

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011742.D
 Acq On : 21 Aug 2019 20:12
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:45 AM

Quant Time: Aug 22 04:17:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	358875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159135	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.49	113	149601	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.71	98	463381	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	201071	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	67251	19.065	ug/l 96
3) Chloromethane	1.32	50	57576	15.715	ug/l 98
4) Vinyl Chloride	1.40	62	57361	17.331	ug/l 98
5) Bromomethane	1.63	94	33134	22.343	ug/l 99
6) Chloroethane	1.71	64	33010	21.074	ug/l 99
7) Trichlorofluoromethane	1.92	101	95565	20.847	ug/l 97
8) Diethyl Ether	2.18	74	32598	20.730	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59340	18.741	ug/l 98
10) Methyl Iodide	2.50	142	64887	14.385	ug/l 99
11) Tert butyl alcohol	3.04	59	81986	100.414	ug/l 97
12) 1,1-Dichloroethene	2.37	96	56490	18.461	ug/l 98
13) Acrolein	2.29	56	20809	90.977	ug/l 89
14) Allyl chloride	2.72	41	92651	18.202	ug/l 99
15) Acrylonitrile	3.14	53	185923	99.495	ug/l 100
16) Acetone	2.43	43	159474	95.298	ug/l 100
17) Carbon Disulfide	2.56	76	126051	17.482	ug/l 98
18) Methyl Acetate	2.77	43	107686	20.749	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	199460	20.014	ug/l 99
20) Methylene Chloride	2.85	84	66256	18.857	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	62745	19.350	ug/l 92
22) Diisopropyl ether	3.85	45	193258	19.064	ug/l 97
23) Vinyl Acetate	3.81	43	764106	95.188	ug/l 100
24) 1,1-Dichloroethane	3.69	63	107442	18.746	ug/l 98
25) 2-Butanone	4.67	43	245303	93.373	ug/l 97
26) 2,2-Dichloropropane	4.57	77	75601	17.526	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	70019	18.523	ug/l 99
28) Bromochloromethane	5.01	49	48914	19.441	ug/l 99
29) Tetrahydrofuran	5.12	42	159994	92.840	ug/l 97
30) Chloroform	5.20	83	116998	19.343	ug/l 96
31) Cyclohexane	5.57	56	92852	18.816	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	103504	19.901	ug/l 99
36) 1,1-Dichloropropene	5.80	75	80862	19.796	ug/l 97
37) Ethyl Acetate	4.83	43	90358	19.232	ug/l 99
38) Carbon Tetrachloride	5.78	117	89747	19.942	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92987	18.434	ug/l	98
40) Benzene	6.14	78	253380	19.961	ug/l	99
41) Methacrylonitrile	5.04	41	52613	20.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	93133	21.177	ug/l	98
43) Isopropyl Acetate	6.44	43	144467	19.703	ug/l	100
44) Trichloroethene	7.21	130	73114	19.416	ug/l	93
45) 1,2-Dichloropropane	7.51	63	63598	20.090	ug/l	100
46) Dibromomethane	7.66	93	45145	19.624	ug/l	98
47) Bromodichloromethane	7.90	83	83007	19.651	ug/l	100
48) Methyl methacrylate	7.76	41	70751	19.485	ug/l	97
49) 1,4-Dioxane	7.74	88	38154	395.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	488185	101.722	ug/l	99
52) Toluene	8.78	92	162484	20.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83781	19.111	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	92965	19.378	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	71037	20.656	ug/l	99
56) Ethyl methacrylate	9.18	69	100072	20.021	ug/l	98
57) 1,3-Dichloropropane	9.37	76	112934	20.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	256314	102.916	ug/l	100
59) 2-Hexanone	9.49	43	379091	102.431	ug/l	100
60) Dibromochloromethane	9.58	129	73005	20.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	76791	20.922	ug/l	97
64) Tetrachloroethene	9.34	164	75379	20.626	ug/l	99
65) Chlorobenzene	10.13	112	186405	19.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	70867	19.957	ug/l	98
67) Ethyl Benzene	10.25	91	314233	19.819	ug/l	98
68) m/p-Xylenes	10.35	106	243165	39.954	ug/l	98
69) o-Xylene	10.69	106	119797	20.095	ug/l	98
70) Styrene	10.71	104	201152	20.043	ug/l	99
71) Bromoform	10.85	173	58541	19.140	ug/l #	96
73) Isopropylbenzene	11.02	105	317129	21.565	ug/l	99
74) N-amyl acetate	10.90	43	122758	19.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106859	21.123	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	90939m	21.161	ug/l	
77) Bromobenzene	11.25	156	93994	21.483	ug/l	99
78) n-propylbenzene	11.36	91	335865	21.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	207689	21.329	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	266021	21.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25137	18.909	ug/l	86
82) 4-Chlorotoluene	11.51	91	239354	21.188	ug/l	100
83) tert-Butylbenzene	11.77	119	266065	21.147	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	268644	21.661	ug/l	99
85) sec-Butylbenzene	11.94	105	300992	21.204	ug/l	100
86) p-Isopropyltoluene	12.06	119	282141	21.127	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145795	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153677	20.162	ug/l	98
89) n-Butylbenzene	12.38	91	228468	20.809	ug/l	98
90) Hexachloroethane	12.59	117	42338	20.076	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	156999	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23511	20.314	ug/l	93

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MSVOA_X
ClientSampleId :
VX0821WBSD02

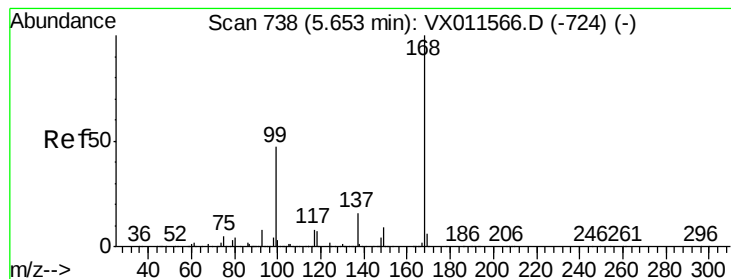
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112314	19.967	ug/l	98
94) Hexachlorobutadiene	13.78	225	61723	20.152	ug/l	97
95) Naphthalene	13.83	128	344981	21.694	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112724	19.869	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:168 Resp: 358875

Ion Ratio Lower Upper

168 100

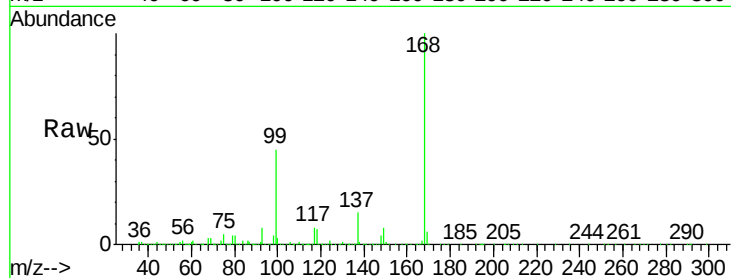
99 44.9 37.3 55.9

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

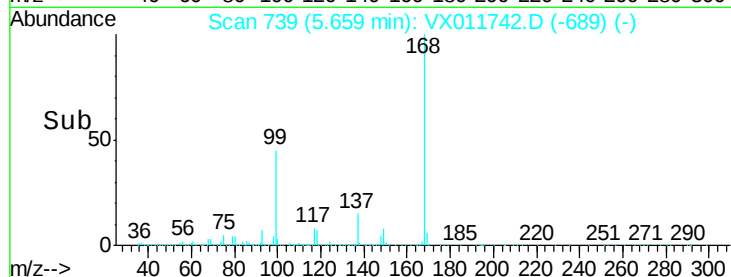
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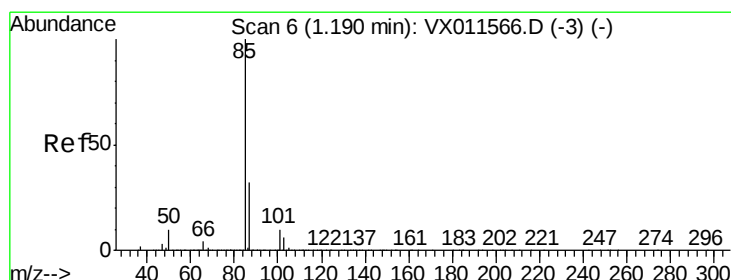
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Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 19.065 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011742.D

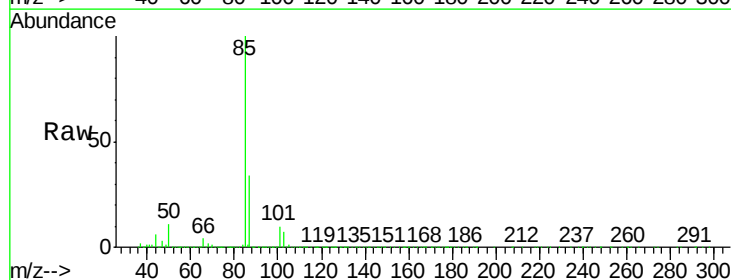
Acq: 21 Aug 2019 20:12

Tgt Ion: 85 Resp: 67251

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

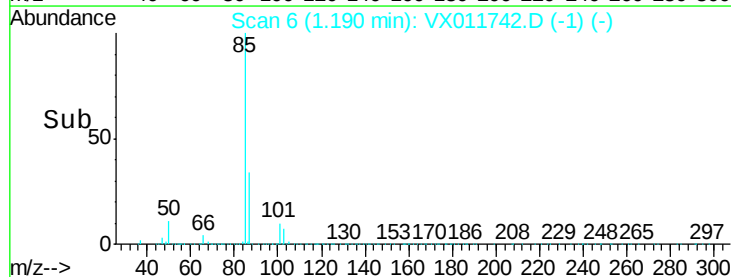
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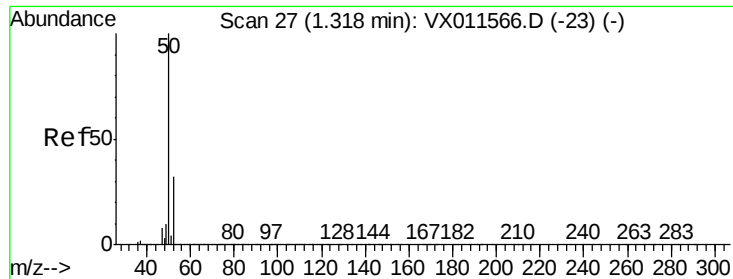
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20000

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Time-->





#3

Chloromethane

Concen: 15.715 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 50 Resp: 57576

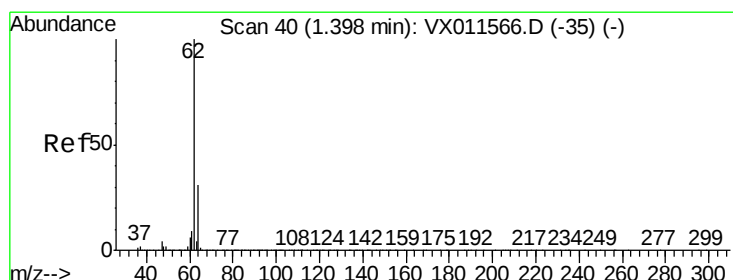
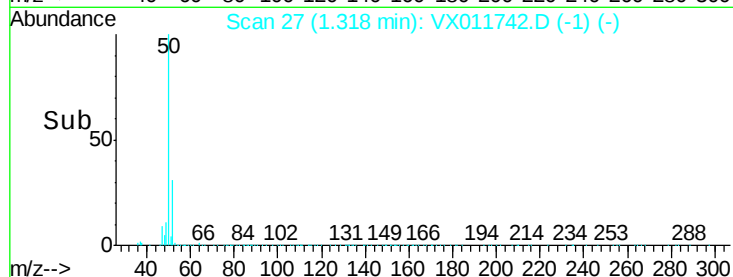
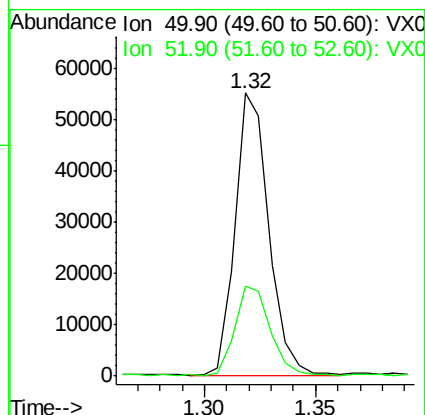
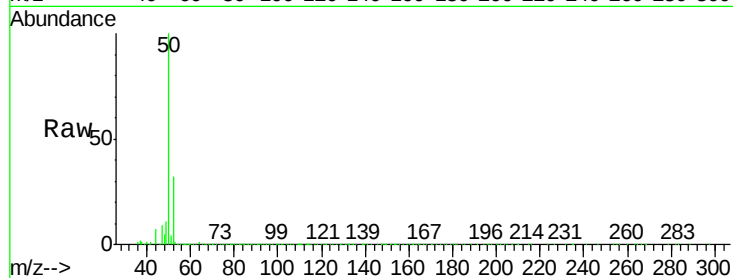
Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0

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#4

Vinyl Chloride

Concen: 17.331 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011742.D

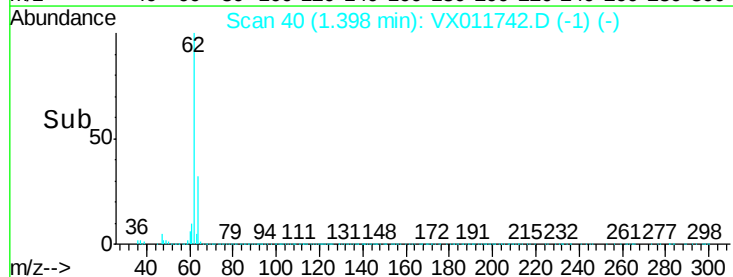
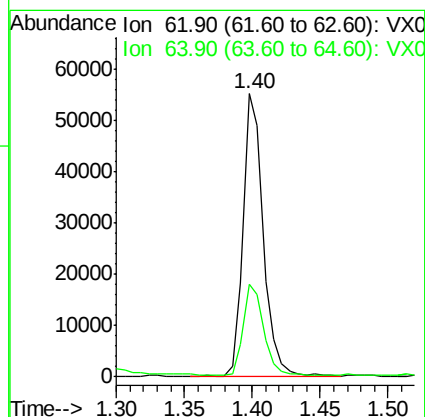
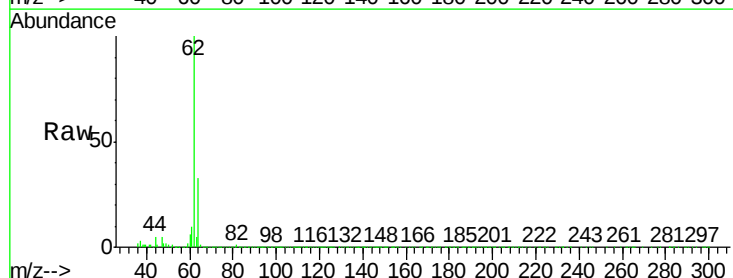
Acq: 21 Aug 2019 20:12

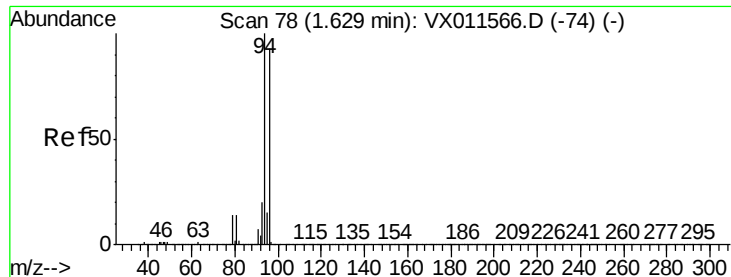
Tgt Ion: 62 Resp: 57361

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 22.343 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tot Ion: 94 Resp: 33134

Ion Ratio Lower Upper

94 100

96 94.2 74.8 112.2

Instrument :

MSVOA_X

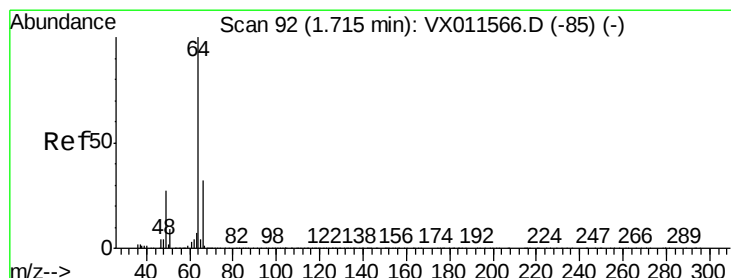
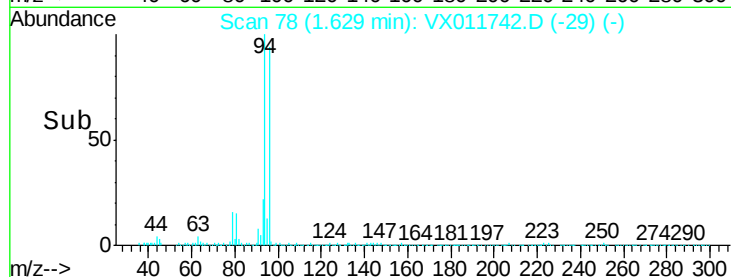
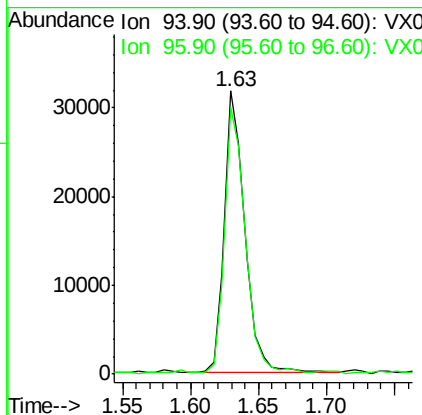
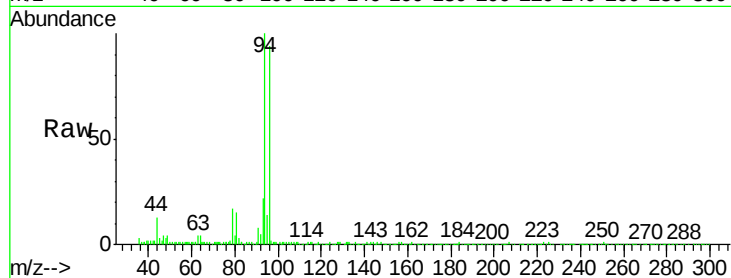
ClientSampleId :

VX0821WBSD02

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#6

Chloroethane

Concen: 21.074 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011742.D

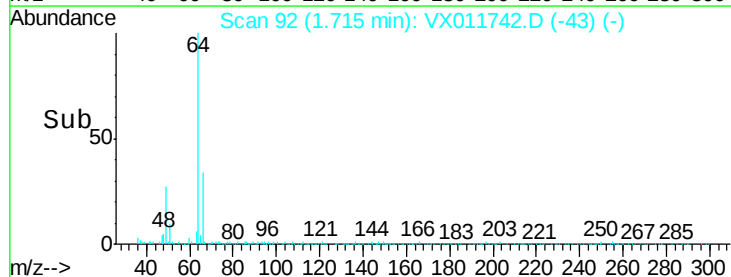
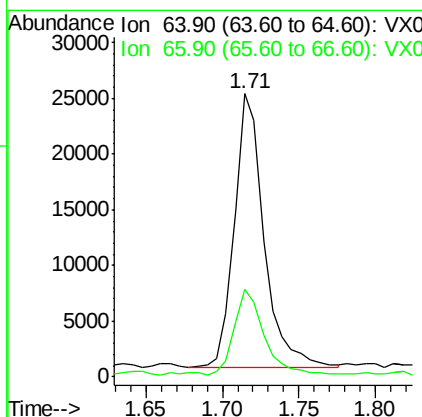
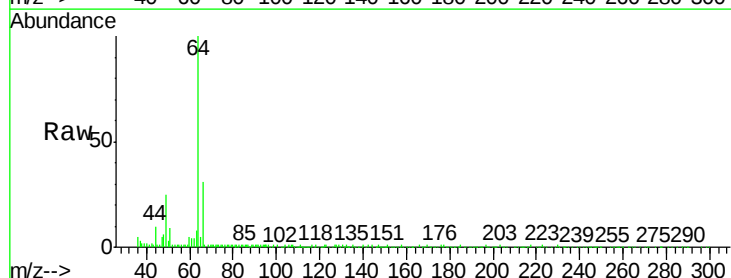
Acq: 21 Aug 2019 20:12

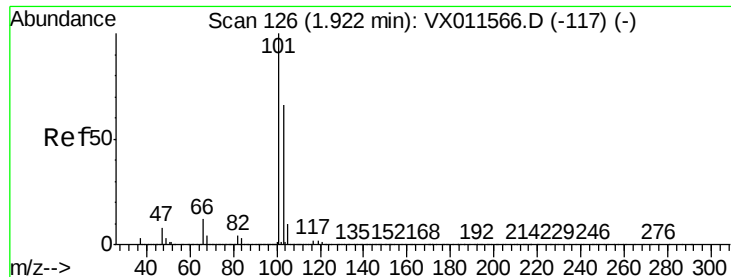
Tgt Ion: 64 Resp: 33010

Ion Ratio Lower Upper

64 100

66 30.9 25.3 37.9





#7

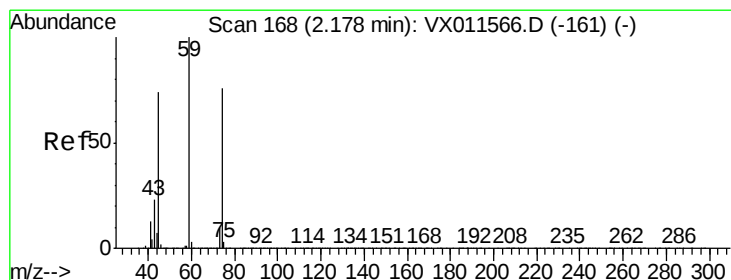
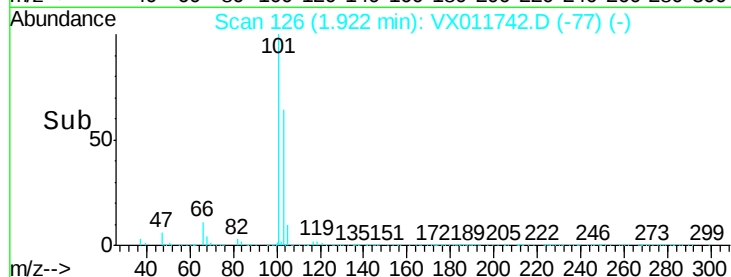
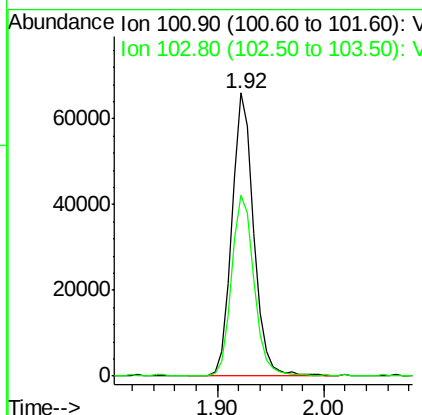
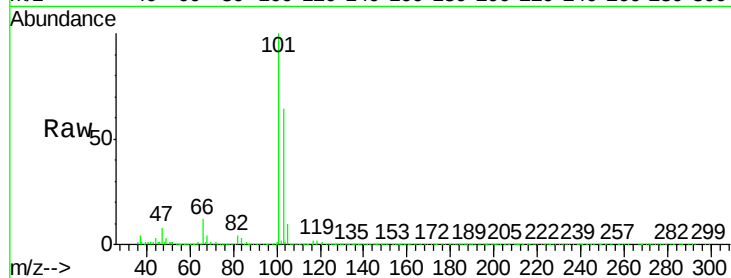
Trichlorofluoromethane
Concen: 20.847 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
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ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.9	79.3

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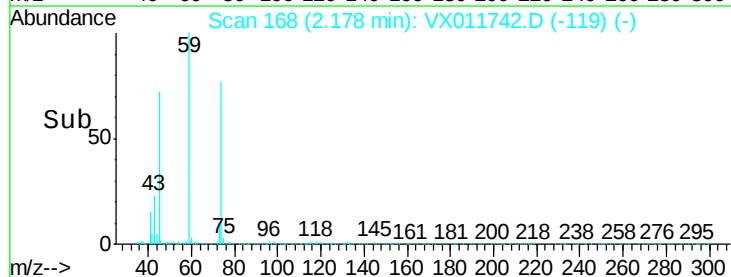
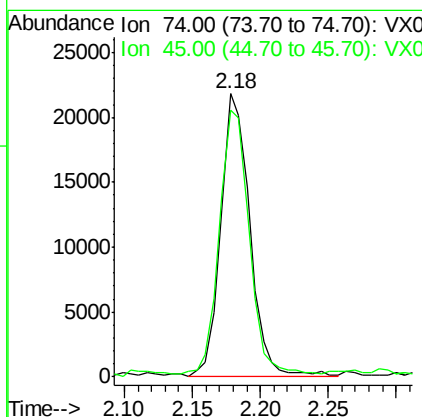
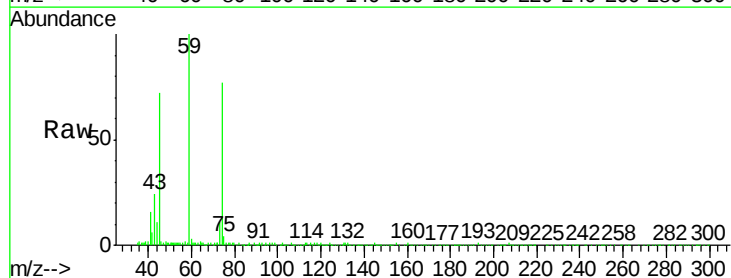
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8/22/2019 10:01:45 AM

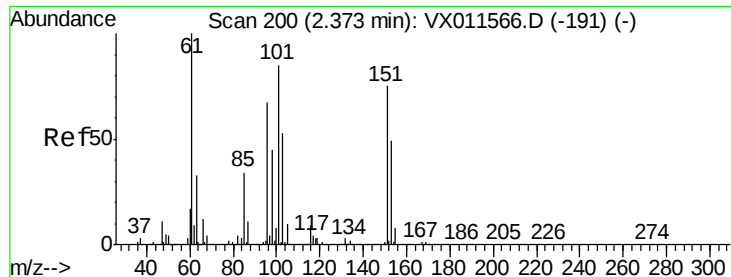


#8

Diethyl Ether
Concen: 20.730 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.741 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

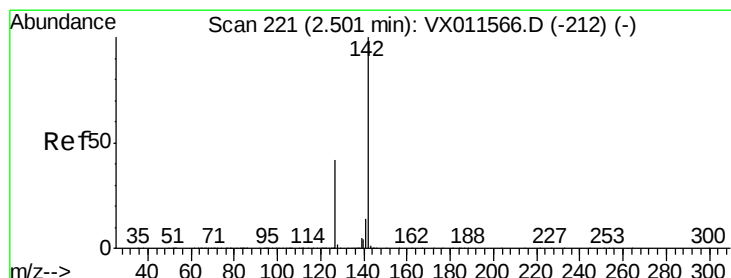
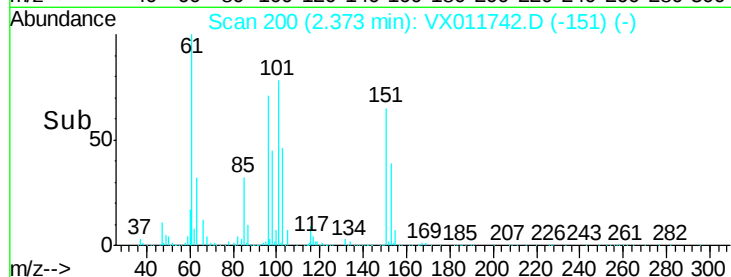
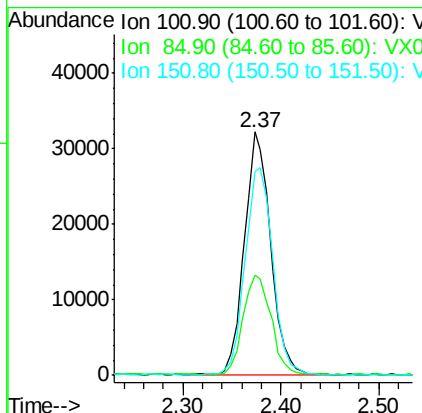
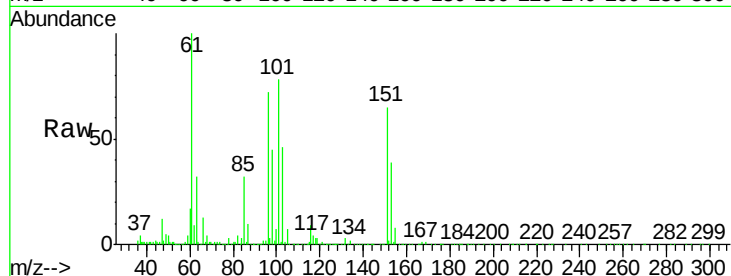
ClientSampleId :

VX0821WBSD02

Tot Ion:	101	Resp:	59340
Ion Ratio	Lower	Upper	
101	100		
85	44.0	33.0	49.4
151	90.9	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 14.385 ug/l

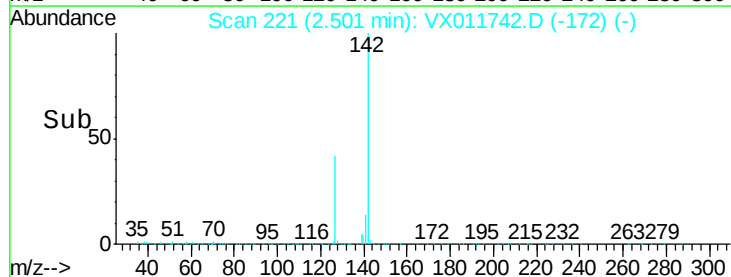
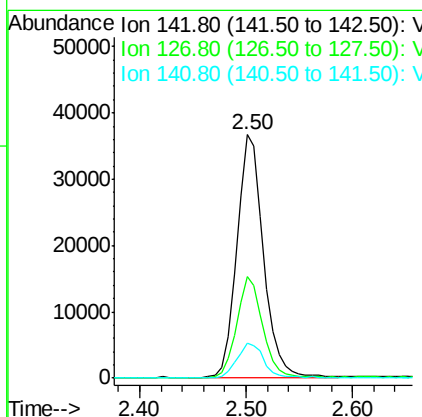
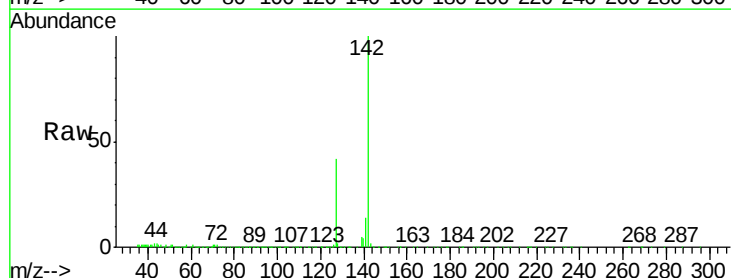
RT: 2.50 min Scan# 221

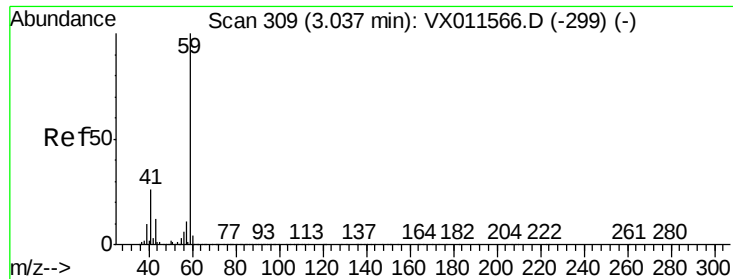
Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion:	142	Resp:	64887
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.8	49.2
141	14.8	11.4	17.2





#11

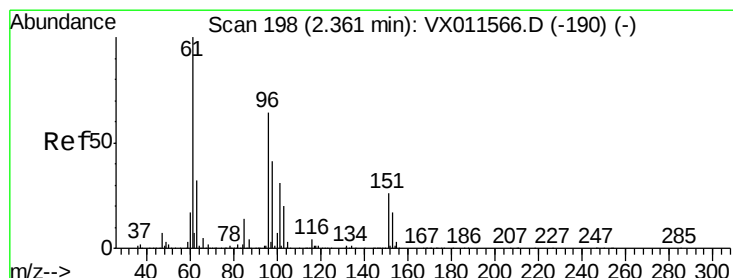
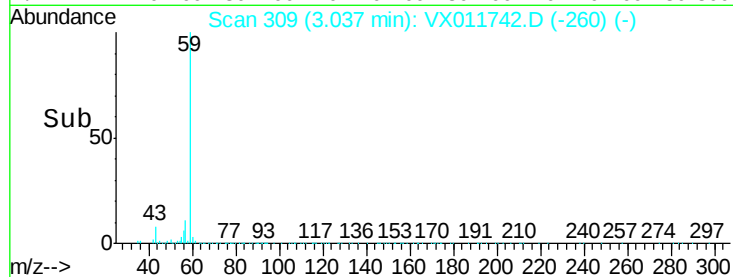
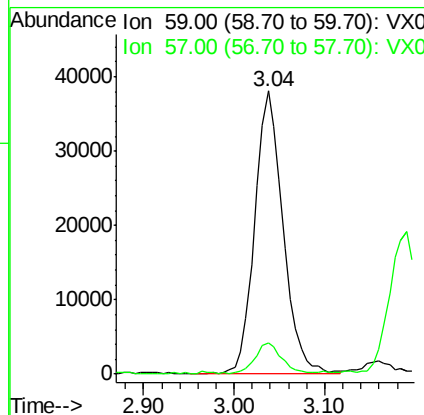
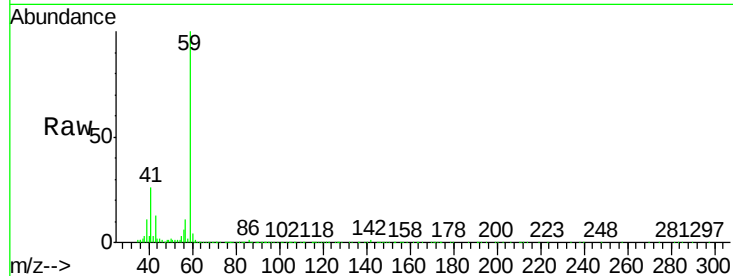
Tert butyl alcohol
 Concen: 100.414 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.8	8.7	13.1

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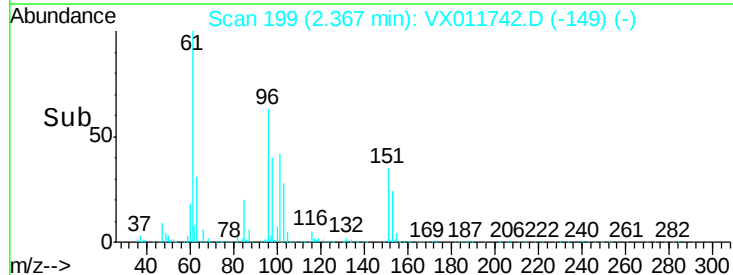
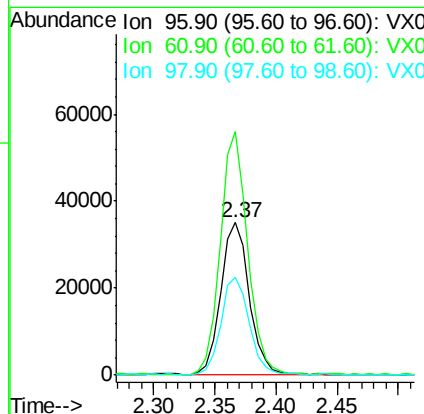
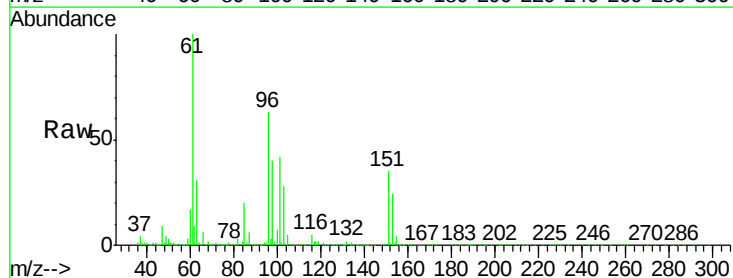
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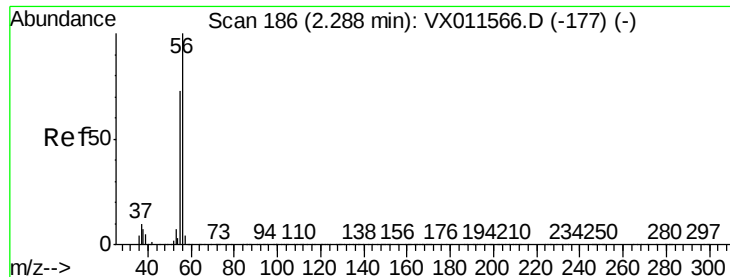


#12

1,1-Dichloroethene
 Concen: 18.461 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	159.3	125.0	187.4
98	98	64.1	51.5	77.3





#13

Acrolein

Concen: 90.977 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 56 Resp: 20809

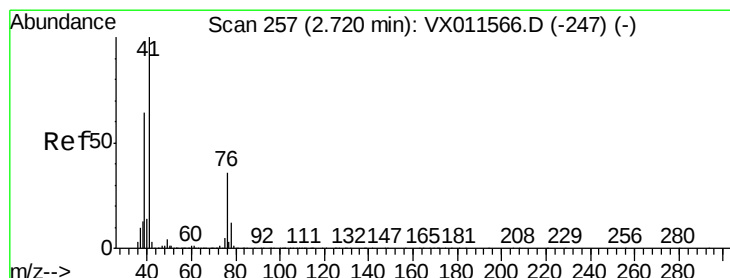
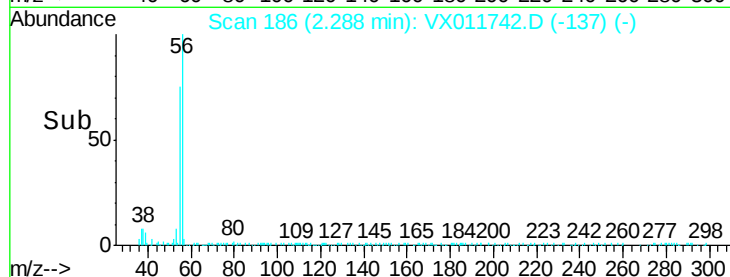
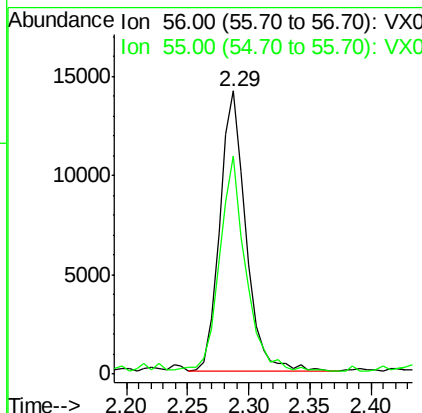
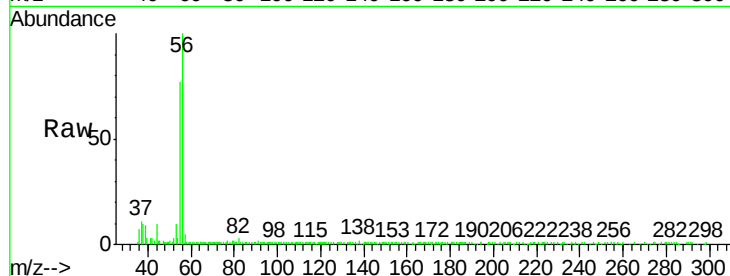
Ion Ratio Lower Upper

56 100

55 78.3 55.5 83.3

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#14

Allyl chloride

Concen: 18.202 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

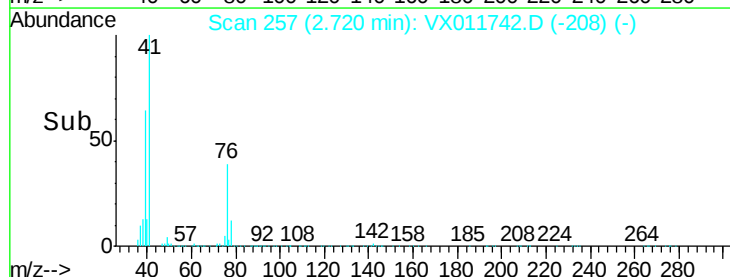
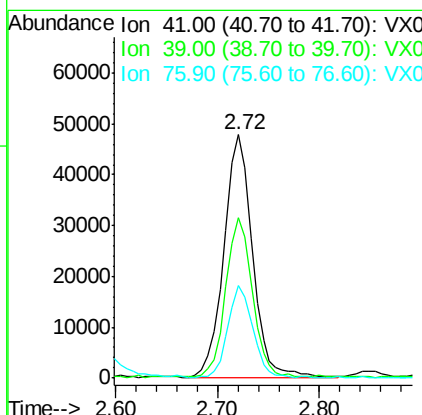
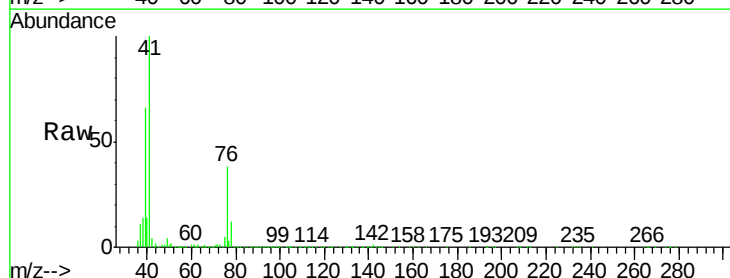
Tgt Ion: 41 Resp: 92651

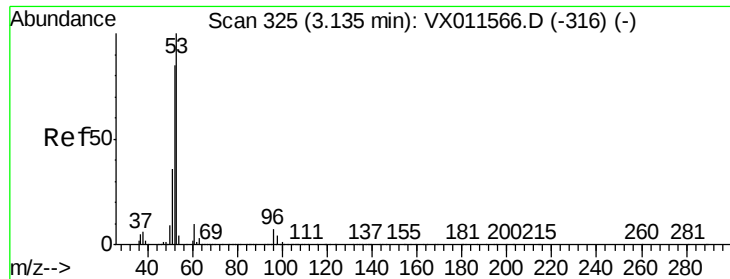
Ion Ratio Lower Upper

41 100

39 61.0 47.5 71.3

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 99.495 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

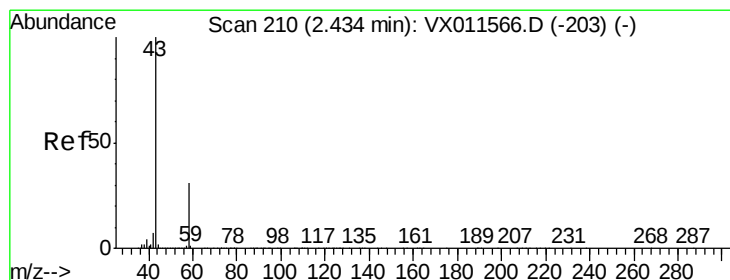
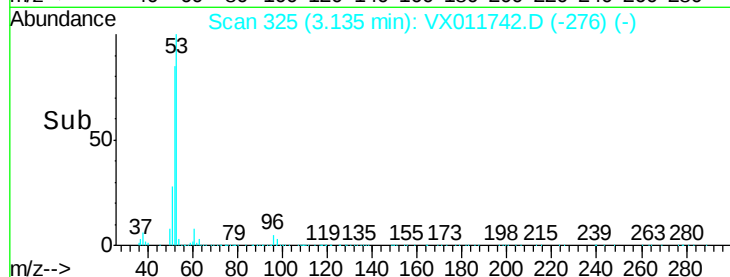
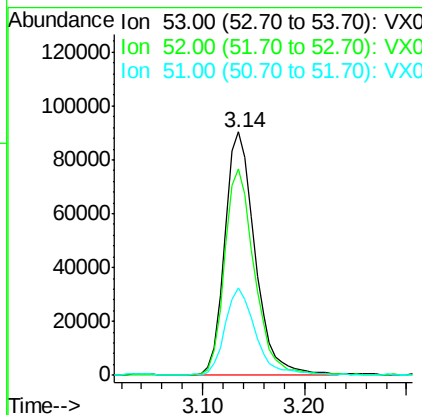
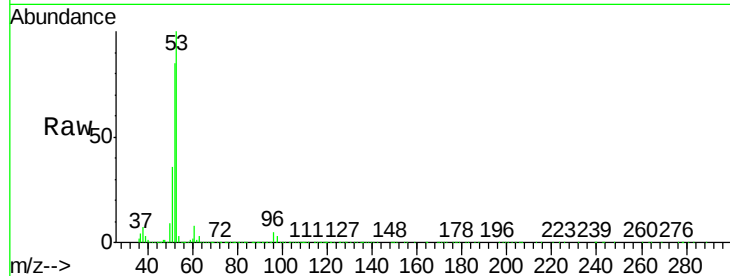
ClientSampleId :

VX0821WBSD02

Tot Ion:	53	Resp:	185923
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.7	100.1
51	35.8	28.7	43.1

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#16

Acetone

Concen: 95.298 ug/l

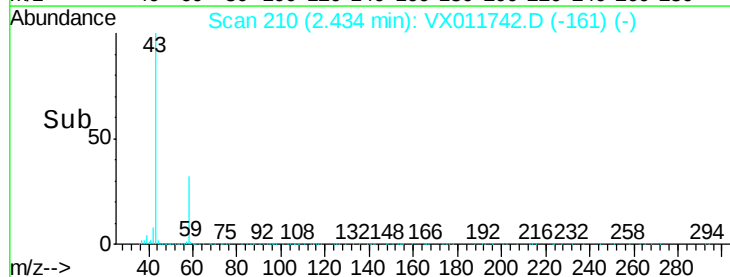
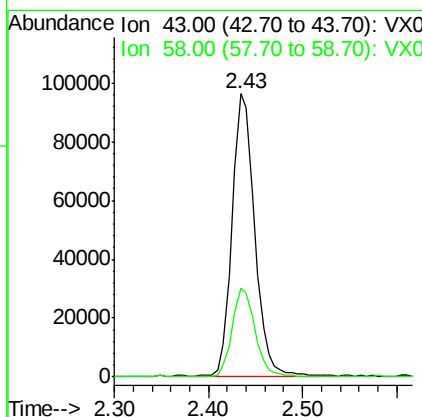
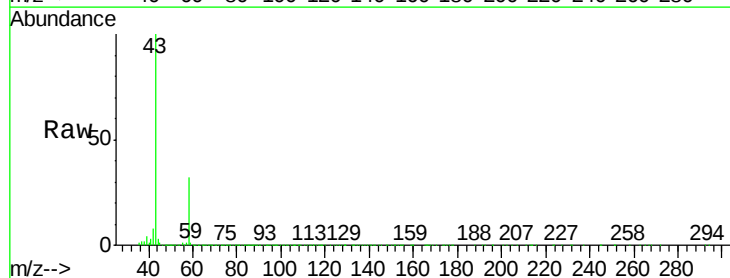
RT: 2.43 min Scan# 210

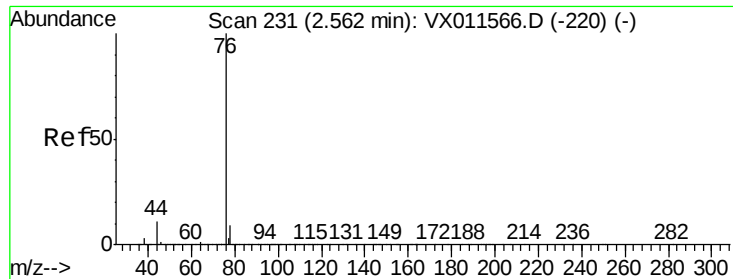
Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion:	43	Resp:	159474
Ion Ratio		Lower	Upper
43	100		
58	31.5	25.2	37.8





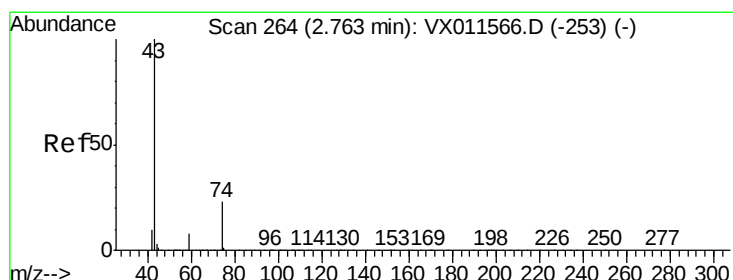
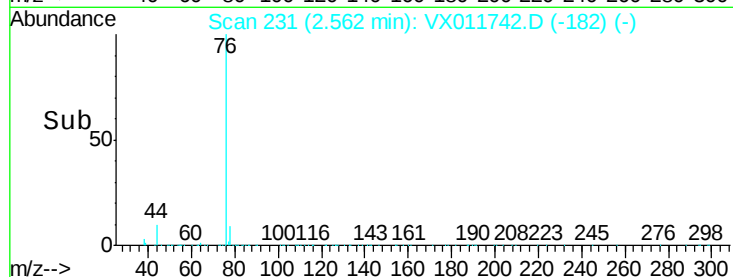
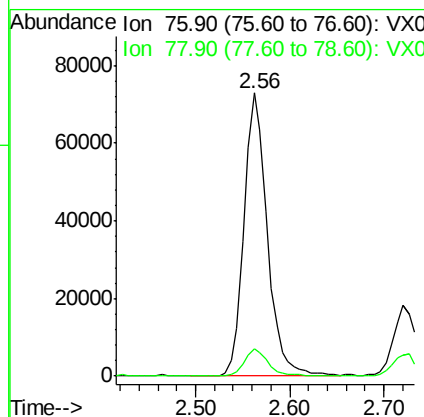
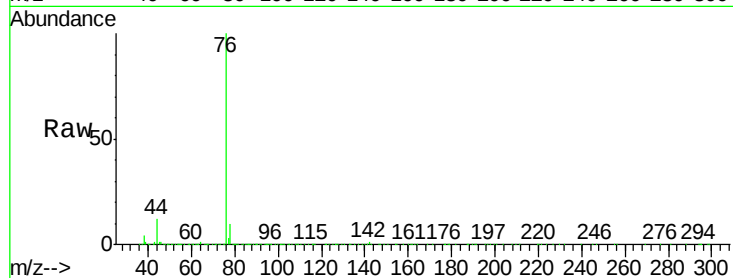
#17
Carbon Disulfide
Concen: 17.482 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8

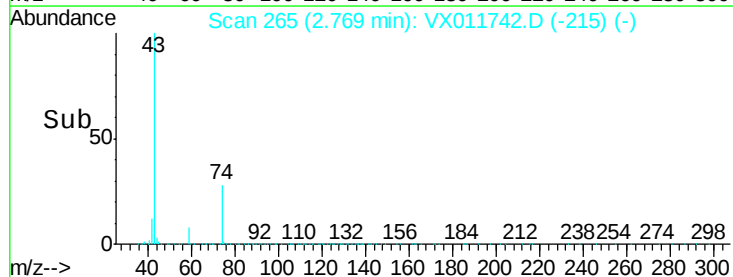
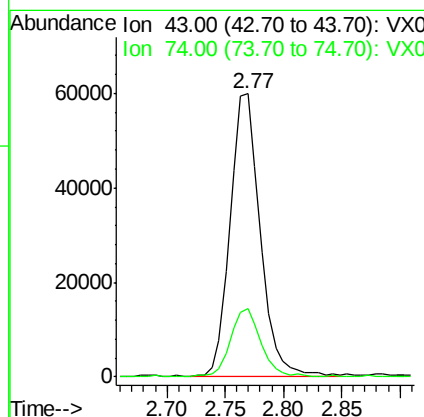
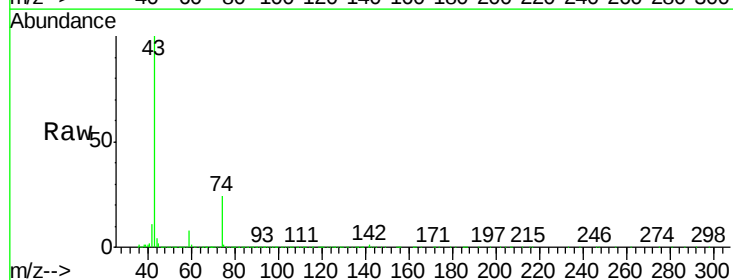
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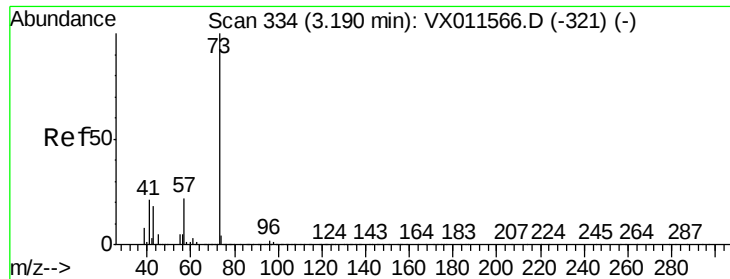
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#18
Methyl Acetate
Concen: 20.749 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.7	29.5





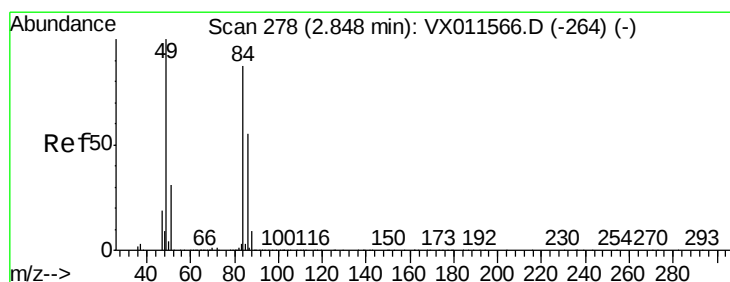
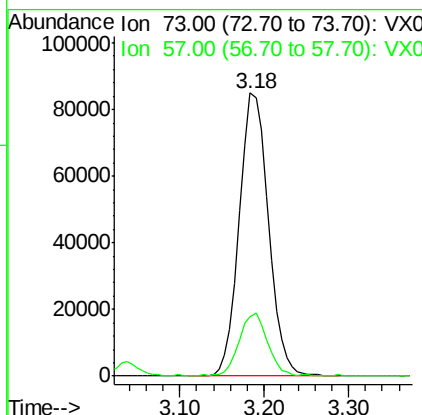
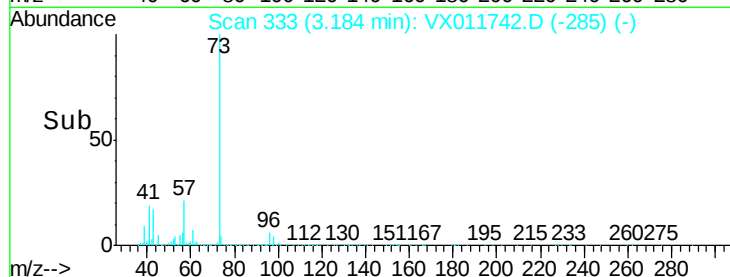
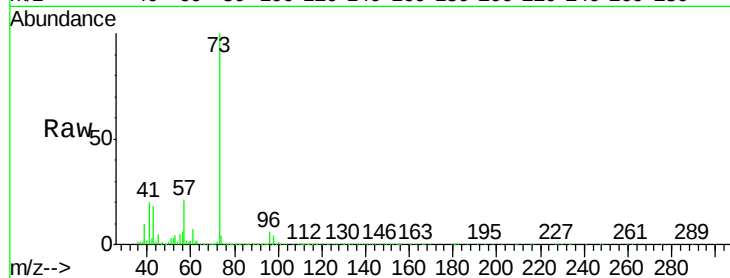
#19
Methvl tert-butvl Ether
Concen: 20.014 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.2	25.8

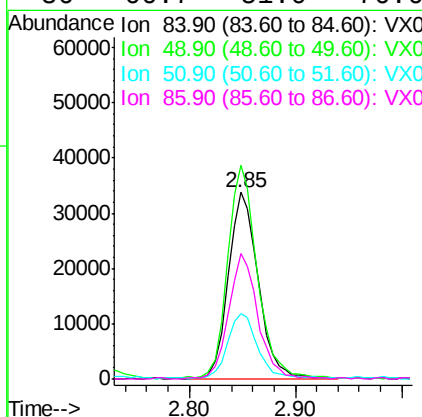
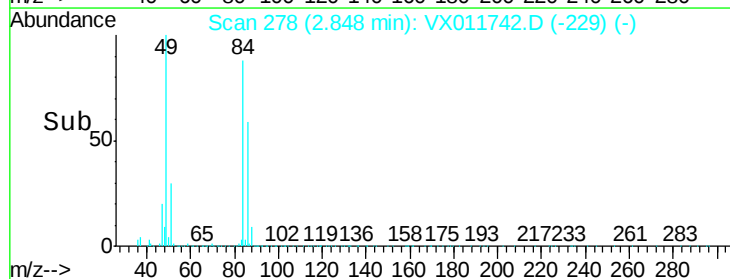
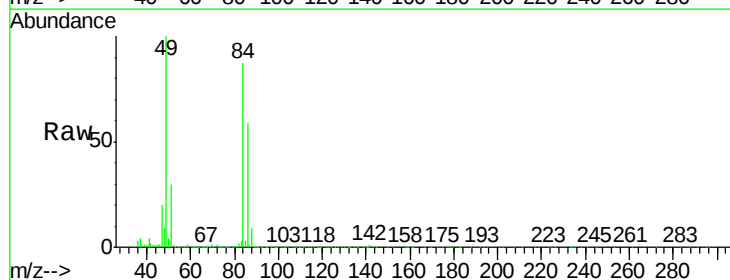
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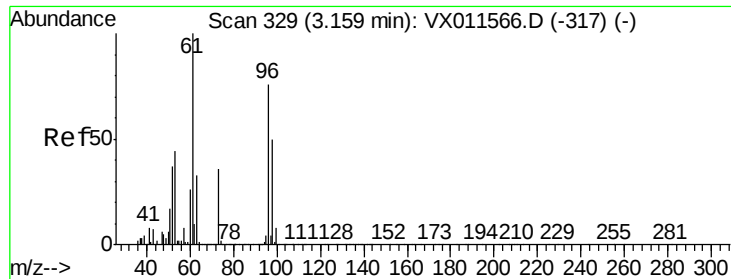
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#20
Methylene Chloride
Concen: 18.857 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	92.4	138.6
51	34.7	28.5	42.7
86	66.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.350 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

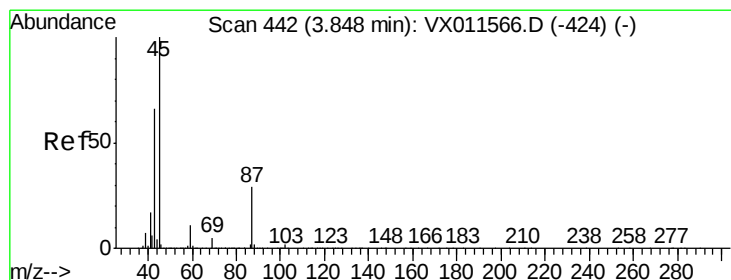
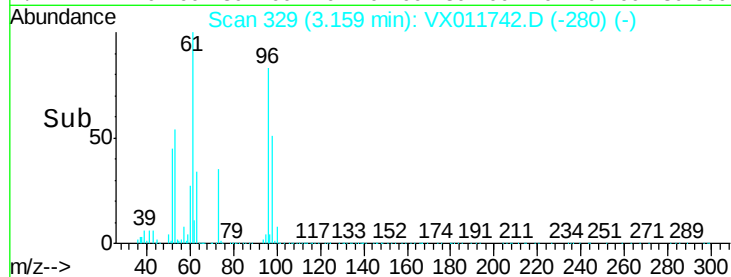
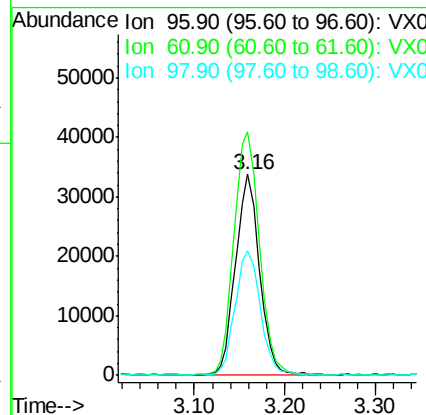
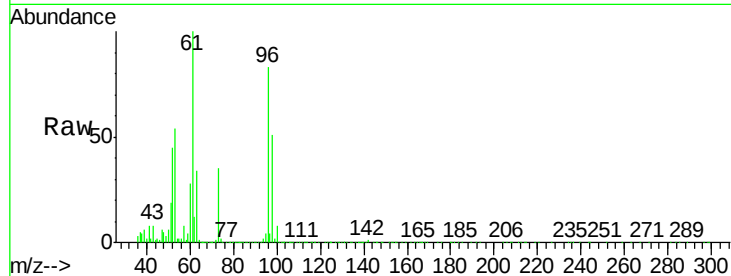
ClientSampleId :

VX0821WBSD02

Tot Ion:	96	Resp:	62745
Ion	Ratio	Lower	Upper
96	100		
61	120.4	105.5	158.3
98	61.8	52.6	78.8

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#22

Diisopropyl ether

Concen: 19.064 ug/l

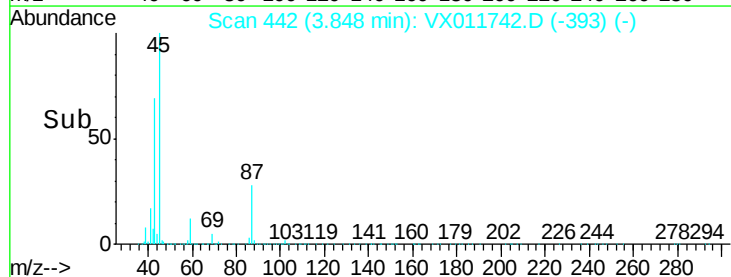
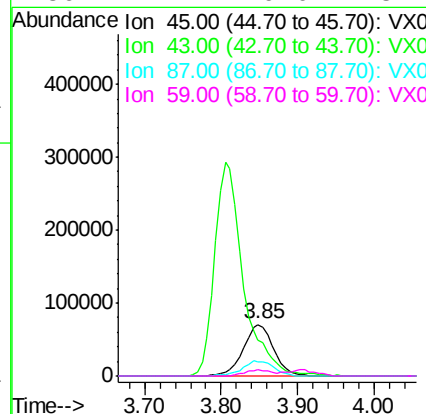
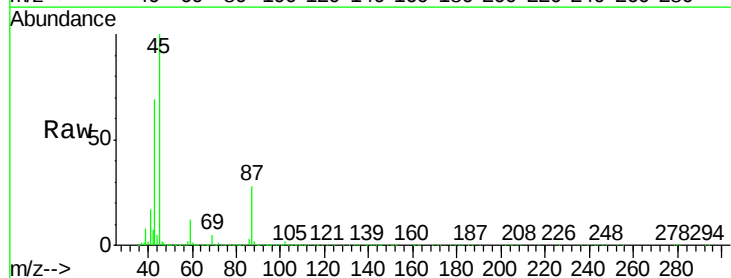
RT: 3.85 min Scan# 442

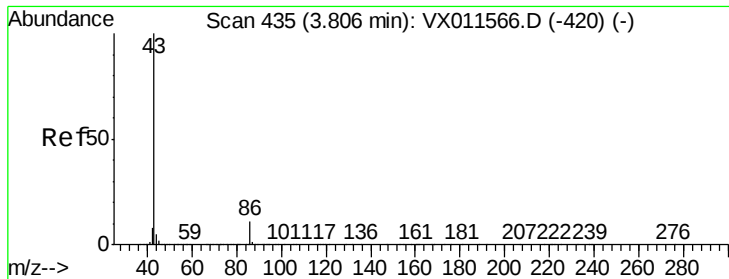
Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion:	45	Resp:	193258
Ion	Ratio	Lower	Upper
45	100		
43	68.4	52.7	79.1
87	28.3	23.5	35.3
59	12.1	9.0	13.4





#23

Vinyl Acetate

Concen: 95.188 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tot Ion: 43 Resp: 764106

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0

Instrument :

MSVOA_X

ClientSampleId :

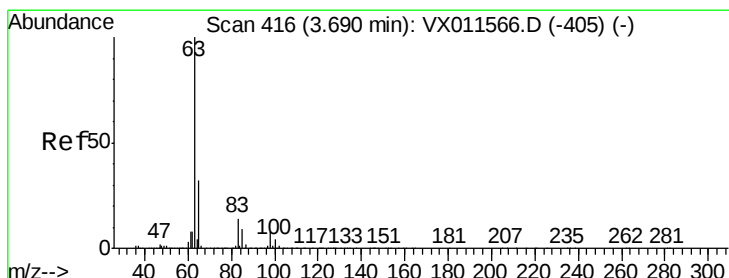
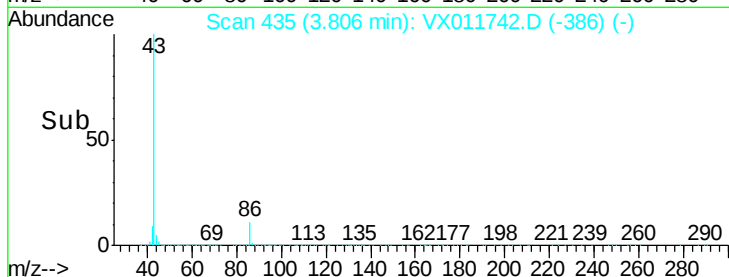
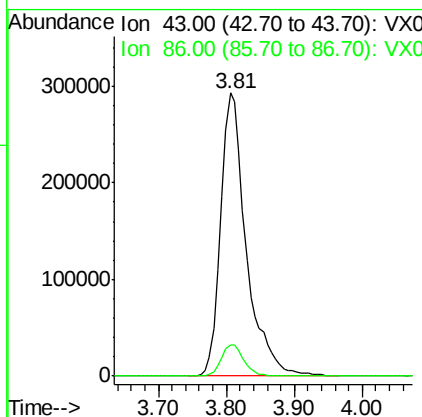
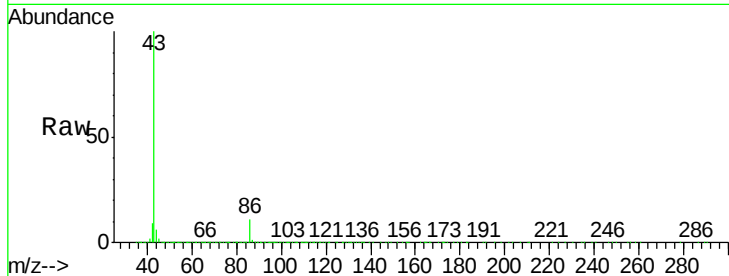
VX0821WBSD02

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#24

1,1-Dichloroethane

Concen: 18.746 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

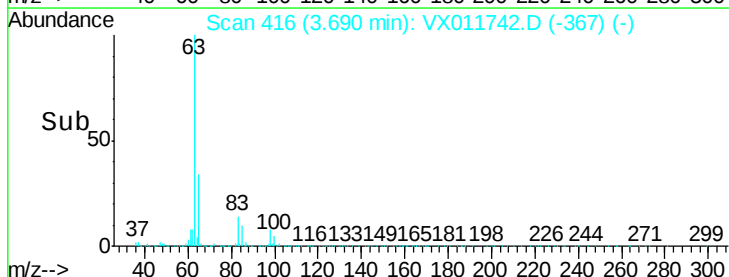
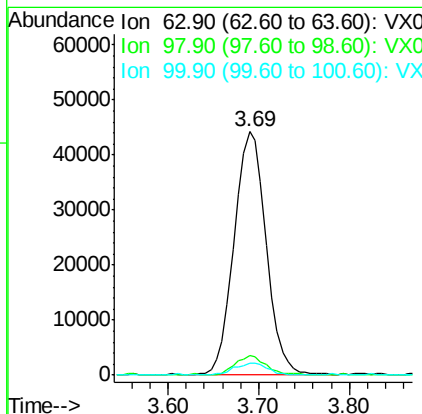
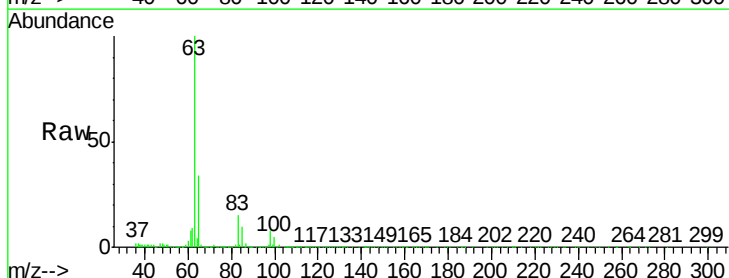
Tgt Ion: 63 Resp: 107442

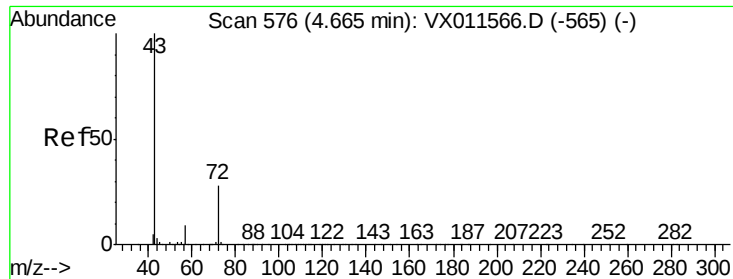
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.6 2.1 6.3





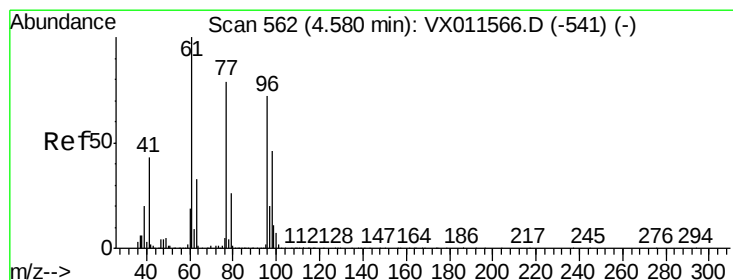
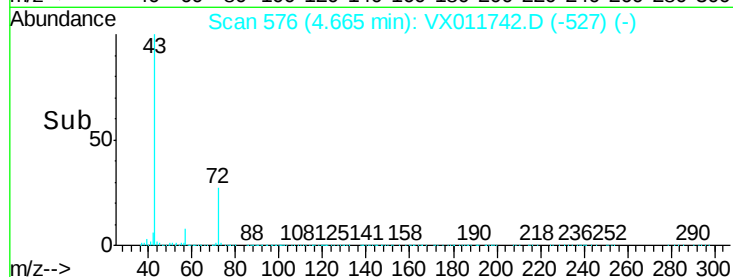
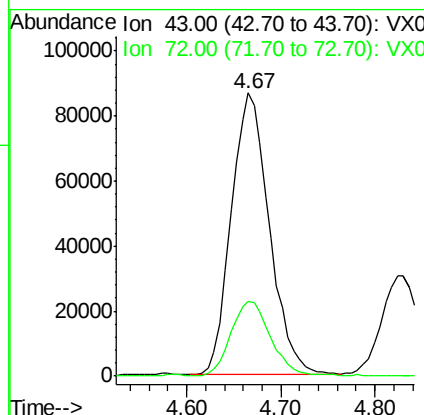
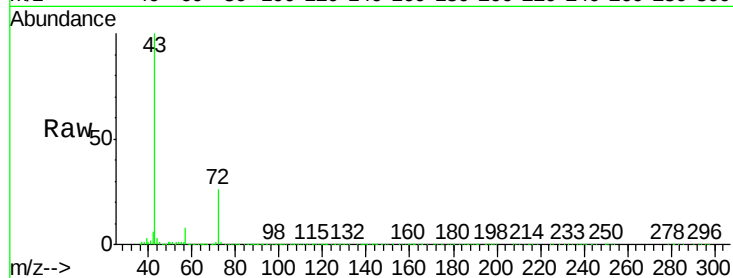
#25
2-Butanone
Concen: 93.373 ug/l
RT: 4.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleID :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.2	22.2	33.4

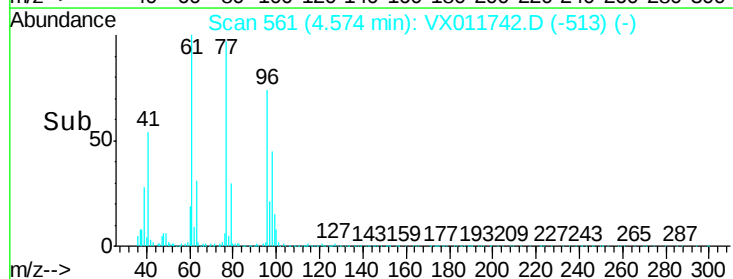
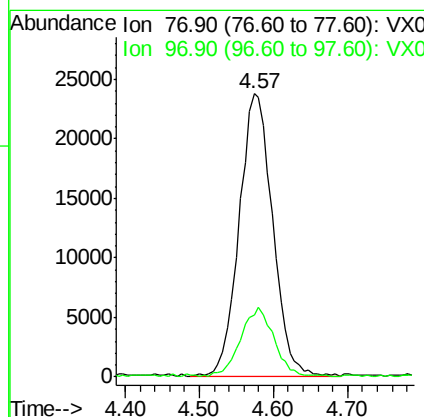
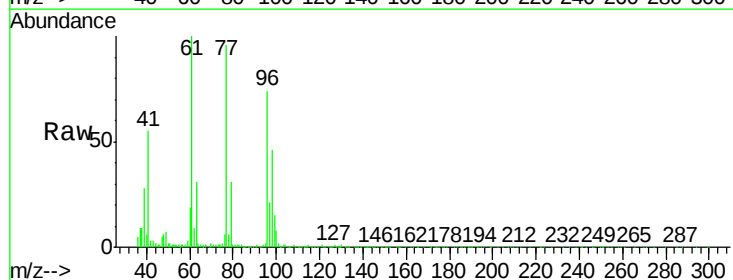
Manual Integrations
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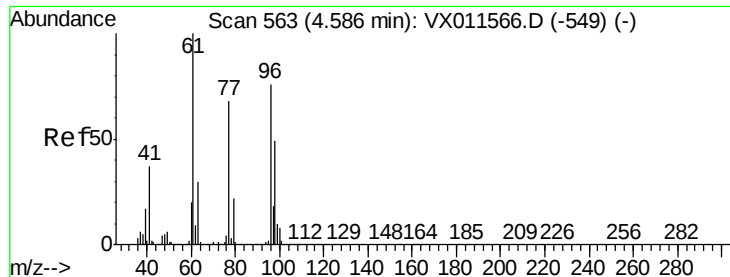
MMDadoda
8/22/2019 10:01:45 AM



#26
2,2-Dichloropropane
Concen: 17.526 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.7	12.4	37.2





#27

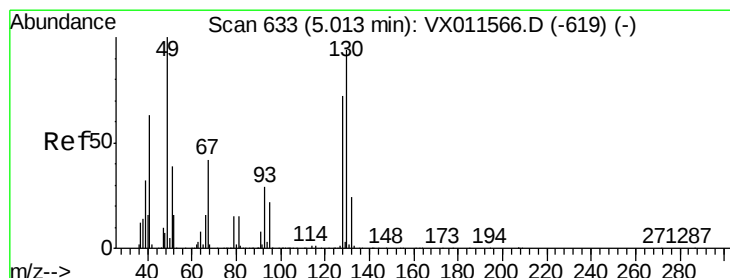
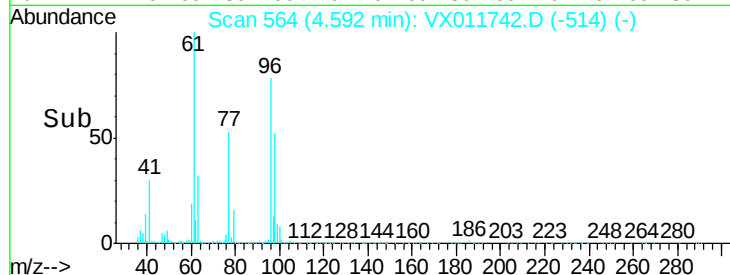
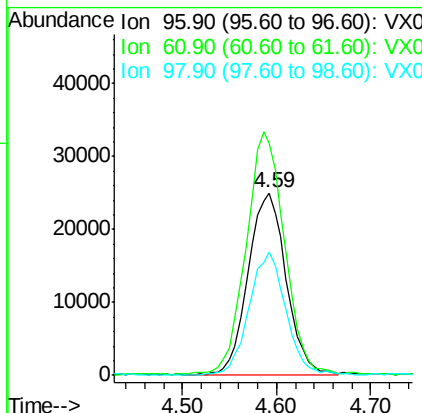
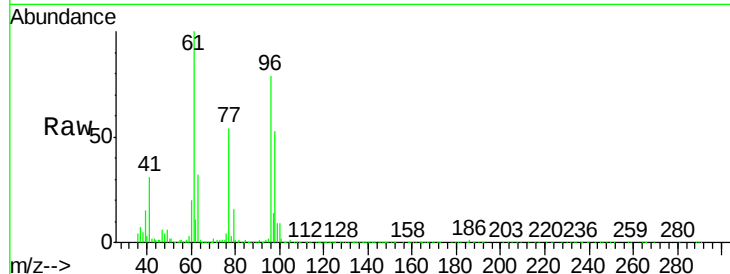
cis-1,2-Dichloroethene
Concen: 18.523 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	272.6
98	66.6	0.0	129.4

Manual Integrations
APPROVED

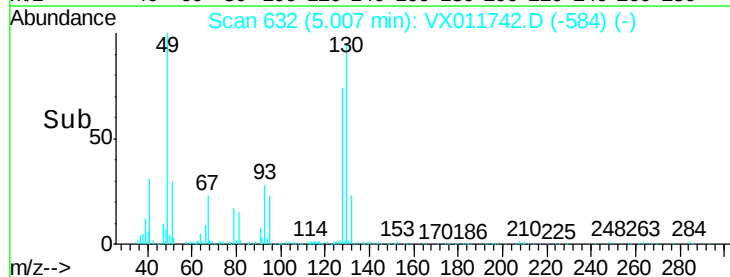
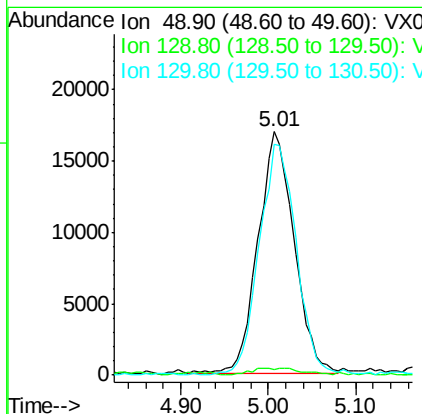
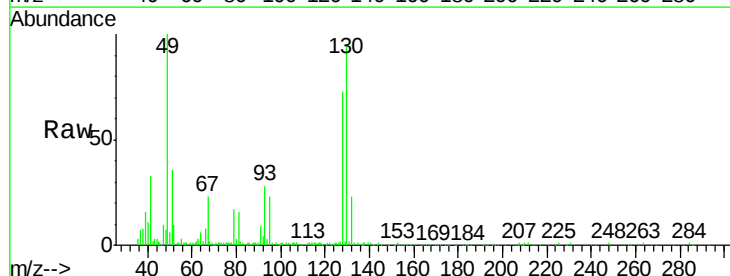
MMDadoda
8/22/2019 10:01:45 AM

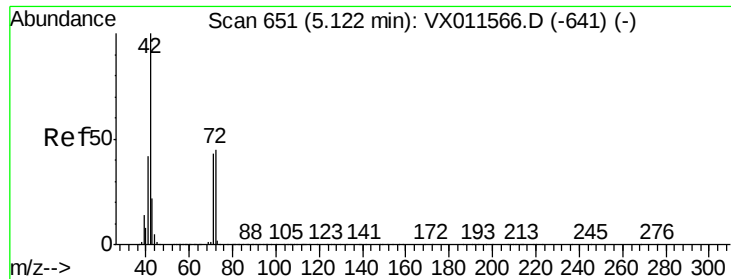


#28

Bromochloromethane
Concen: 19.441 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	97.1	76.6	115.0





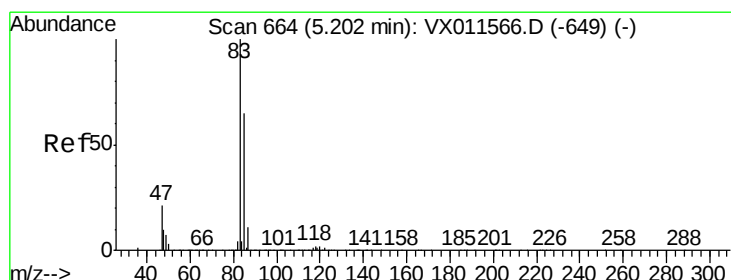
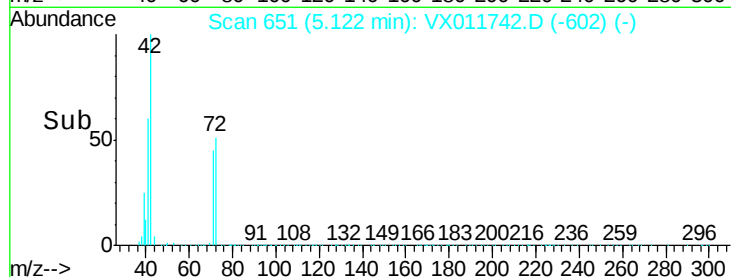
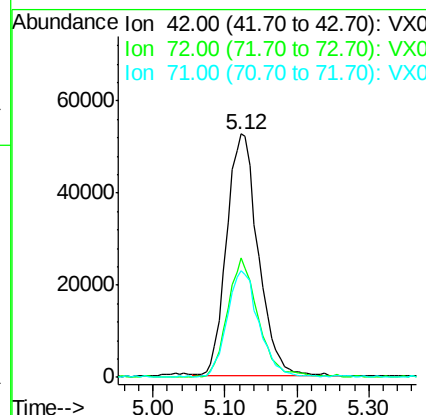
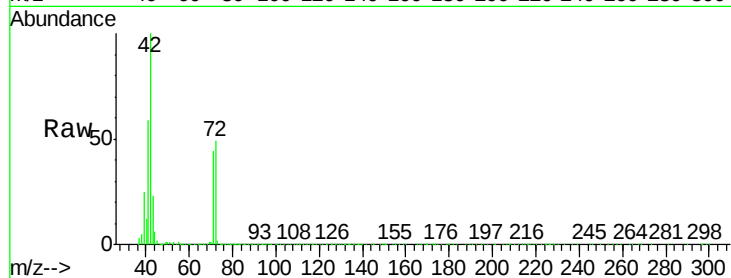
#29
Tetrahydrofuran
Concen: 92.840 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	36.1	54.1
71	43.8	33.8	50.8

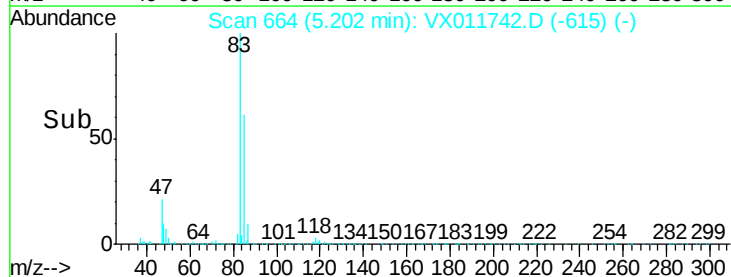
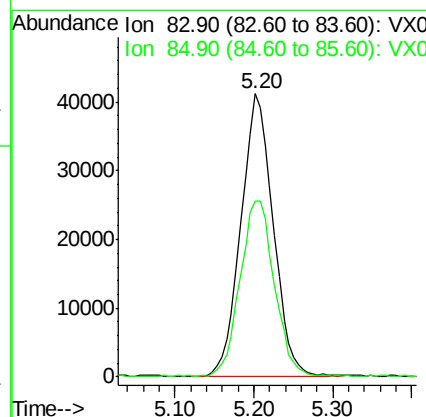
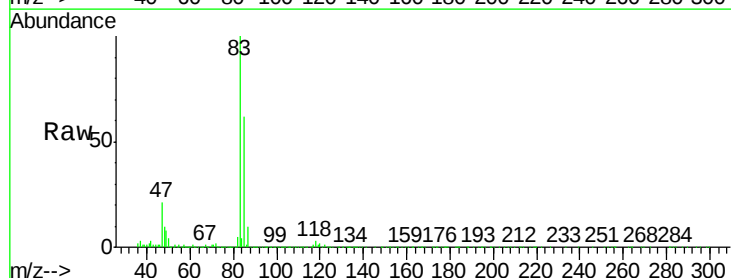
Manual Integrations
APPROVED

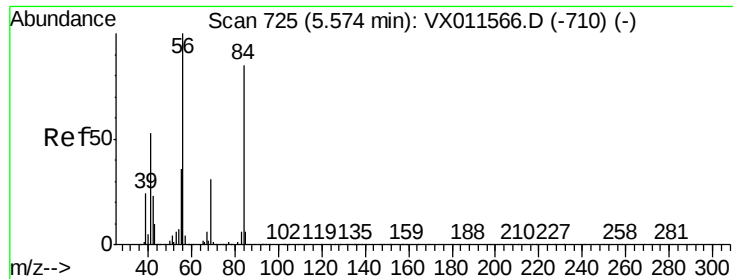
MMDadoda
8/22/2019 10:01:45 AM



#30
Chloroform
Concen: 19.343 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.9	77.9





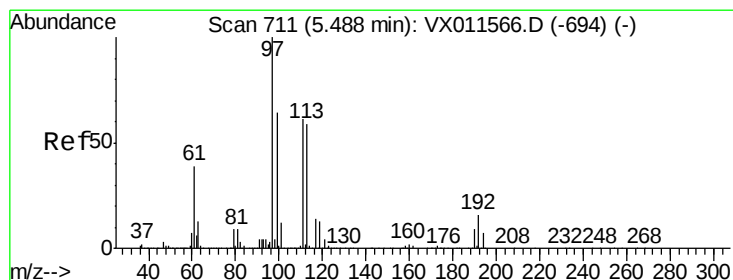
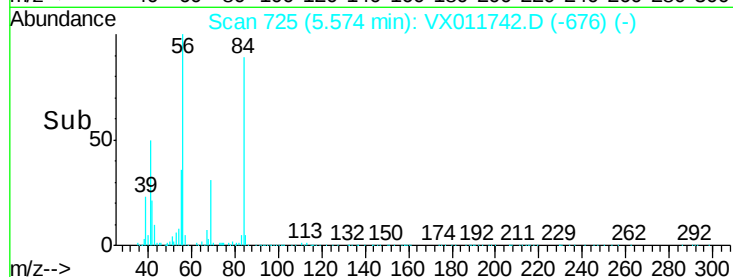
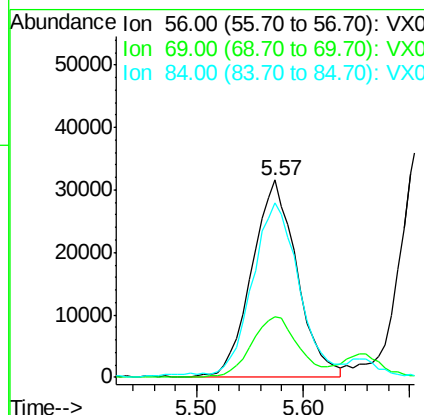
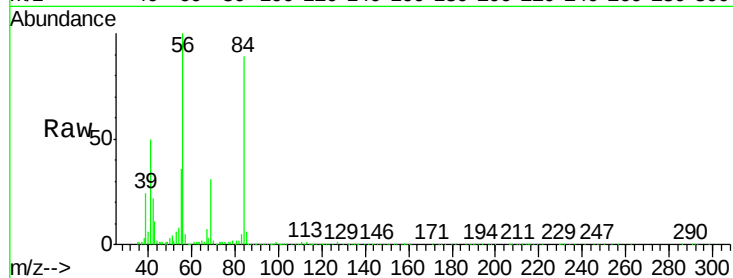
#31
Cyclohexane
Concen: 18.816 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleID :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.8	37.2
84	86.3	67.9	101.9

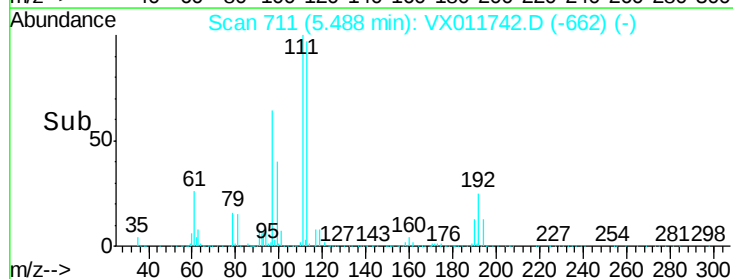
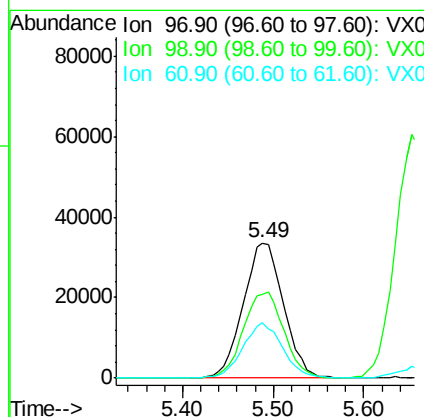
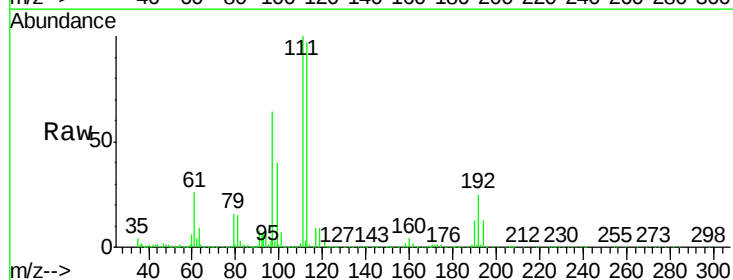
Manual Integrations
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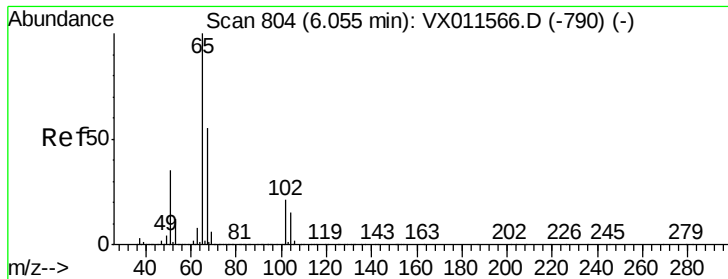
MMDadoda
8/22/2019 10:01:45 AM



#32
1,1,1-Trichloroethane
Concen: 19.901 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	40.2	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 47.816 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 65 Resp: 159135

Ion Ratio Lower Upper

65 100

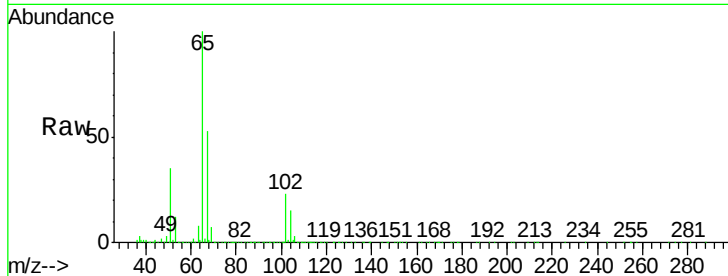
67 52.5 0.0 107.6

Manual Integrations

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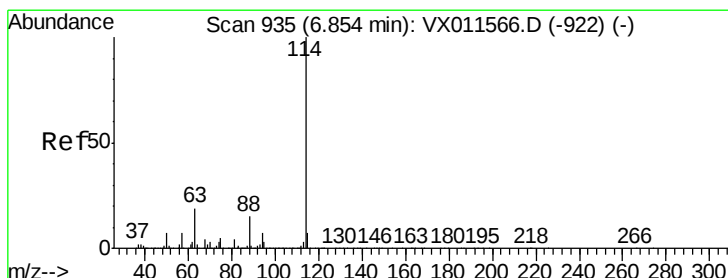
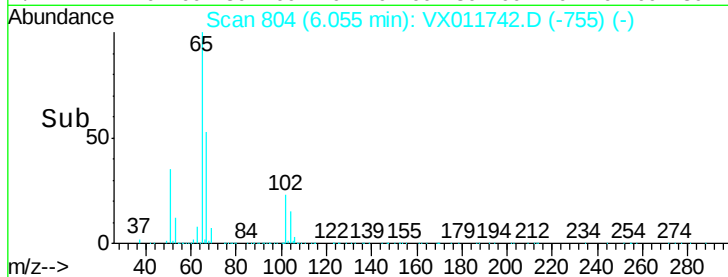
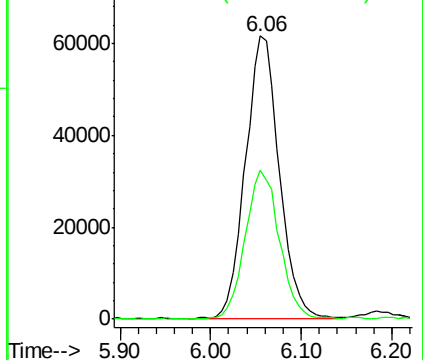
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

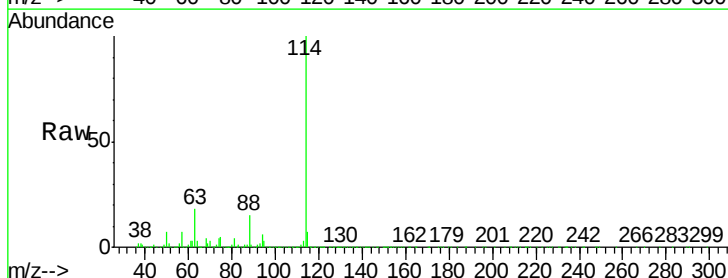
Tgt Ion: 114 Resp: 477758

Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.8

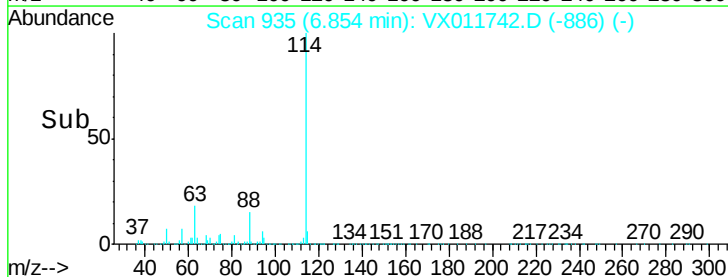
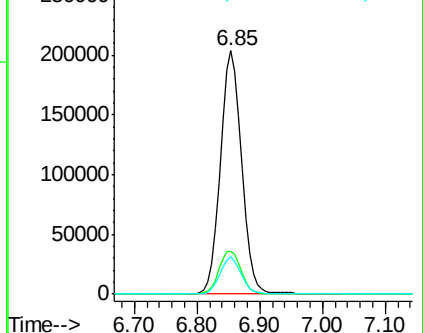
88 15.1 0.0 30.2

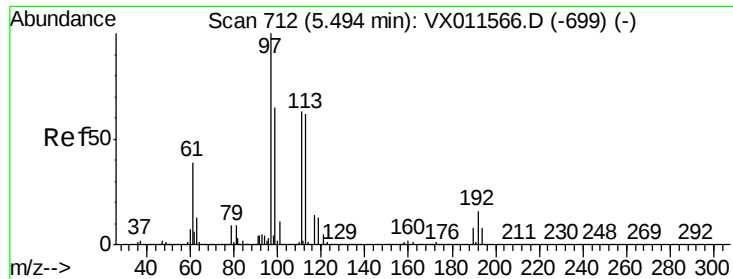


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





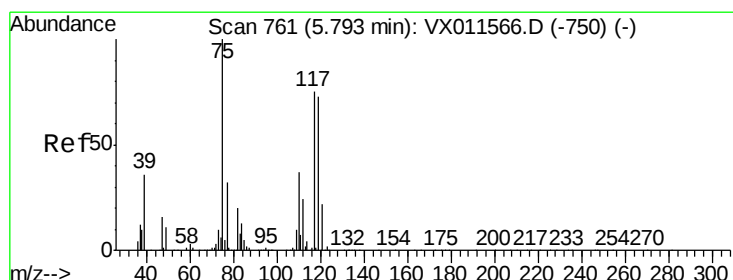
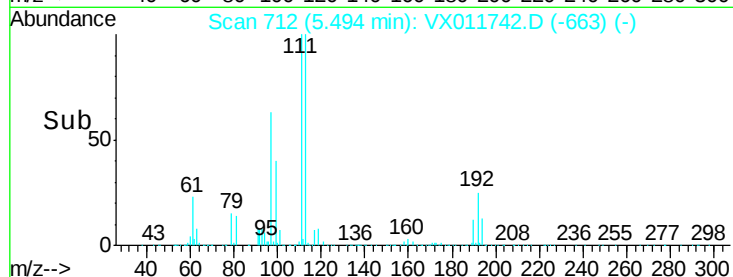
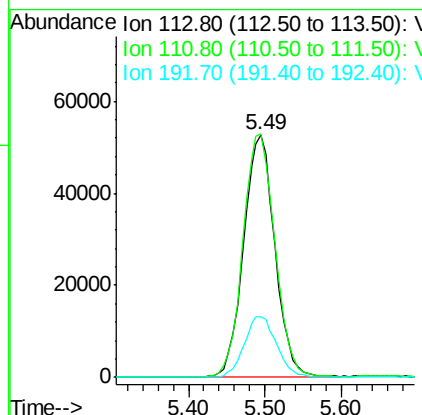
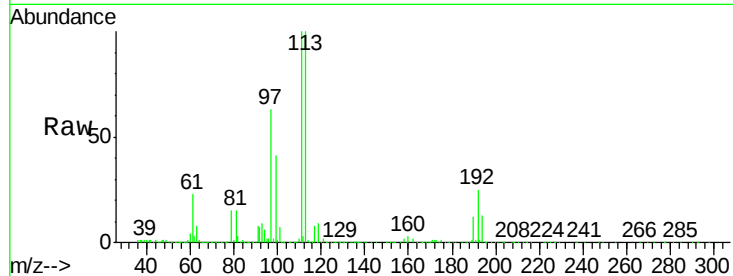
#35
 Dibromofluoromethane
 Concen: 47.875 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149601		
111	103.2	81.1	121.7	
192	25.7	20.8	31.2	

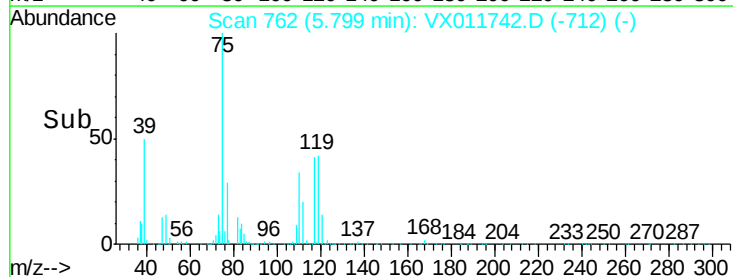
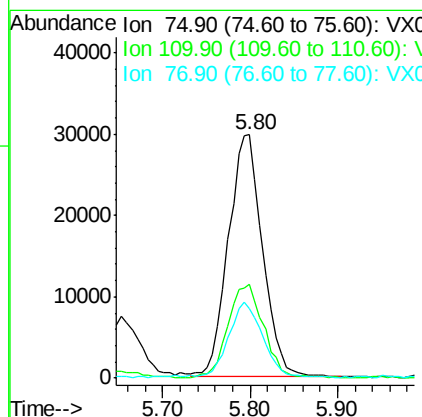
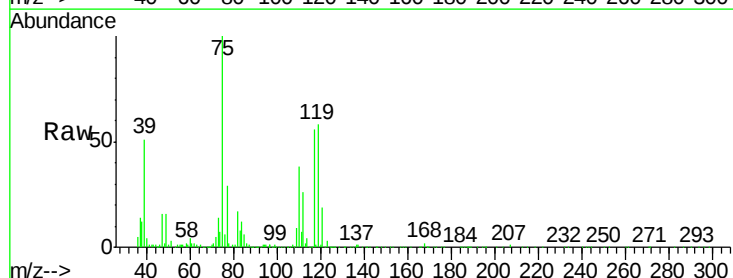
Manual Integrations
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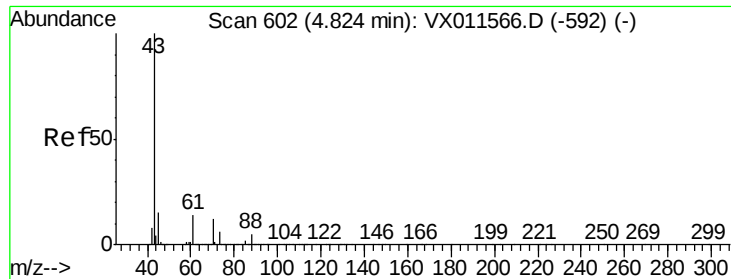
MMDadoda
 8/22/2019 10:01:45 AM



#36
 1,1-Dichloropropene
 Concen: 19.796 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80862		
110	41.1	19.4	58.1	
77	31.9	25.1	37.7	





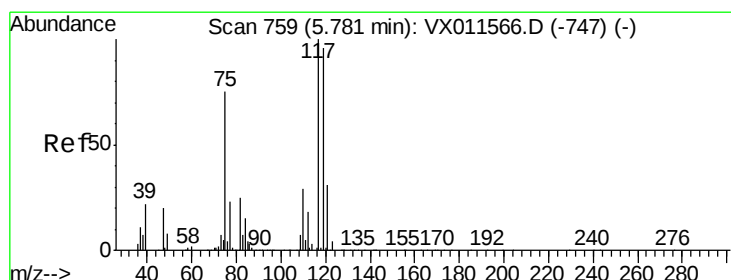
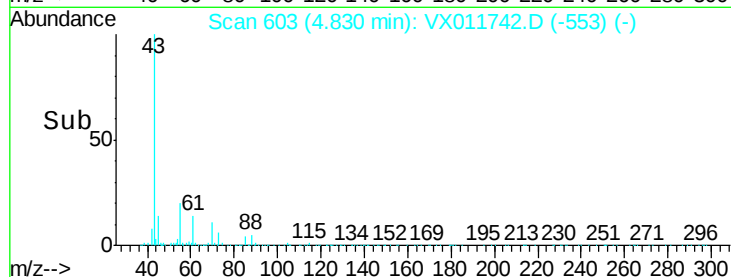
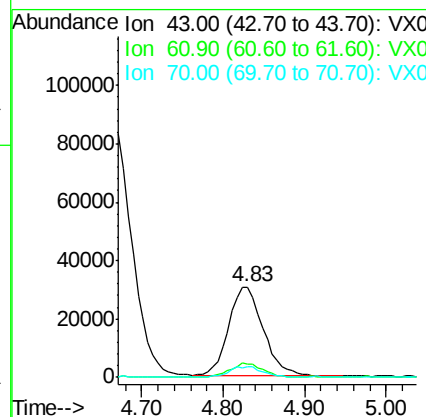
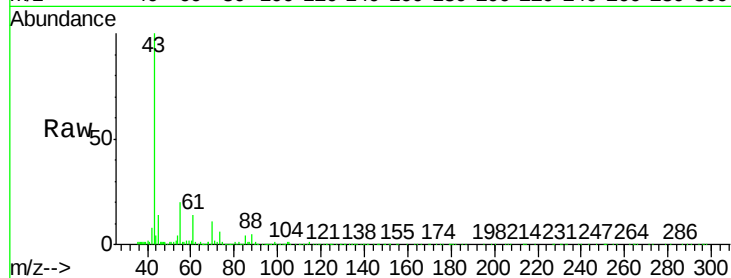
#37
Ethyl Acetate
Concen: 19.232 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	43	Resp	90358
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.4	17.0
70	11.3	9.0	13.6

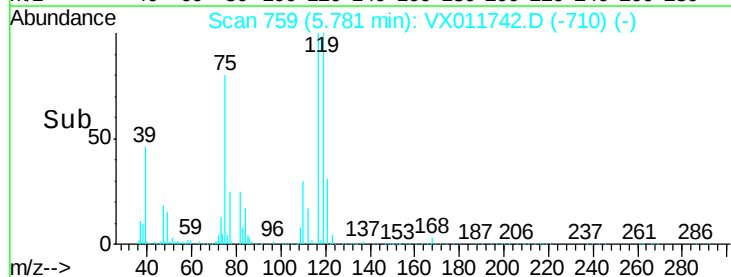
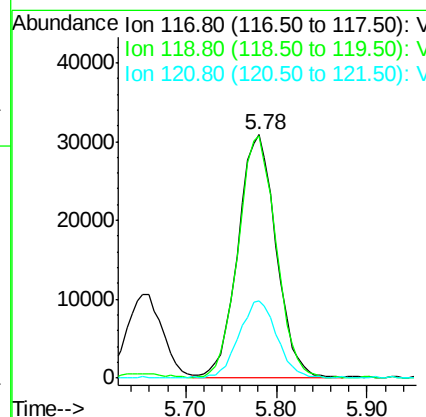
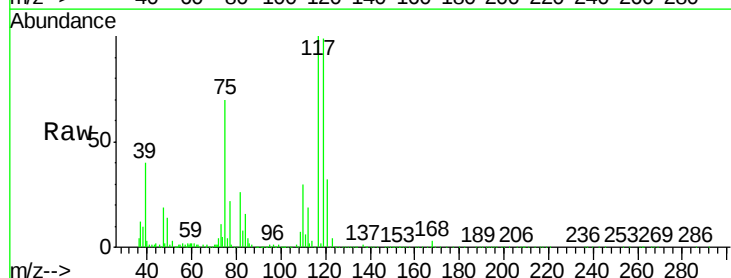
Manual Integrations
APPROVED

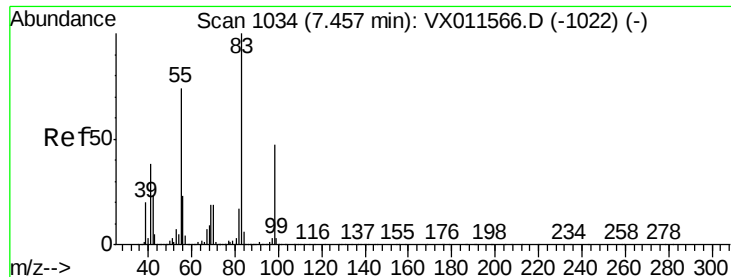
MMDadoda
8/22/2019 10:01:45 AM



#38
Carbon Tetrachloride
Concen: 19.942 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	117	Resp	89747
Ion Ratio	Lower	Upper	
117	100		
119	99.6	76.9	115.3
121	31.2	24.8	37.2





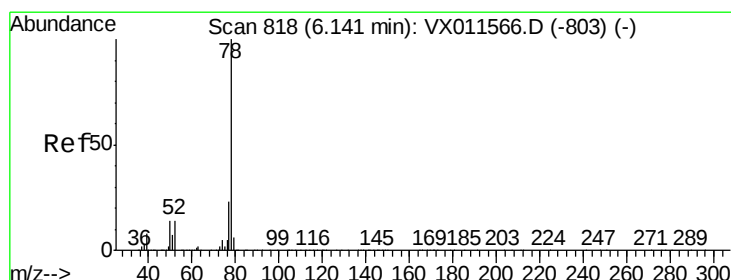
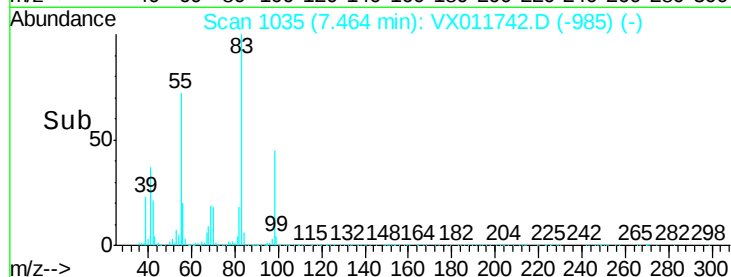
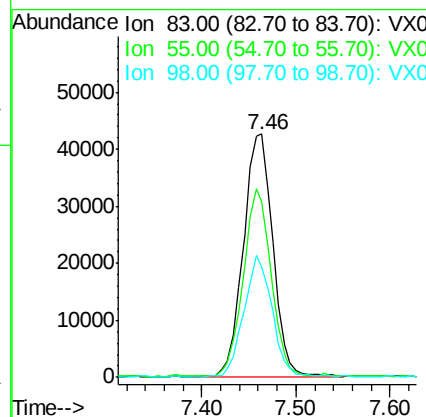
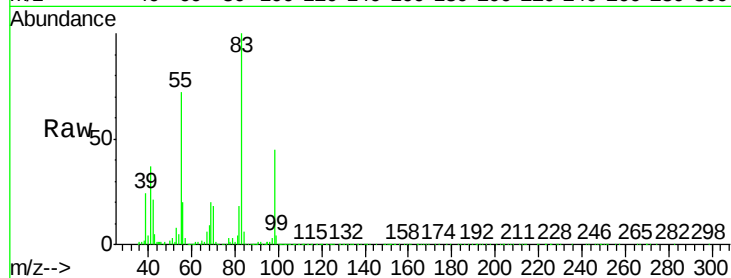
#39
Methvlcvclohexane
Concen: 18.434 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.8	88.2
98	44.9	37.8	56.6

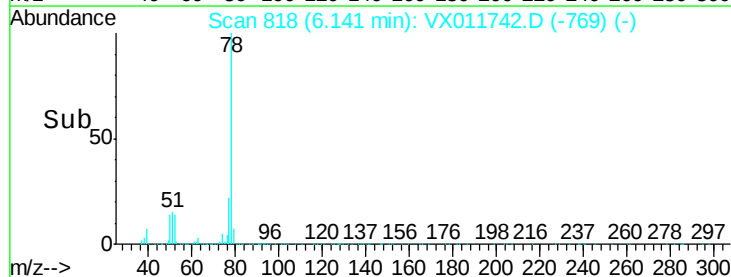
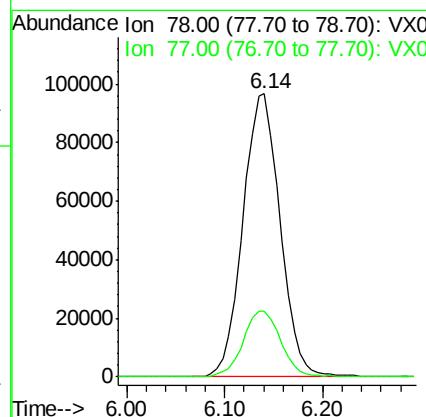
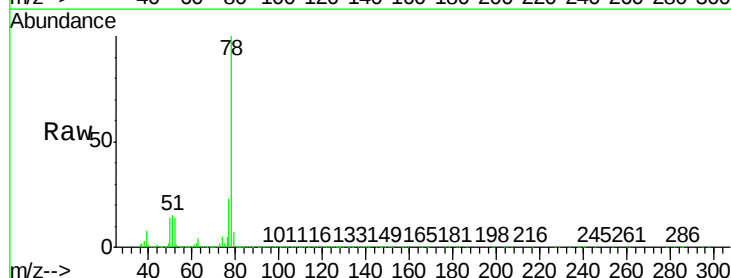
Manual Integrations
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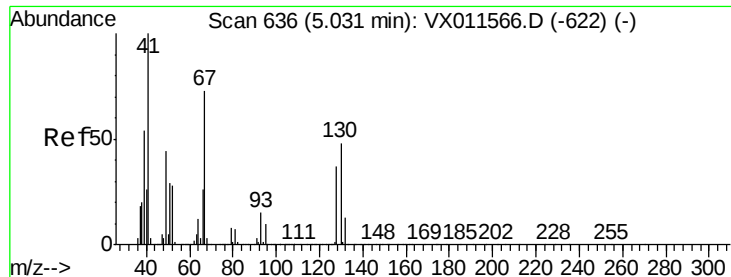
MMDadoda
8/22/2019 10:01:45 AM



#40
Benzene
Concen: 19.961 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





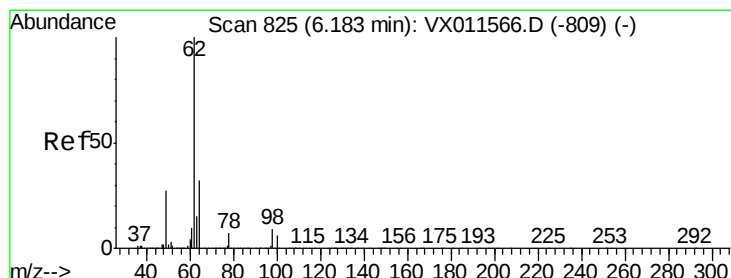
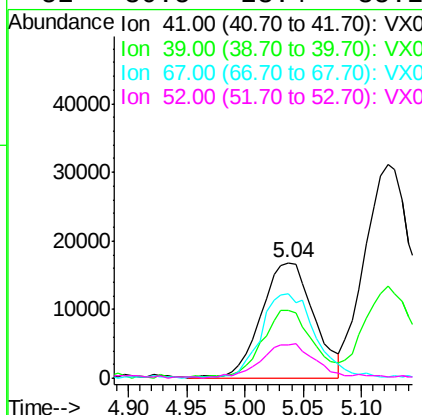
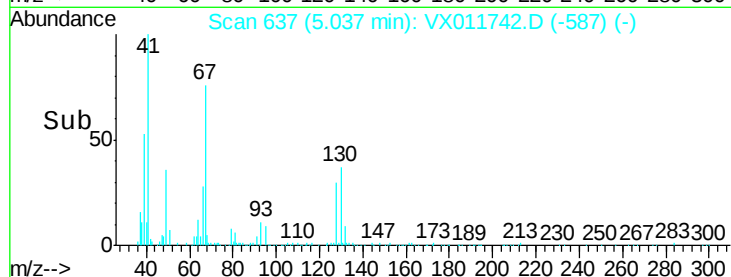
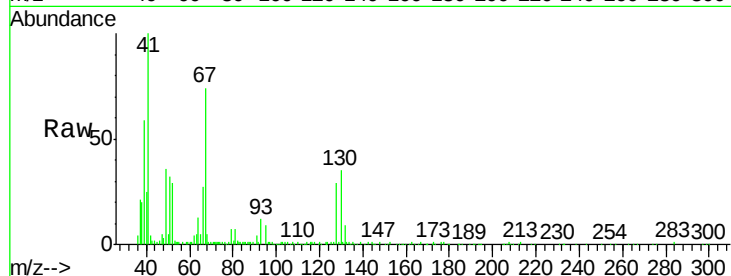
#41
Methacrylonitrile
Concen: 20.347 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	43.5	65.3	
67	73.4	59.4	89.2	
52	30.5	23.4	35.2	

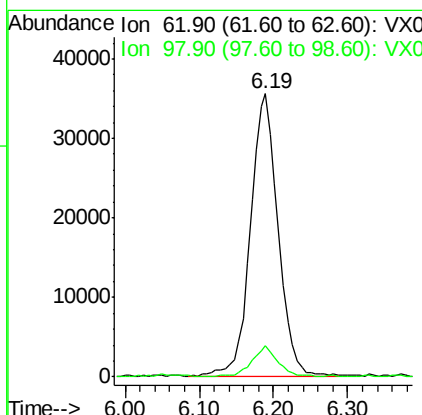
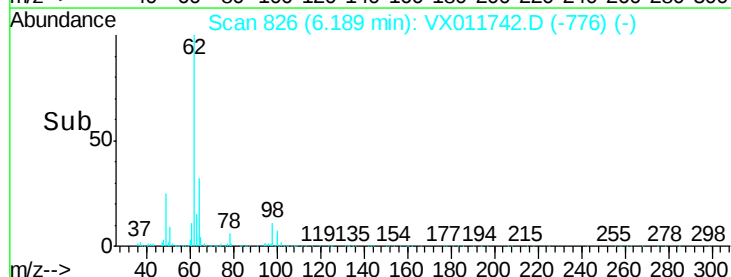
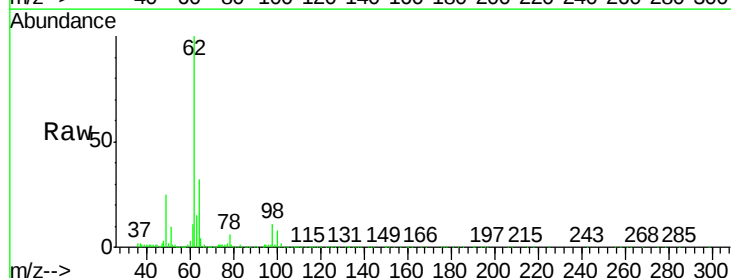
Manual Integrations
APPROVED

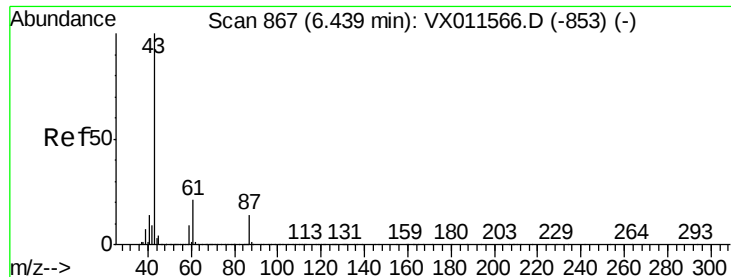
MMDadoda
8/22/2019 10:01:45 AM



#42
1,2-Dichloroethane
Concen: 21.177 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	19.4	





#43

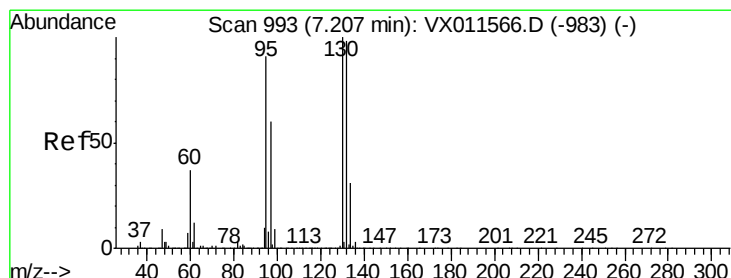
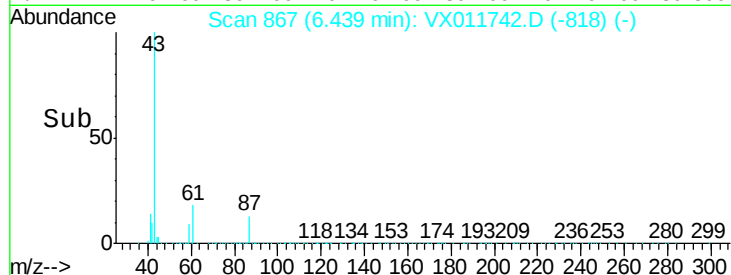
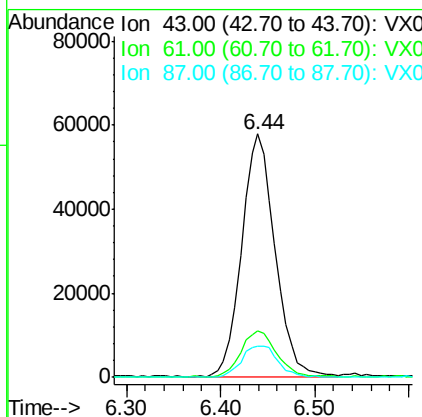
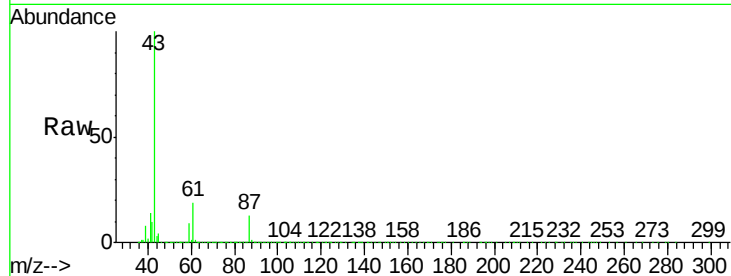
Isopropyl Acetate
 Concen: 19.703 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion:	43	Resp:	144467
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	14.4	11.4	17.2

Manual Integrations
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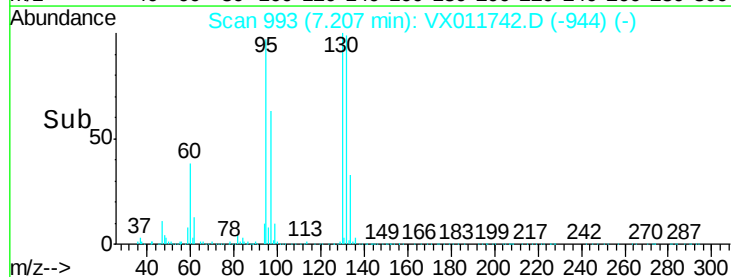
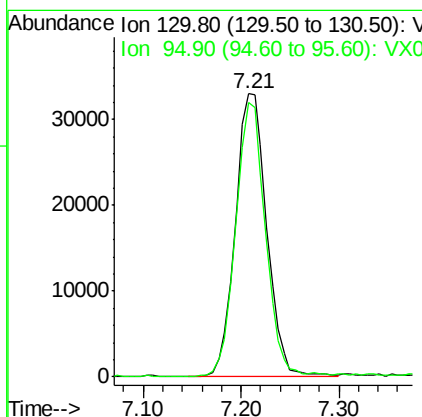
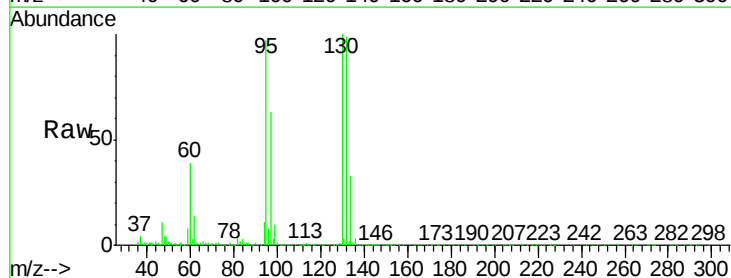
MMDadoda
 8/22/2019 10:01:45 AM

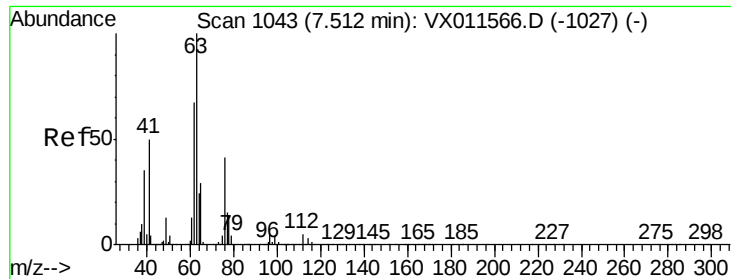


#44

Trichloroethene
 Concen: 19.416 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion:	130	Resp:	73114
Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	181.4





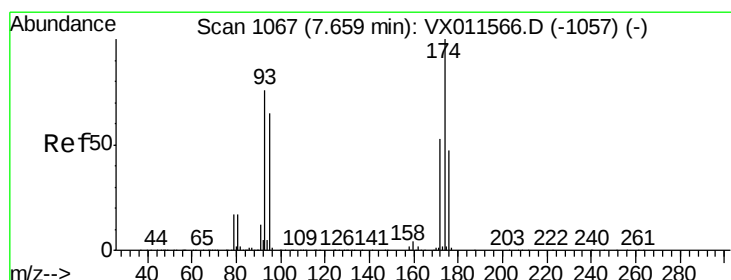
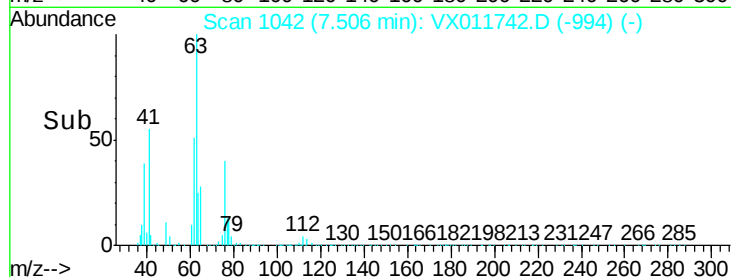
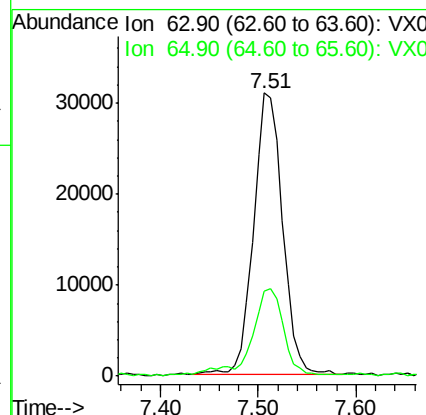
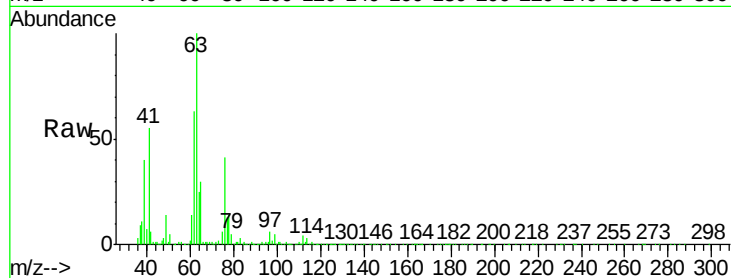
#45
 1,2-Dichloropropane
 Concen: 20.090 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.4	35.2

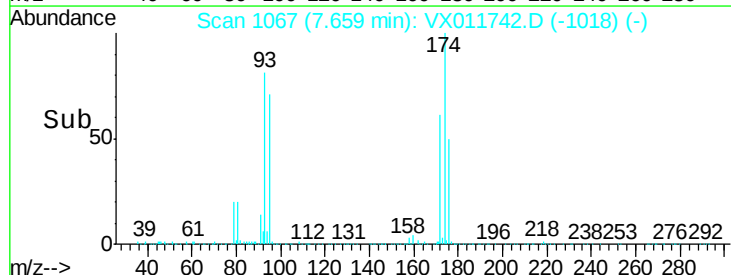
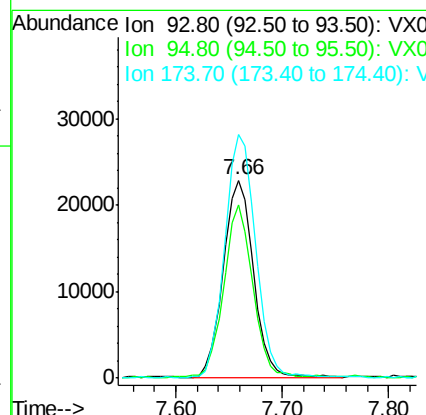
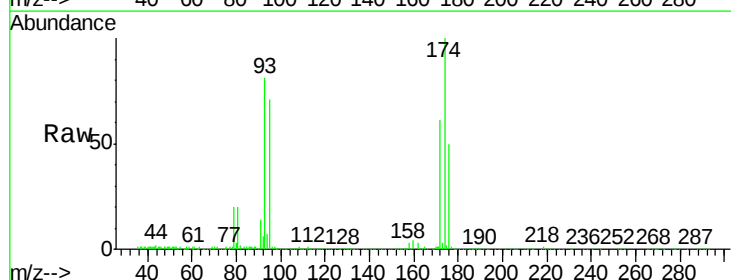
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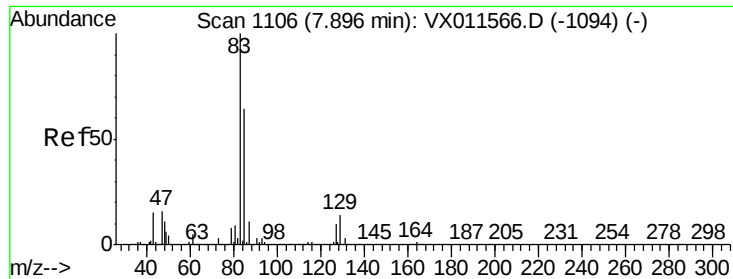
MMDadoda
 8/22/2019 10:01:45 AM



#46
 Dibromomethane
 Concen: 19.624 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.2	100.8
174	127.3	105.5	158.3





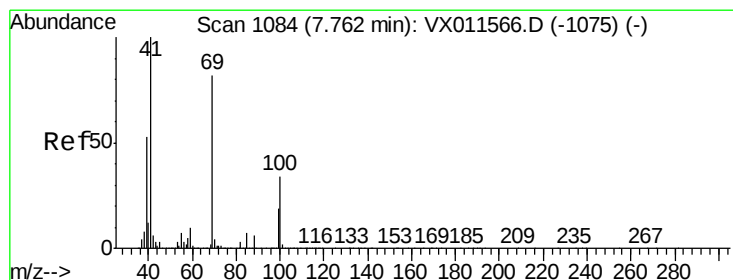
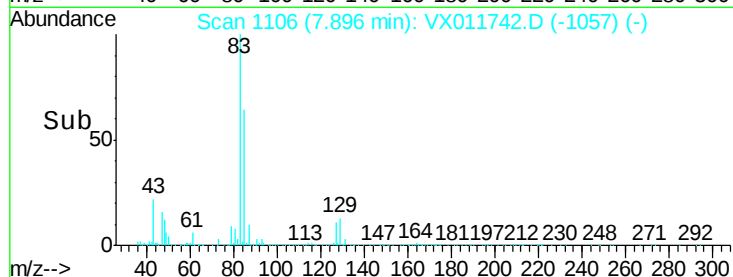
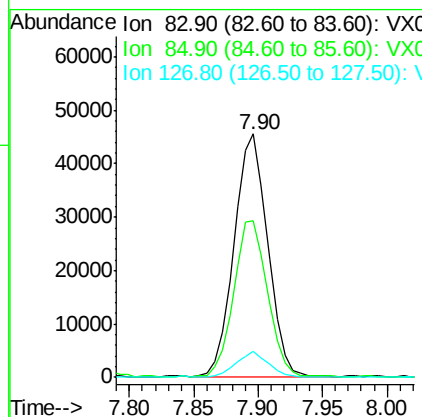
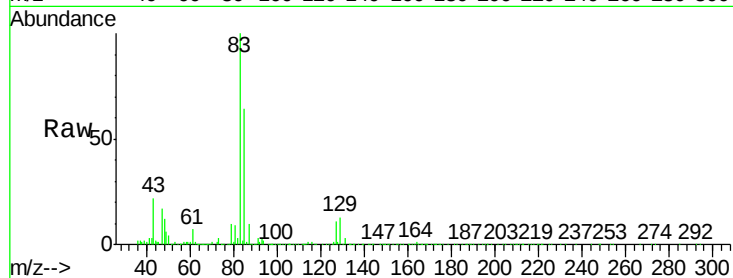
#47
Bromodichloromethane
Concen: 19.651 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion:	83	Resp:	83007
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8
127	10.4	8.1	12.1

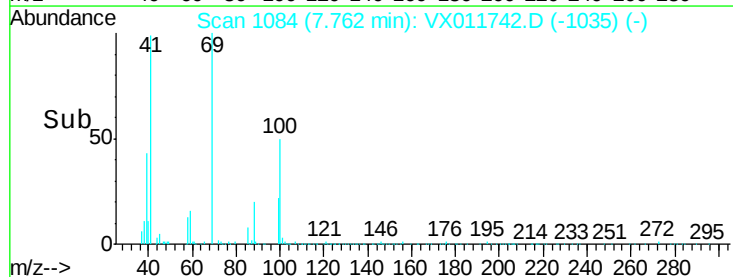
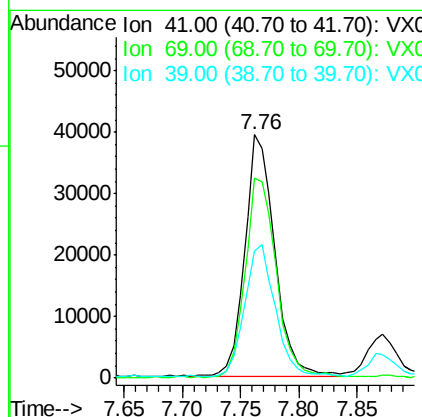
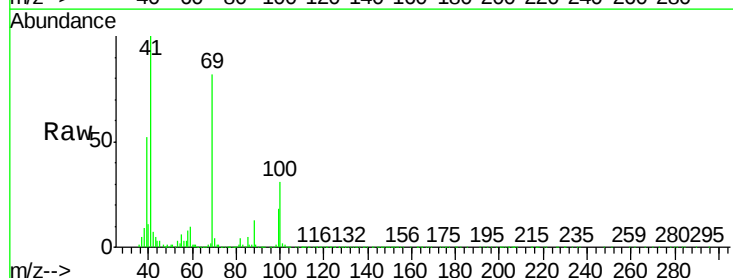
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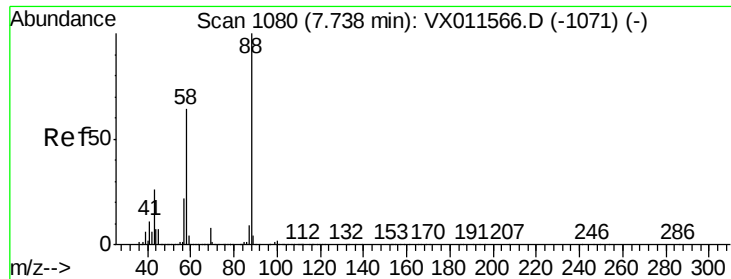
MMDadoda
8/22/2019 10:01:45 AM



#48
Methyl methacrylate
Concen: 19.485 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion:	41	Resp:	70751
Ion	Ratio	Lower	Upper
41	100		
69	87.0	67.9	101.9
39	55.8	41.6	62.4





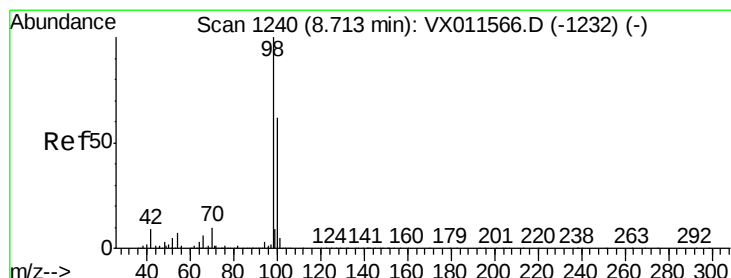
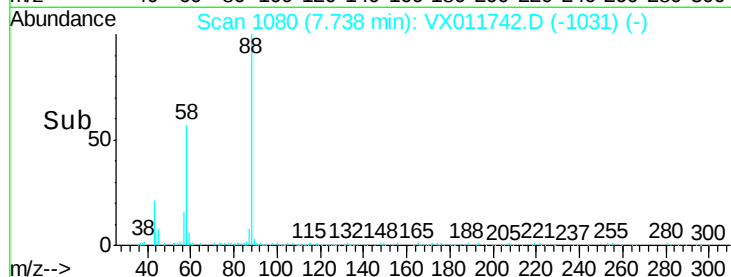
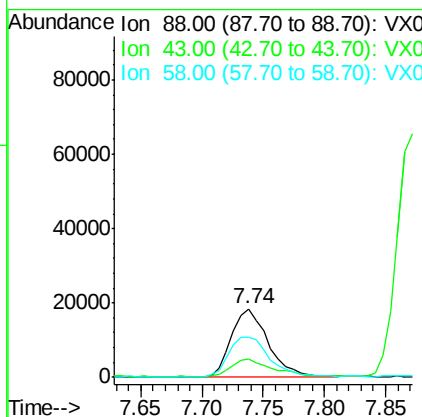
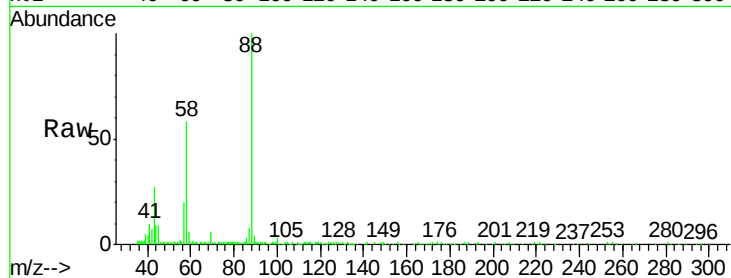
#49
1,4-Dioxane
Concen: 395.066 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.4	35.0
58	63.9	54.3	81.5

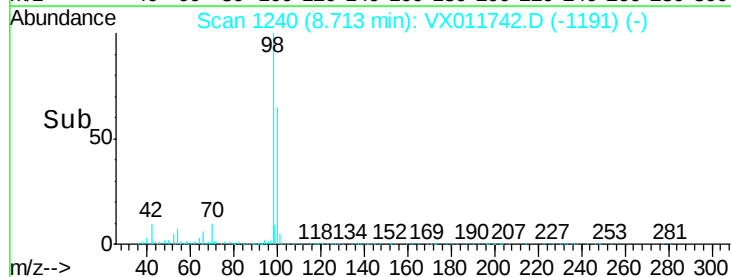
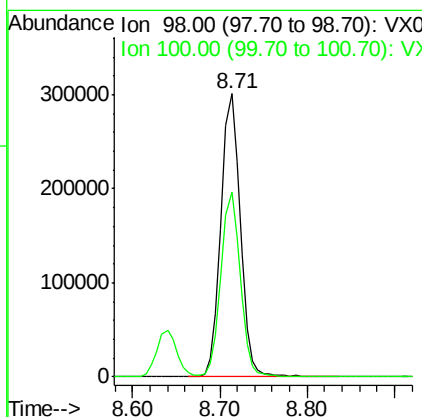
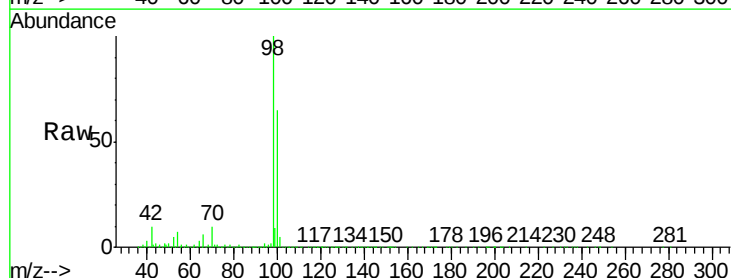
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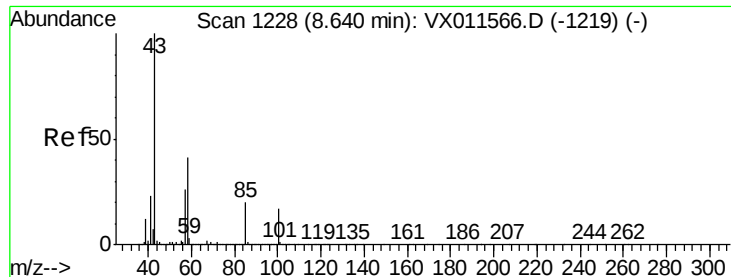
MMDadoda
8/22/2019 10:01:45 AM



#50
Toluene-d8
Concen: 47.592 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 101.722 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 43 Resp: 488185

Ion Ratio Lower Upper

43 100

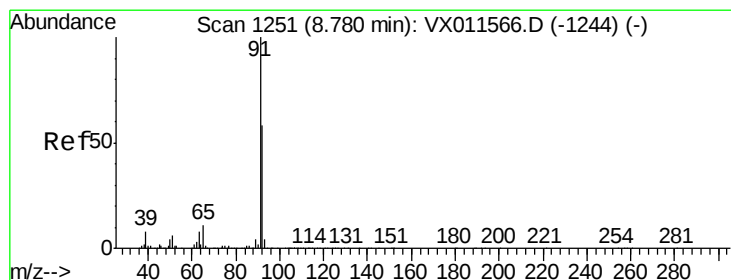
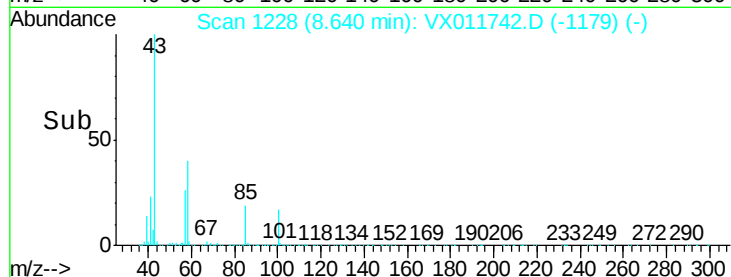
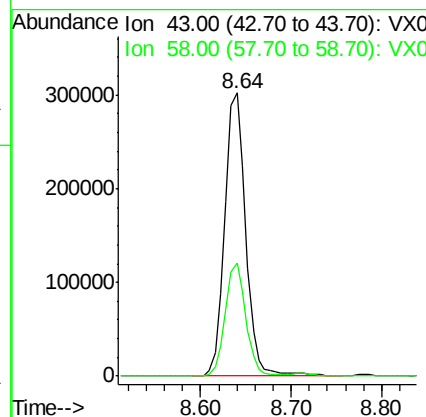
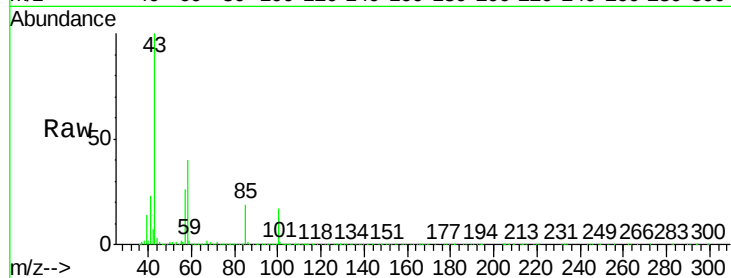
58 39.1 31.8 47.6

Manual Integrations

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MMDadoda

8/22/2019 10:01:45 AM



#52

Toluene

Concen: 20.092 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011742.D

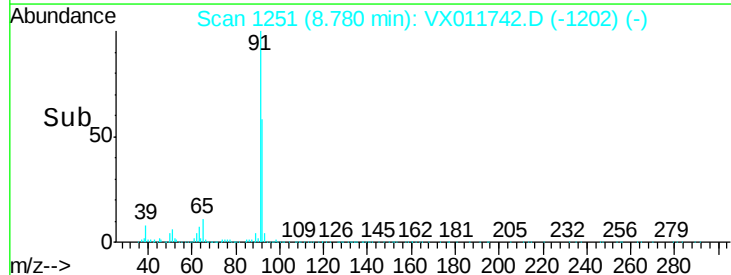
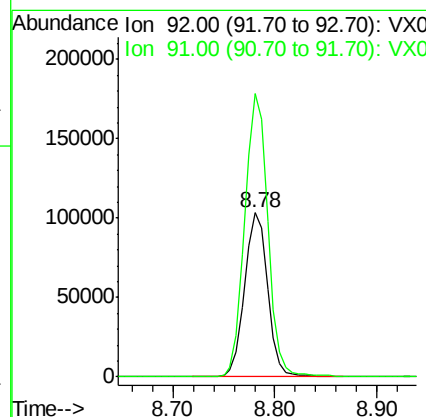
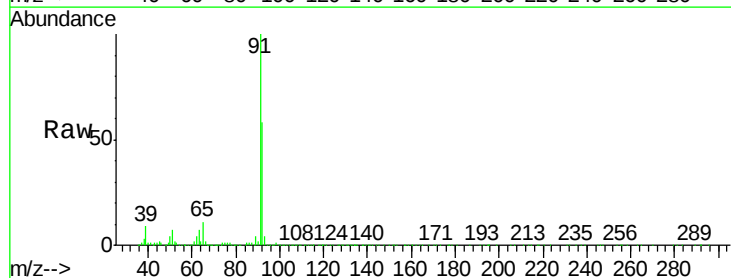
Acq: 21 Aug 2019 20:12

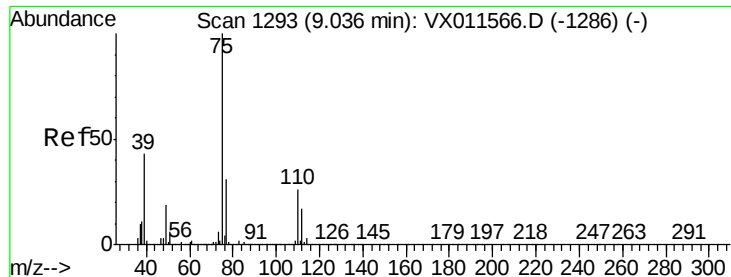
Tgt Ion: 92 Resp: 162484

Ion Ratio Lower Upper

92 100

91 171.6 138.0 207.0





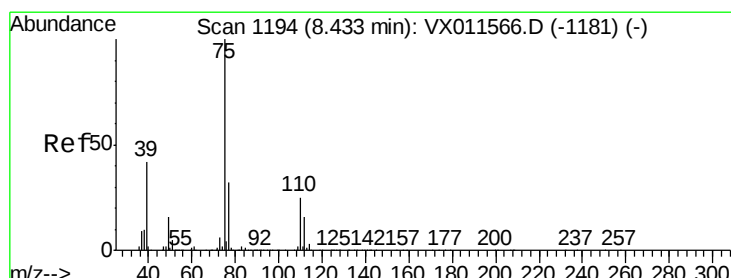
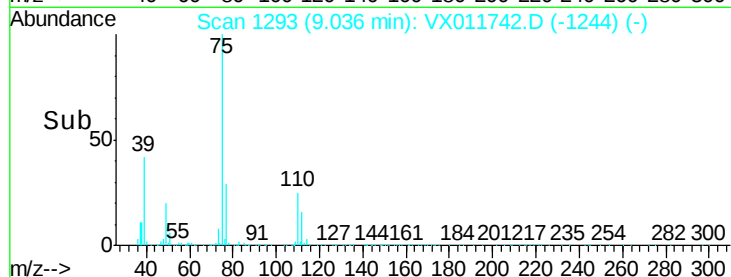
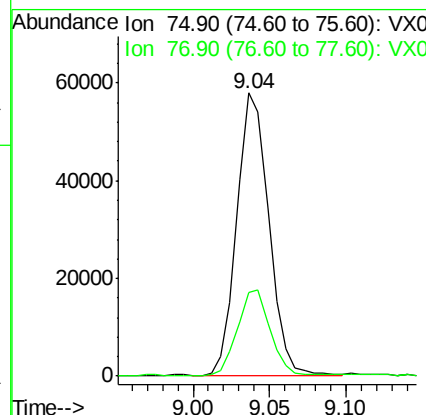
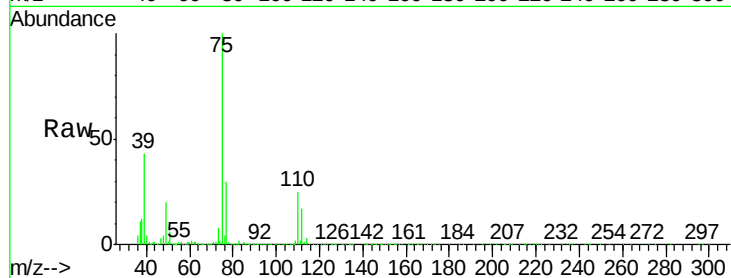
#53
t-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.1	37.7

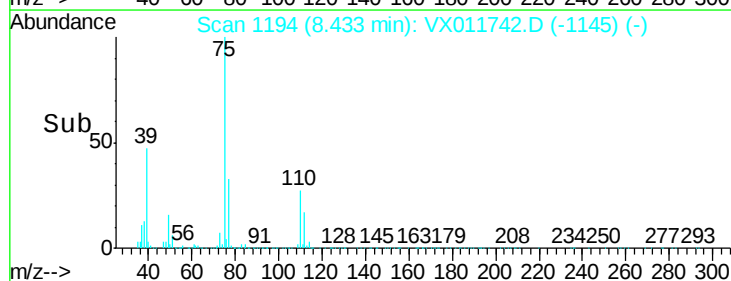
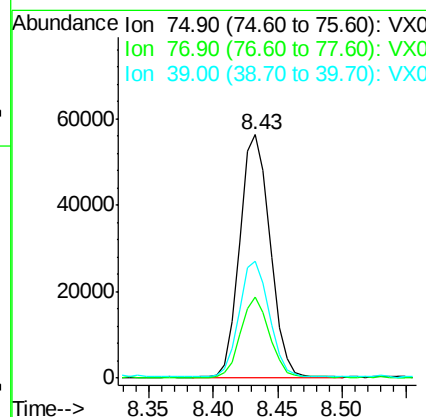
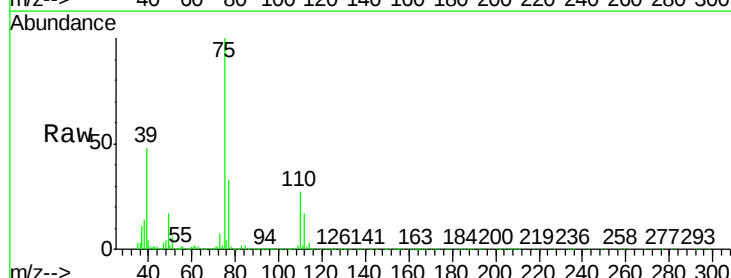
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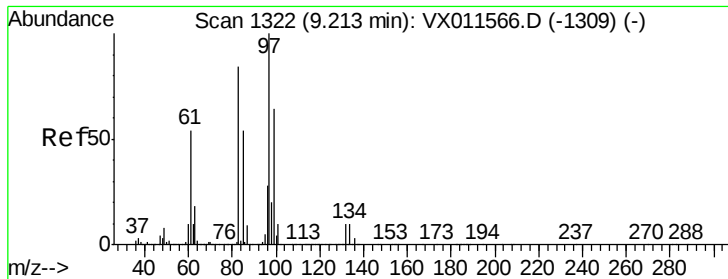
MMDadoda
8/22/2019 10:01:45 AM



#54
cis-1,3-Dichloropropene
Concen: 19.378 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.5	38.3
39	47.7	33.6	50.4





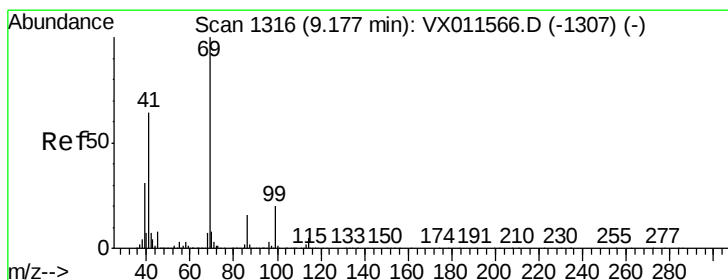
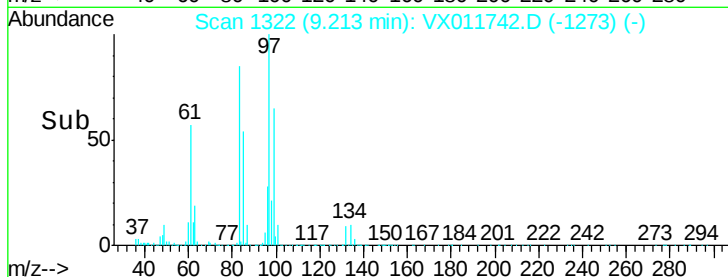
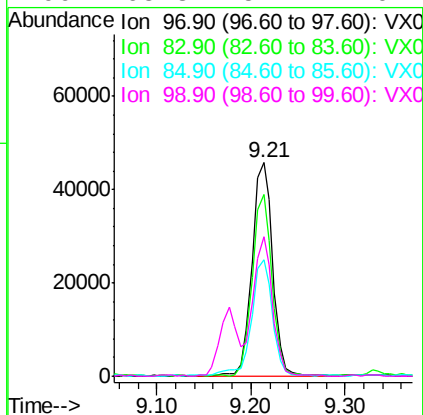
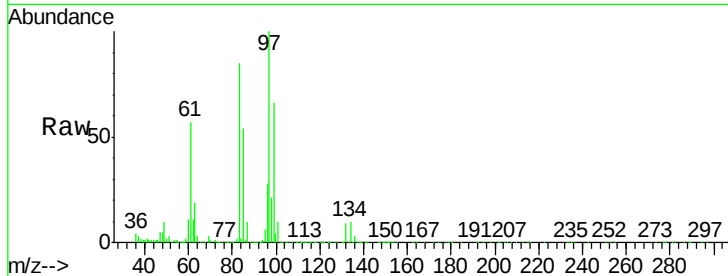
#55
 1,1,2-Trichloroethane
 Concen: 20.656 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		71037		
83	84.8	67.4	101.0		
85	53.8	43.4	65.2		
99	65.3	51.1	76.7		

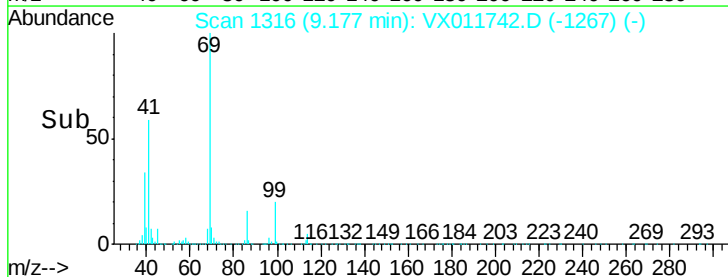
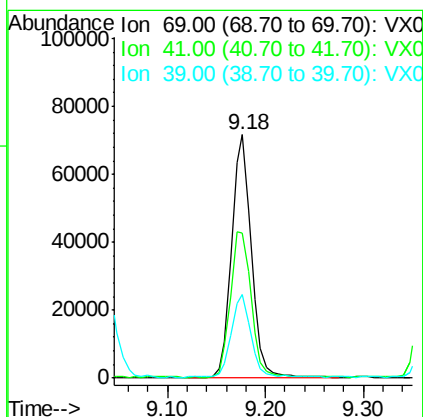
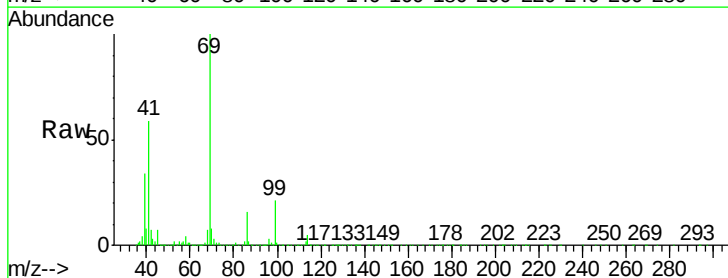
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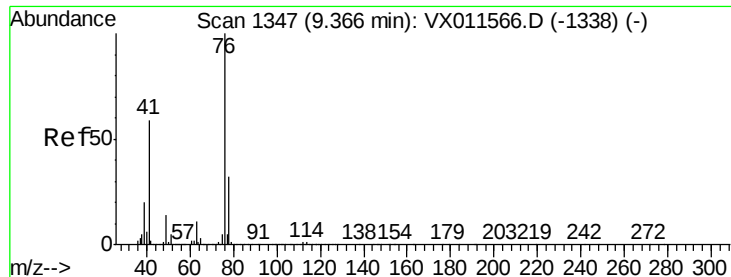
MMDadoda
 8/22/2019 10:01:45 AM



#56
 Ethyl methacrylate
 Concen: 20.021 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		100072		
41	63.7	52.1	78.1		
39	33.4	25.4	38.0		





#57

1,3-Dichloropropane

Concen: 20.659 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 76 Resp: 112934

Ion Ratio Lower Upper

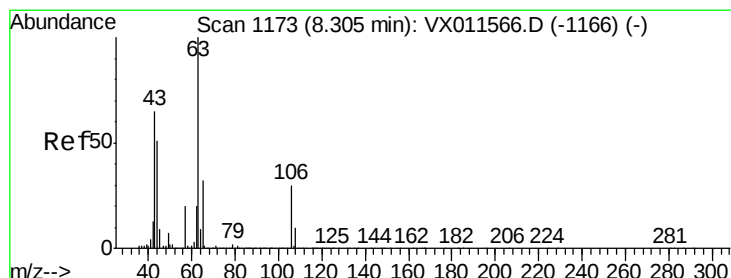
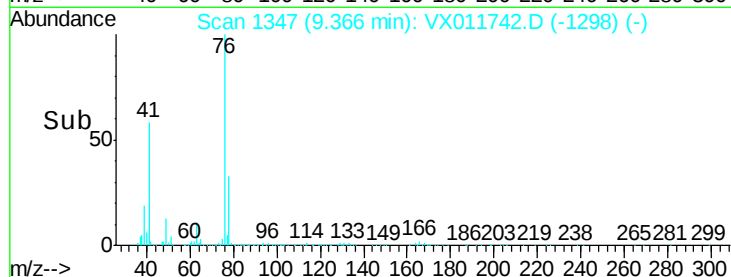
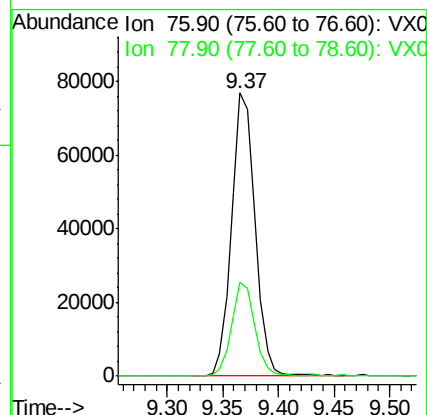
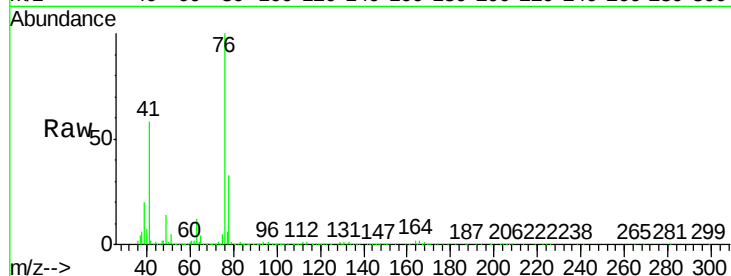
76 100

78 32.0 26.2 39.4

Manual Integrations
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MMDadoda

8/22/2019 10:01:45 AM



#58

2-Chloroethyl Vinyl ether

Concen: 102.916 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011742.D

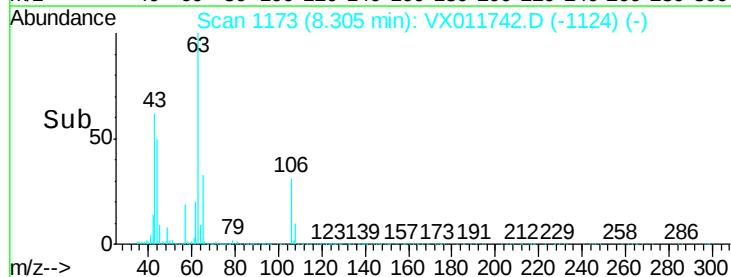
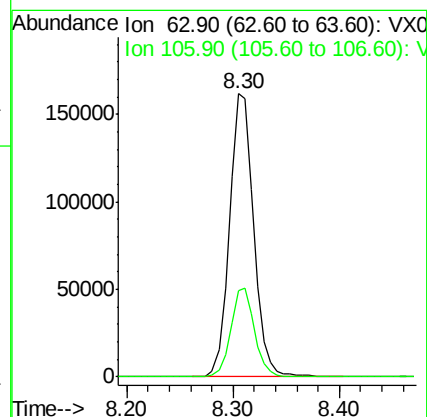
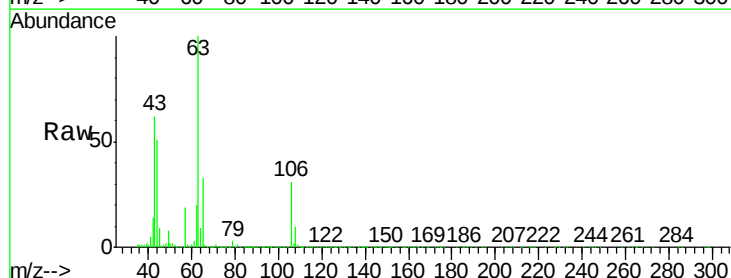
Acq: 21 Aug 2019 20:12

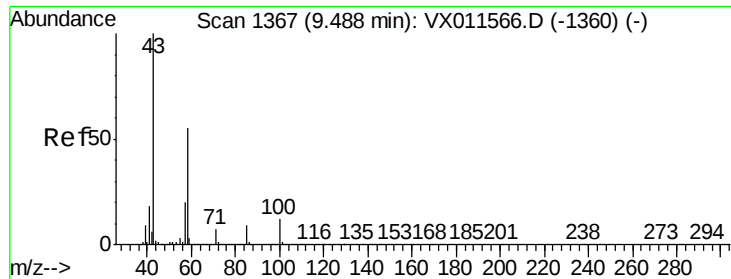
Tgt Ion: 63 Resp: 256314

Ion Ratio Lower Upper

63 100

106 31.1 24.7 37.1





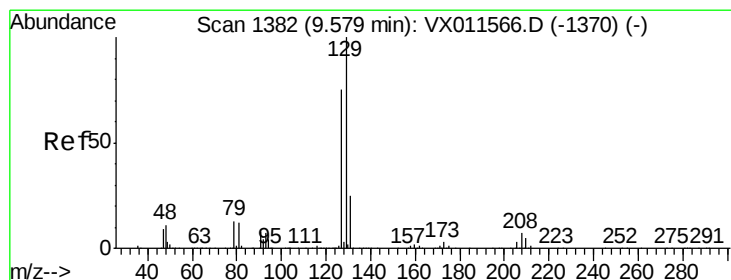
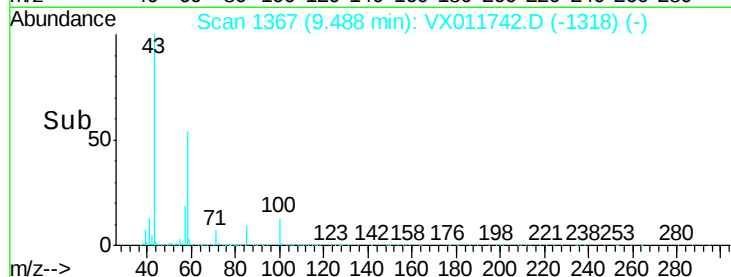
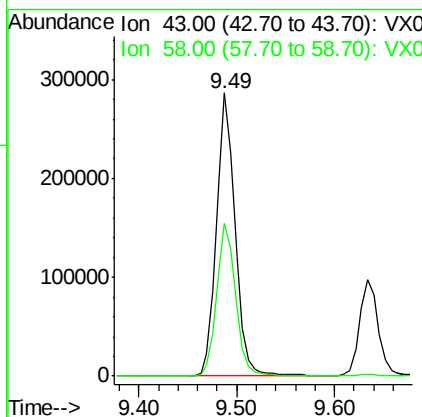
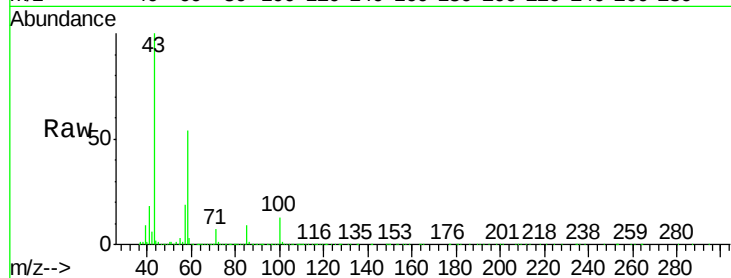
#59
2-Hexanone
Concen: 102.431 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion: 43 Resp: 379091
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4

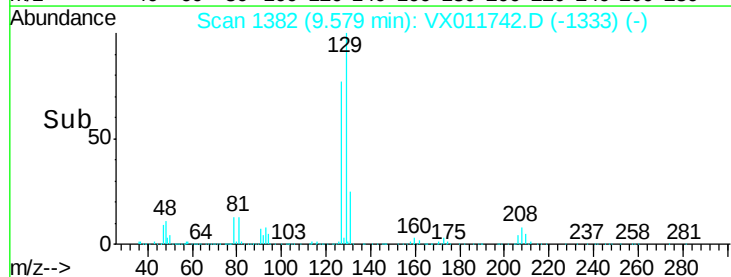
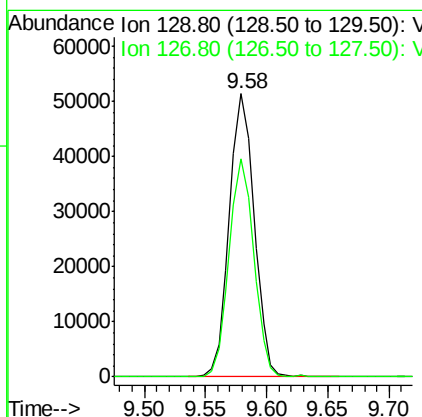
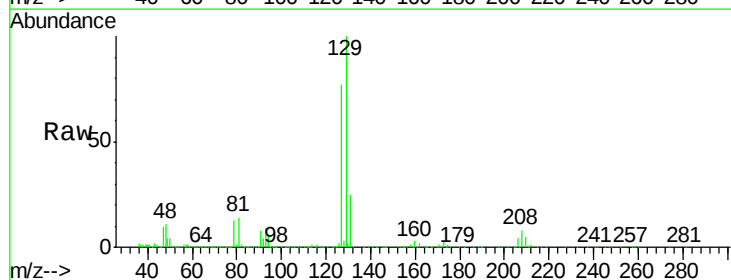
Manual Integrations
APPROVED

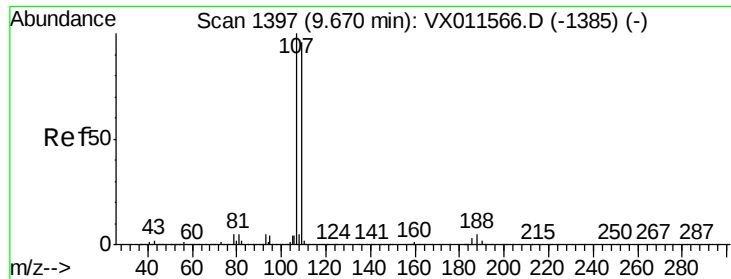
MMDadoda
8/22/2019 10:01:45 AM



#60
Dibromochloromethane
Concen: 20.375 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion: 129 Resp: 73005
Ion Ratio Lower Upper
129 100
127 76.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.922 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion:107 Resp: 76791

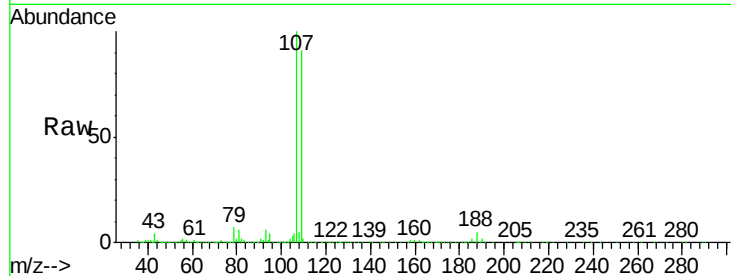
Ion Ratio Lower Upper

107 100

109 92.4 76.2 114.2

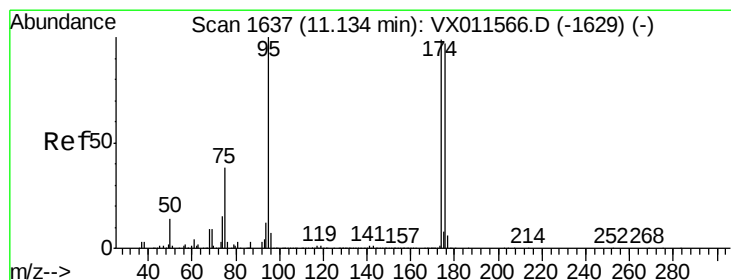
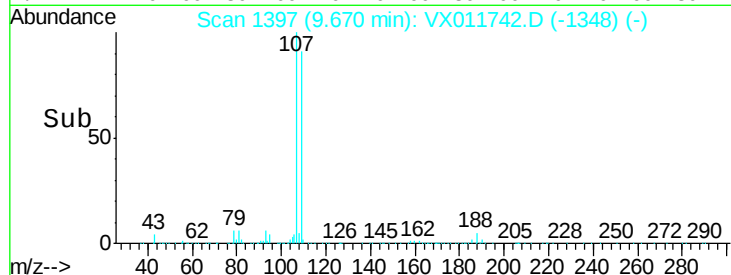
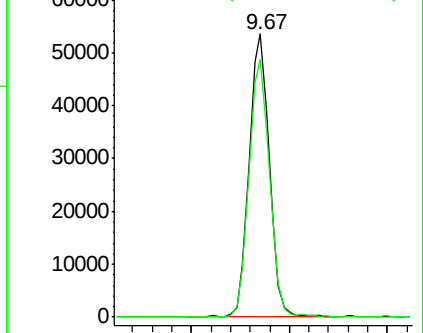
Manual Integrations
APPROVED

MMDadoda
8/22/2019 10:01:45 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

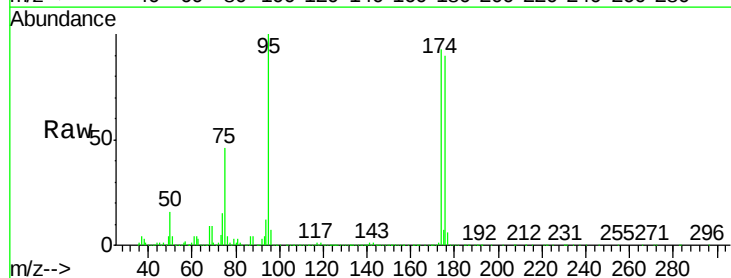
Tgt Ion: 95 Resp: 201071

Ion Ratio Lower Upper

95 100

174 96.5 0.0 200.6

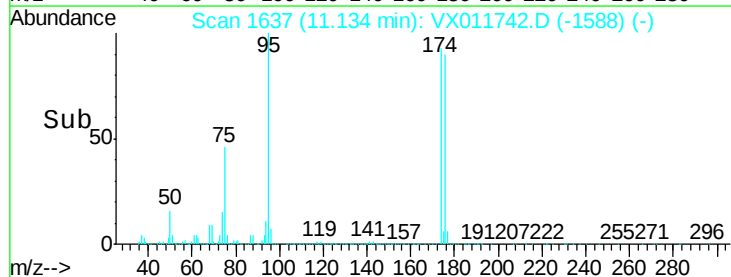
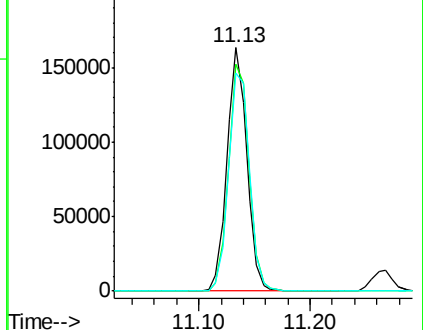
176 95.2 0.0 196.6

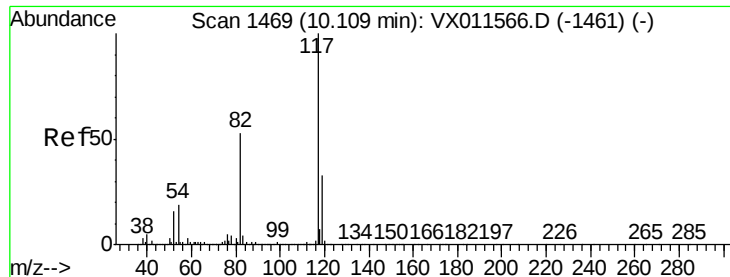


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





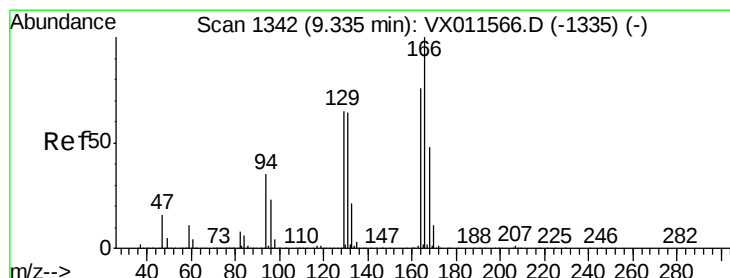
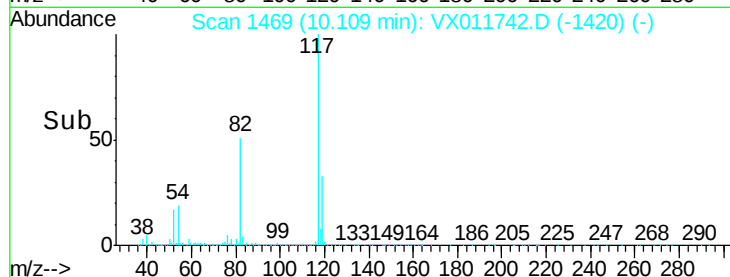
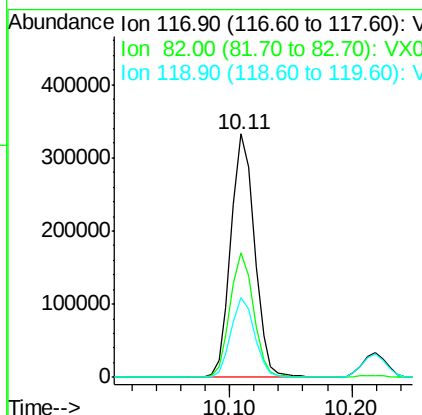
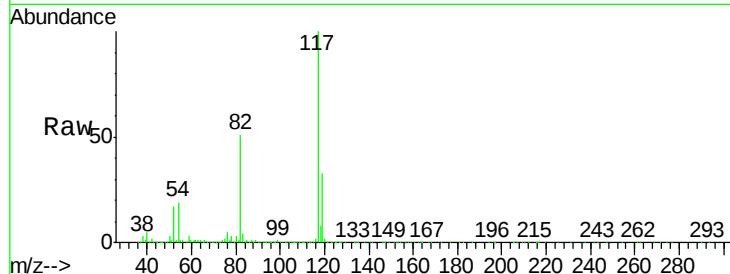
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.0	63.0
119	32.5	26.5	39.7

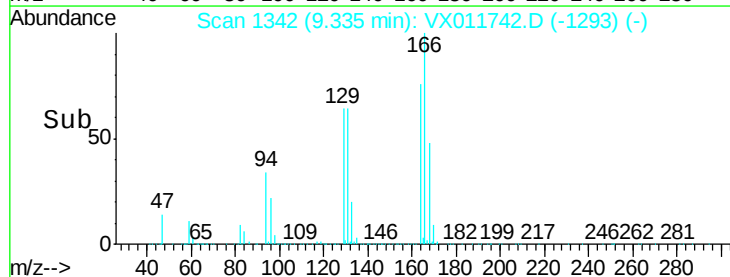
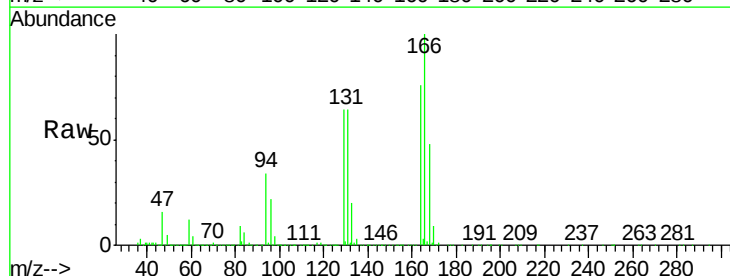
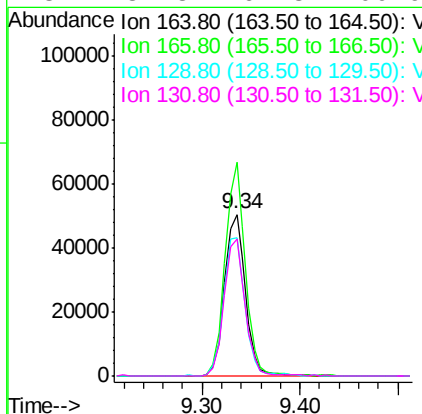
Manual Integrations
APPROVED

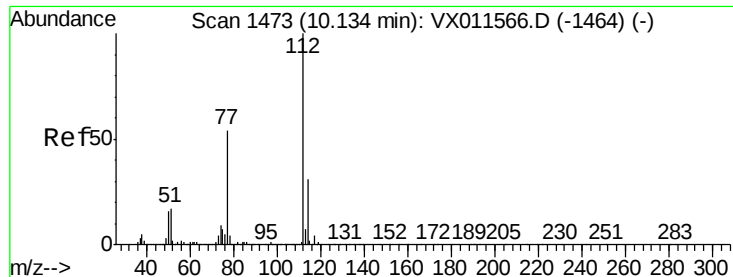
MMDadoda
8/22/2019 10:01:45 AM



#64
Tetrachloroethene
Concen: 20.626 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	104.7	157.1
129	84.8	68.2	102.4
131	84.8	67.3	100.9





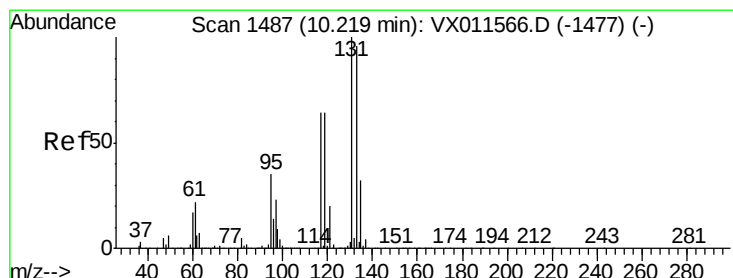
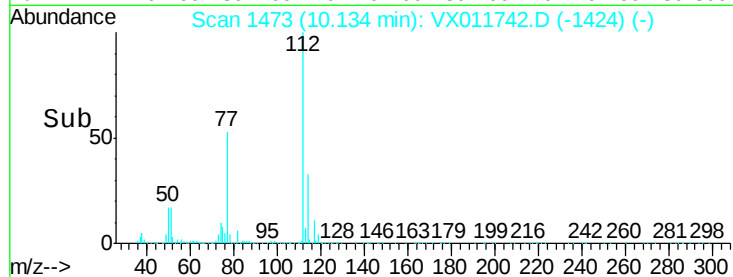
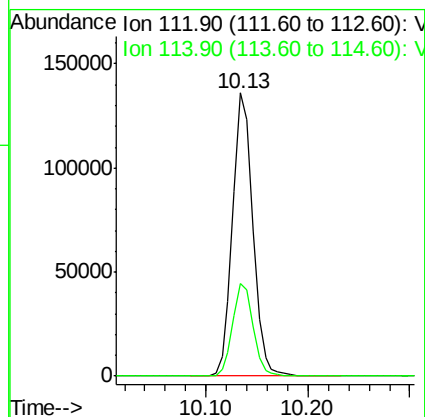
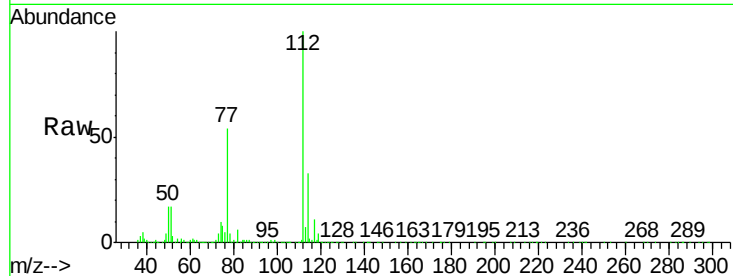
#65
Chlorobenzene
Concen: 19.621 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	25.0	37.6

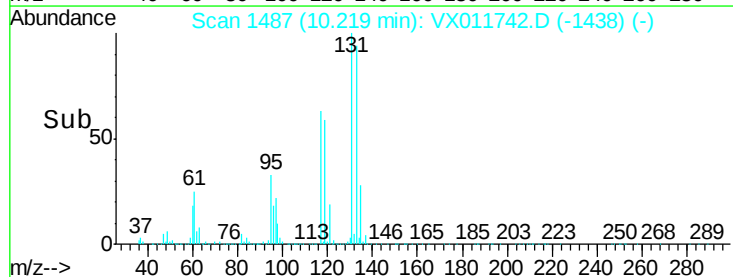
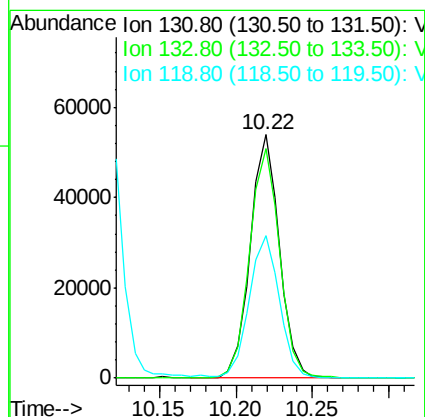
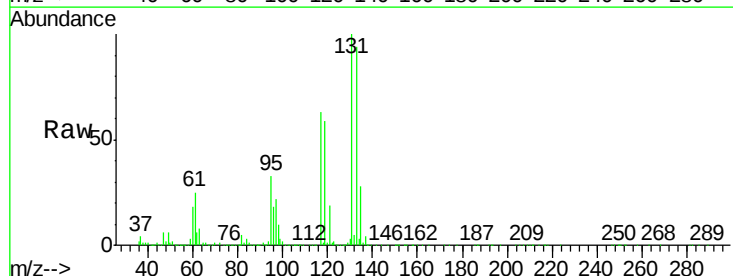
Manual Integrations
APPROVED

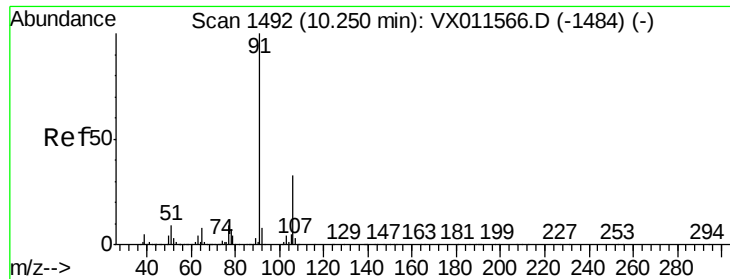
MMDadoda
8/22/2019 10:01:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	48.1	144.4
119	61.1	31.3	93.8





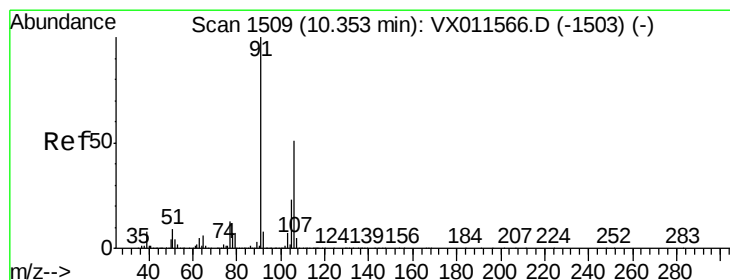
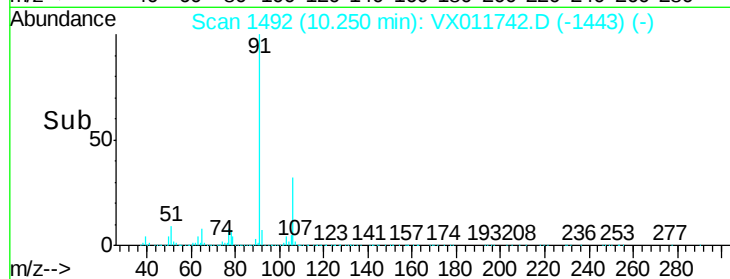
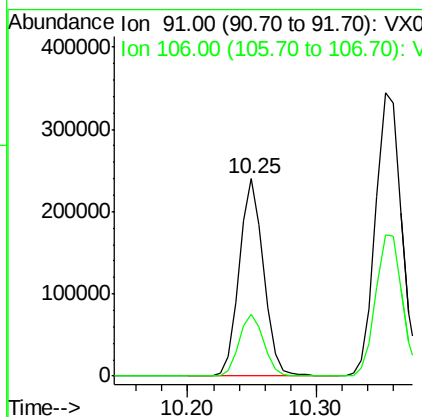
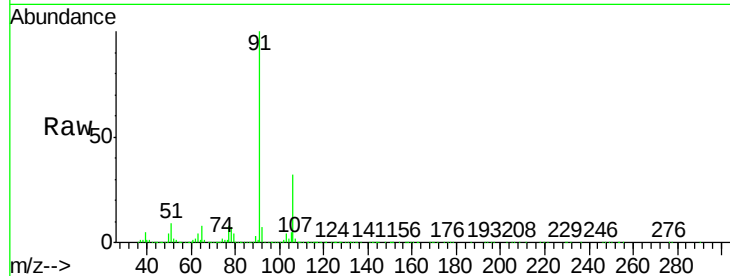
#67
Ethyl Benzene
Concen: 19.819 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	26.0	39.0

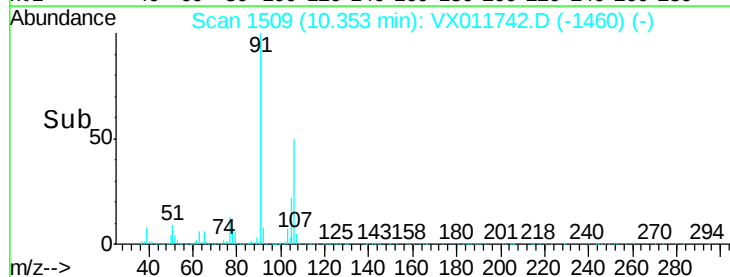
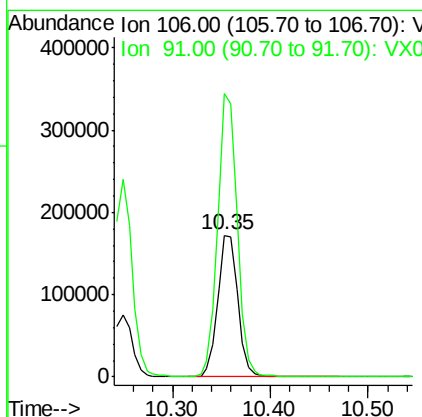
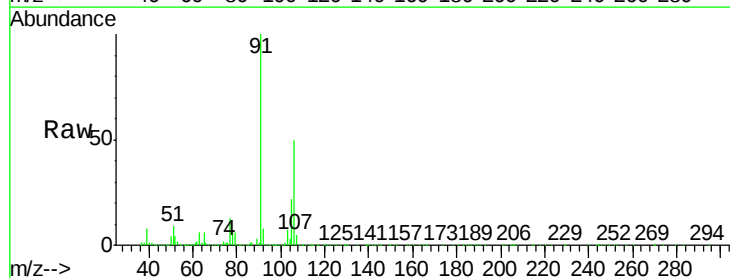
Manual Integrations
APPROVED

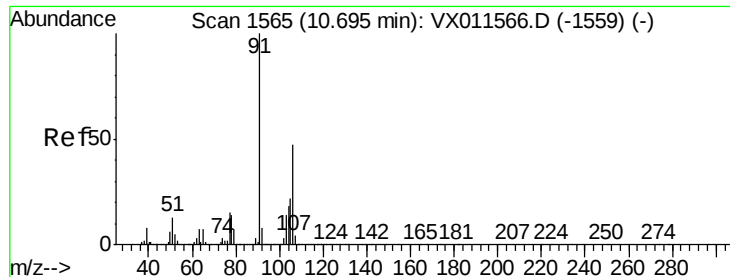
MMDadoda
8/22/2019 10:01:45 AM



#68
m/p-Xylenes
Concen: 39.954 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.4	156.0	234.0





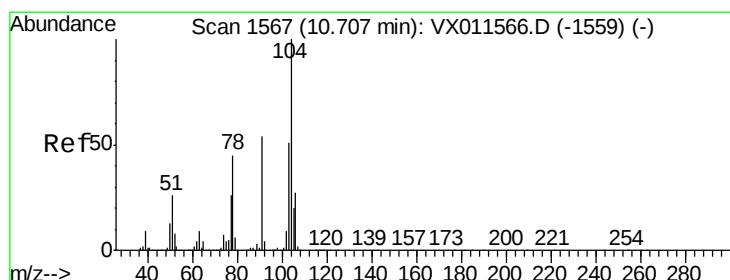
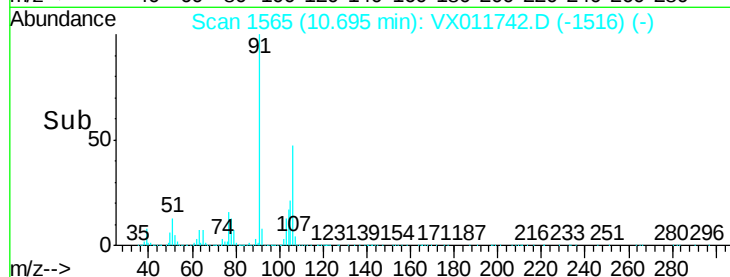
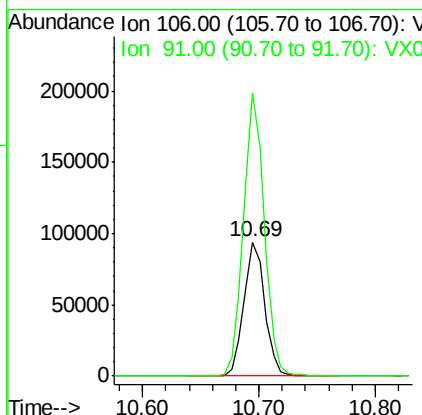
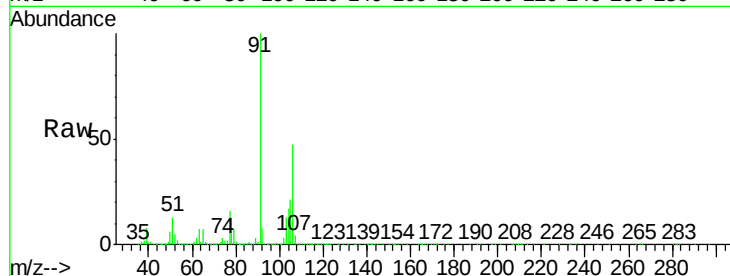
#69
o-Xylene
Concen: 20.095 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	119797		
91	208.3	105.5	316.4	

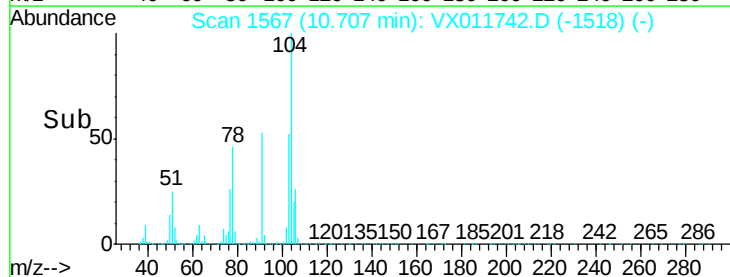
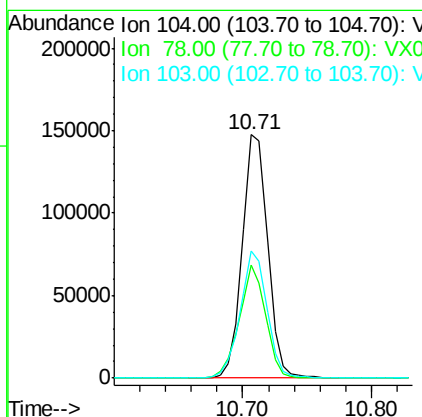
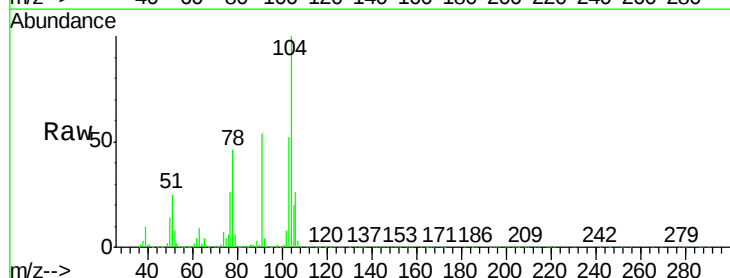
Manual Integrations
APPROVED

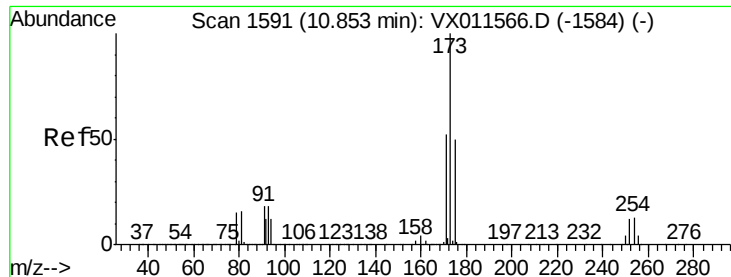
MMDadoda
8/22/2019 10:01:45 AM



#70
Styrene
Concen: 20.043 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	201152		
78	48.0	38.2	57.4	
103	55.5	43.6	65.4	





#71

Bromoform

Concen: 19.140 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

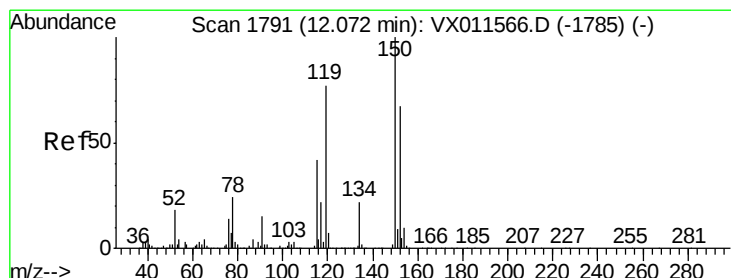
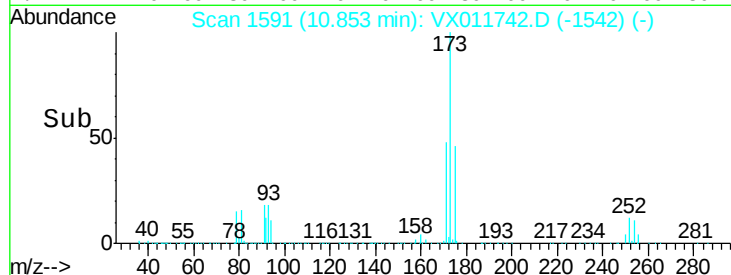
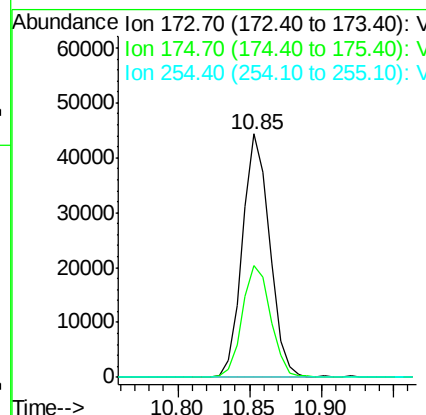
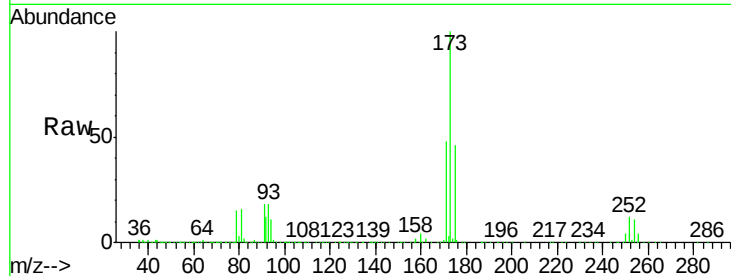
ClientSampleId :

VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.7
254	0.4	0.1	0.1#

Manual Integrations
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MMDadoda
8/22/2019 10:01:45 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

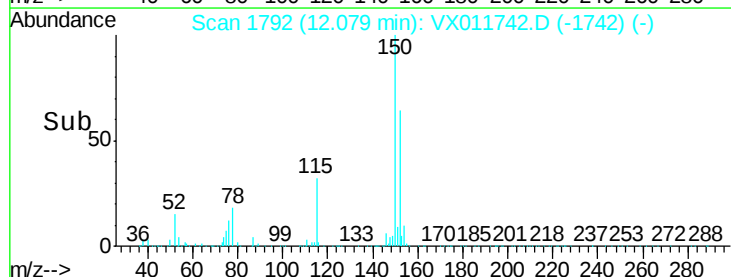
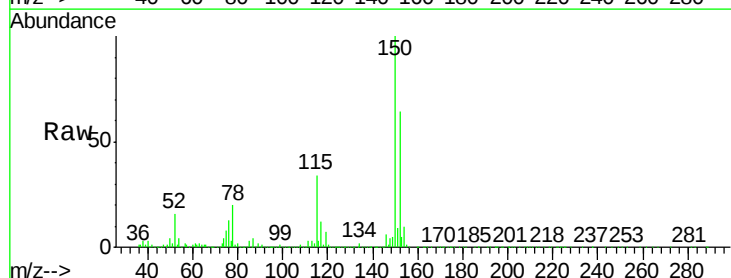
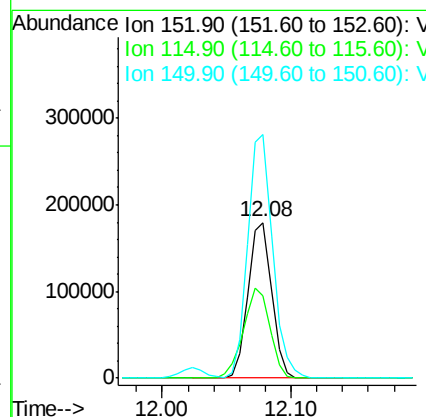
RT: 12.08 min Scan# 1792

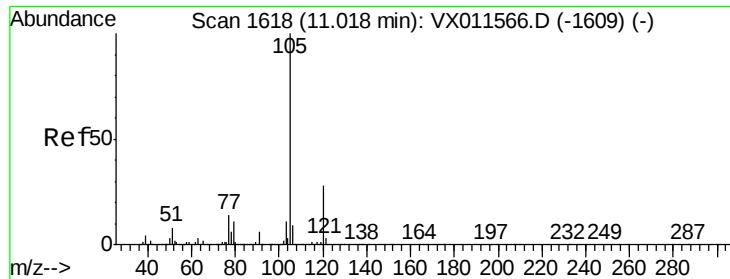
Delta R.T. 0.01 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	37.3	111.9
150	164.5	0.0	346.2





#73

Isopropylbenzene

Concen: 21.565 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 105 Resp: 317129

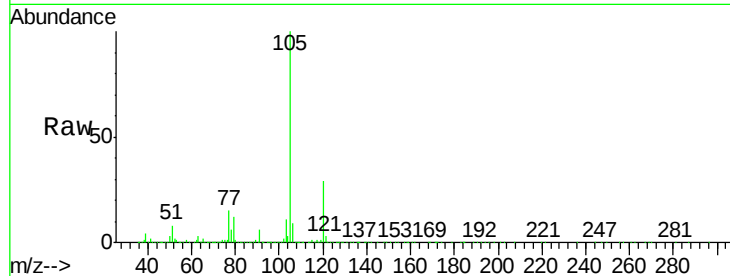
Ion Ratio Lower Upper

105 100

120 28.2 14.0 41.9

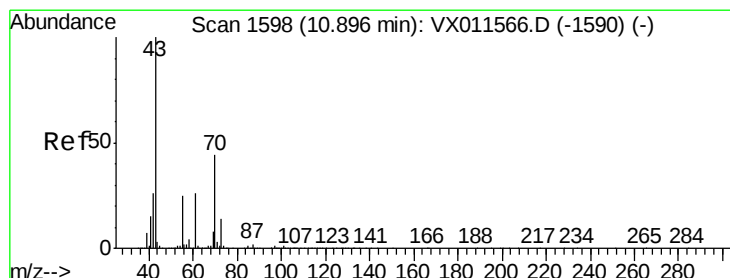
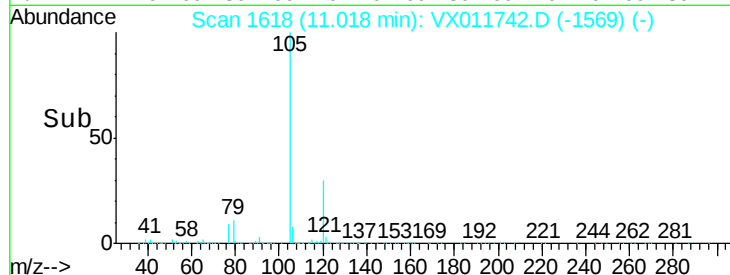
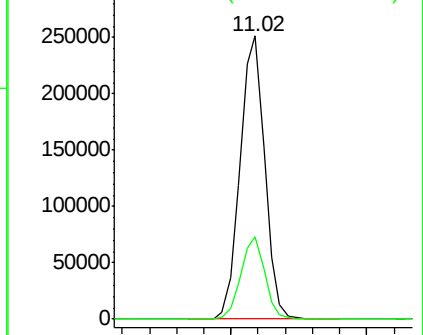
Manual Integrations
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8/22/2019 10:01:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.643 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion: 43 Resp: 122758

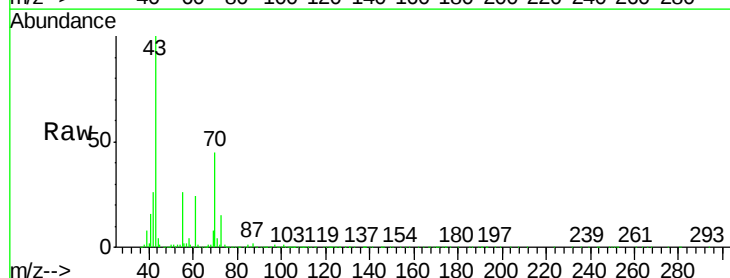
Ion Ratio Lower Upper

43 100

70 44.3 34.7 52.1

55 26.1 19.6 29.4

61 25.1 19.9 29.9

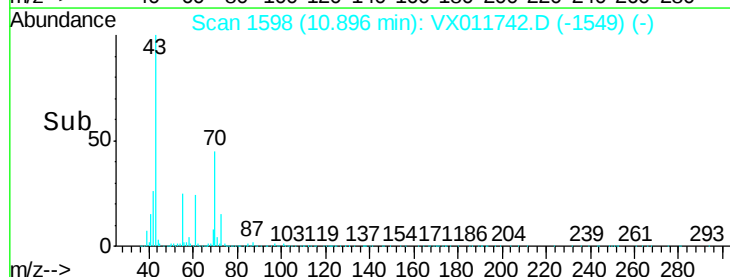
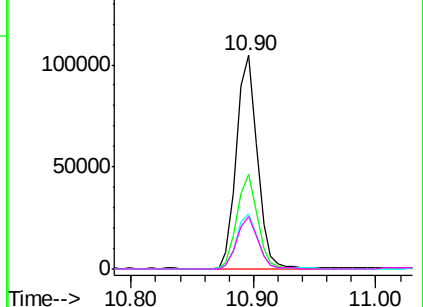


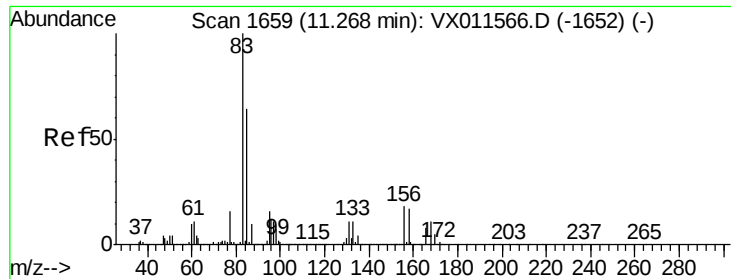
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

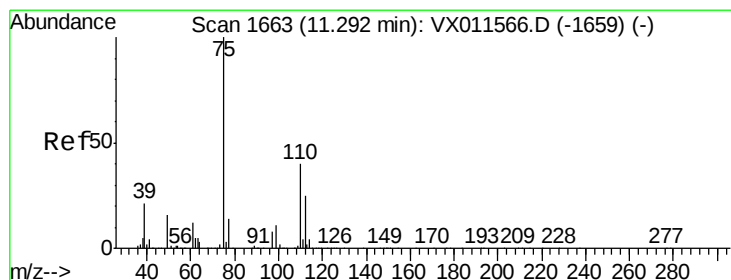
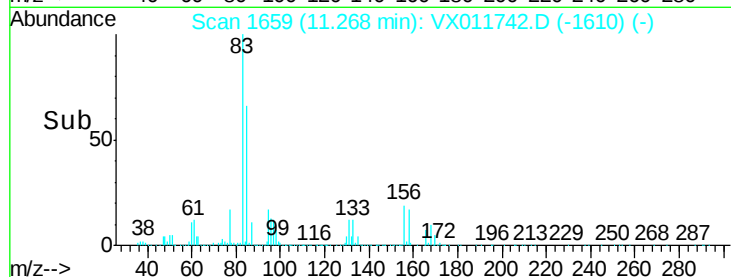
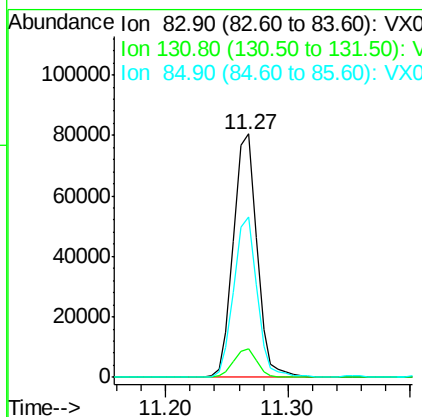
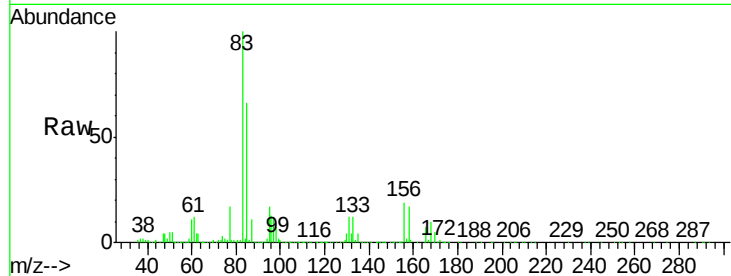
ClientSampleId :

VX0821WBSD02

Tot Ion:	83	Resp:	106859
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.8	17.3
85	65.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.161 ug/l m

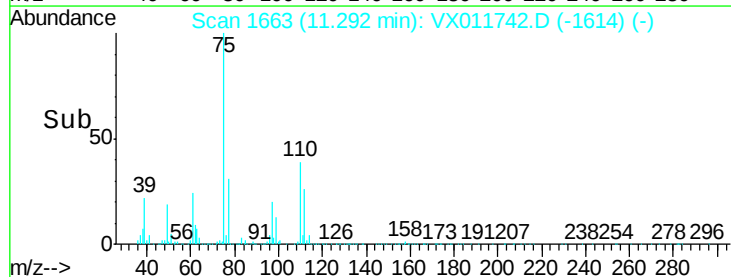
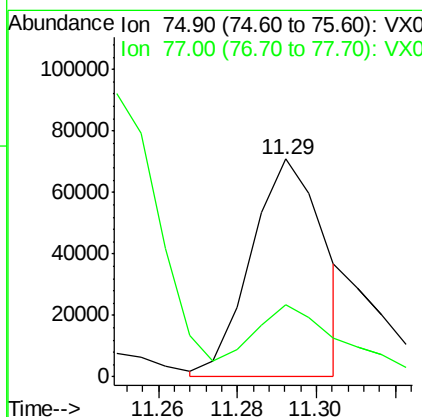
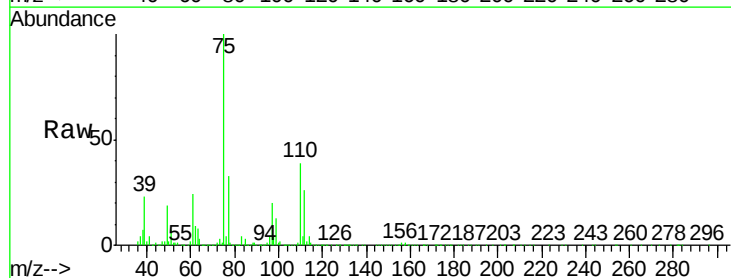
RT: 11.29 min Scan# 1663

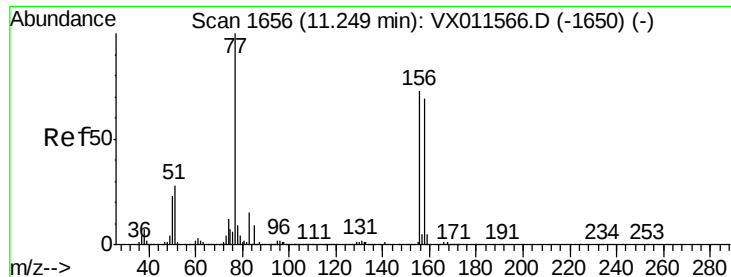
Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion:	75	Resp:	90939
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.9	62.8





#77

Bromobenzene

Concen: 21.483 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

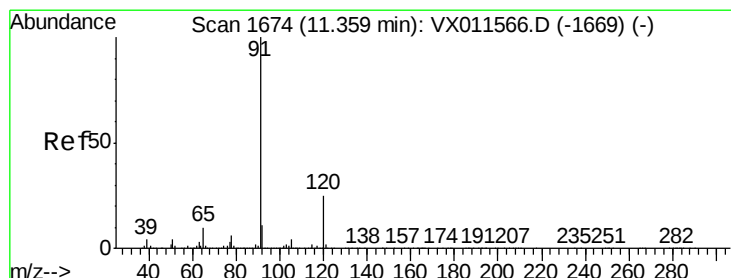
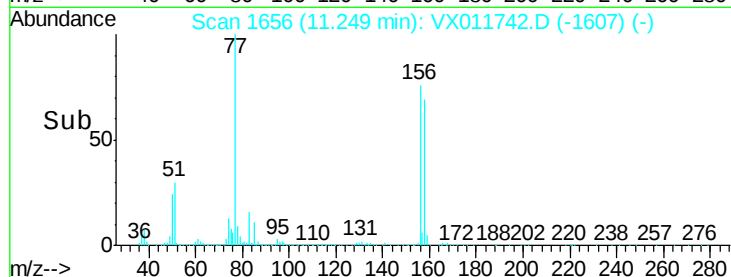
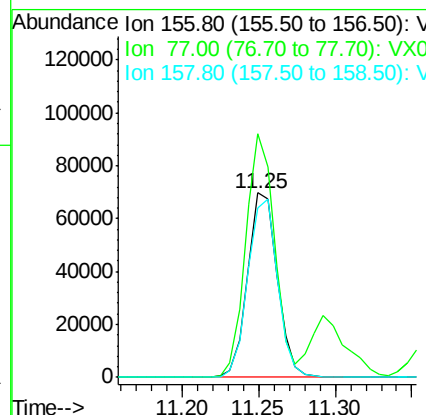
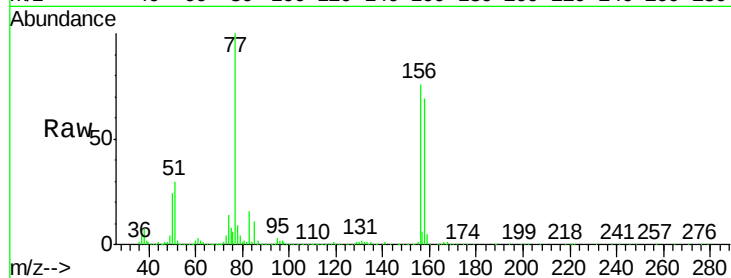
ClientSampleId :

VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.3	64.6	193.9
158	97.4	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.180 ug/l

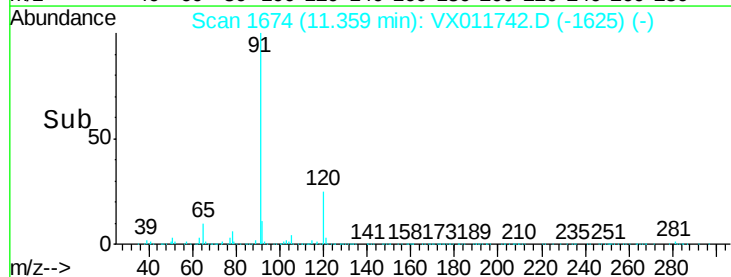
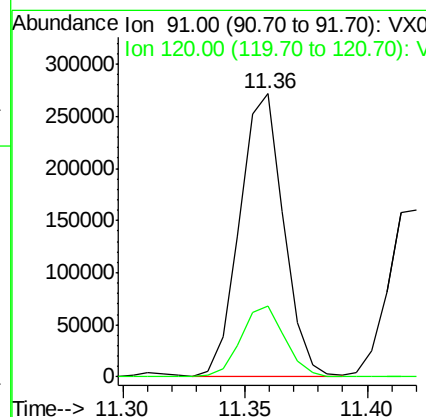
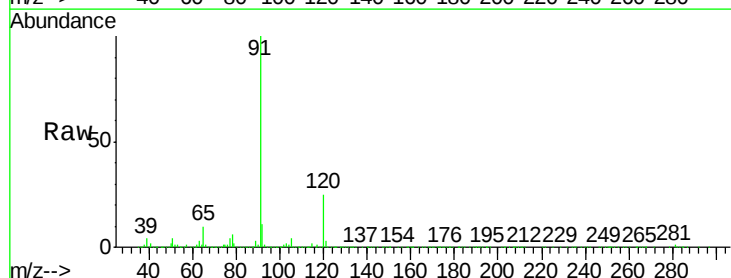
RT: 11.36 min Scan# 1674

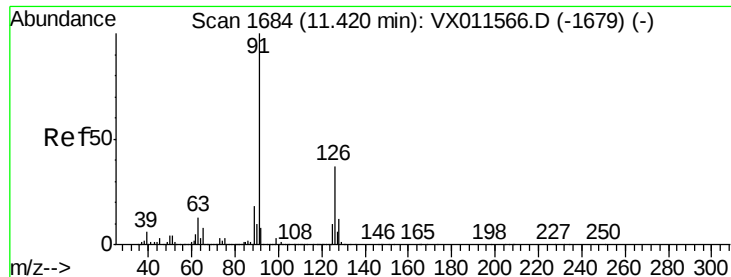
Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.6	37.6





#79

2-Chlorotoluene

Concen: 21.329 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBSD02

Tot Ion: 91 Resp: 207689

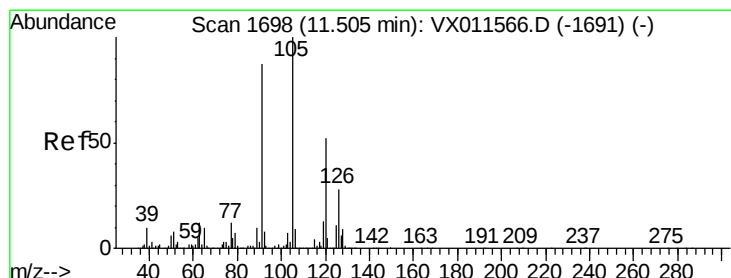
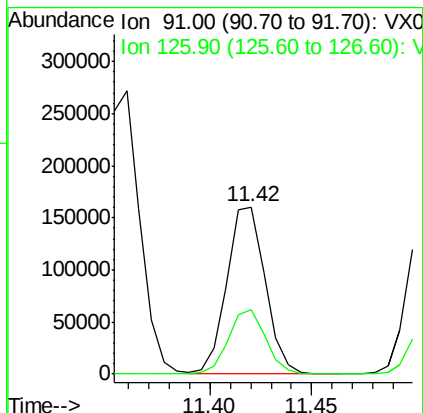
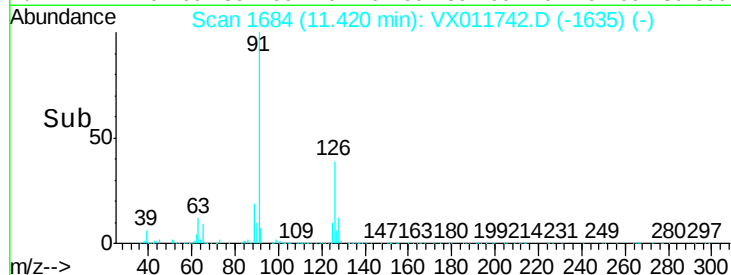
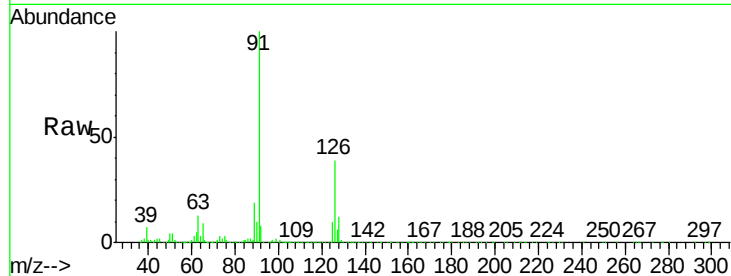
Ion Ratio Lower Upper

91 100

126 37.6 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 21.534 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011742.D

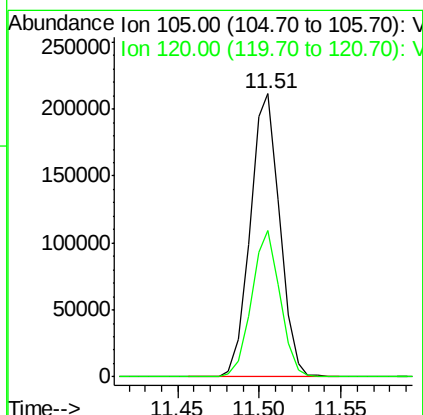
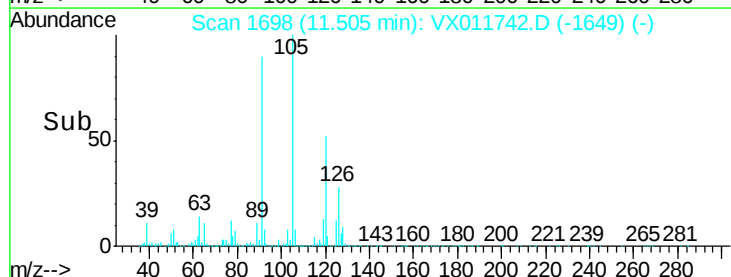
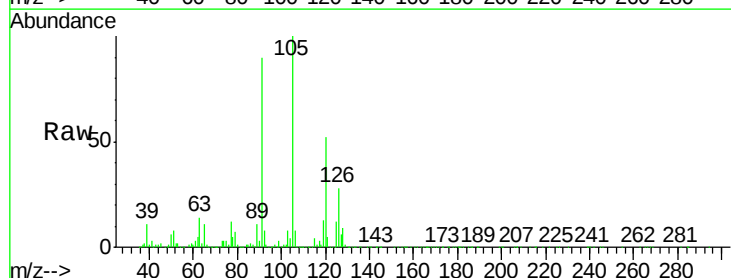
Acq: 21 Aug 2019 20:12

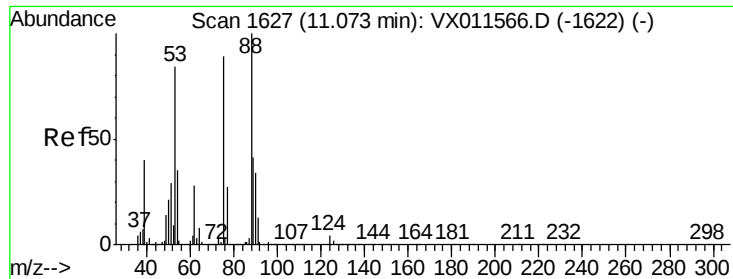
Tgt Ion: 105 Resp: 266021

Ion Ratio Lower Upper

105 100

120 49.9 25.3 75.8





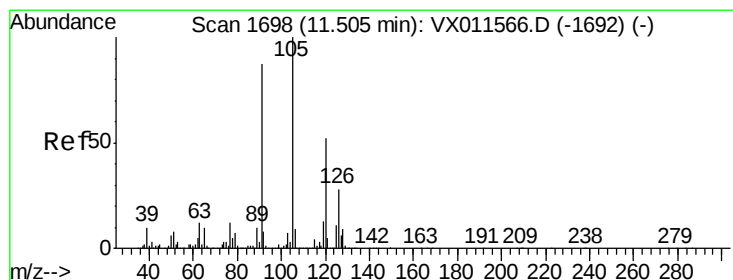
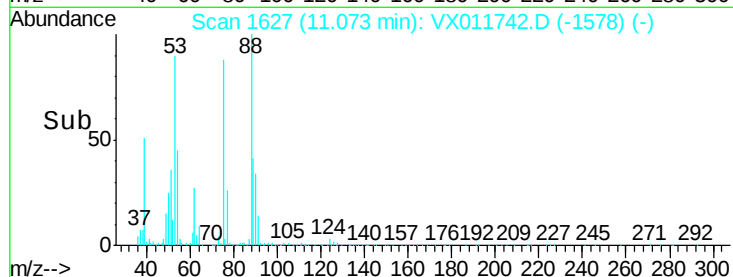
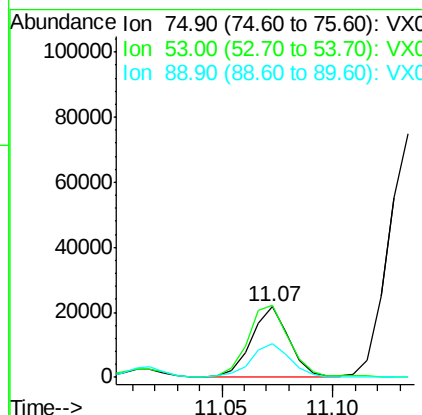
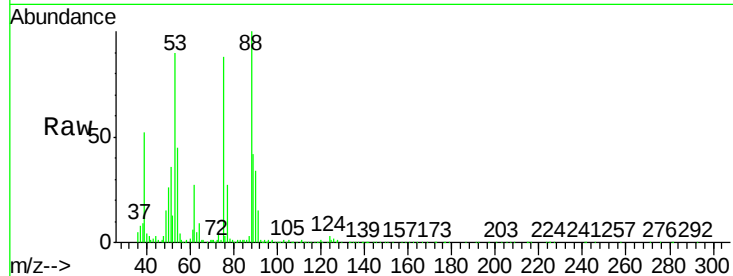
#81
trans-1,4-Dichloro-2-butene
Concen: 18.909 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.6	77.4	116.0
89	51.8	37.3	55.9

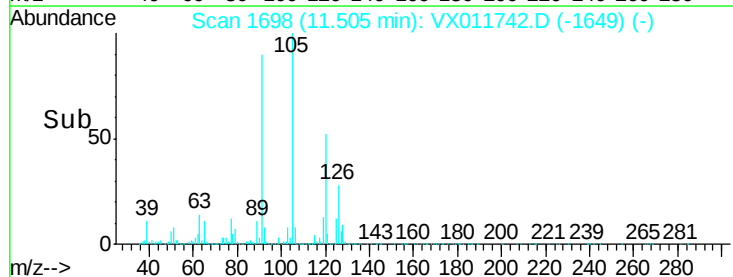
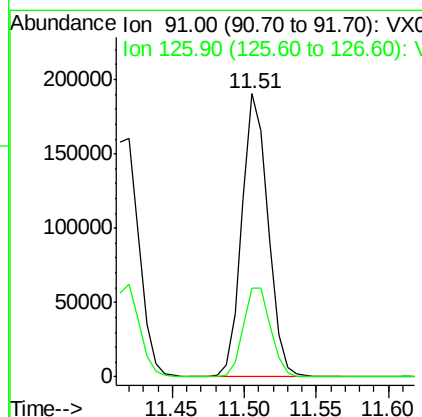
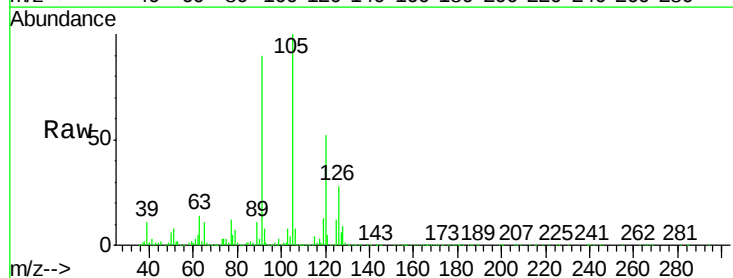
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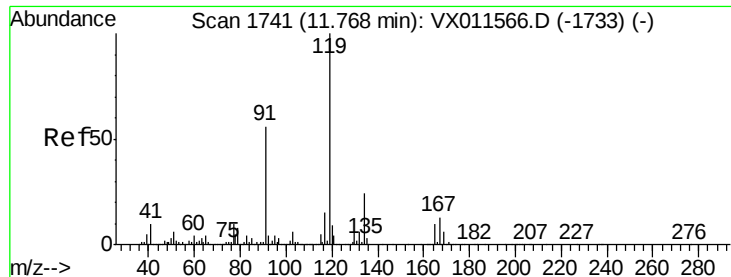
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.188 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.1





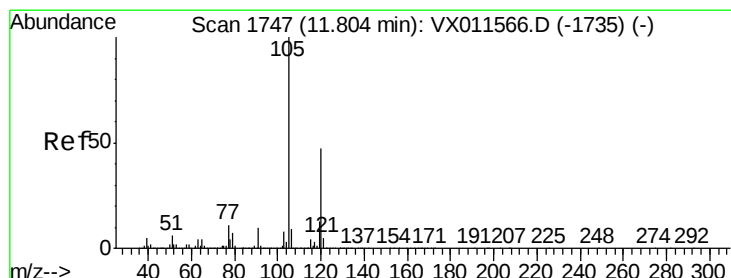
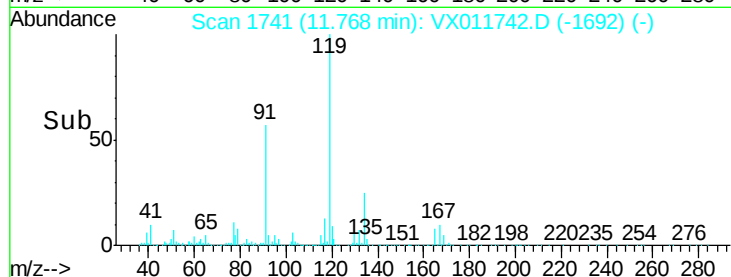
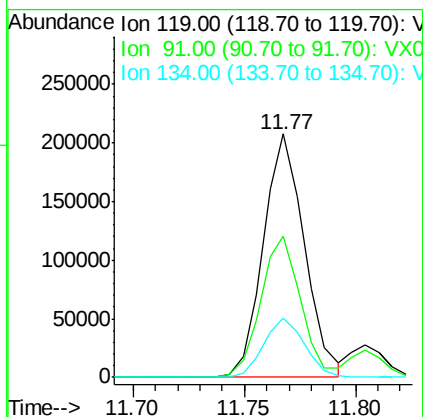
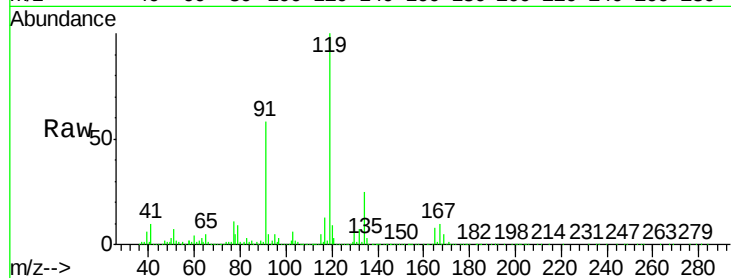
#83
tert-Butylbenzene
Concen: 21.147 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266065		
91	56.7		27.1	81.3
134	24.3		11.8	35.3

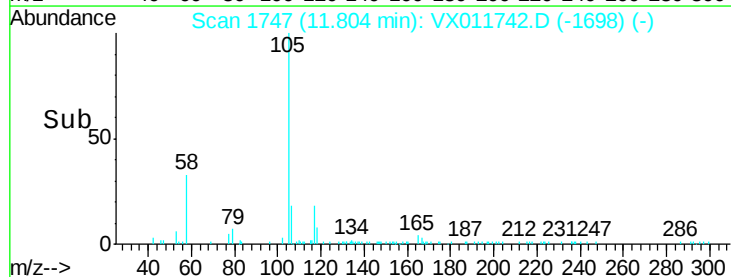
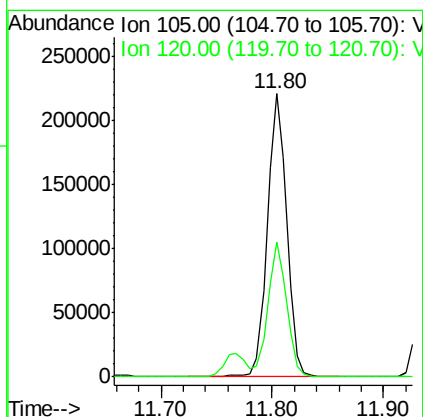
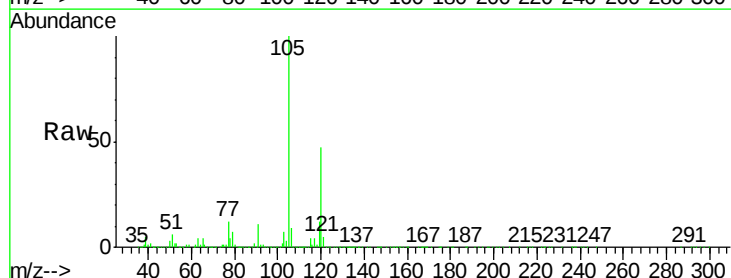
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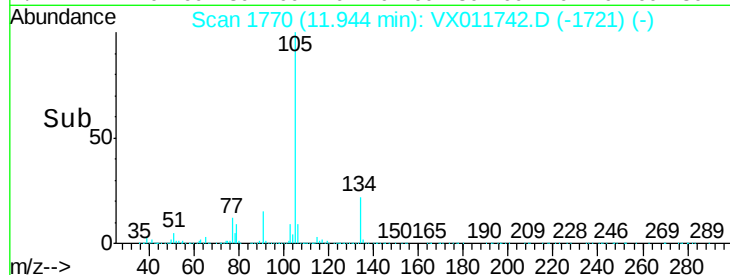
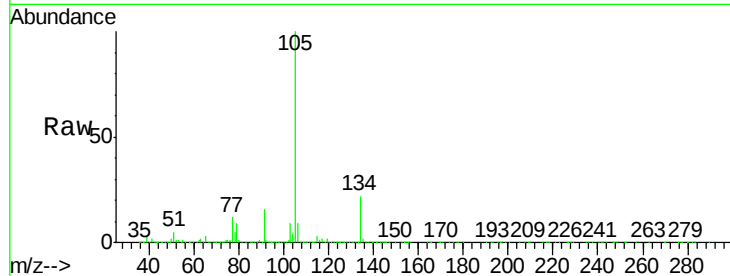
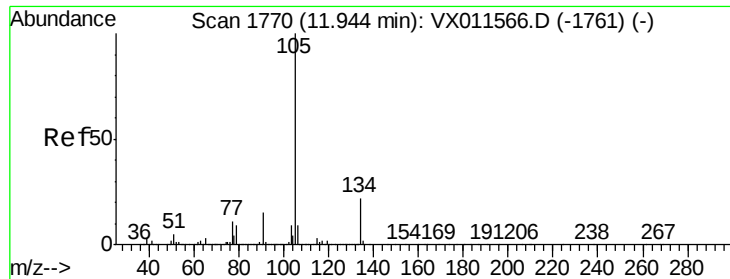
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#84
1,2,4-Trimethylbenzene
Concen: 21.661 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268644		
120	46.2		23.3	69.9





#85

sec-Butylbenzene

Concen: 21.204 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tot Ion:105 Resp: 300992

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

Instrument :

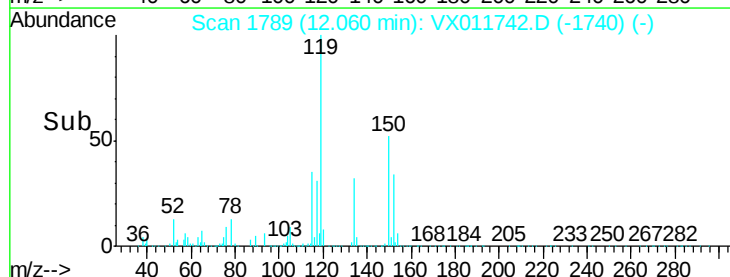
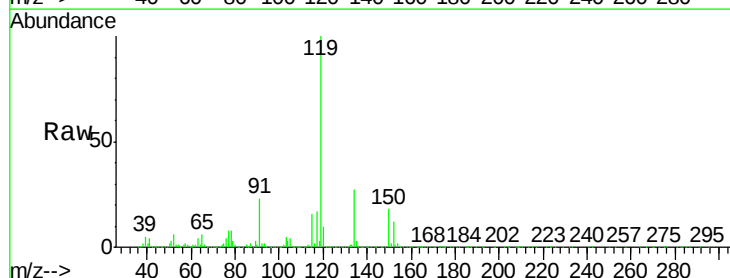
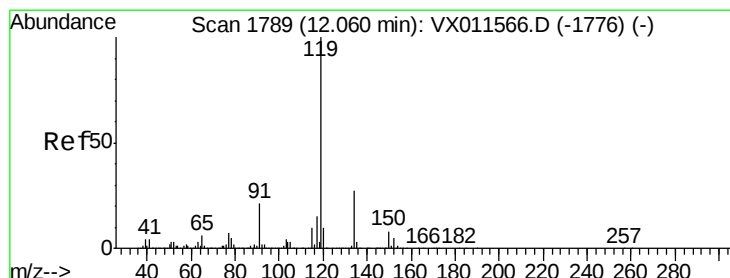
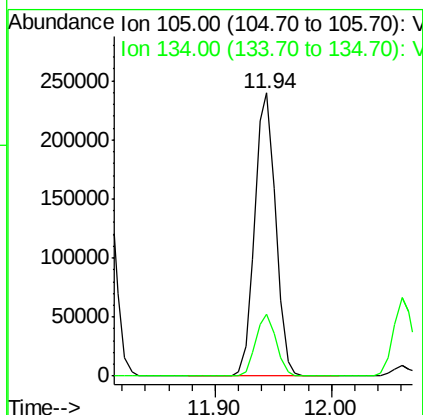
MSVOA_X

ClientSampled :

VX0821WBSD02

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#86

p-Isopropyltoluene

Concen: 21.127 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

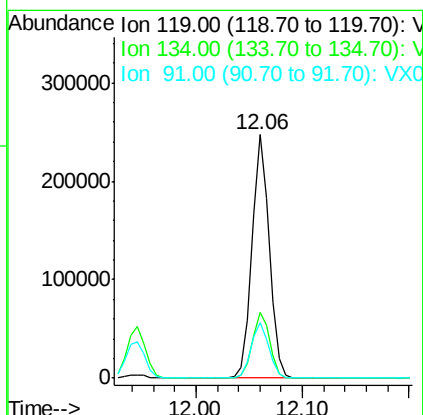
Tgt Ion:119 Resp: 282141

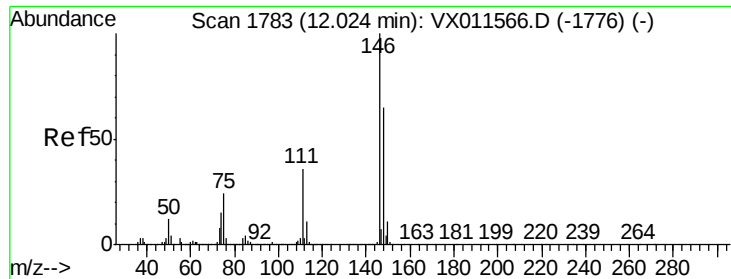
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

91 23.1 10.9 32.9





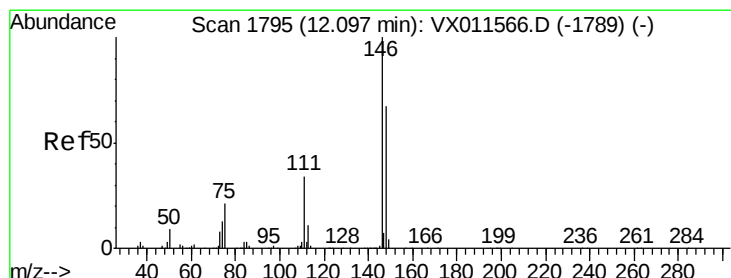
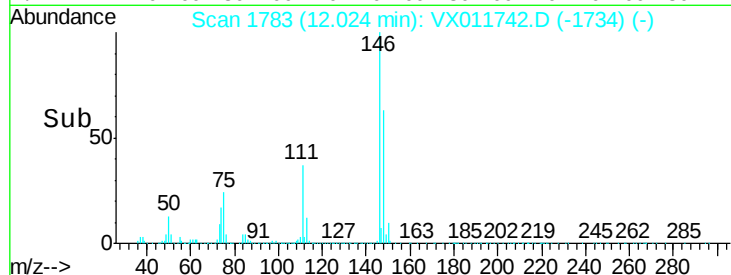
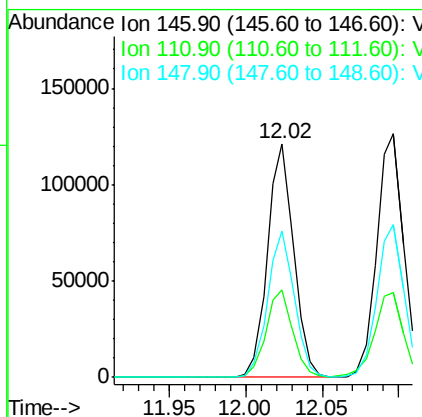
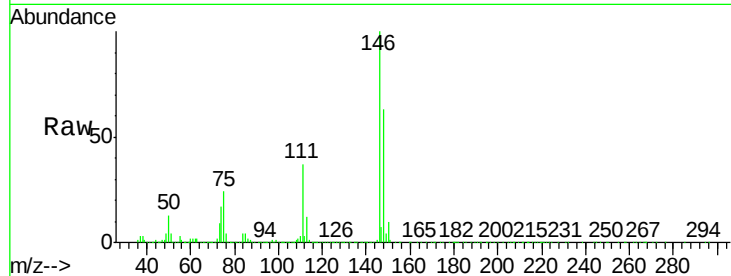
#87
 1,3-Dichlorobenzene
 Concen: 19.386 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.4
148	63.8	32.0	96.0

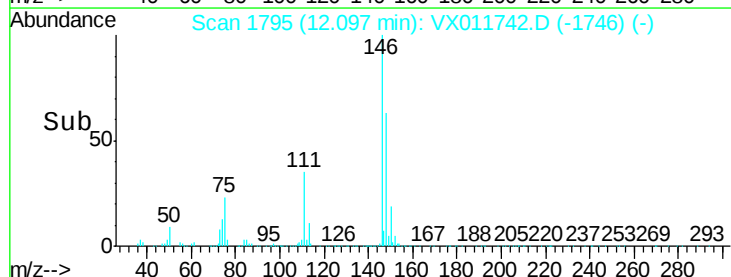
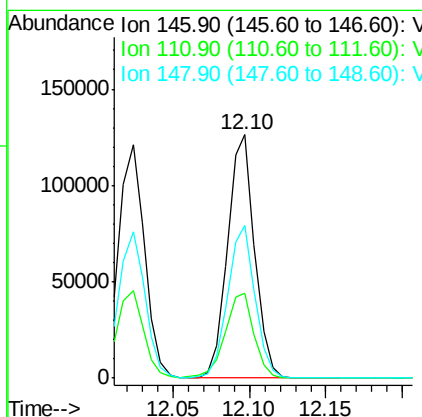
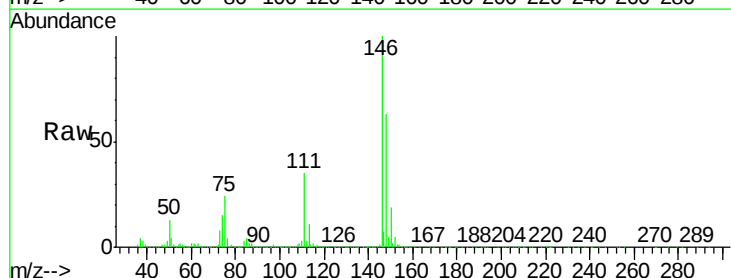
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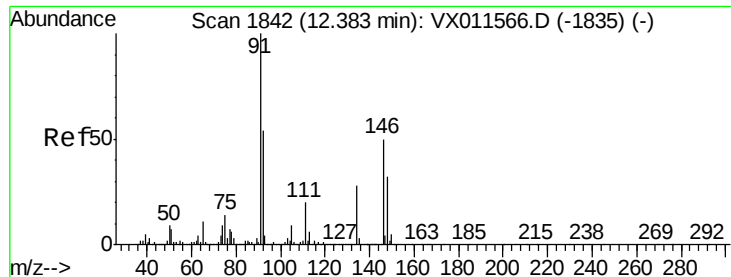
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 8/22/2019 10:01:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	17.9	53.7
148	63.5	32.5	97.5





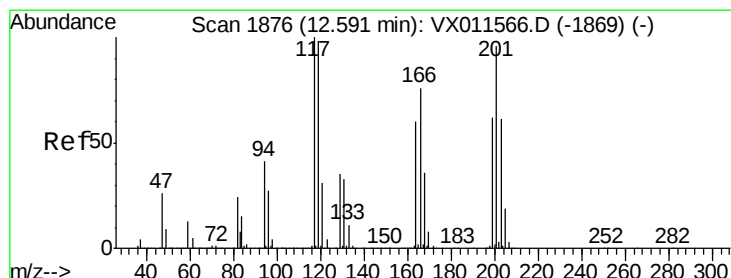
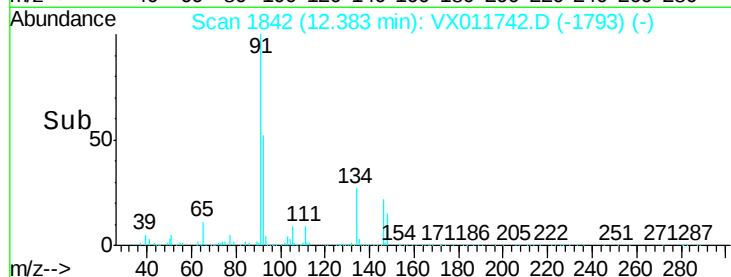
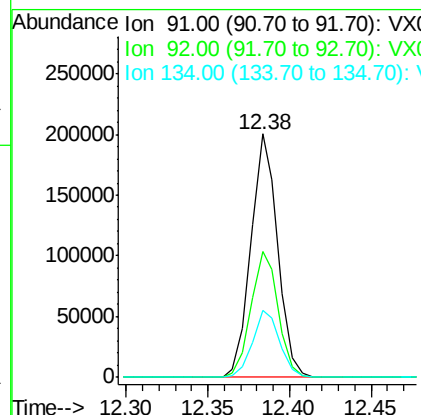
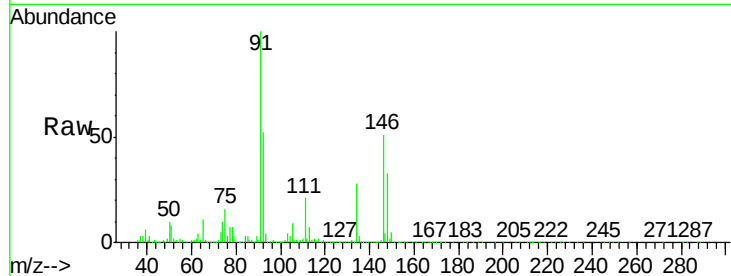
#89
n-Butylbenzene
Concen: 20.809 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	27.9	14.6	44.0

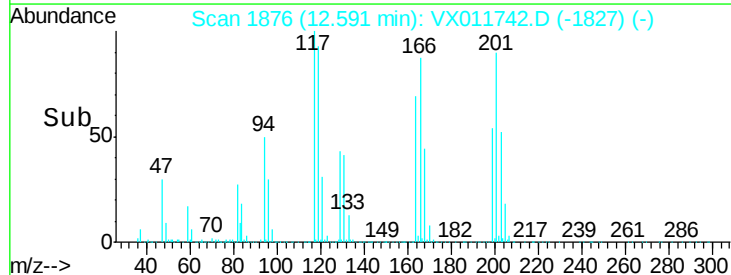
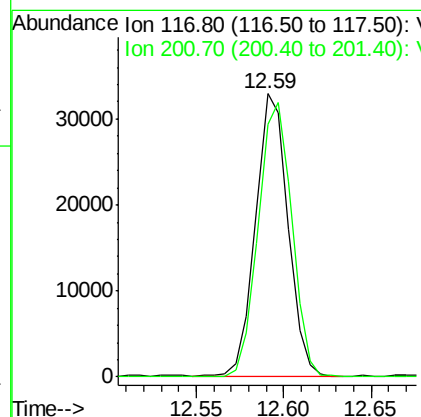
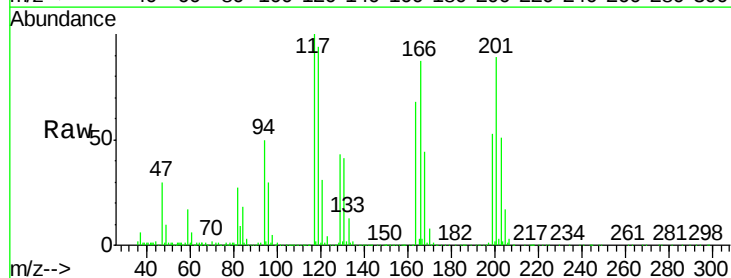
Manual Integrations
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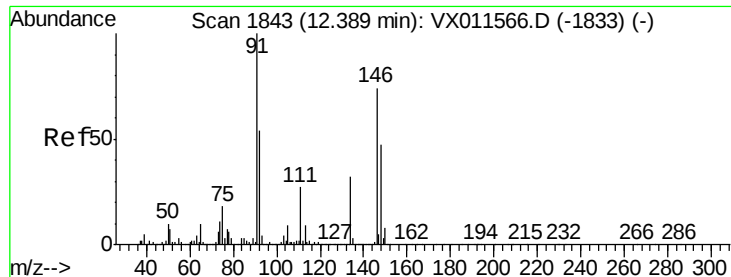
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#90
Hexachloroethane
Concen: 20.076 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011742.D
Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.1	51.9	155.7





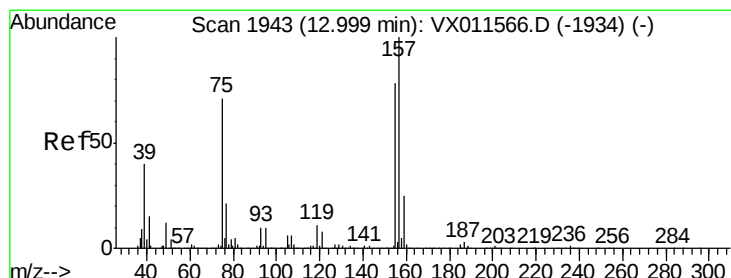
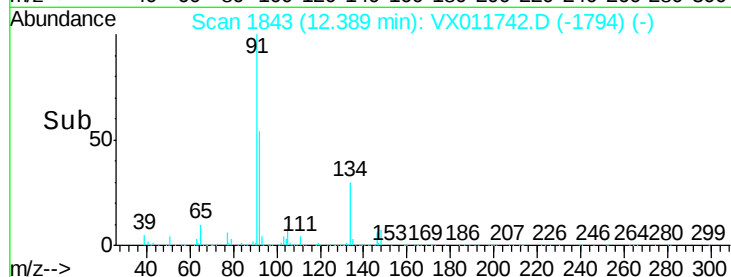
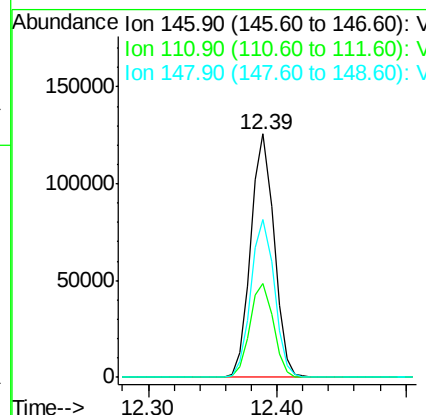
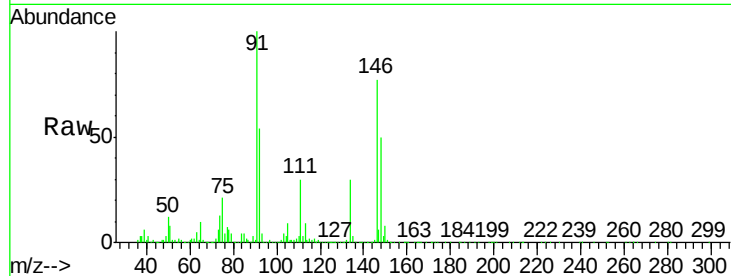
#91
 1,2-Dichlorobenzene
 Concen: 20.797 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156999		
111	38.6		18.9	56.7
148	64.7		31.9	95.9

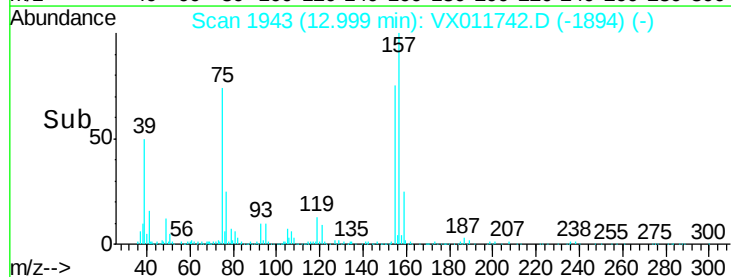
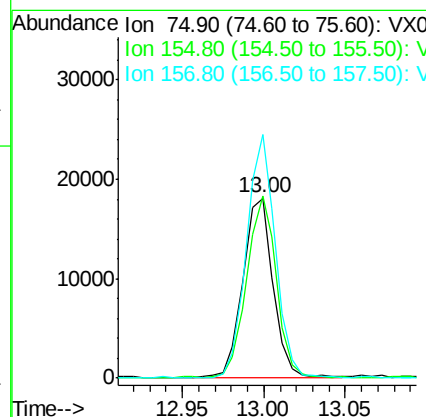
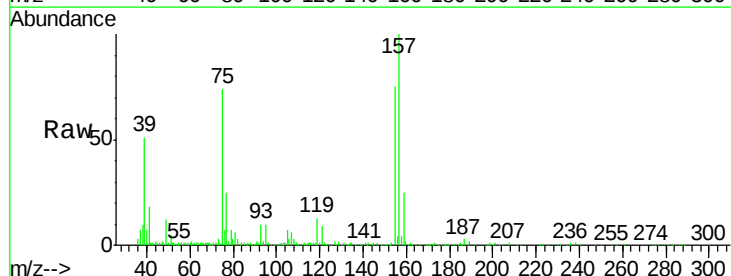
Manual Integrations
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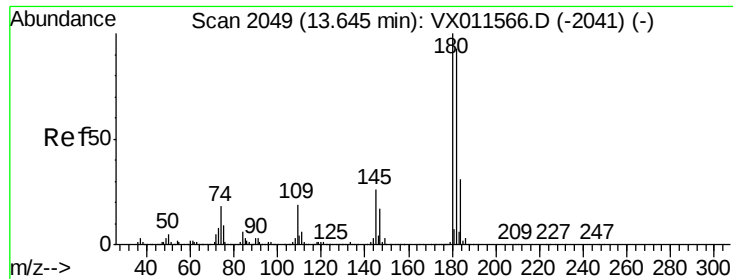
MMDadoda
 8/22/2019 10:01:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.314 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23511		
155	100.1		53.0	159.0
157	128.0		68.3	205.1





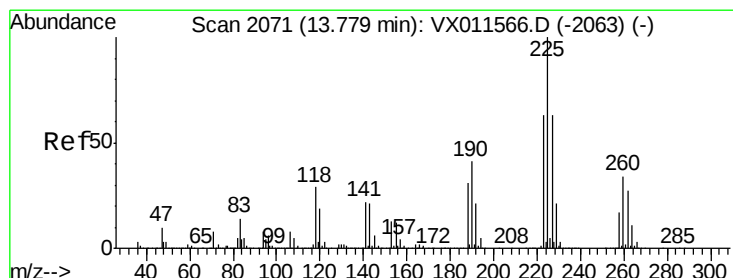
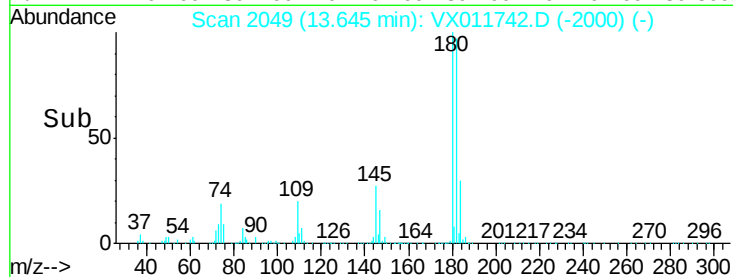
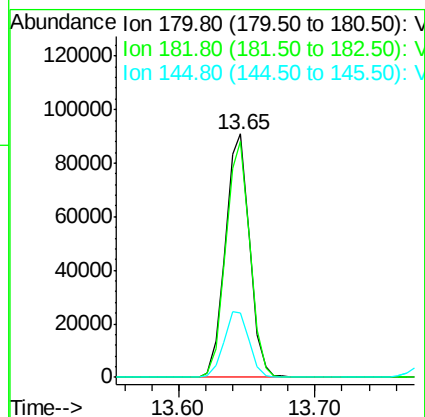
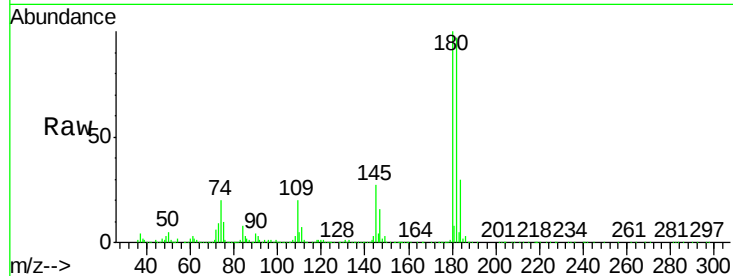
#93
 1,2,4-Trichlorobenzene
 Concen: 19.967 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112314		
182	96.6	47.3	142.0	
145	28.1	13.6	40.8	

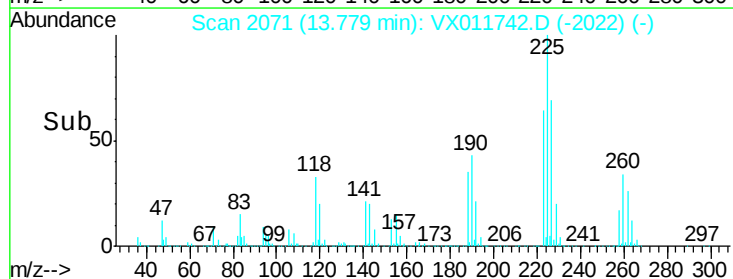
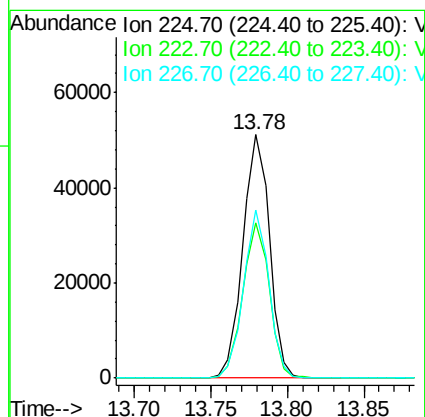
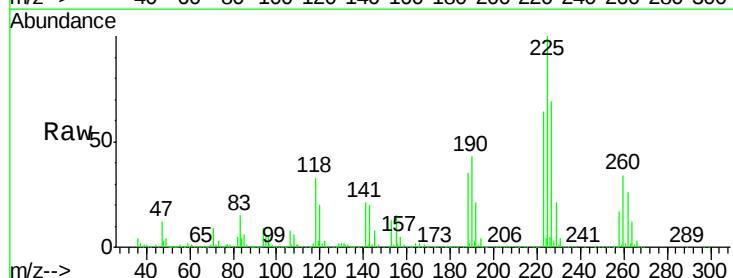
Manual Integrations
 APPROVED

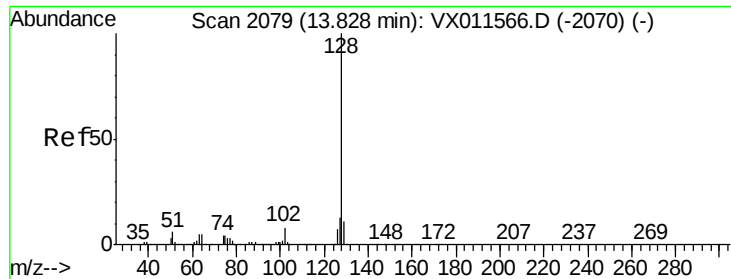
MMDadoda
 8/22/2019 10:01:45 AM



#94
 Hexachlorobutadiene
 Concen: 20.152 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011742.D
 Acq: 21 Aug 2019 20:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61723		
223	63.5	31.4	94.0	
227	66.4	31.2	93.6	





#95

Naphthalene

Concen: 21.694 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Instrument :

MSVOA_X

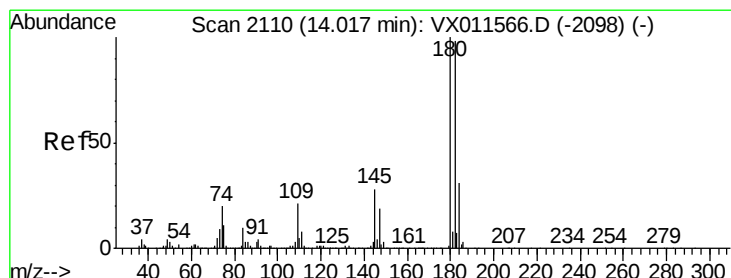
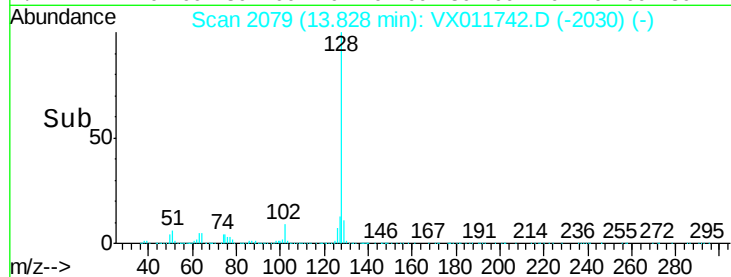
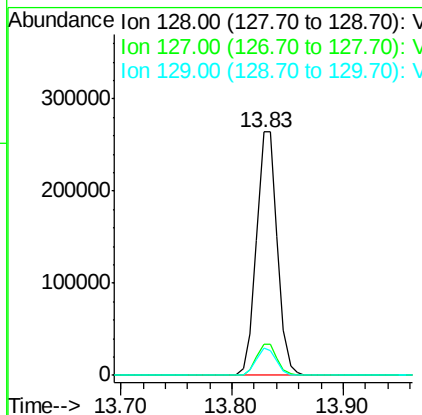
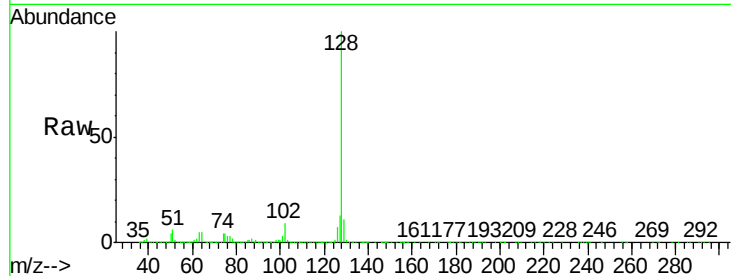
ClientSampleId :

VX0821WBSD02

Tot Ion:	128	Resp:	344981
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 19.869 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011742.D

Acq: 21 Aug 2019 20:12

Tgt Ion:	180	Resp:	112724
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.0
145	31.1	14.6	43.8

