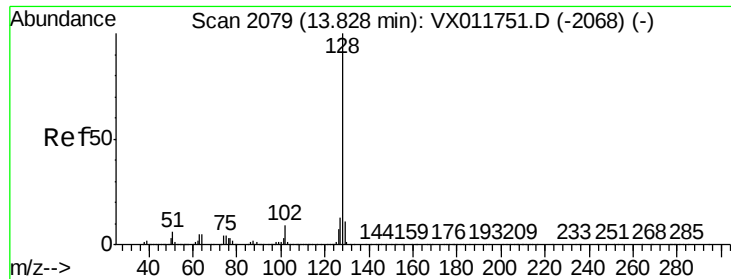
MMDadoda
 8/23/2019 1:55:57 PM



#94
 Hexachlorobutadiene
 Concen: 144.056 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011753.D
 Acq: 22 Aug 2019 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.0	93.0
227	63.0	31.8	95.3





#95

Naphthalene

Concen: 150.814 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2959373

Ion Ratio Lower Upper

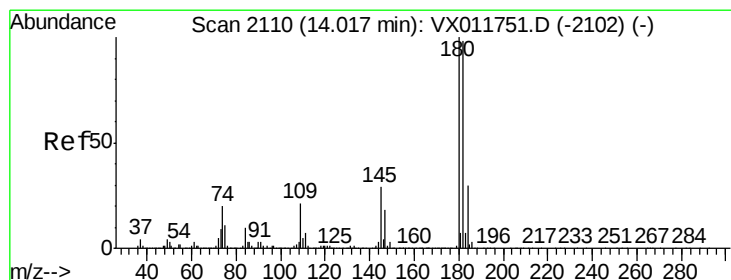
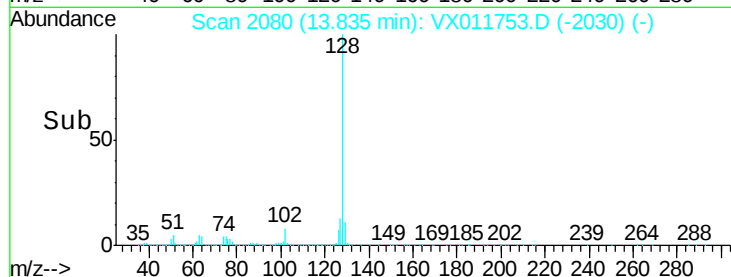
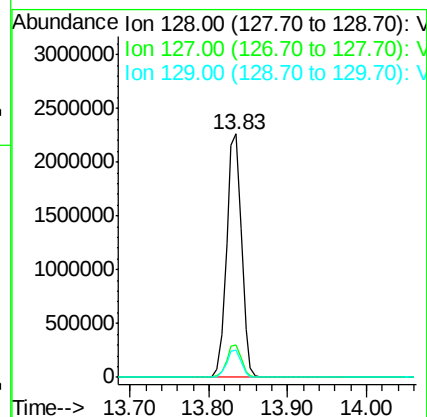
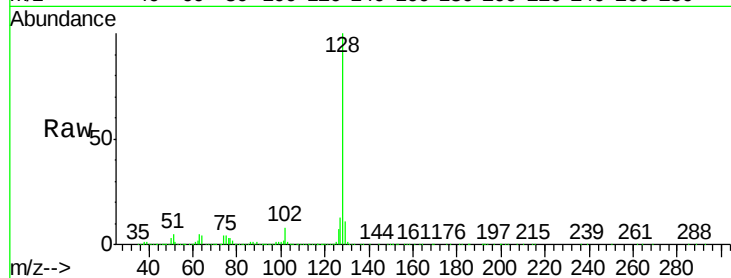
128 100

127 13.1 10.4 15.6

129 11.0 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
8/23/2019 1:55:57 PM



#96

1,2,3-Trichlorobenzene

Concen: 147.195 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011753.D

Acq: 22 Aug 2019 10:53

Tgt Ion:180 Resp: 1037714

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.5

145 28.9 14.6 43.8

