

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007392.D
 Acq On : 06 Feb 2019 11:58
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:52:54 AM

Quant Time: Feb 07 00:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	492597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	638913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	242250	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
35) Dibromofluoromethane	5.50	113	212611	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.71	98	814425	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	301620	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111161	18.476	ug/l	99
3) Chloromethane	1.32	50	98047	17.671	ug/l	100
4) Vinyl Chloride	1.41	62	99488	18.278	ug/l	98
5) Bromomethane	1.64	94	75199	13.615	ug/l	100
6) Chloroethane	1.70	64	66430	18.866	ug/l	94
7) Trichlorofluoromethane	1.88	101	119884	14.079	ug/l	97
8) Diethyl Ether	2.20	74	58588	18.281	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.34	101	94565	18.670	ug/l	99
10) Methyl Iodide	2.48	142	122476	16.438	ug/l	98
11) Tert butyl alcohol	3.22	59	115421	106.669	ug/l #	1
12) 1,1-Dichloroethene	2.34	96	82111	17.458	ug/l	97
13) Acrolein	2.31	56	45111	88.906	ug/l	99
14) Allyl chloride	2.71	41	137789	17.980	ug/l	99
15) Acrylonitrile	3.17	53	245538	91.730	ug/l	99
16) Acetone	2.48	43	209734	87.570	ug/l	98
17) Carbon Disulfide	2.53	76	181863	16.281	ug/l	99
18) Methyl Acetate	2.79	43	138005	22.446	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	281802	18.494	ug/l	95
20) Methylene Chloride	2.84	84	92580	18.678	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	87151	17.395	ug/l	98
22) Diisopropyl ether	3.89	45	255079	18.095	ug/l	93
23) Vinyl Acetate	3.82	43	943399	80.649	ug/l	100
24) 1,1-Dichloroethane	3.68	63	158808	19.617	ug/l	99
25) 2-Butanone	4.73	43	300481	88.158	ug/l	99
26) 2,2-Dichloropropane	4.57	77	110117	17.862	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	93801	17.141	ug/l	99
28) Bromochloromethane	5.01	49	65089	17.484	ug/l	99
29) Tetrahydrofuran	5.17	42	200548	93.553	ug/l	98
30) Chloroform	5.21	83	146491	17.342	ug/l	93
31) Cyclohexane	5.56	56	132954	18.286	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	127428	17.871	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108987	17.560	ug/l	99
37) Ethyl Acetate	4.87	43	117852	18.784	ug/l	99
38) Carbon Tetrachloride	5.77	117	107604	17.870	ug/l	95

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Manual Integrations
 APPROVED

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Quant Time: Feb 07 00:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139514	18.578	ug/l	97
40) Benzene	6.13	78	339513	18.570	ug/l	99
41) Methacrylonitrile	5.07	41	61893	18.406	ug/l	97
42) 1,2-Dichloroethane	6.20	62	117325	18.547	ug/l	97
43) Isopropyl Acetate	6.47	43	178338	18.415	ug/l	99
44) Trichloroethene	7.21	130	99865	18.136	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83884	18.312	ug/l	100
46) Dibromomethane	7.66	93	59168	17.771	ug/l	99
47) Bromodichloromethane	7.90	83	93214	16.520	ug/l	98
48) Methyl methacrylate	7.78	41	90116	18.603	ug/l	98
49) 1,4-Dioxane	7.79	88	44108	404.515	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	611617	95.937	ug/l	98
52) Toluene	8.78	92	218587	18.531	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105148	17.348	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118155	17.727	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90079	18.320	ug/l	96
56) Ethyl methacrylate	9.18	69	120917	17.755	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144359	18.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350446	97.630	ug/l	99
59) 2-Hexanone	9.51	43	481412	97.040	ug/l	100
60) Dibromochloromethane	9.59	129	77288	16.620	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94549	18.157	ug/l	100
64) Tetrachloroethene	9.33	164	99904	16.590	ug/l	97
65) Chlorobenzene	10.14	112	244187	17.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	83193	17.797	ug/l	98
67) Ethyl Benzene	10.25	91	400701	17.847	ug/l	96
68) m/p-Xylenes	10.36	106	318051	35.635	ug/l	99
69) o-Xylene	10.70	106	158170	18.417	ug/l	99
70) Styrene	10.71	104	248246	17.823	ug/l	99
71) Bromoform	10.86	173	58200	17.081	ug/l	99
73) Isopropylbenzene	11.02	105	418840	17.552	ug/l	99
74) N-amyl acetate	10.90	43	165477	17.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141244	19.422	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121539m	17.794	ug/l	
77) Bromobenzene	11.26	156	113652	16.904	ug/l	98
78) n-propylbenzene	11.36	91	453977	17.350	ug/l	99
79) 2-Chlorotoluene	11.42	91	280414	17.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	349362	17.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32793	17.814	ug/l	96
82) 4-Chlorotoluene	11.51	91	322308	17.544	ug/l	100
83) tert-Butylbenzene	11.77	119	352216	18.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360385	18.183	ug/l	100
85) sec-Butylbenzene	11.94	105	421230	18.007	ug/l	100
86) p-Isopropyltoluene	12.07	119	371997	17.616	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207045	17.159	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	213662	17.454	ug/l	100
89) n-Butylbenzene	12.39	91	293197	16.140	ug/l	99
90) Hexachloroethane	12.60	117	55225	17.474	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	216744	18.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25282	16.719	ug/l	93

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ClientSampleId :
VX0206WBS01

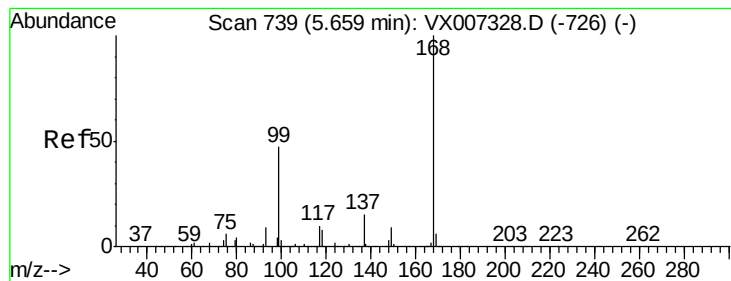
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	17.566	ug/l	99
94) Hexachlorobutadiene	13.78	225	72522	18.443	ug/l	97
95) Naphthalene	13.83	128	444540	18.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147947	18.150	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:168 Resp: 492597

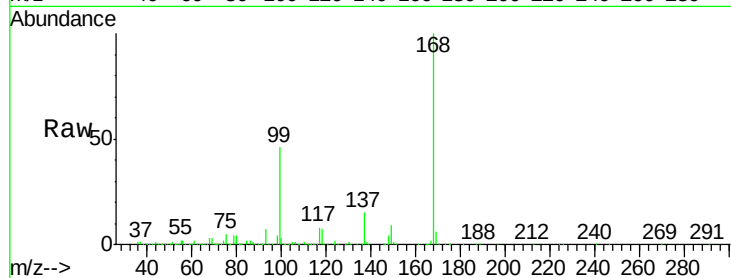
Ion Ratio Lower Upper

168 100

99 45.5 37.9 56.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

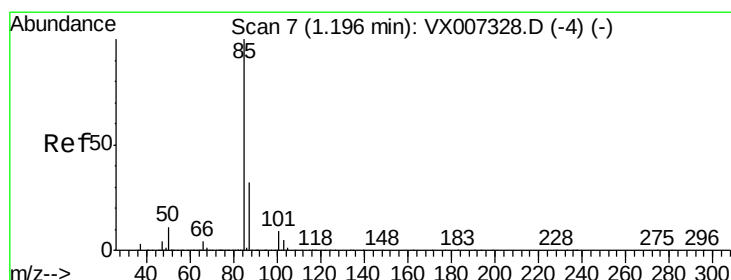
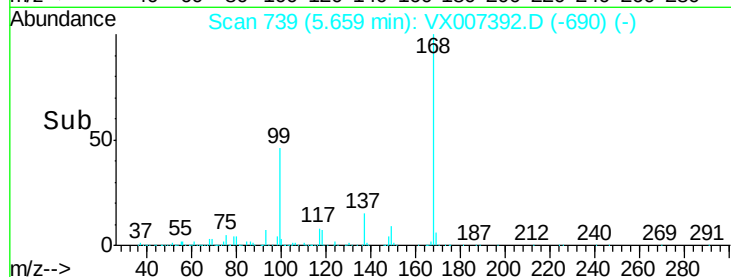
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.476 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007392.D

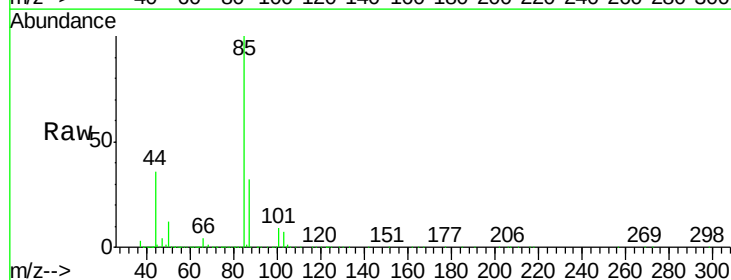
Acq: 06 Feb 2019 11:58

Tgt Ion: 85 Resp: 111161

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

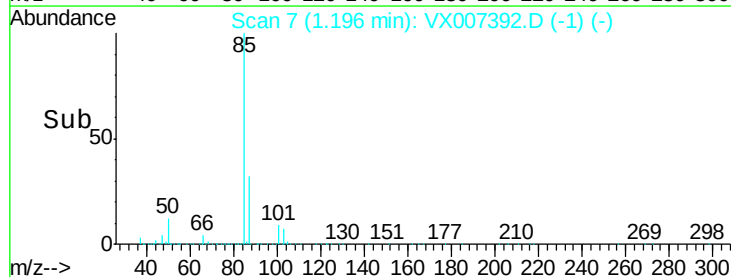
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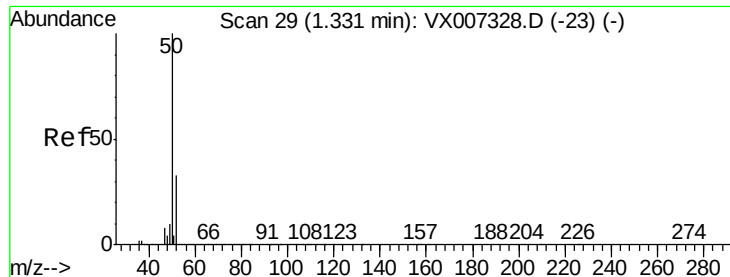
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1.15 1.20 1.25 1.30

Time-->





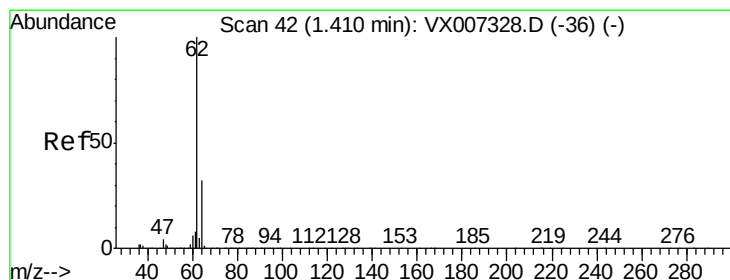
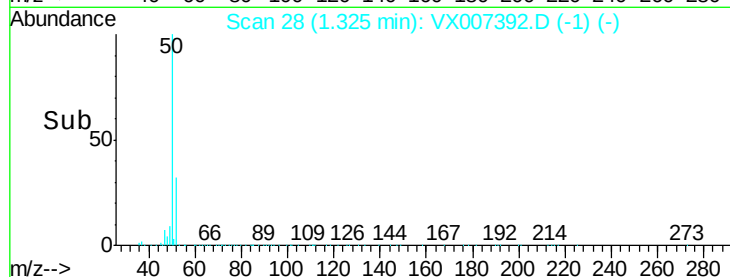
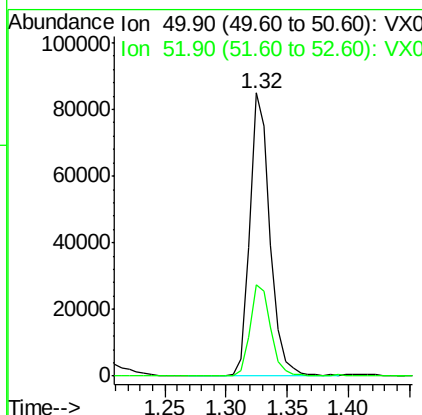
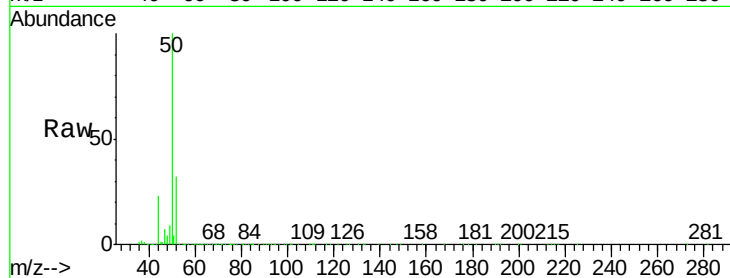
#3
Chloromethane
Concen: 17.671 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.1	39.1

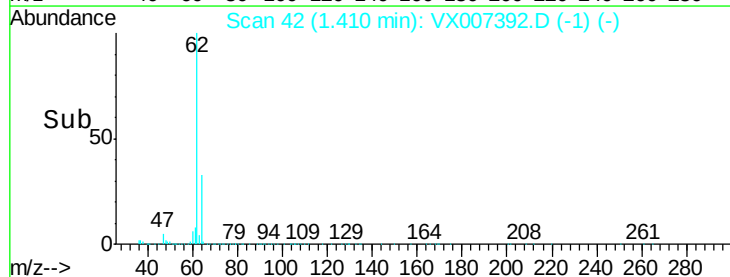
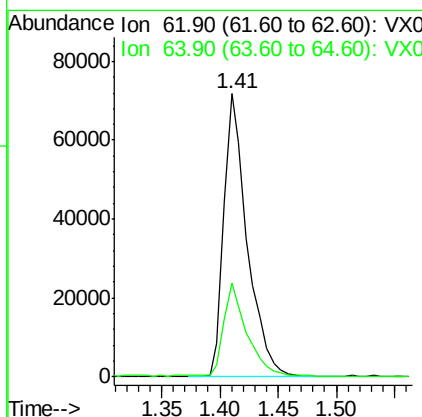
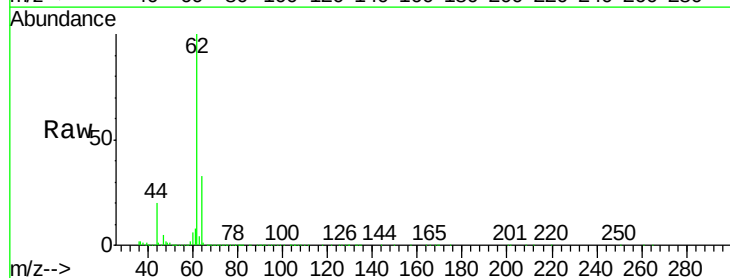
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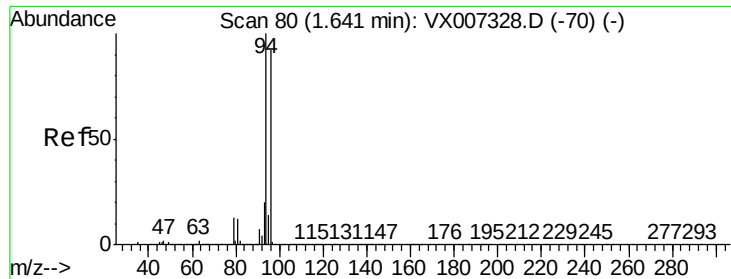
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#4
Vinyl Chloride
Concen: 18.278 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.4	38.0





#5

Bromomethane

Concen: 13.615 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 94 Resp: 75199

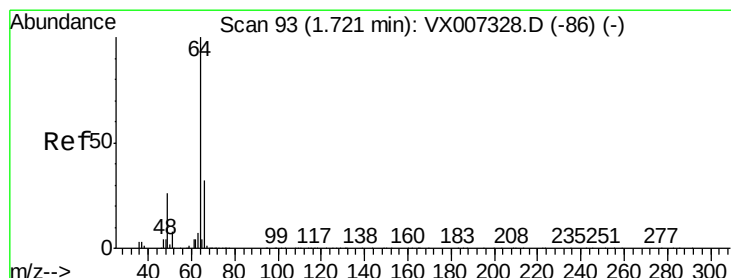
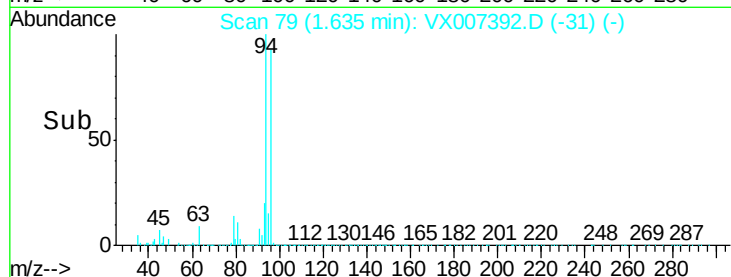
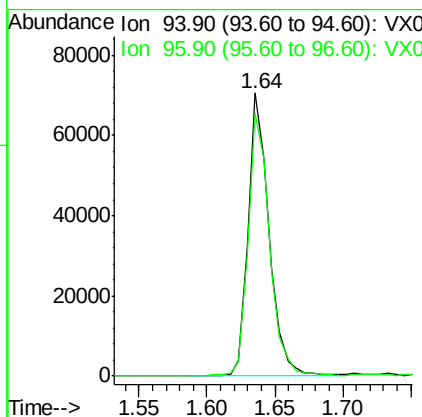
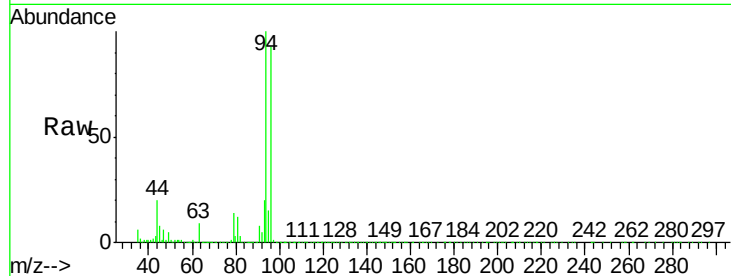
Ion Ratio Lower Upper

94 100

96 92.7 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 18.866 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX007392.D

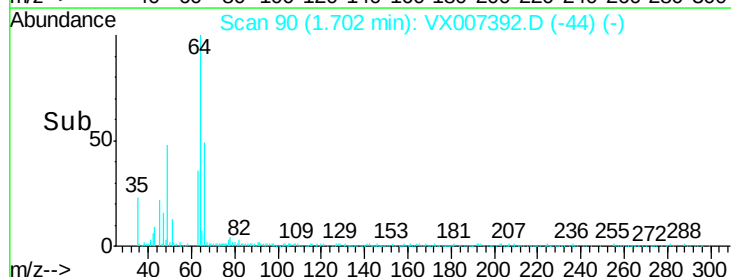
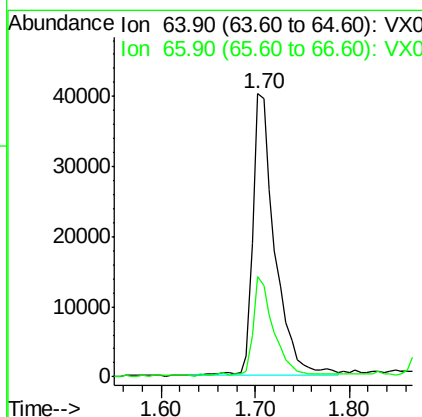
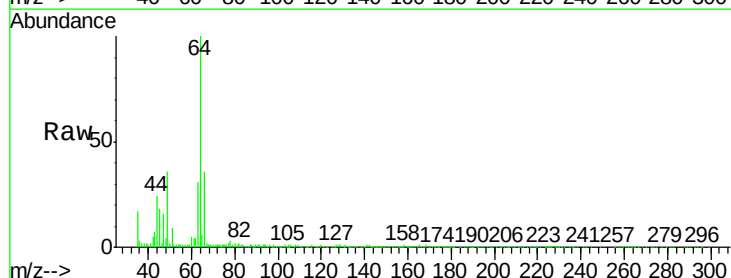
Acq: 06 Feb 2019 11:58

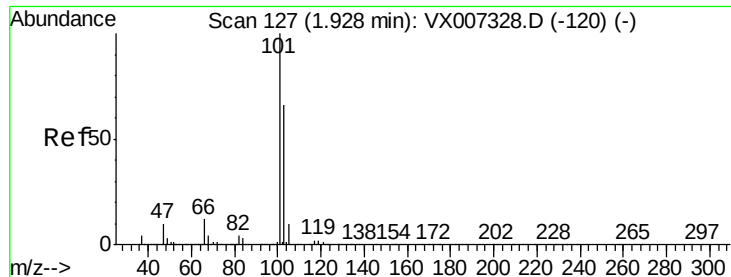
Tgt Ion: 64 Resp: 66430

Ion Ratio Lower Upper

64 100

66 35.0 25.5 38.3





#7

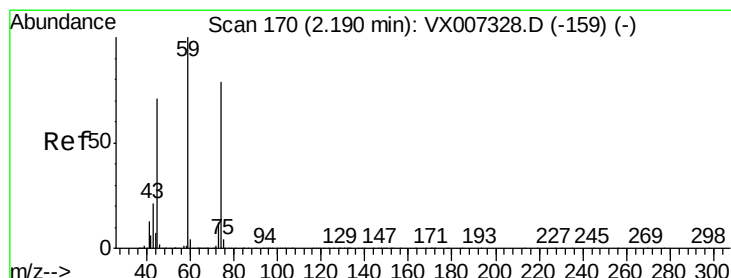
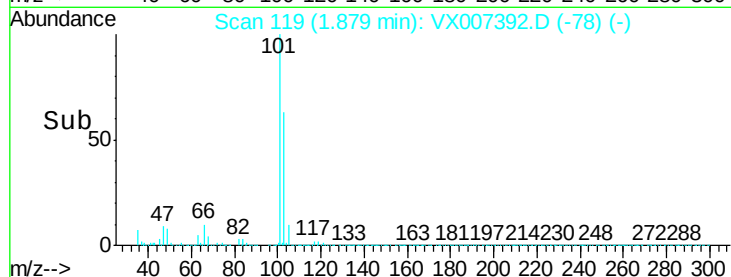
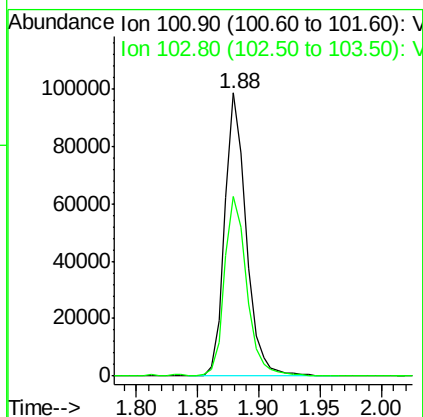
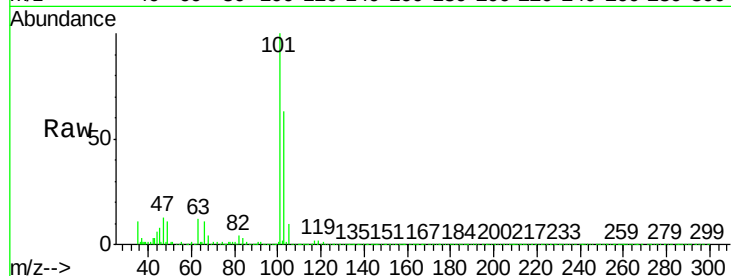
Trichlorofluoromethane
Concen: 14.079 ug/l
RT: 1.88 min Scan# 119
Delta R.T. -0.05 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.6	79.0

Manual Integrations
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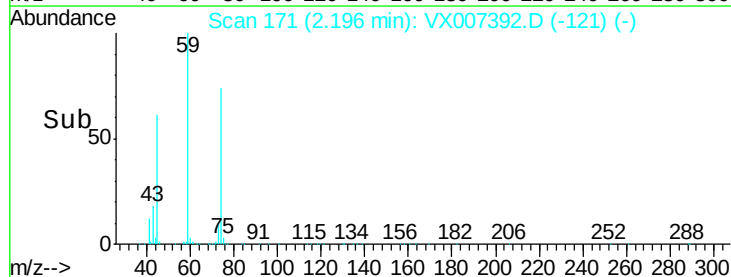
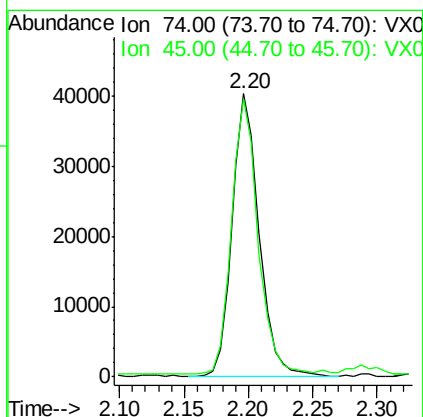
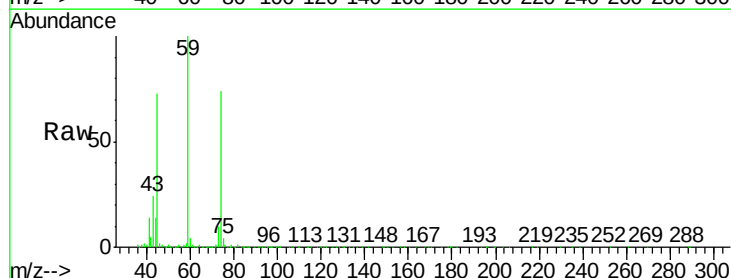
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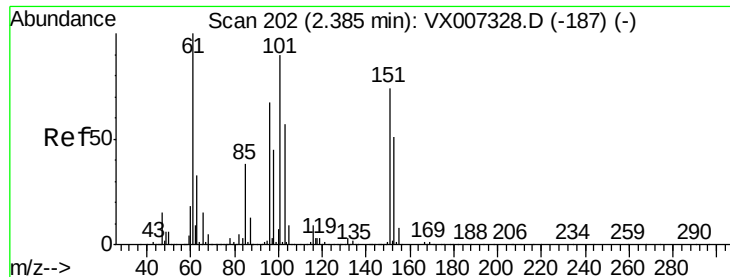


#8

Diethyl Ether
Concen: 18.281 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.670 ug/l

RT: 2.34 min Scan# 195

Delta R.T. -0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

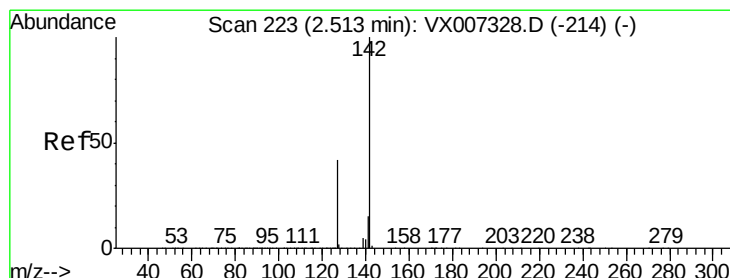
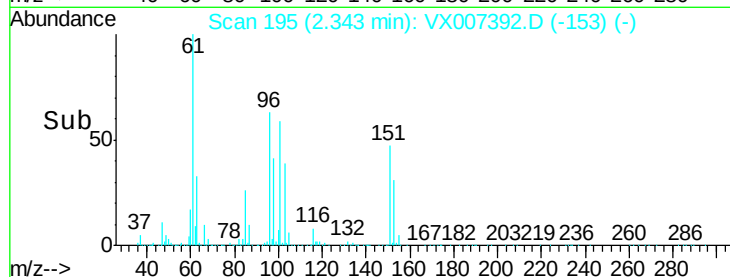
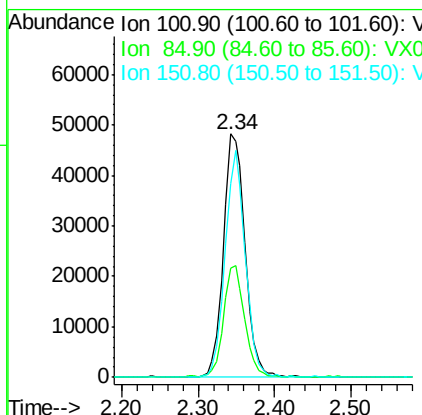
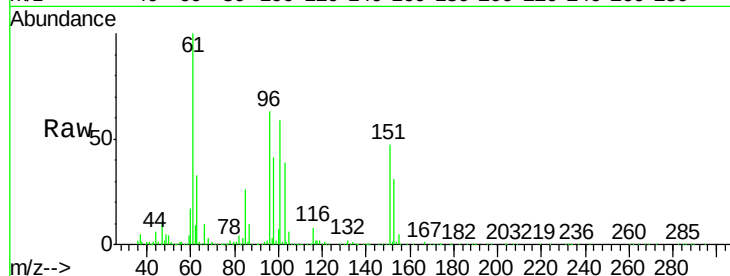
ClientSampleId :

VX0206WBS01

Tot Ion:	101	Resp:	94565
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.1	51.1
151	86.9	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 16.438 ug/l

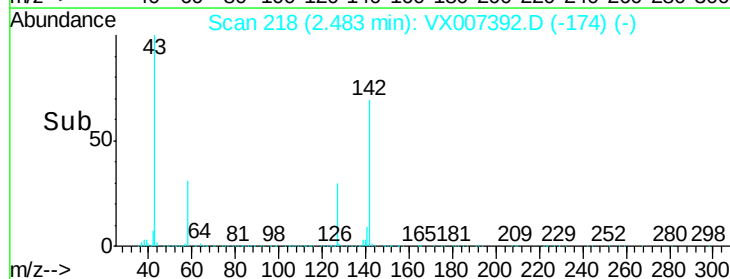
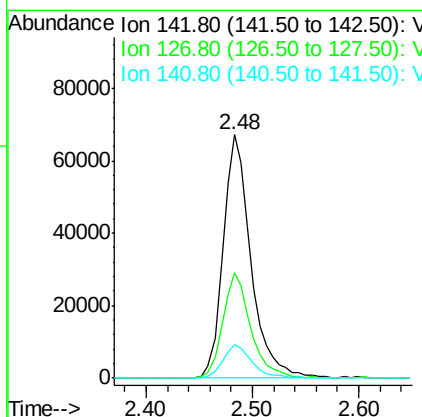
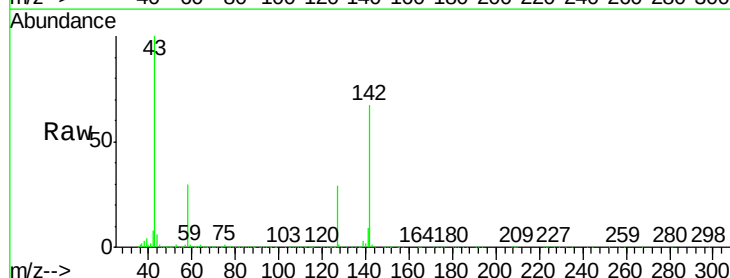
RT: 2.48 min Scan# 218

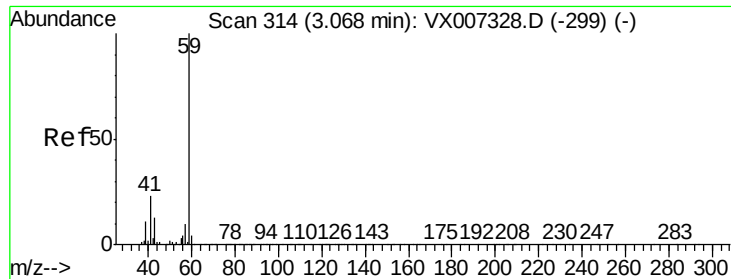
Delta R.T. -0.03 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	142	Resp:	122476
Ion Ratio	Lower	Upper	
142	100		
127	43.6	33.7	50.5
141	14.2	11.3	16.9





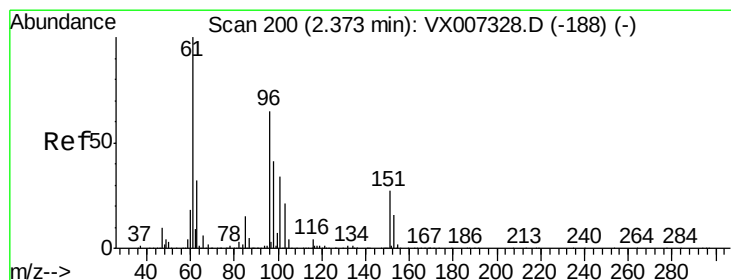
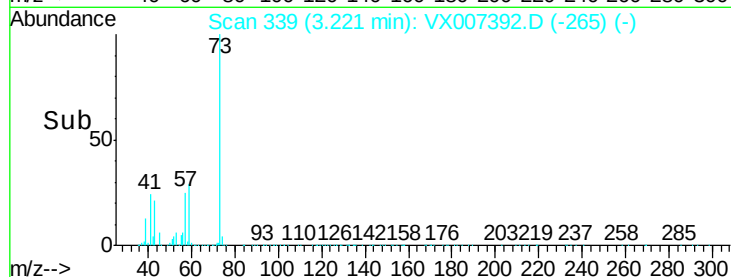
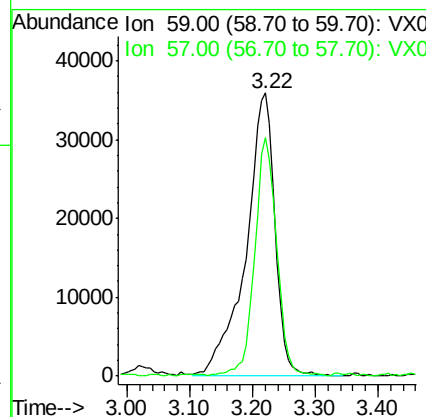
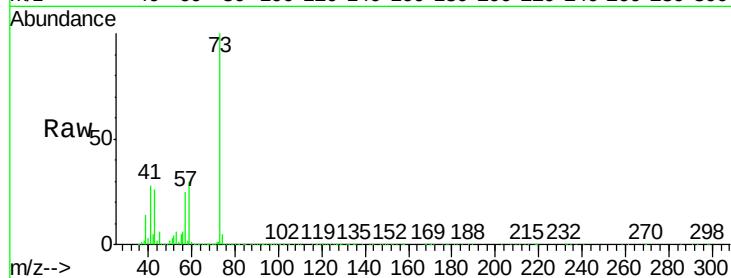
#11
Tert butyl alcohol
Concen: 106.669 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.15 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	62.8	8.1	12.1#

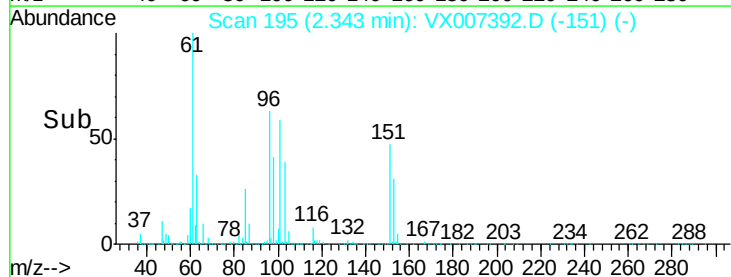
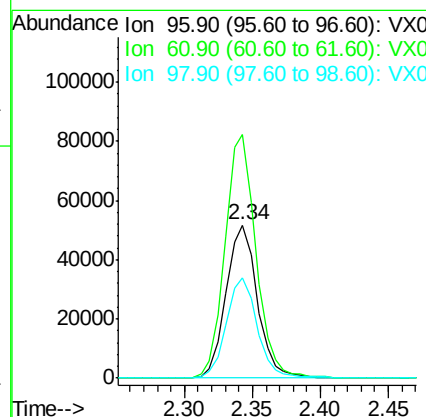
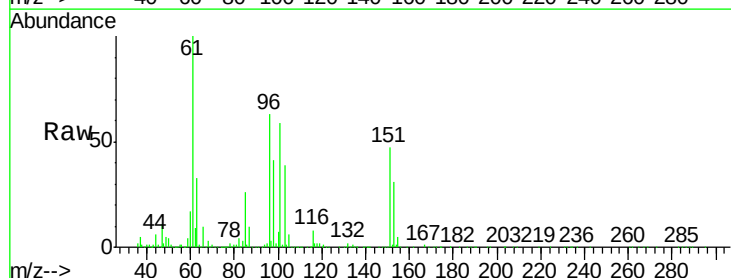
Manual Integrations
APPROVED

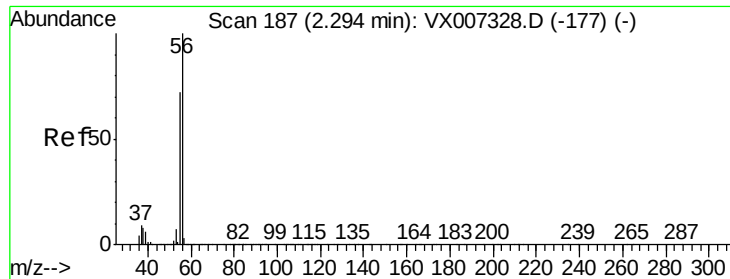
MMDadoda
2/7/2019 9:52:54 AM



#12
1,1-Dichloroethene
Concen: 17.458 ug/l
RT: 2.34 min Scan# 195
Delta R.T. -0.03 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	123.0	184.4
98	65.2	50.9	76.3





#13

Acrolein

Concen: 88.906 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 56 Resp: 45111

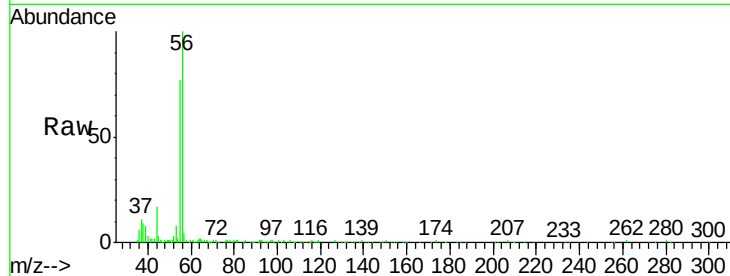
Ion Ratio Lower Upper

56 100

55 70.4 56.9 85.3

Manual Integrations
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2/7/2019 9:52:54 AM

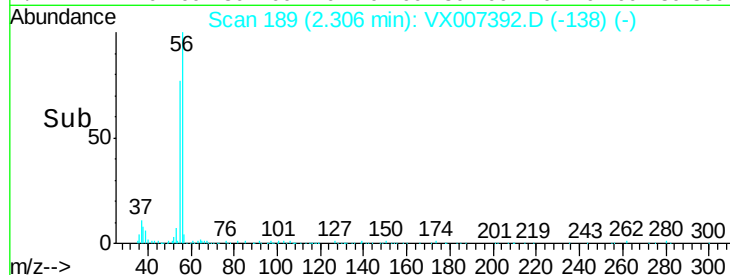


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

Time-->



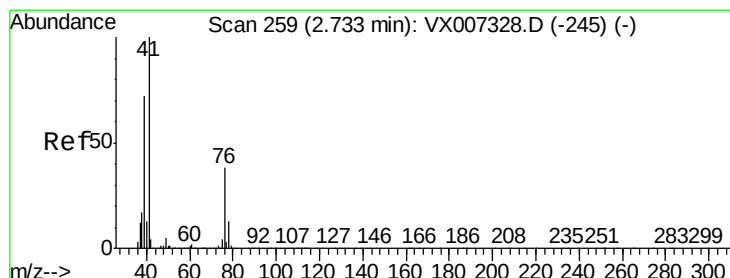
Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.31

Time-->



#14

Allyl chloride

Concen: 17.980 ug/l

RT: 2.71 min Scan# 255

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

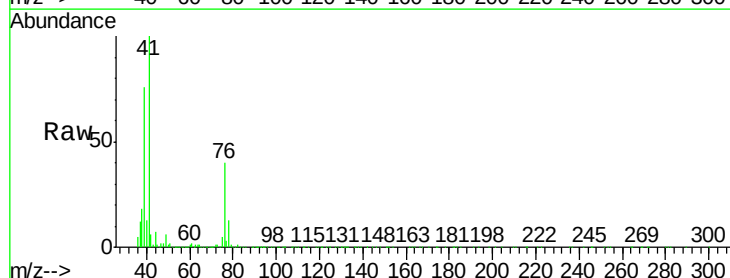
Tgt Ion: 41 Resp: 137789

Ion Ratio Lower Upper

41 100

39 67.5 54.1 81.1

76 33.0 27.8 41.8



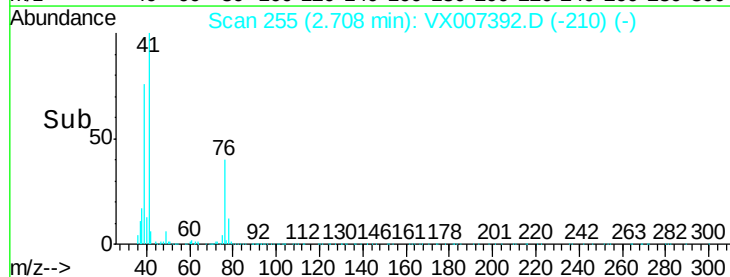
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

Time-->



Abundance

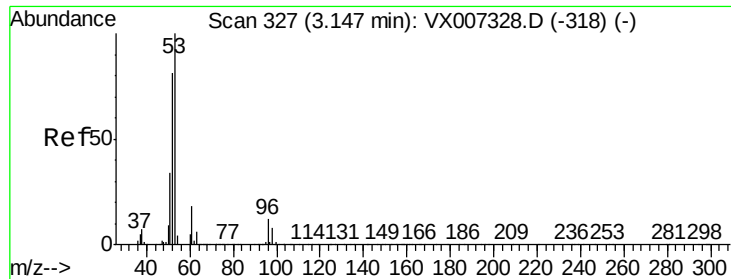
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.71

Time-->



#15

Acrylonitrile

Concen: 91.730 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

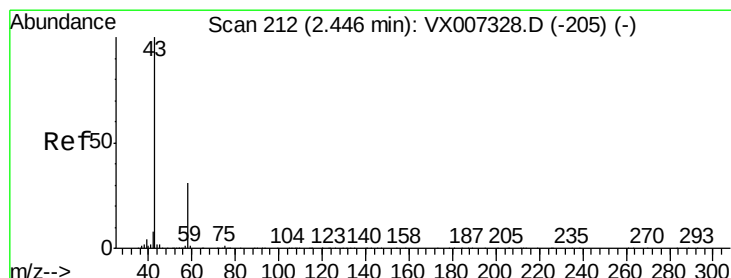
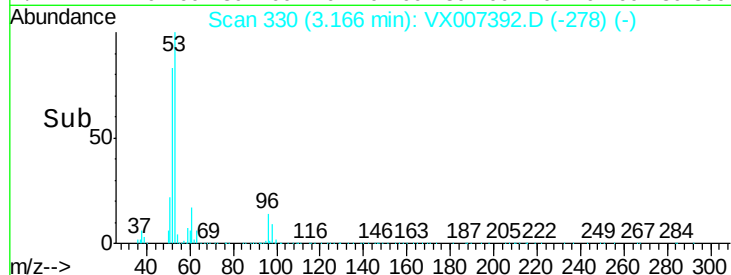
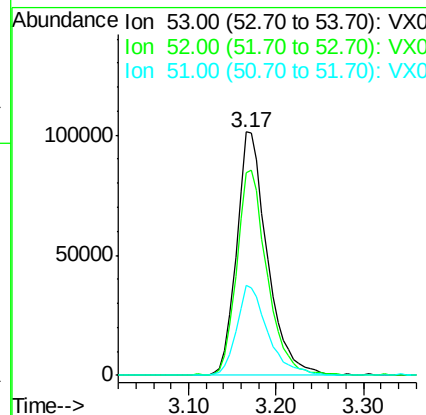
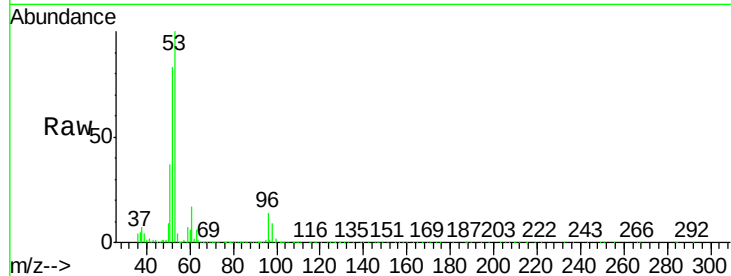
ClientSampleId :

VX0206WBS01

Tot Ion:	53	Resp:	245538
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.4	99.6
51	37.4	28.4	42.6

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 87.570 ug/l

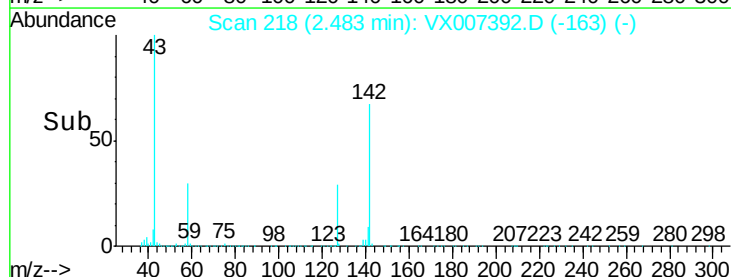
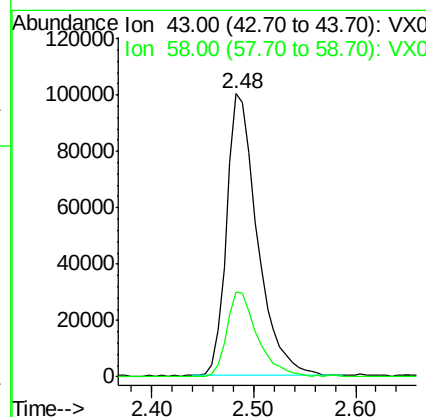
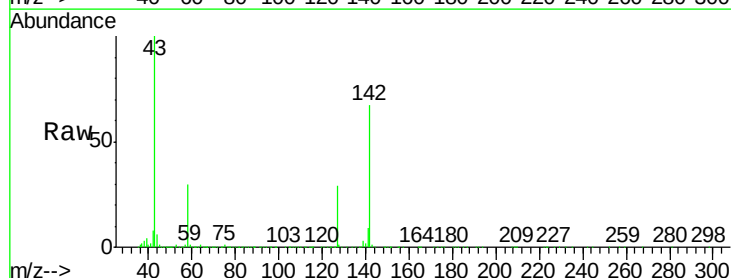
RT: 2.48 min Scan# 218

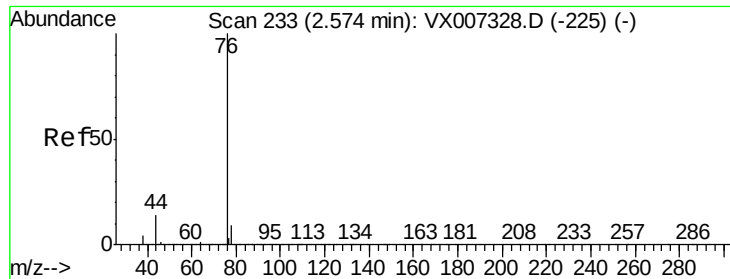
Delta R.T. 0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	43	Resp:	209734
Ion Ratio		Lower	Upper
43	100		
58	30.1	24.9	37.3





#17

Carbon Disulfide

Concen: 16.281 ug/l

RT: 2.53 min Scan# 226

Delta R.T. -0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 76 Resp: 181863

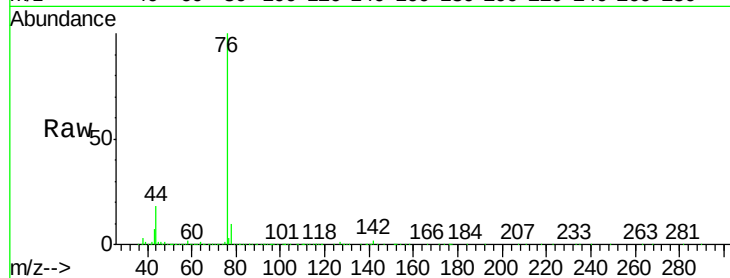
Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.53

120000

100000

80000

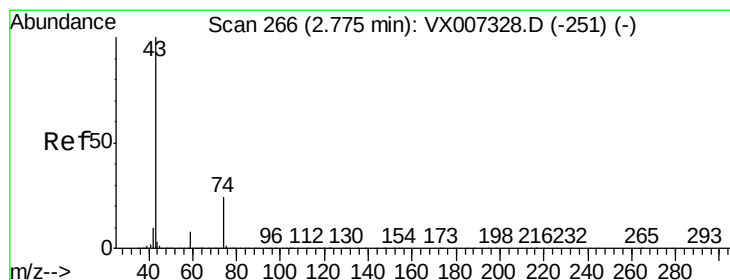
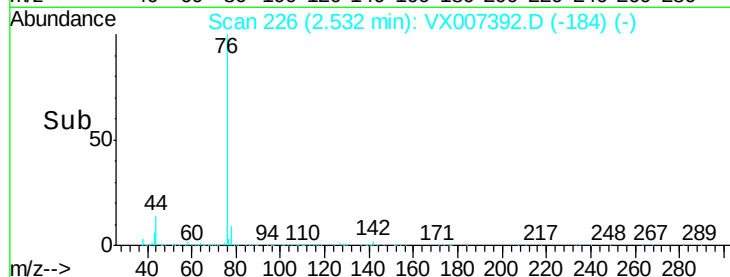
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 22.446 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.02 min

Lab File: VX007392.D

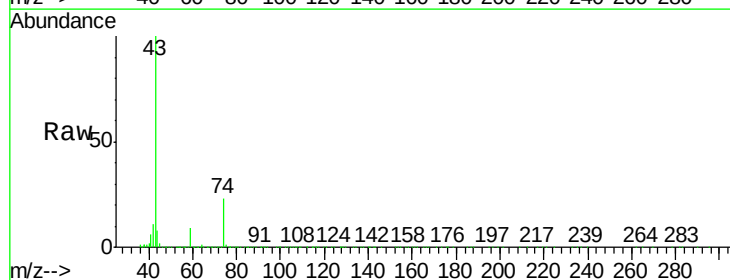
Acq: 06 Feb 2019 11:58

Tgt Ion: 43 Resp: 138005

Ion Ratio Lower Upper

43 100

74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

80000

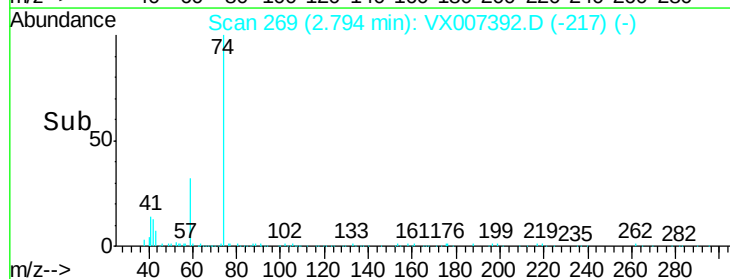
60000

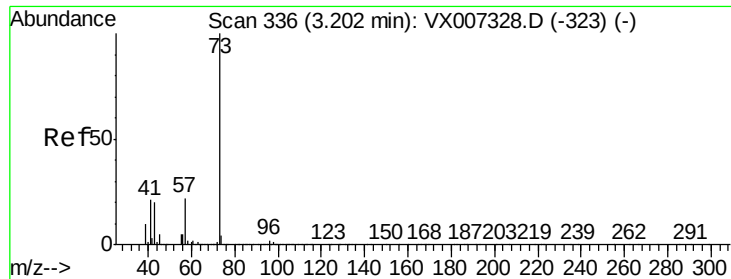
40000

20000

0

Time-->





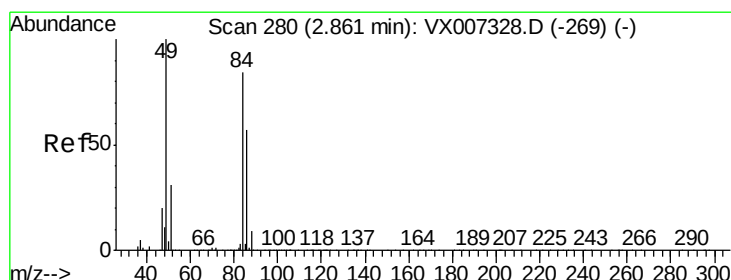
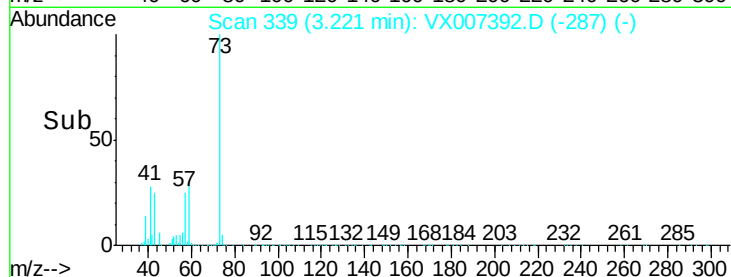
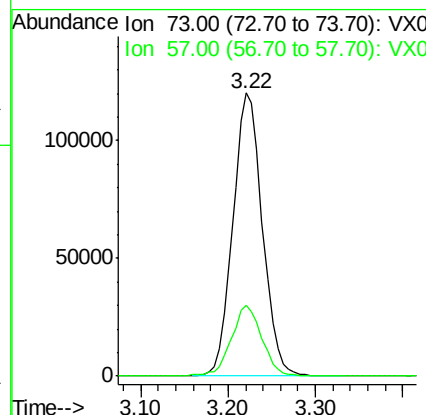
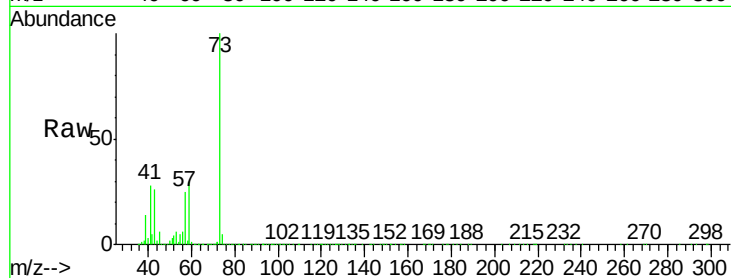
#19
Methyl tert-butyl Ether
Concen: 18.494 ug/l
RT: 3.22 min Scan# 339
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.9	17.8	26.8

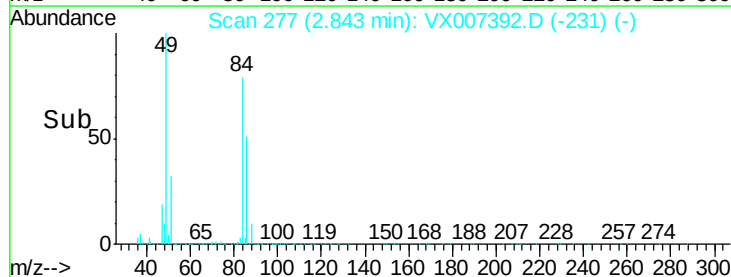
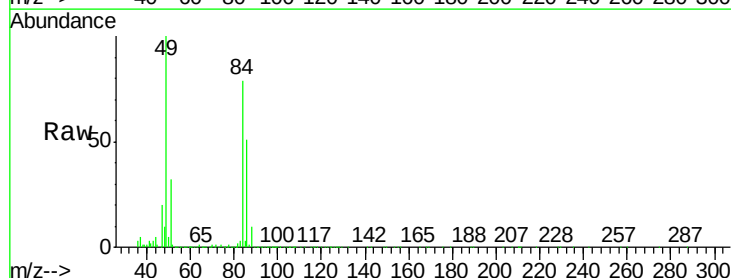
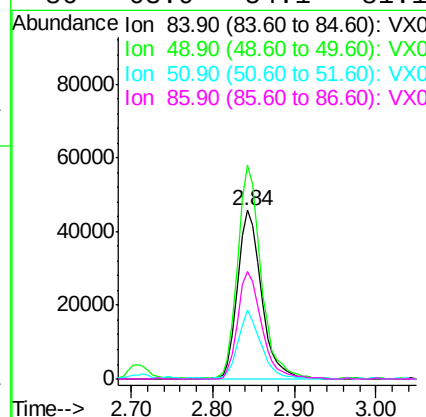
Manual Integrations
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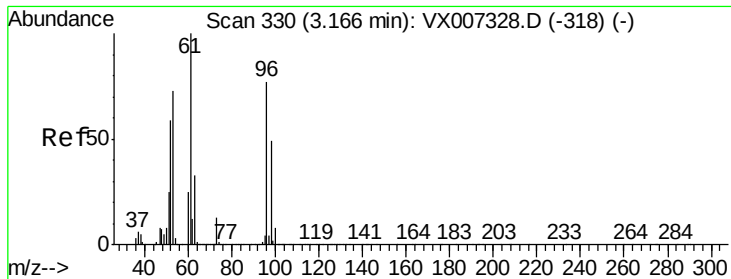
MMDadoda
2/7/2019 9:52:54 AM



#20
Methylene Chloride
Concen: 18.678 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.5	94.8	142.2
51	40.5	29.8	44.8
86	63.9	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 17.395 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

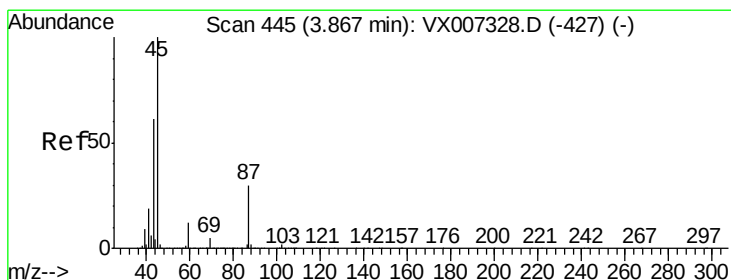
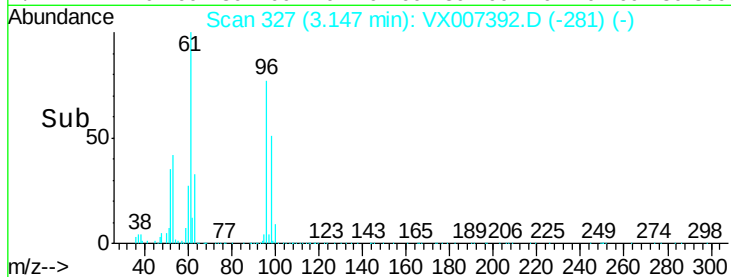
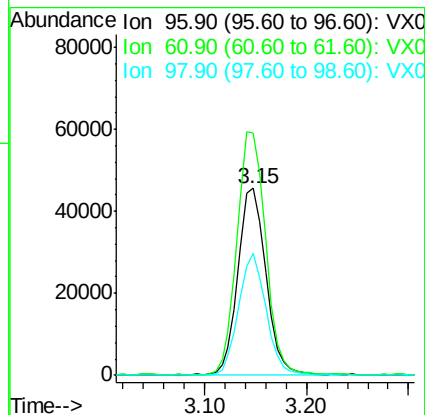
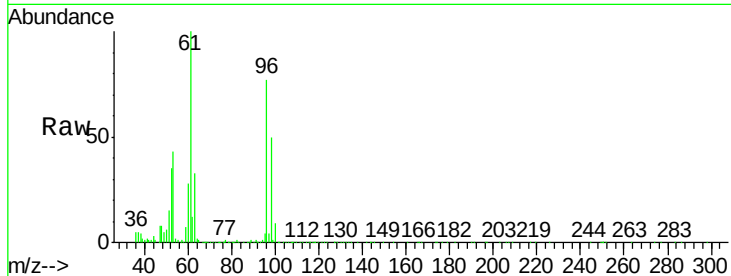
ClientSampleId :

VX0206WBS01

Tot Ion:	96	Resp:	87151
Ion Ratio	Lower	Upper	
96	100		
61	129.3	104.6	156.8
98	65.5	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.095 ug/l

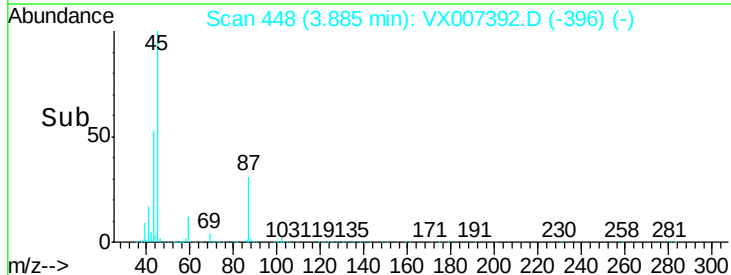
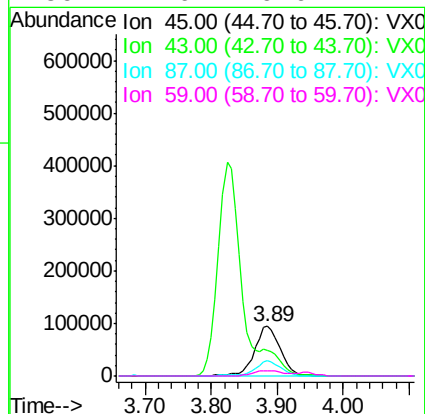
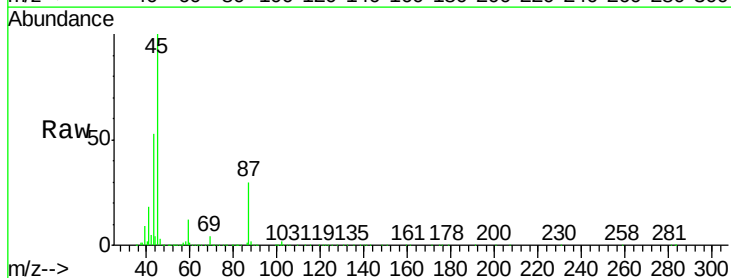
RT: 3.89 min Scan# 448

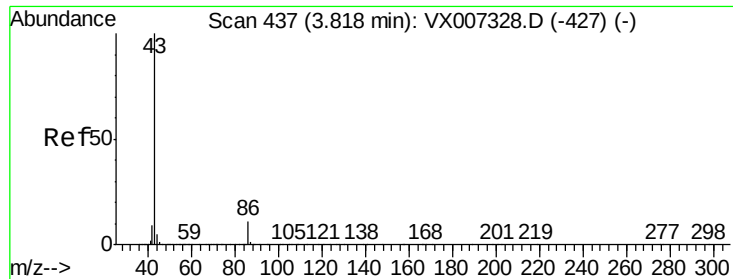
Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	45	Resp:	255079
Ion Ratio	Lower	Upper	
45	100		
43	52.6	48.9	73.3
87	30.5	23.9	35.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 80.649 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 43 Resp: 943399

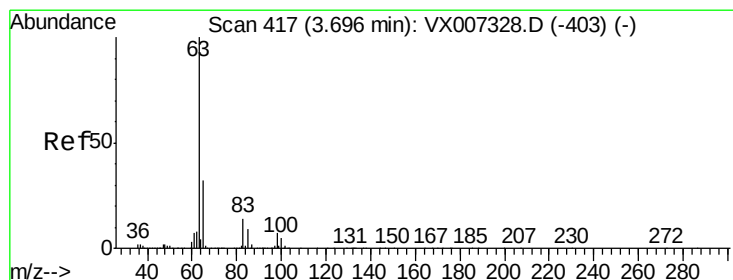
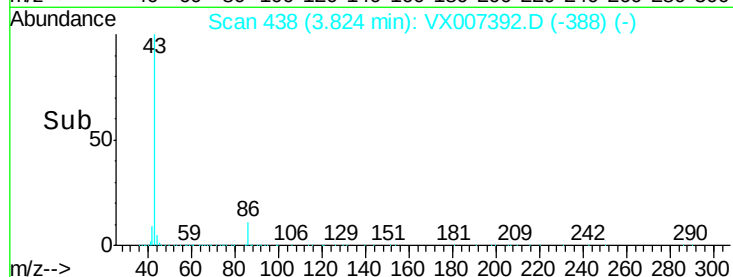
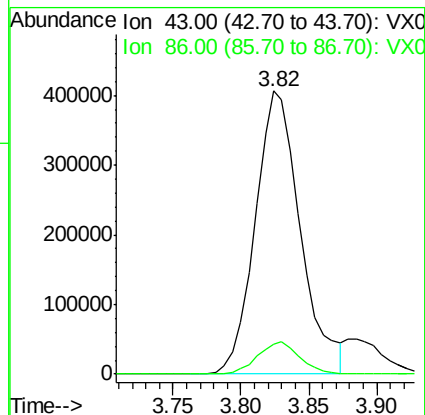
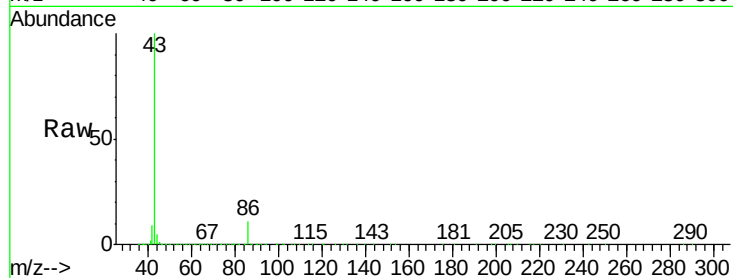
Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.617 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

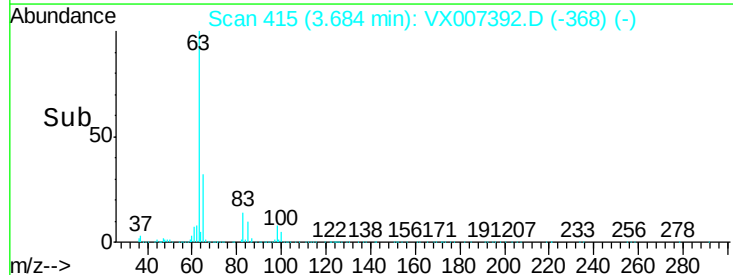
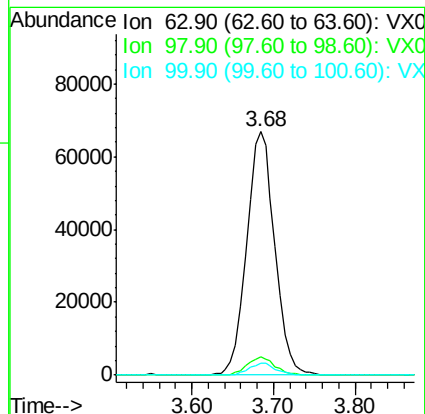
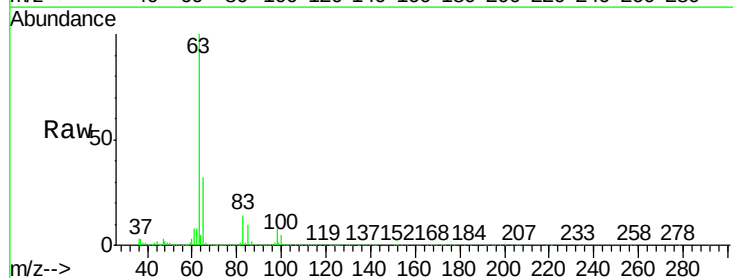
Tgt Ion: 63 Resp: 158808

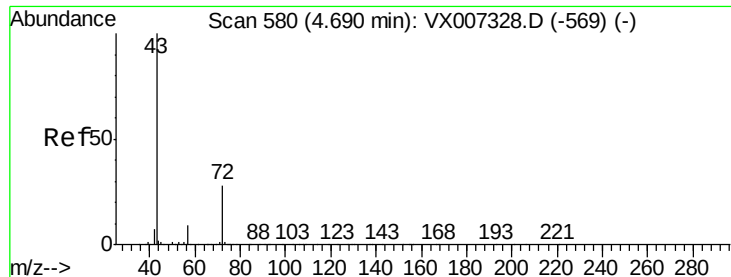
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 5.2 2.5 7.4





#25

2-Butanone

Concen: 88.158 ug/l

RT: 4.73 min Scan# 586

Delta R.T. 0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 43 Resp: 300481

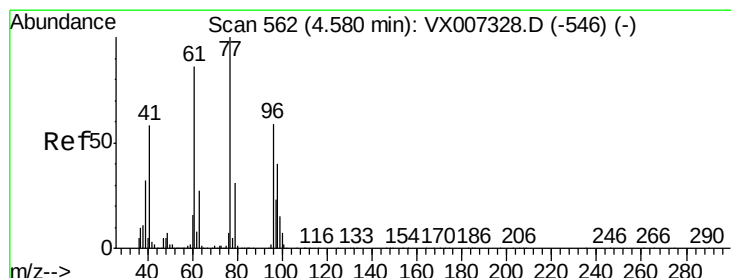
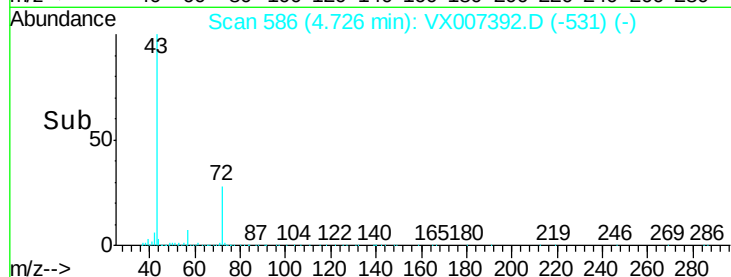
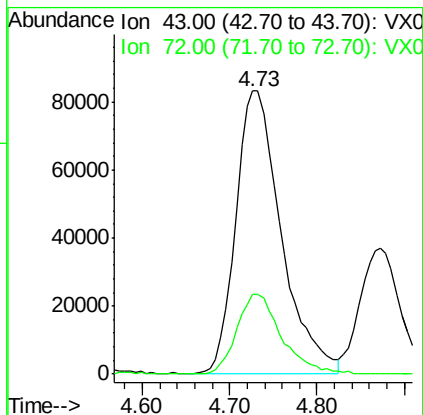
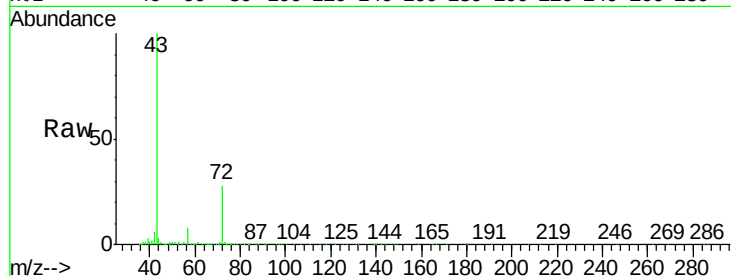
Ion Ratio Lower Upper

43 100

72 28.1 22.2 33.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.862 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX007392.D

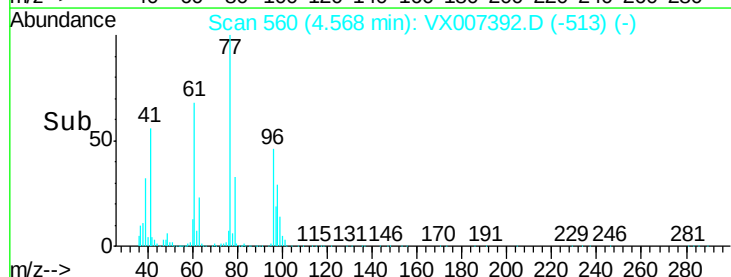
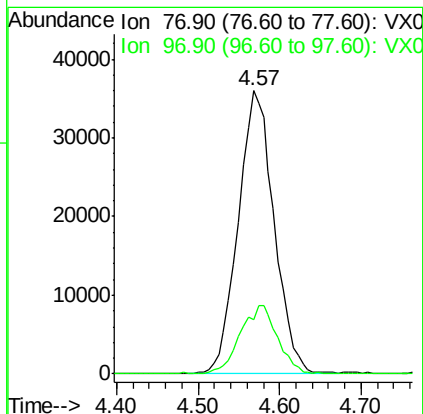
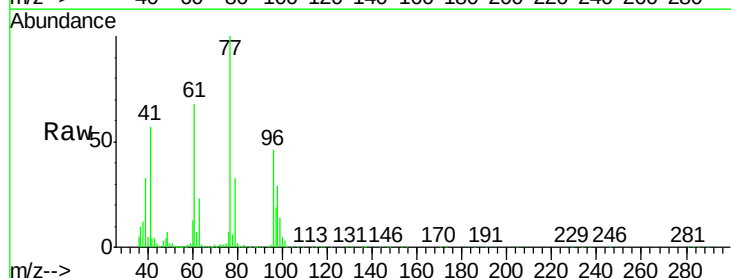
Acq: 06 Feb 2019 11:58

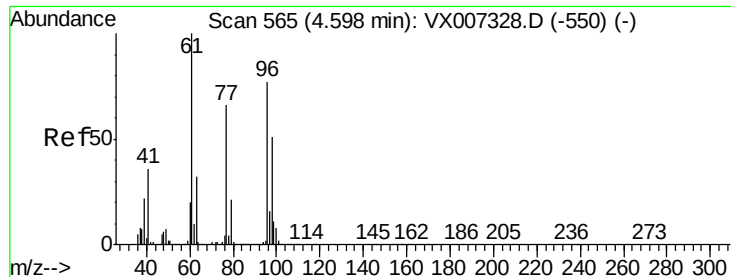
Tgt Ion: 77 Resp: 110117

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3





#27

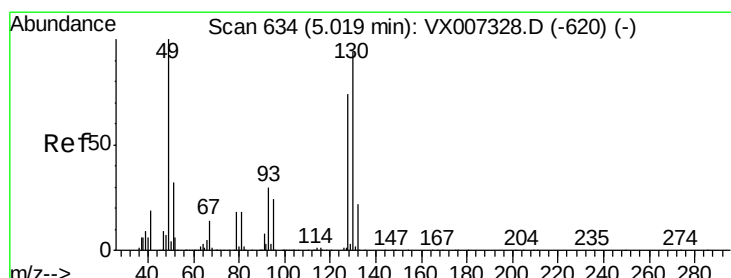
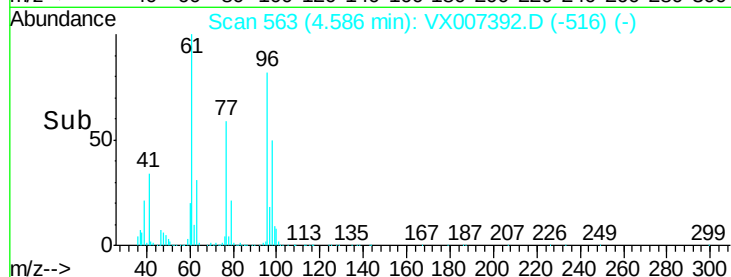
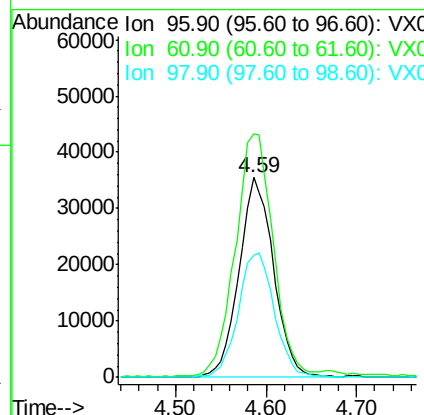
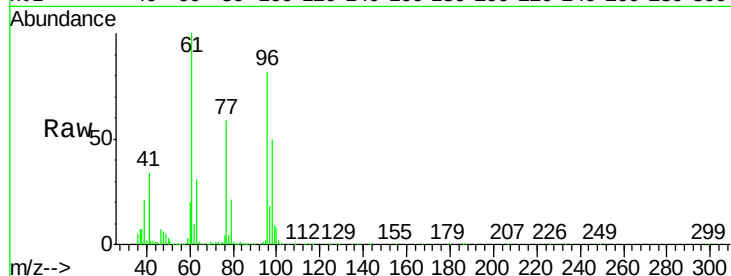
cis-1,2-Dichloroethene
Concen: 17.141 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	265.6
98	65.6	0.0	131.6

Manual Integrations
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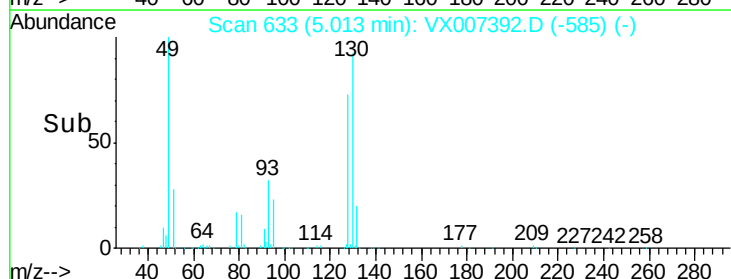
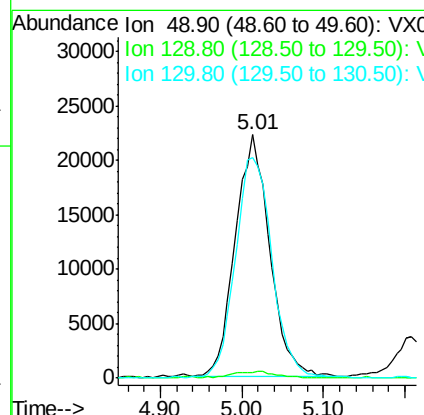
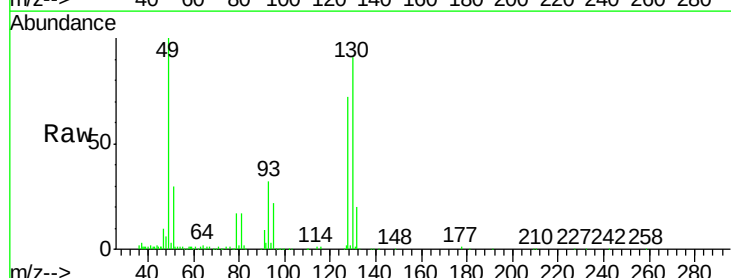
MMDadoda
2/7/2019 9:52:54 AM

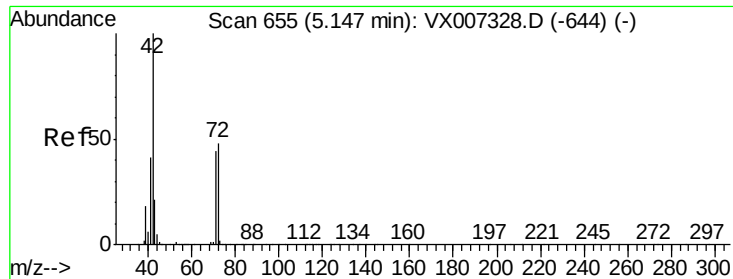


#28

Bromochloromethane
Concen: 17.484 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.5	0.0	5.6
130	95.9	75.6	113.4





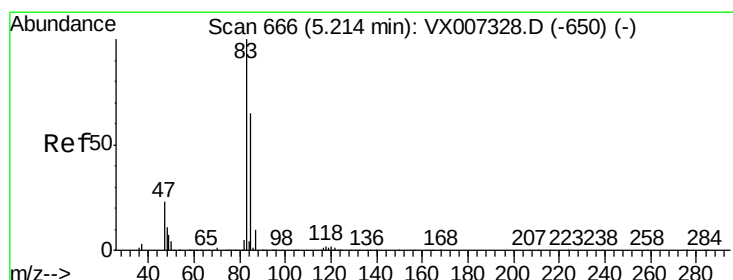
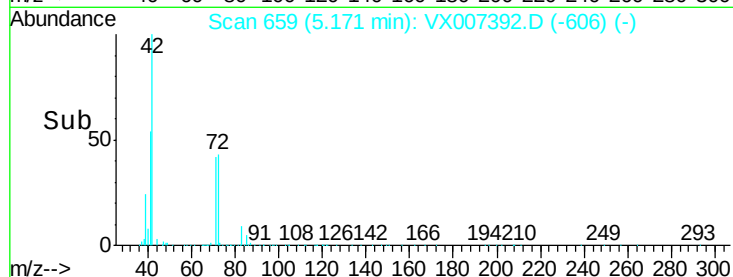
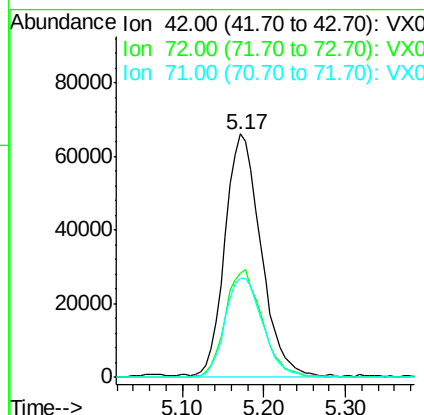
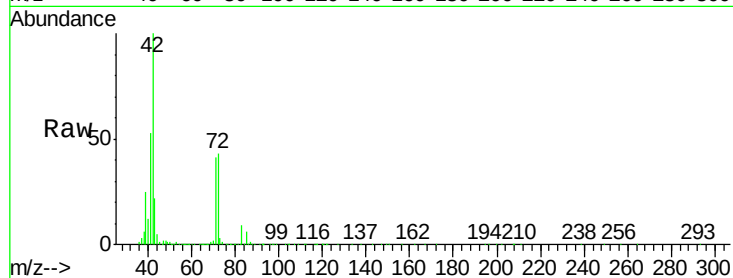
#29
Tetrahydrofuran
Concen: 93.553 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.6	56.4
71	43.5	34.6	51.8

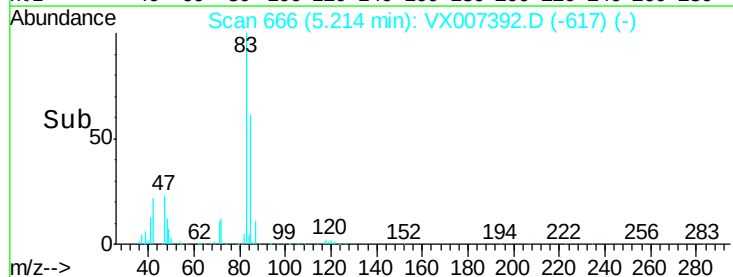
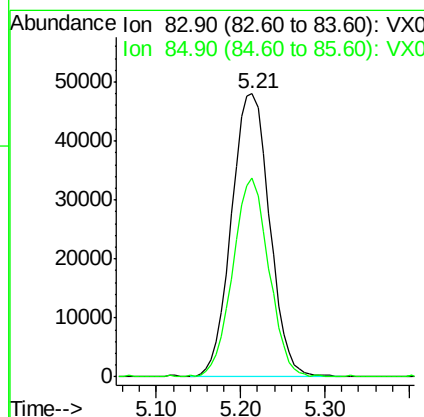
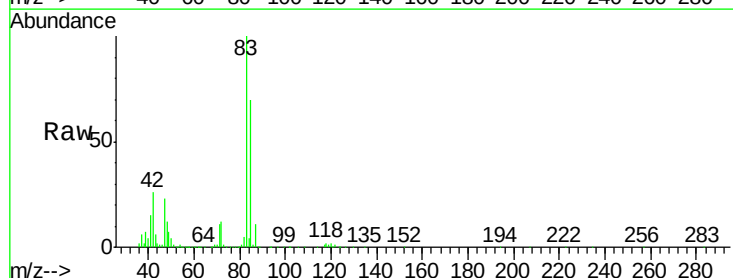
Manual Integrations
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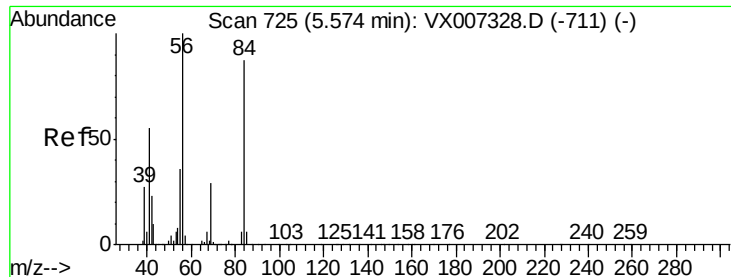
MMDadoda
2/7/2019 9:52:54 AM



#30
Chloroform
Concen: 17.342 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.3	51.6	77.4





#31

Cyclohexane

Concen: 18.286 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

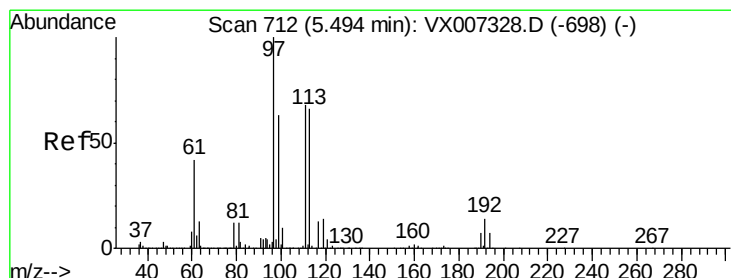
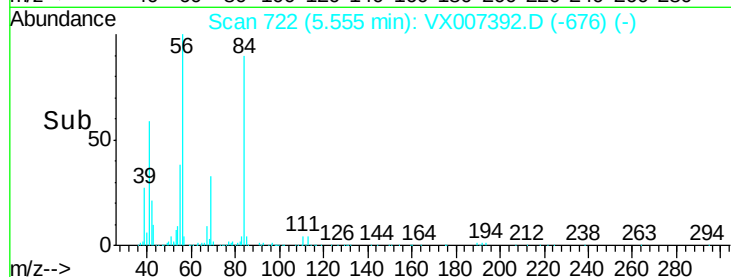
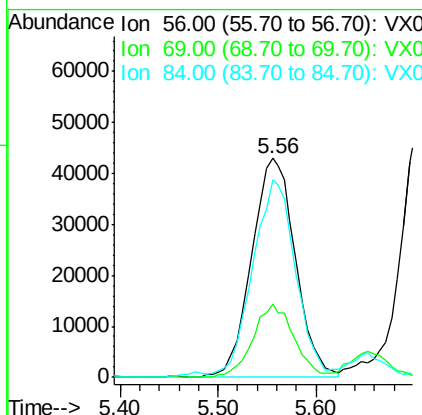
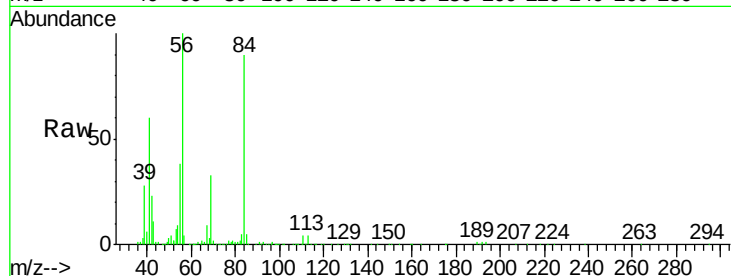
ClientSampleId :

VX0206WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	33.3	23.0	34.6	
84	89.0	69.8	104.6	

Manual Integrations
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2/7/2019 9:52:54 AM



#32

1,1,1-Trichloroethane

Concen: 17.871 ug/l

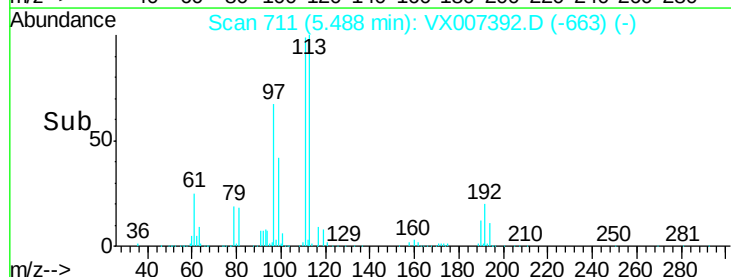
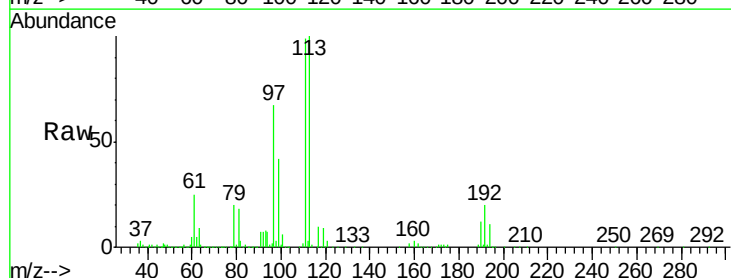
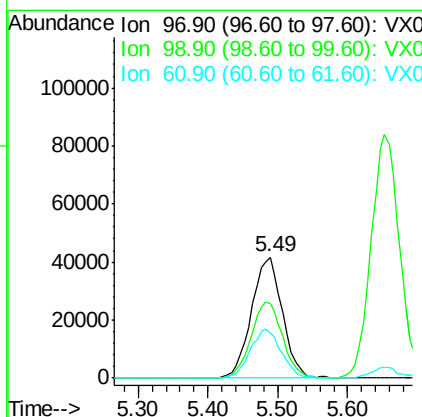
RT: 5.49 min Scan# 711

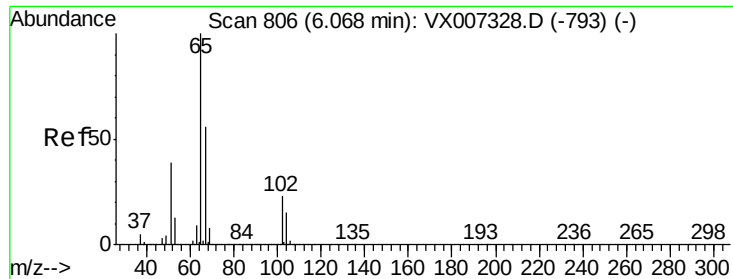
Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	52.2	78.2	
61	40.3	32.7	49.1	





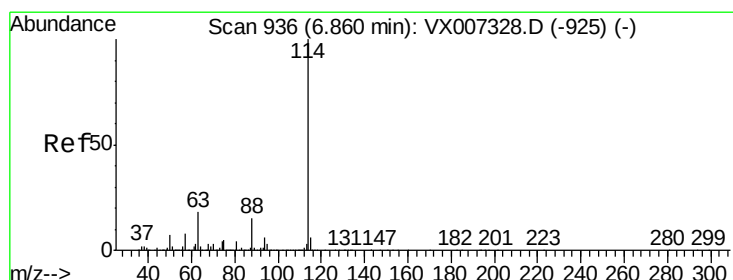
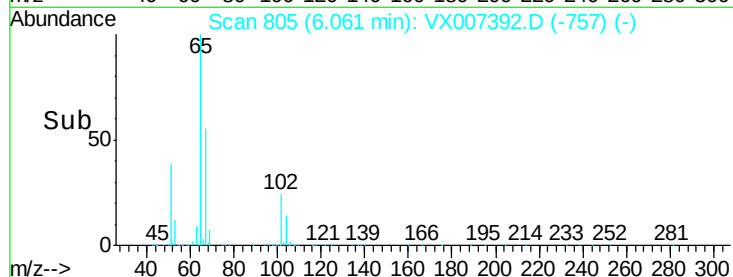
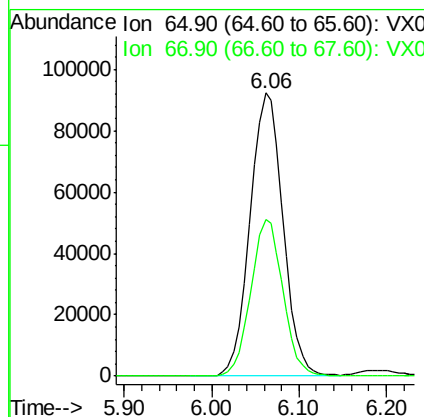
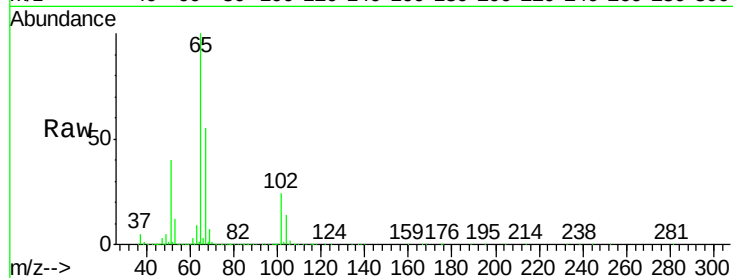
#33
 1,2-Dichloroethane-d4
 Concen: 46.332 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	242250		
67	53.6	0.0	108.8	

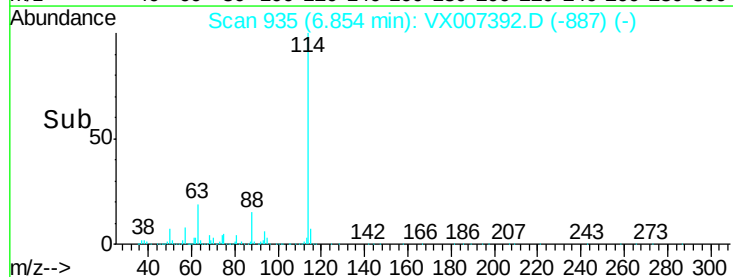
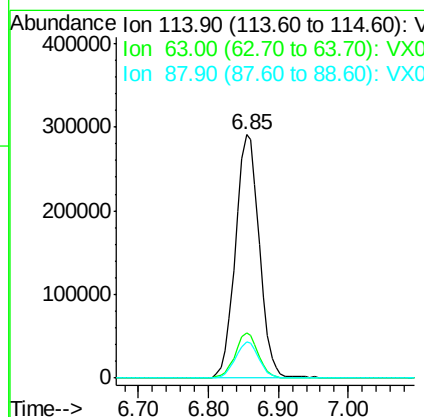
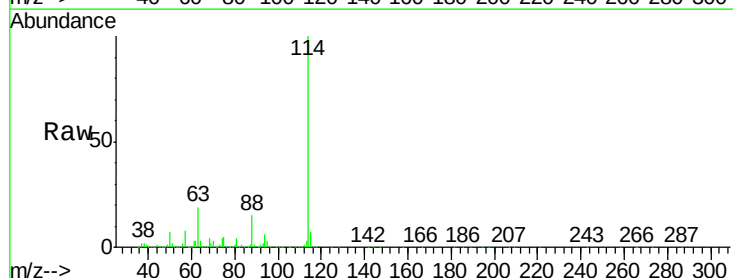
Manual Integrations
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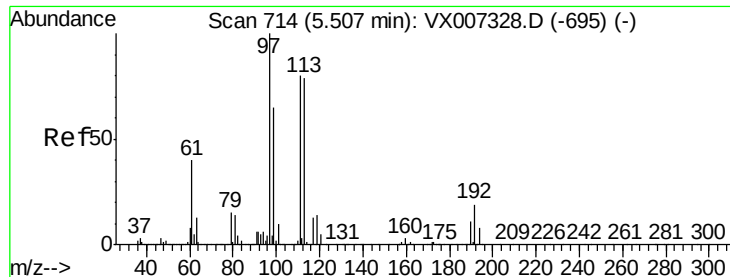
MMDadoda
 2/7/2019 9:52:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	691753		
63	18.7	0.0	35.6	
88	15.0	0.0	29.6	





#35

Dibromofluoromethane

Concen: 47.236 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

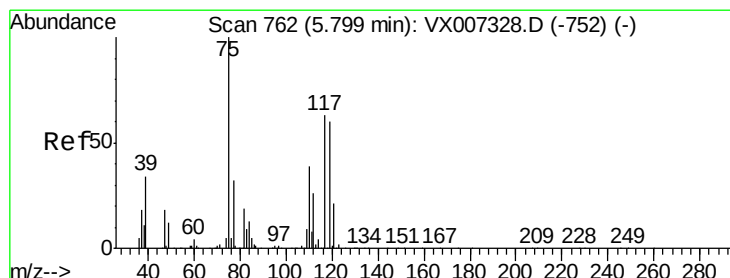
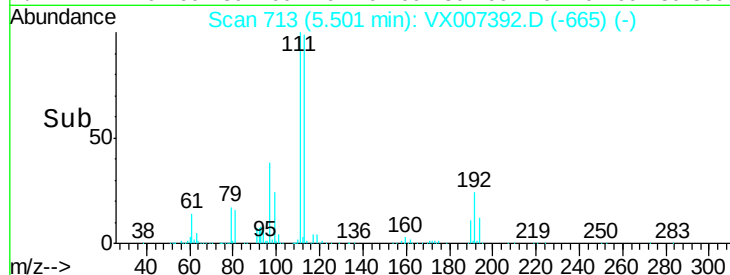
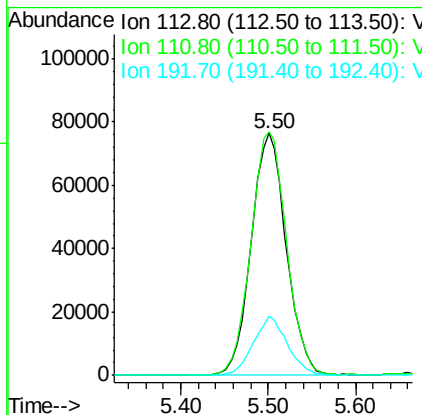
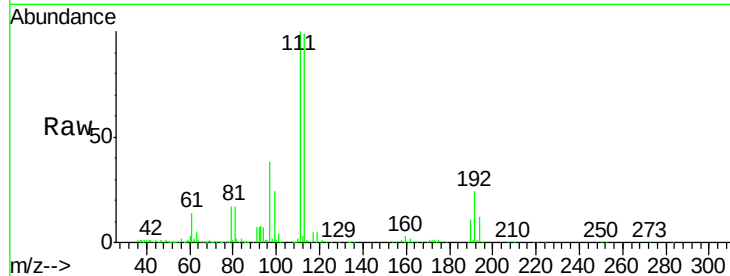
ClientSampled :

VX0206WBS01

Tot Ion:	113	Resp:	212611
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.8	122.8
192	23.6	18.5	27.7

Manual Integrations
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2/7/2019 9:52:54 AM



#36

1,1-Dichloropropene

Concen: 17.560 ug/l

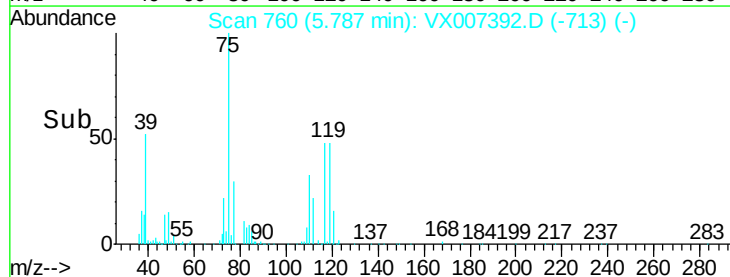
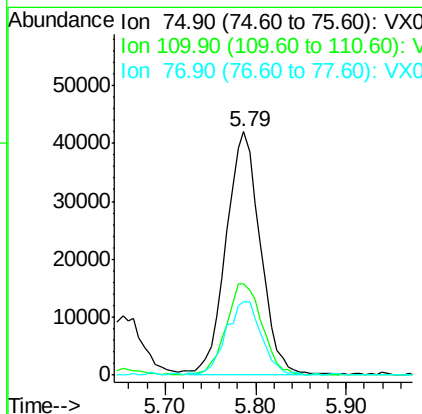
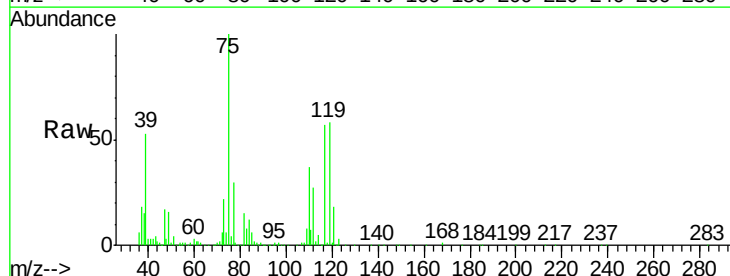
RT: 5.79 min Scan# 760

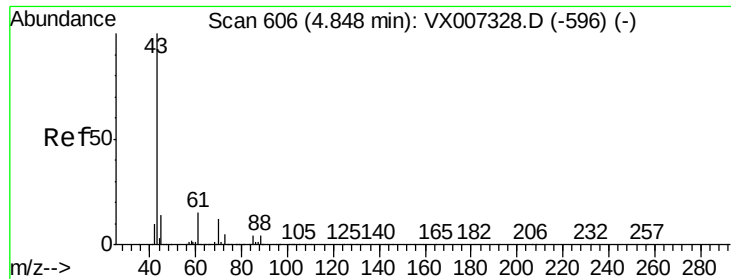
Delta R.T. -0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	75	Resp:	108987
Ion Ratio	Lower	Upper	
75	100		
110	39.6	20.0	59.9
77	31.9	24.7	37.1





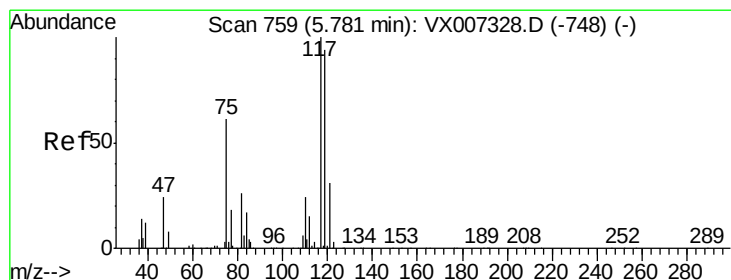
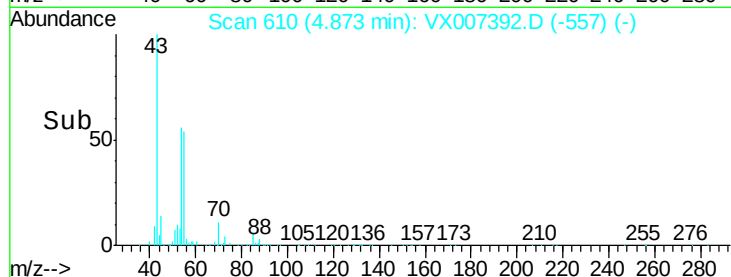
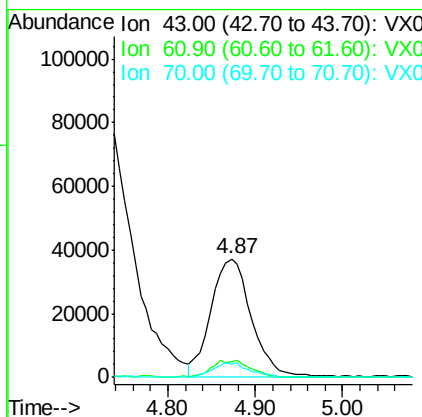
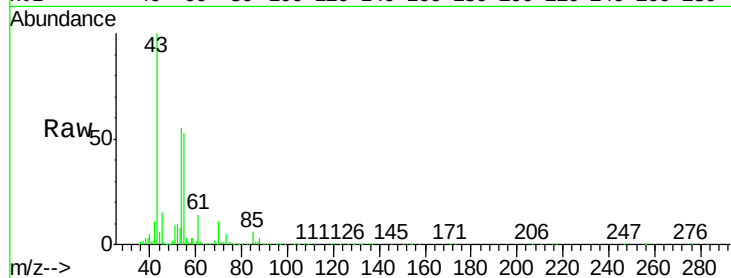
#37
Ethyl Acetate
Concen: 18.784 ug/l
RT: 4.87 min Scan# 610
Delta R.T. 0.02 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion:	43	Resp:	117852
Ion Ratio		Lower	Upper
43	100		
61	13.6	11.3	16.9
70	11.0	8.6	13.0

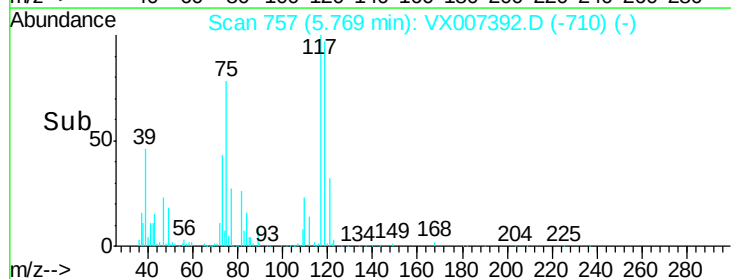
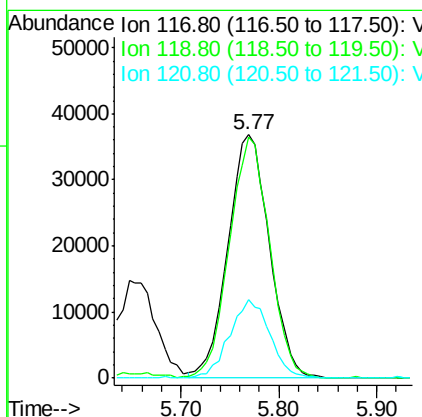
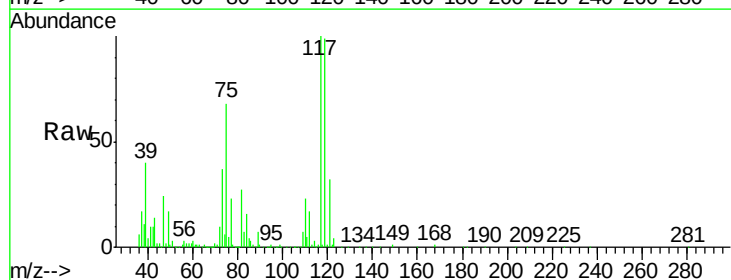
Manual Integrations
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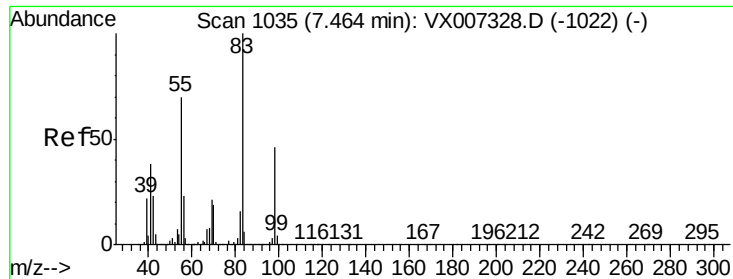
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#38
Carbon Tetrachloride
Concen: 17.870 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion:	117	Resp:	107604
Ion Ratio		Lower	Upper
117	100		
119	99.3	75.3	112.9
121	32.6	25.0	37.4





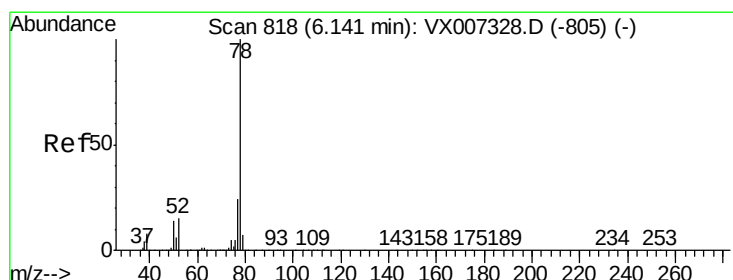
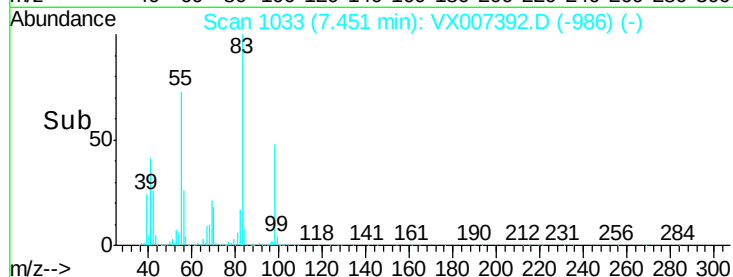
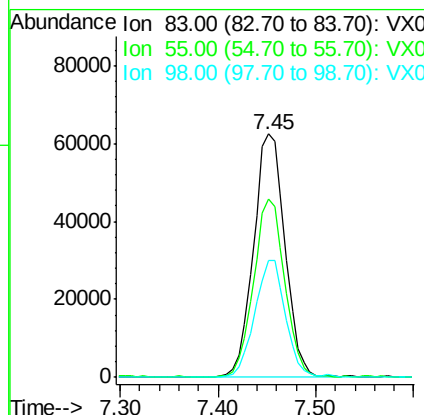
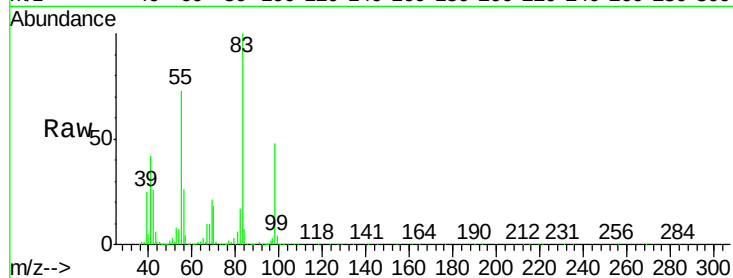
#39
Methylvlcyclohexane
Concen: 18.578 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	83	Resp	139514
Ion Ratio	Lower	Upper	
83	100		
55	73.1	56.2	84.2
98	47.8	36.8	55.2

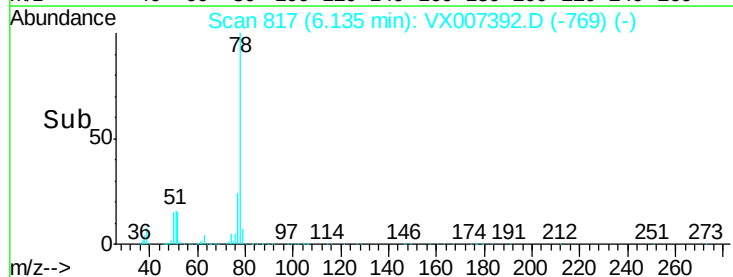
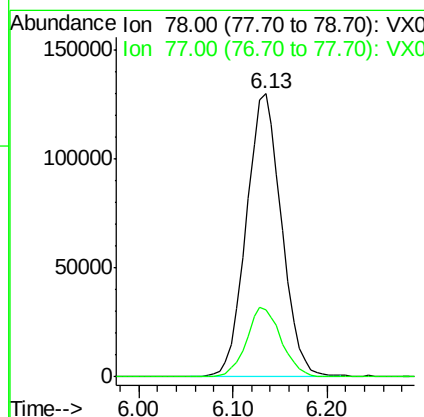
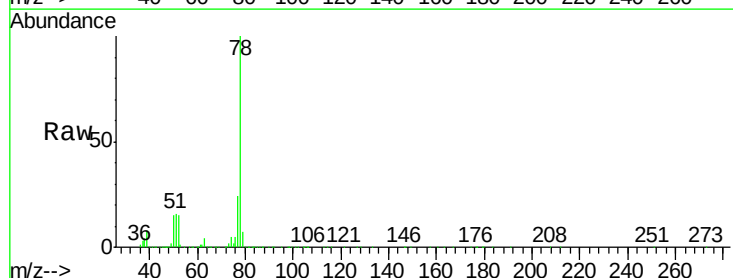
Manual Integrations
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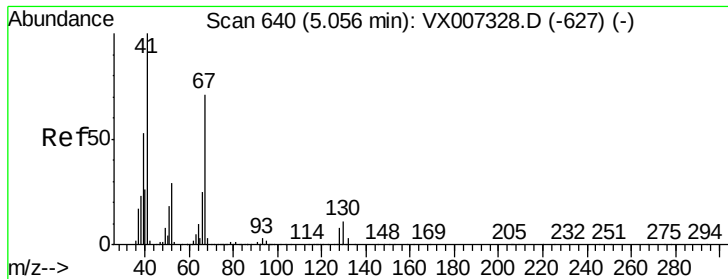
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#40
Benzene
Concen: 18.570 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	78	Resp	339513
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.3	28.9





#41

Methacrylonitrile

Concen: 18.406 ug/l

RT: 5.07 min Scan# 643

Delta R.T. 0.02 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

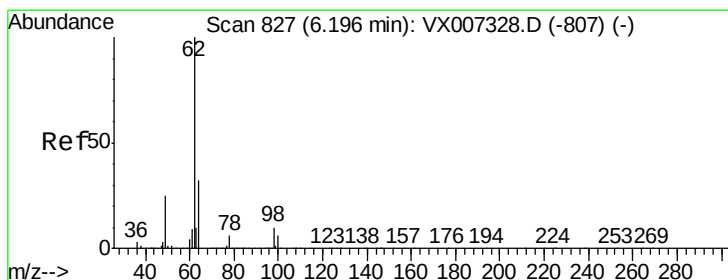
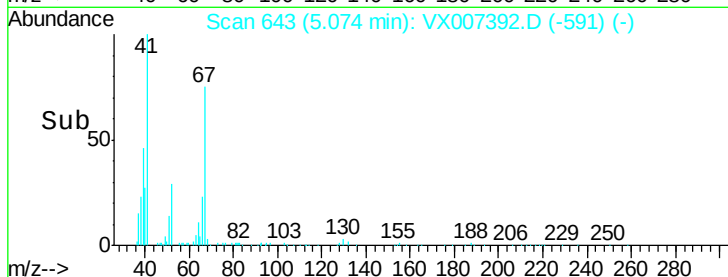
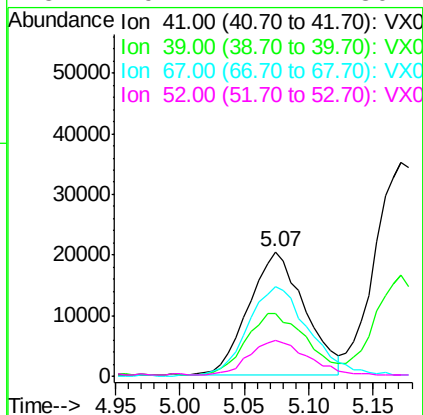
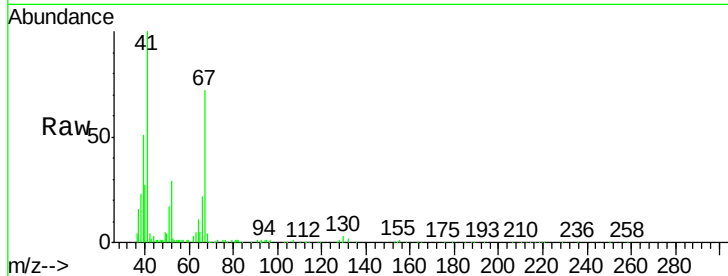
ClientSampled :

VX0206WBS01

Tot Ion:	41	Resp:	61893
Ion Ratio	Lower	Upper	
41	100		
39	55.0	44.5	66.7
67	80.2	60.4	90.6
52	29.4	24.1	36.1

Manual Integrations
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MMDadoda
2/7/2019 9:52:54 AM



#42

1,2-Dichloroethane

Concen: 18.547 ug/l

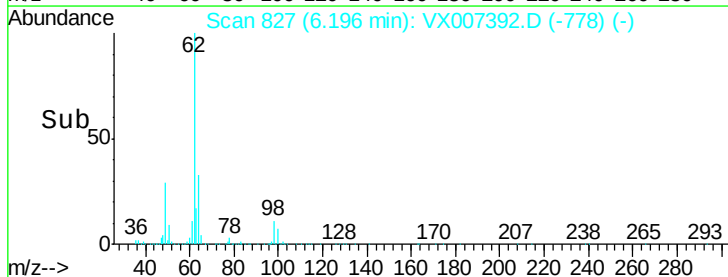
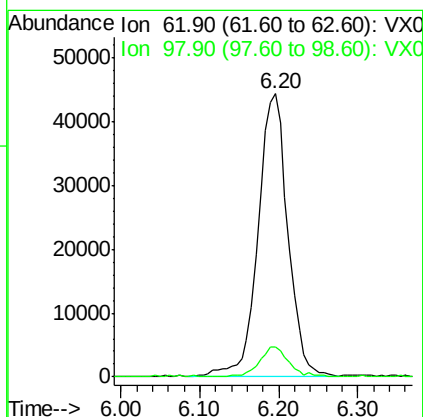
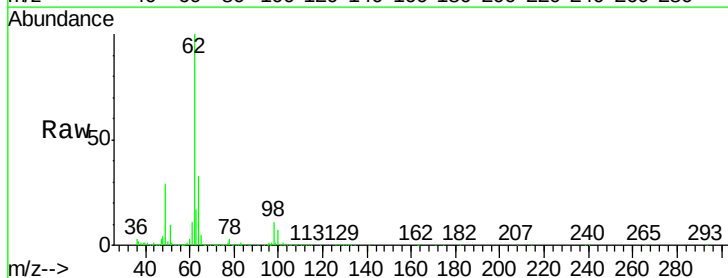
RT: 6.20 min Scan# 827

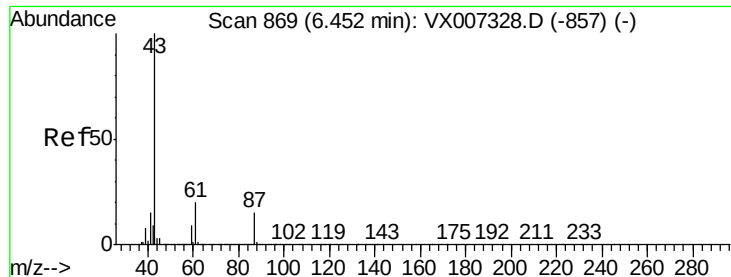
Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	62	Resp:	117325
Ion Ratio	Lower	Upper	
62	100		
98	10.4	0.0	19.0





#43

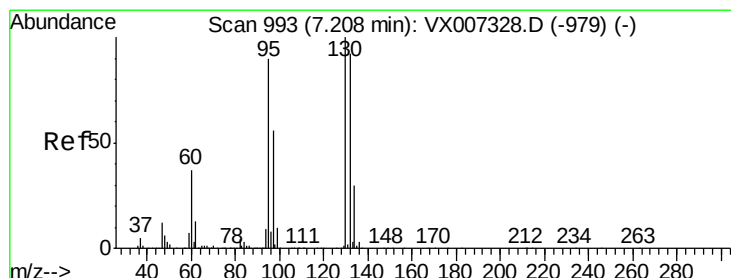
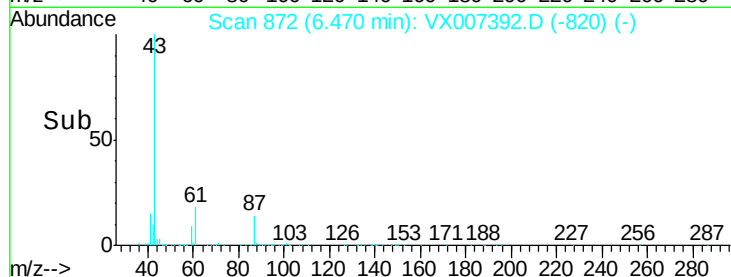
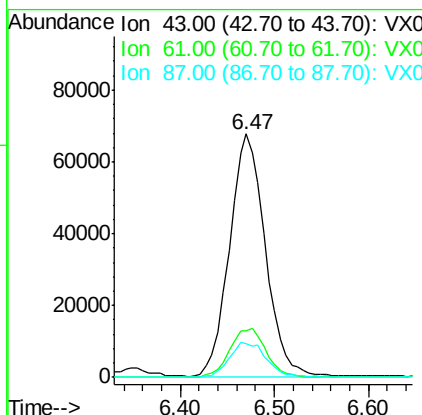
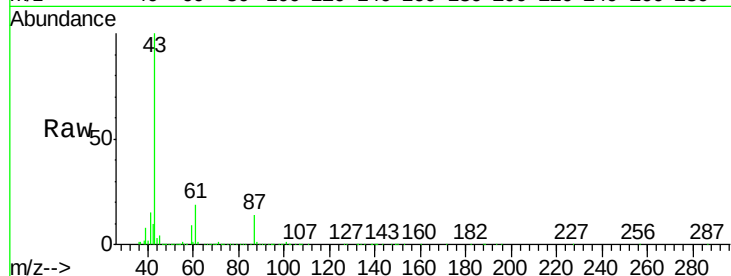
Isopropyl Acetate
 Concen: 18.415 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.02 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	15.1	11.5	17.3

Manual Integrations
 APPROVED

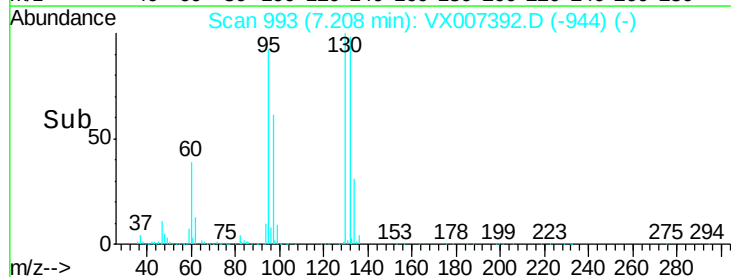
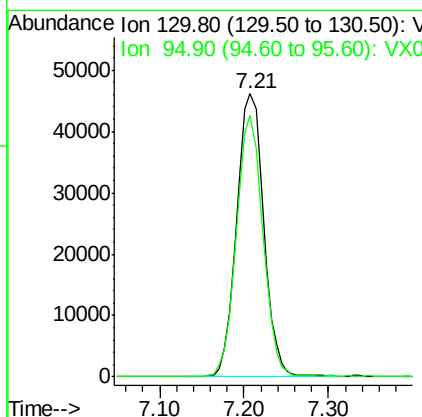
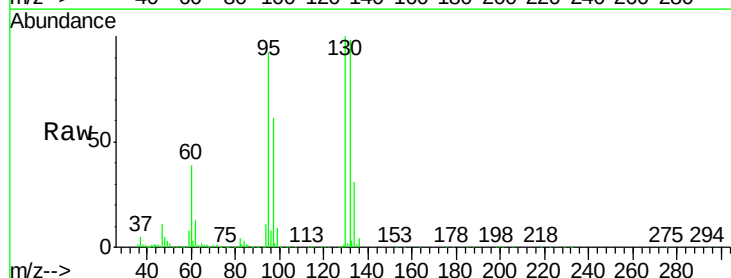
MMDadoda
 2/7/2019 9:52:54 AM

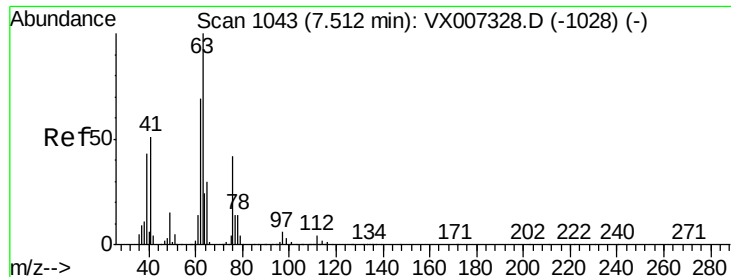


#44

Trichloroethene
 Concen: 18.136 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	180.0





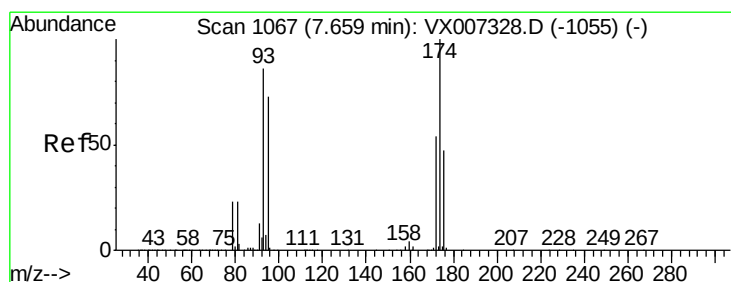
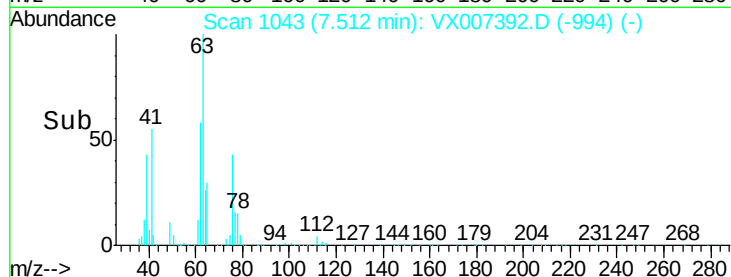
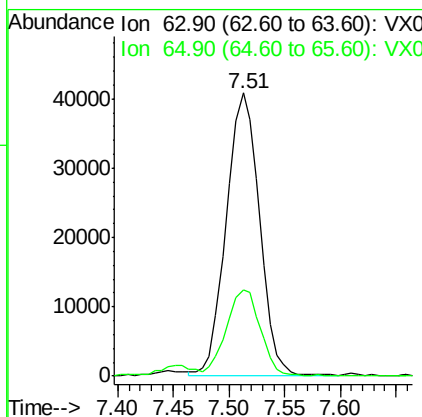
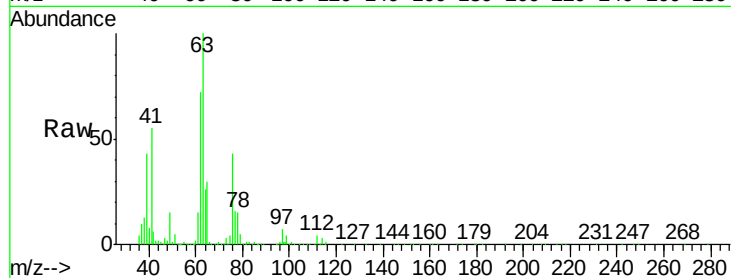
#45
 1,2-Dichloropropane
 Concen: 18.312 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.2	36.2

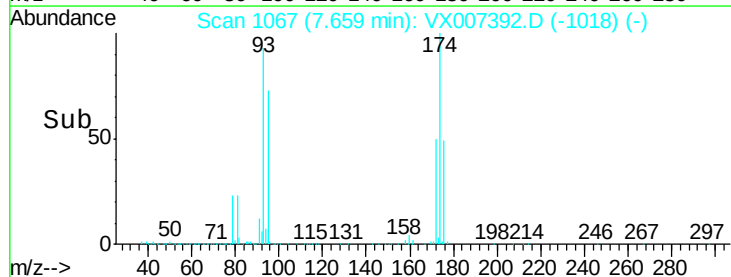
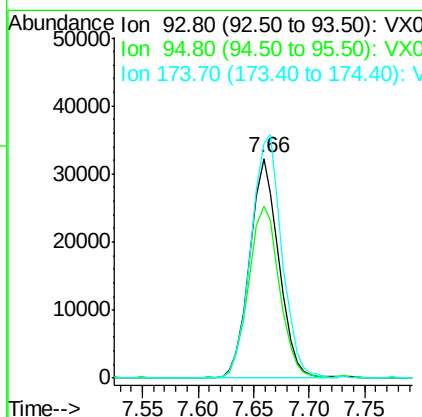
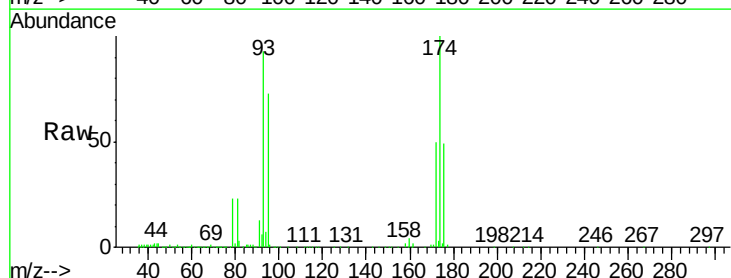
Manual Integrations
 APPROVED

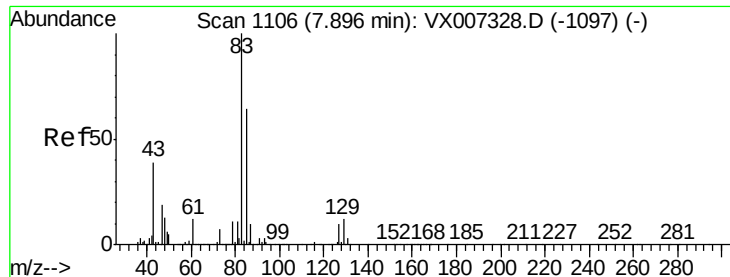
MMDadoda
 2/7/2019 9:52:54 AM



#46
 Dibromomethane
 Concen: 17.771 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.6	101.4
174	116.7	94.2	141.4





#47

Bromodichloromethane

Concen: 16.520 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

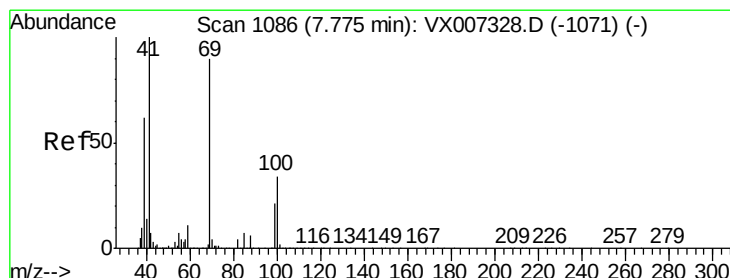
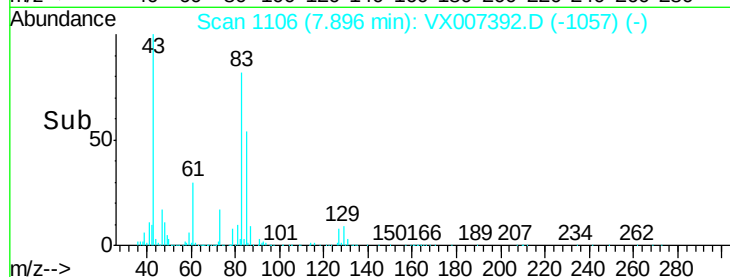
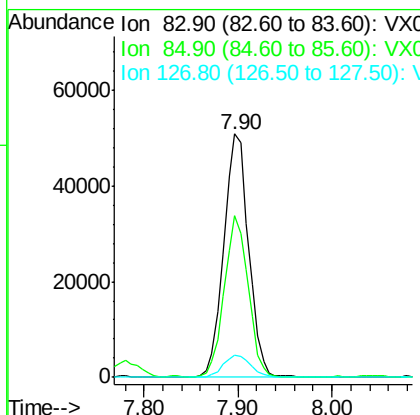
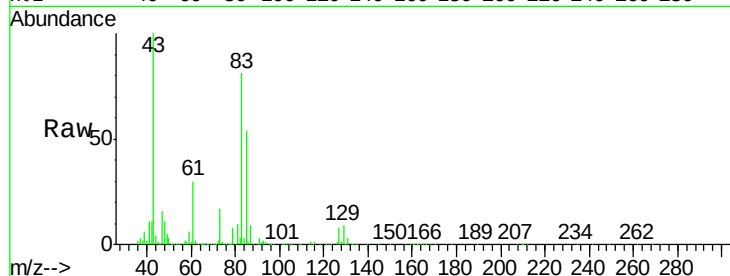
ClientSampleId :

VX0206WBS01

Tot Ion:	83	Resp:	93214
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.4	77.0
127	9.3	8.1	12.1

Manual Integrations
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MMDadoda
2/7/2019 9:52:54 AM



#48

Methyl methacrylate

Concen: 18.603 ug/l

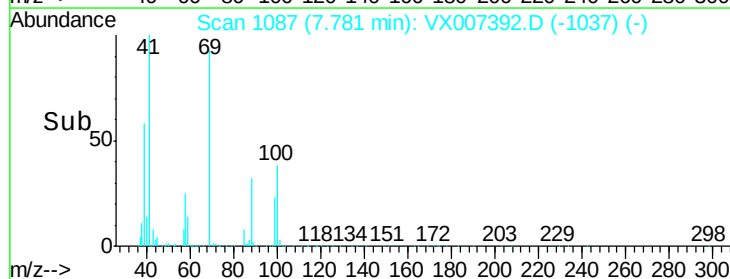
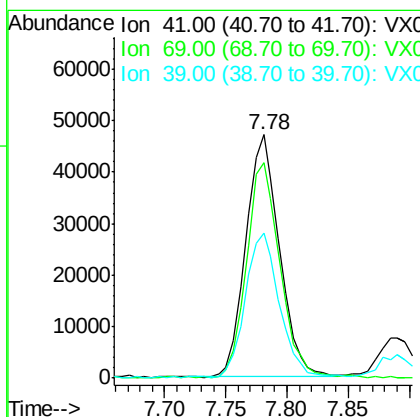
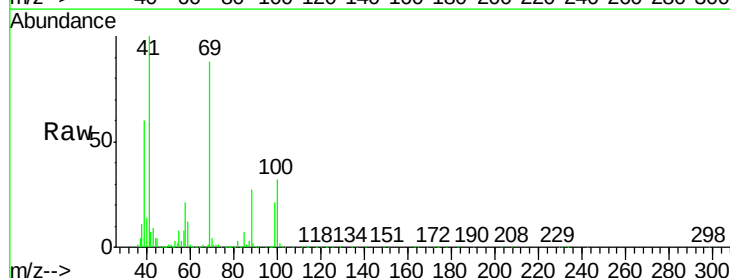
RT: 7.78 min Scan# 1087

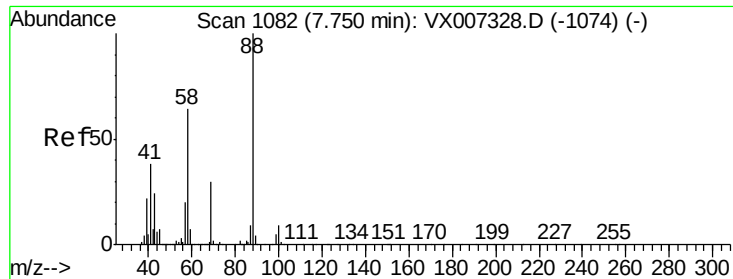
Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	41	Resp:	90116
Ion Ratio	Lower	Upper	
41	100		
69	87.1	70.2	105.4
39	61.9	47.4	71.0





#49

1,4-Dioxane

Concen: 404.515 ug/l

RT: 7.79 min Scan# 1088

Delta R.T. 0.04 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

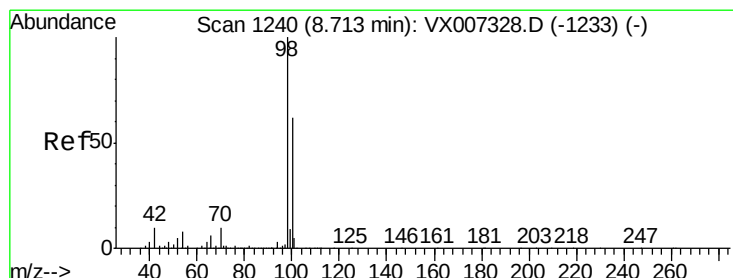
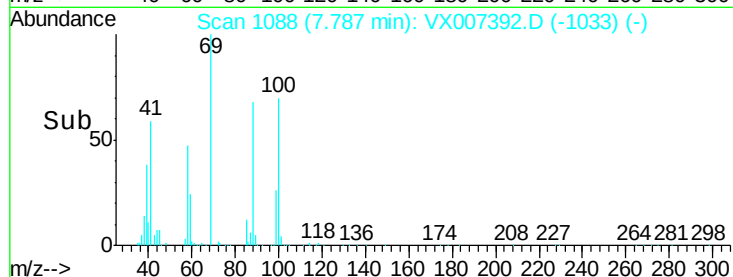
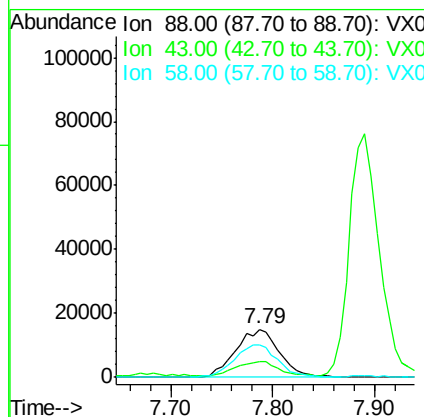
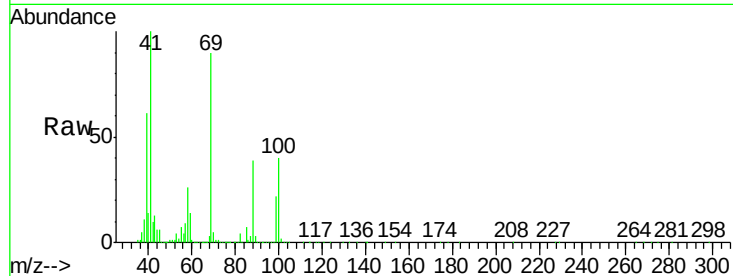
ClientSampleId :

VX0206WBS01

Tot Ion:	88	Resp:	44108
Ion Ratio	Lower	Upper	
88	100		
43	30.3	24.2	36.4
58	68.0	53.0	79.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.770 ug/l

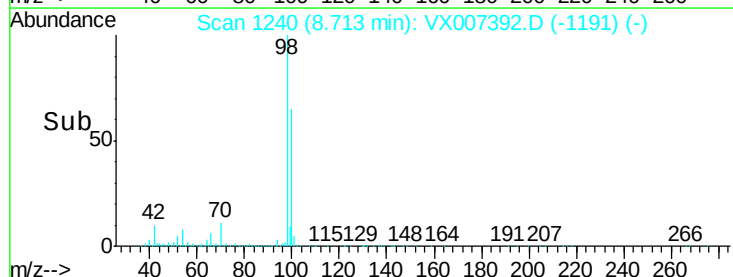
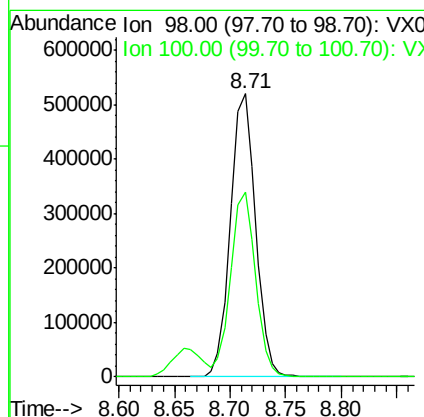
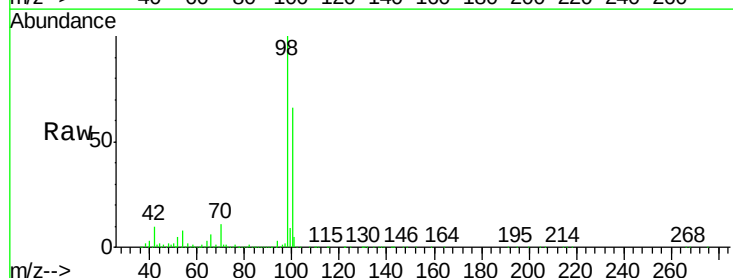
RT: 8.71 min Scan# 1240

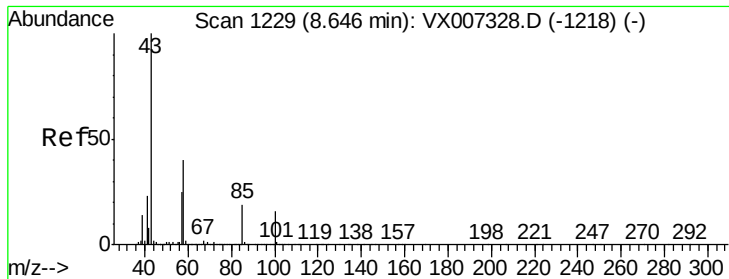
Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	98	Resp:	814425
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 95.937 ug/l

RT: 8.66 min Scan# 1231

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

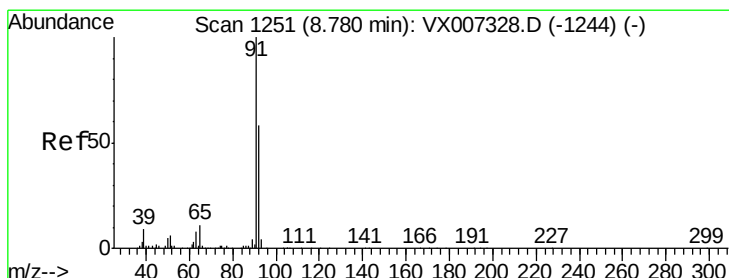
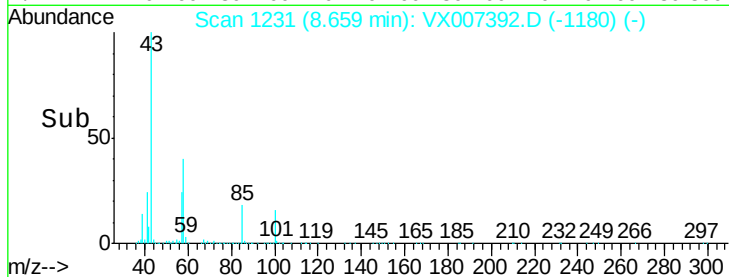
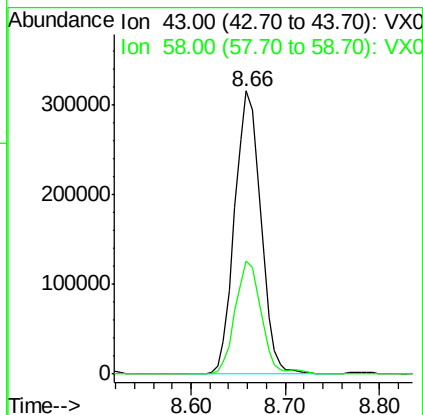
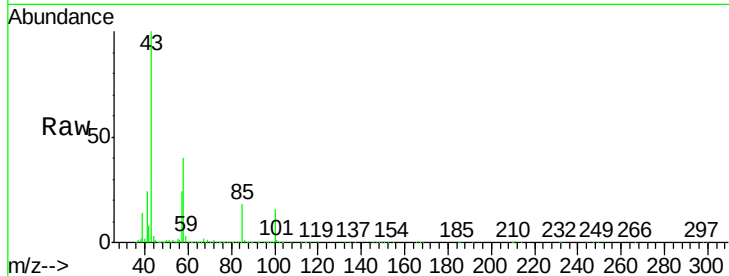
Tot Ion: 43 Resp: 611617
Ion Ratio Lower Upper

43 100

58 40.2 31.2 46.8

Manual Integrations
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2/7/2019 9:52:54 AM



#52

Toluene

Concen: 18.531 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

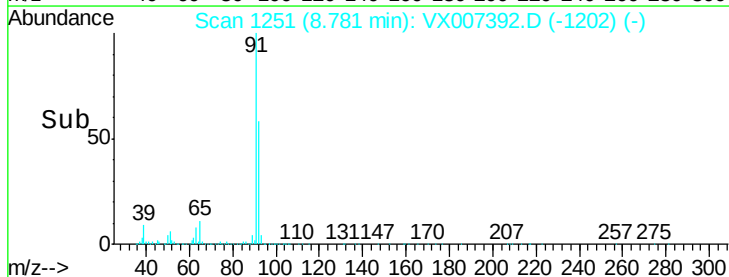
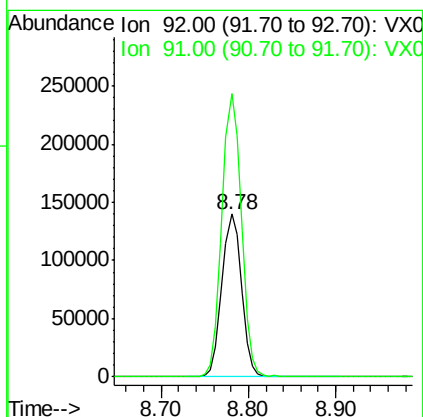
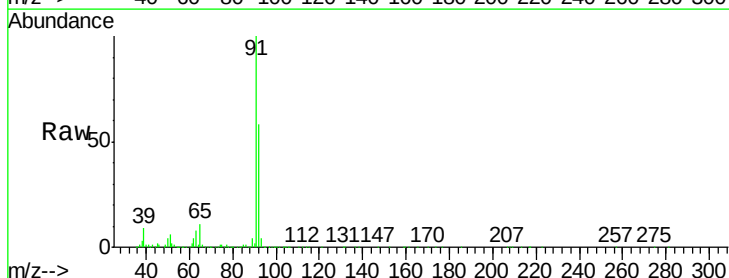
Lab File: VX007392.D

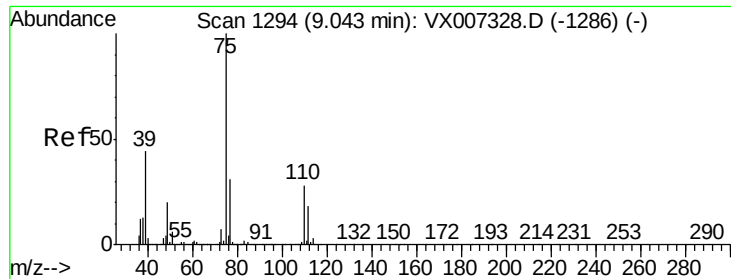
Acq: 06 Feb 2019 11:58

Tgt Ion: 92 Resp: 218587
Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7





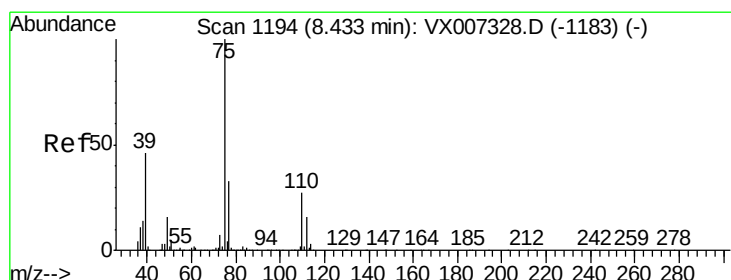
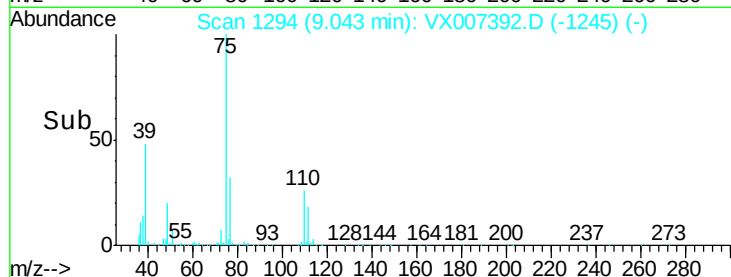
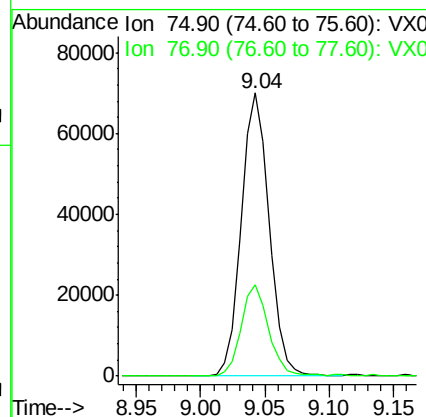
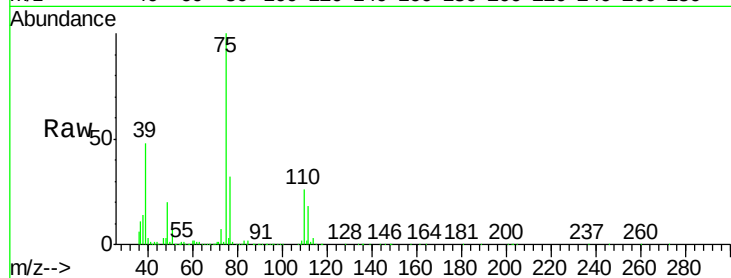
#53
t-1,3-Dichloropropene
Concen: 17.348 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8

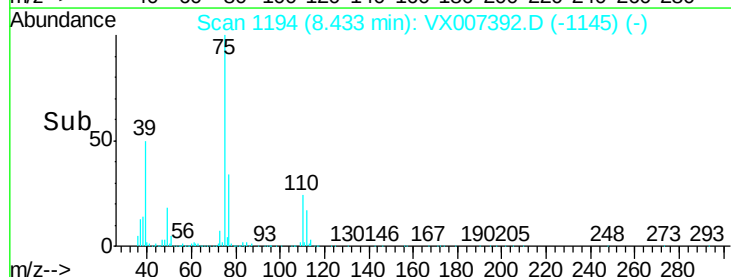
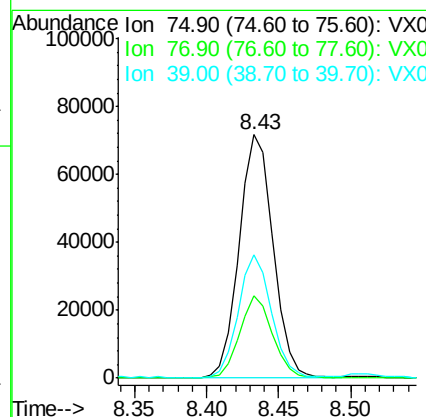
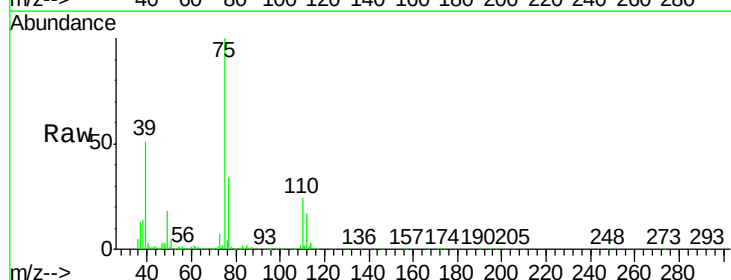
Manual Integrations
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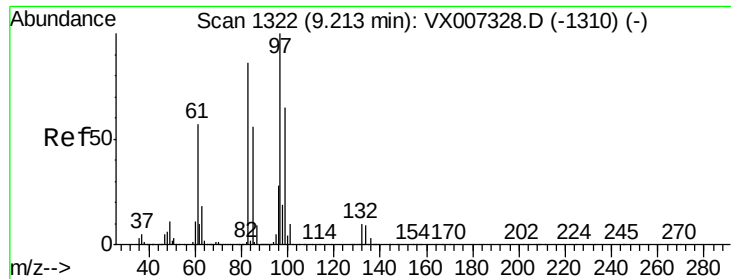
MMDadoda
2/7/2019 9:52:54 AM



#54
cis-1,3-Dichloropropene
Concen: 17.727 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.2	39.4
39	50.4	37.1	55.7





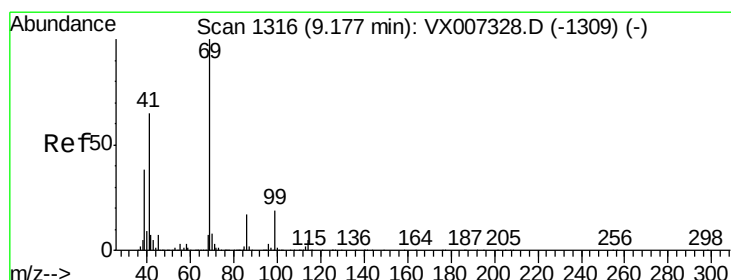
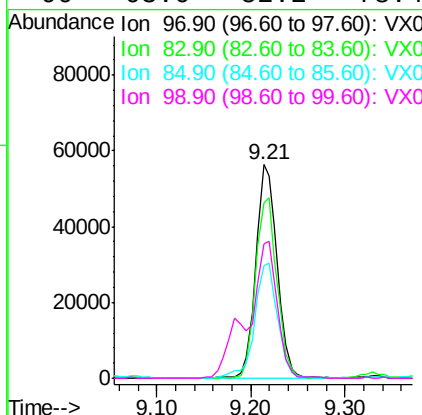
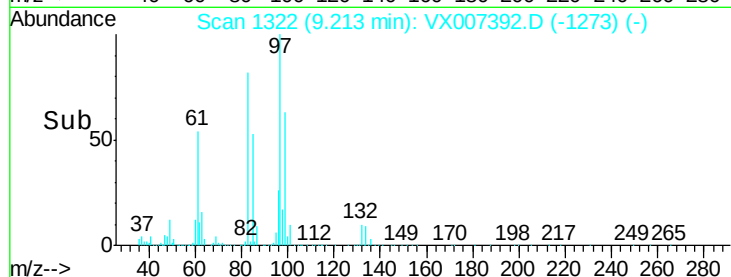
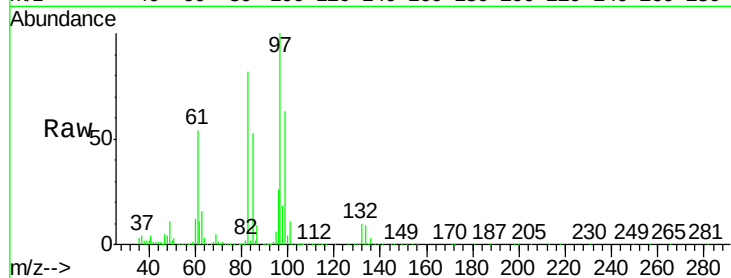
#55
 1,1,2-Trichloroethane
 Concen: 18.320 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90079		
83	81.8	68.6	102.8		
85	52.5	44.5	66.7		
99	63.0	52.2	78.4		

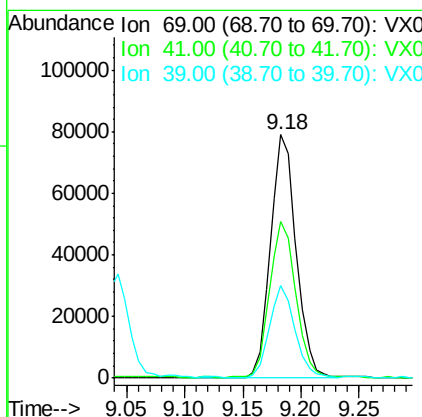
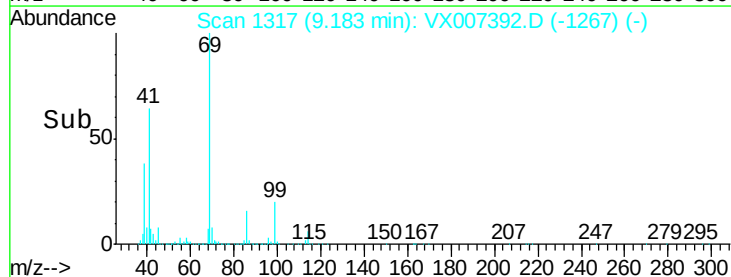
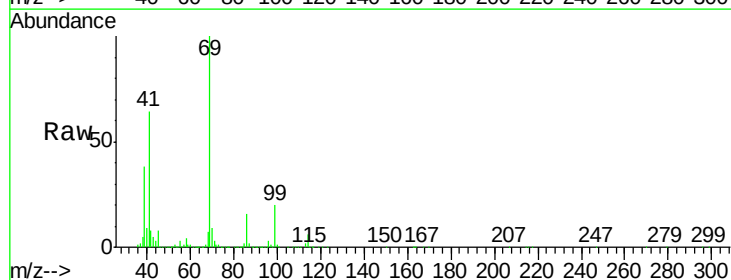
Manual Integrations
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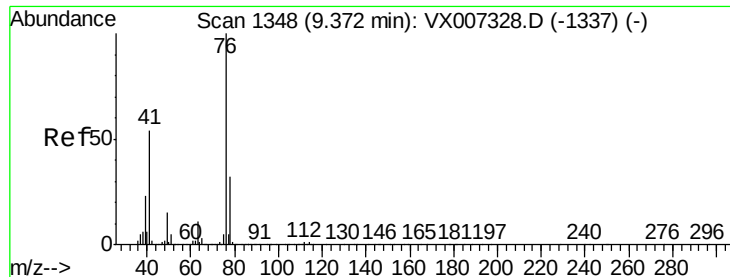
MMDadoda
 2/7/2019 9:52:54 AM



#56
 Ethyl methacrylate
 Concen: 17.755 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		120917		
41	65.8	52.1	78.1		
39	37.2	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 18.461 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 76 Resp: 144359

Ion Ratio Lower Upper

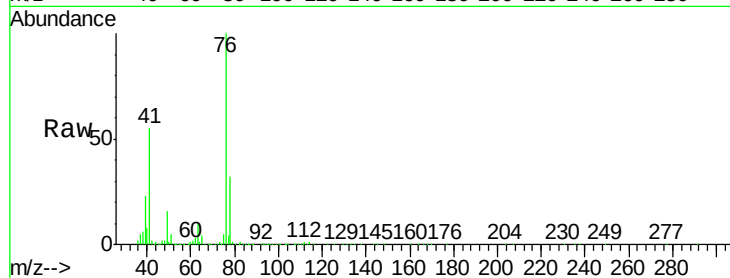
76 100

78 31.9 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

100000

80000

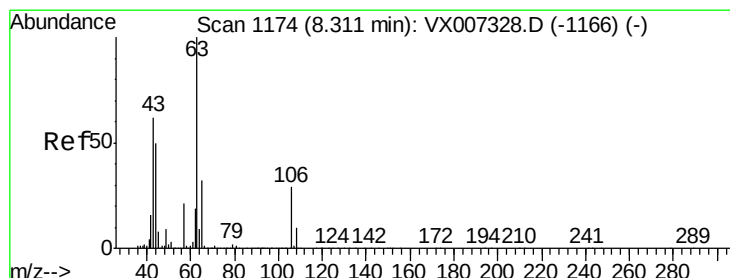
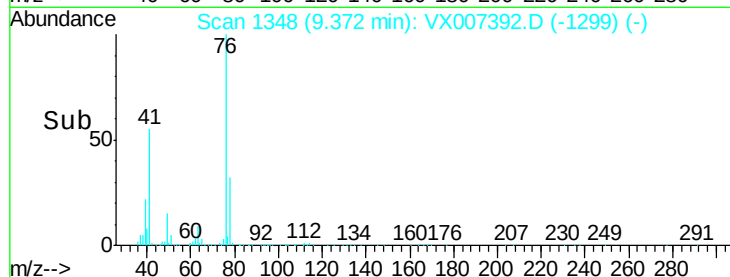
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.630 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007392.D

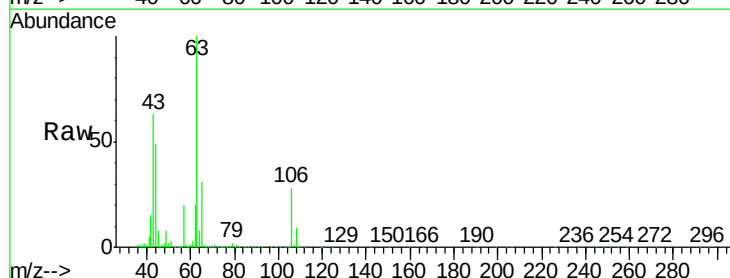
Acq: 06 Feb 2019 11:58

Tgt Ion: 63 Resp: 350446

Ion Ratio Lower Upper

63 100

106 30.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

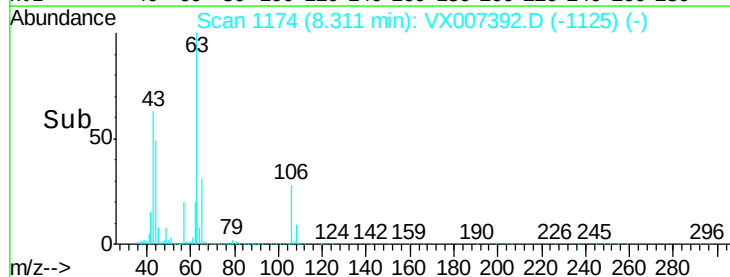
150000

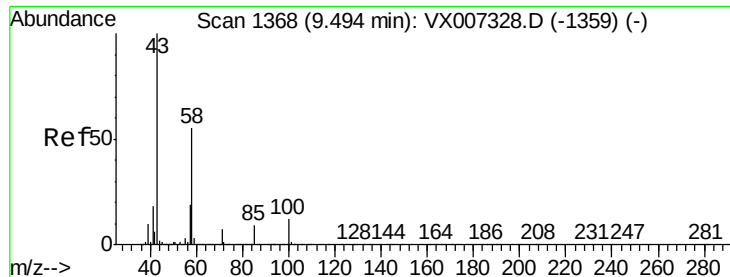
100000

50000

0

Time-->





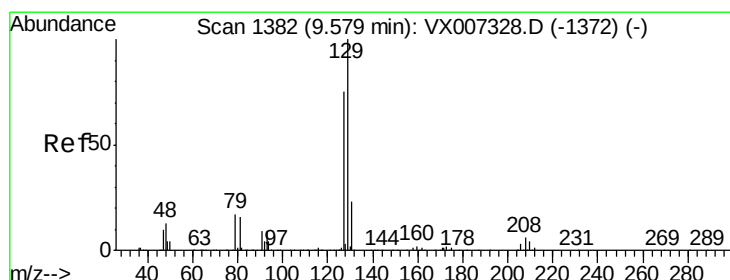
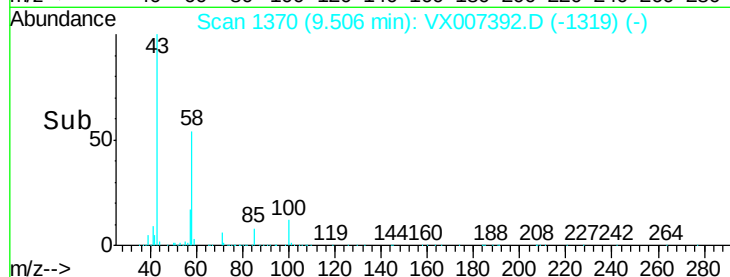
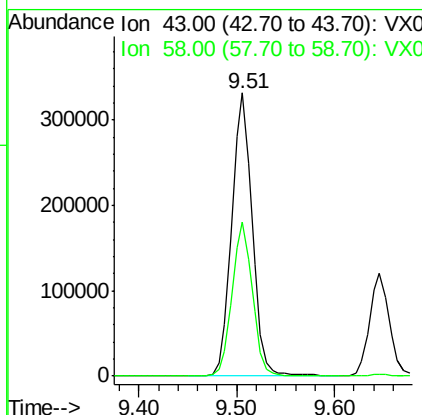
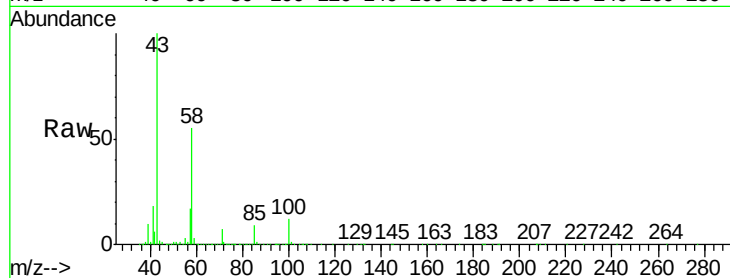
#59
2-Hexanone
Concen: 97.040 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	27.1	81.3

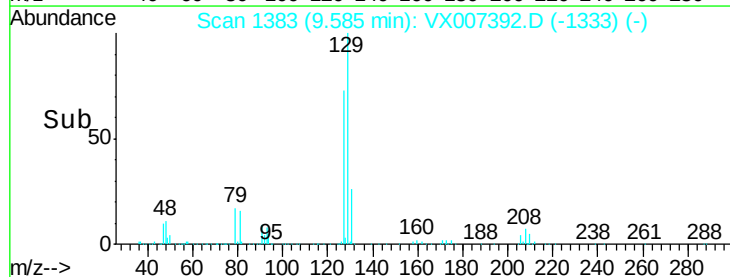
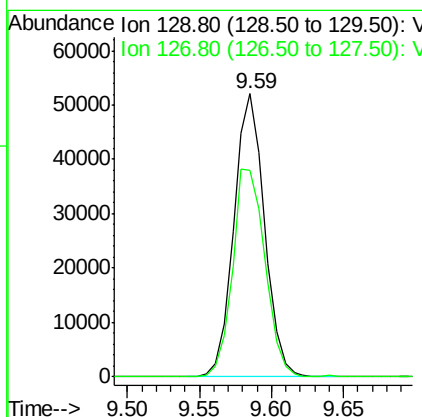
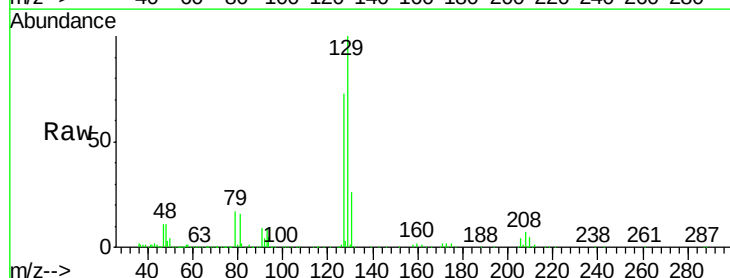
Manual Integrations
APPROVED

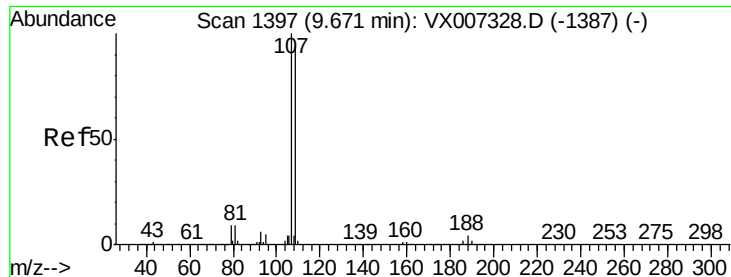
MMDadoda
2/7/2019 9:52:54 AM



#60
Dibromochloromethane
Concen: 16.620 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	37.8	113.4





#61

1,2-Dibromoethane

Concen: 18.157 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:107 Resp: 94549

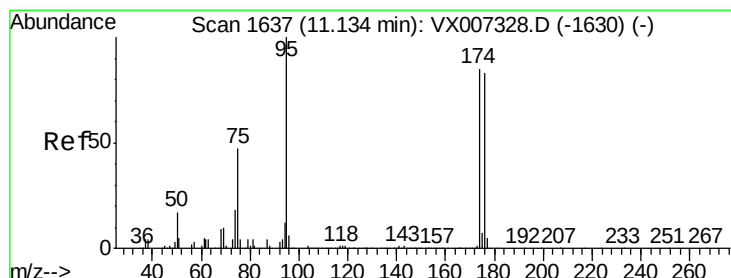
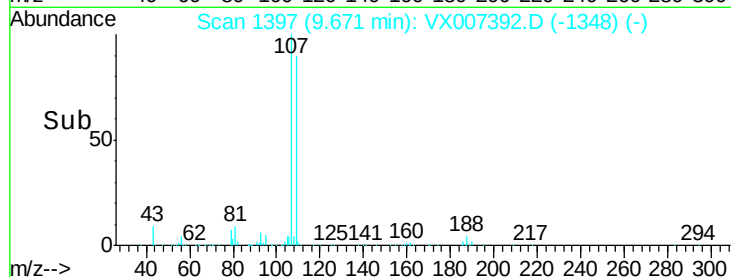
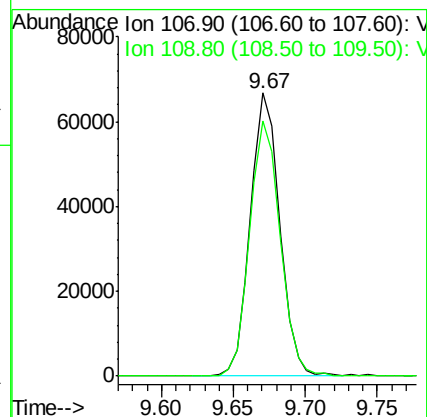
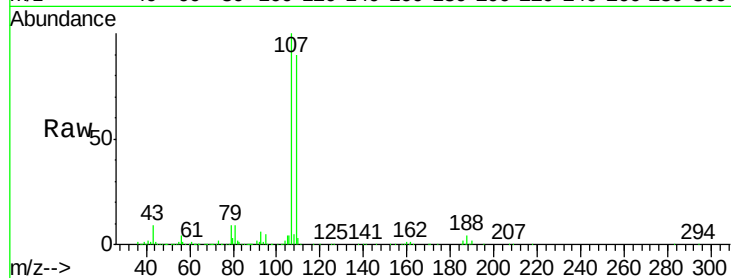
Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 49.470 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

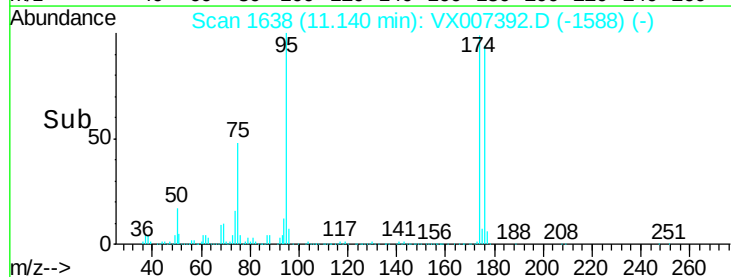
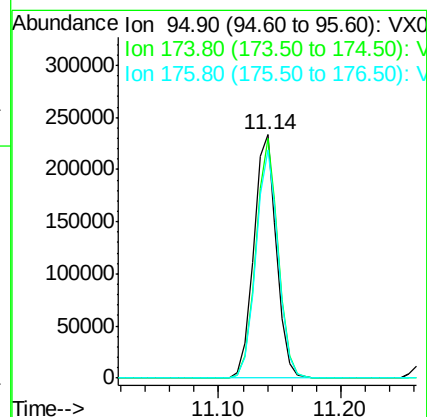
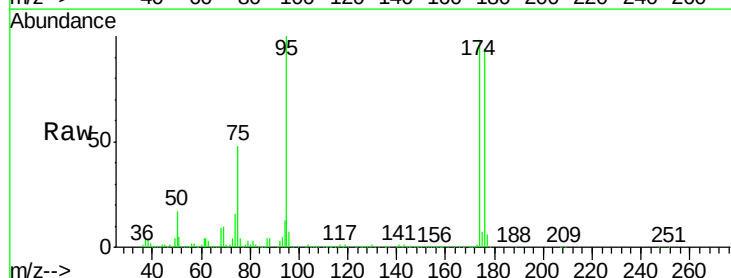
Tgt Ion: 95 Resp: 301620

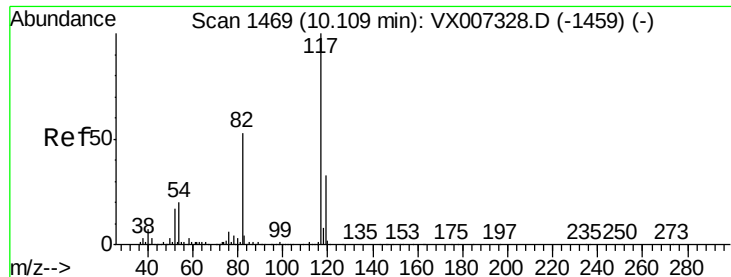
Ion Ratio Lower Upper

95 100

174 96.1 0.0 189.2

176 92.5 0.0 186.2





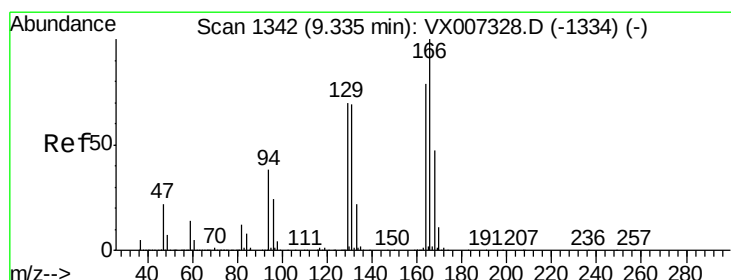
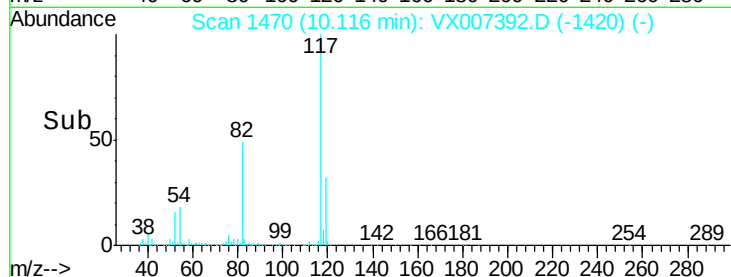
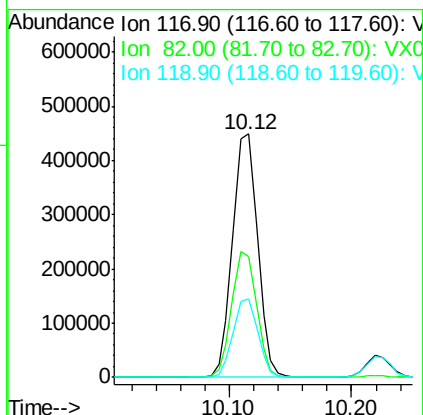
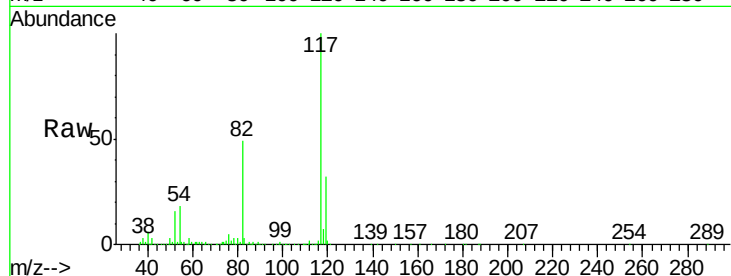
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	49.5	42.1	63.1
119	32.3	26.5	39.7

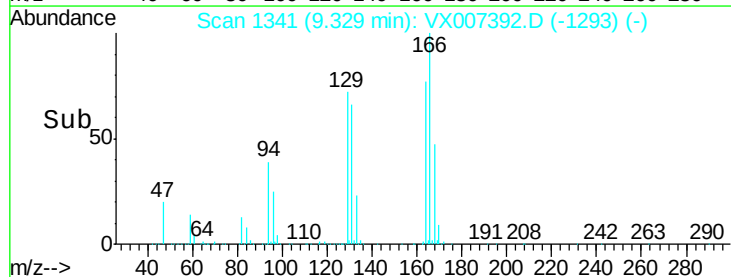
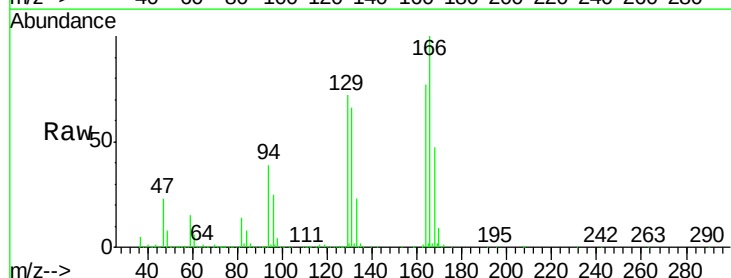
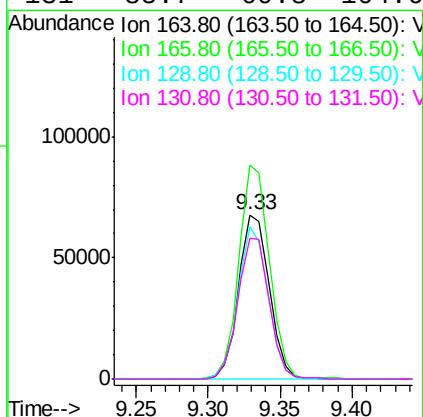
Manual Integrations
APPROVED

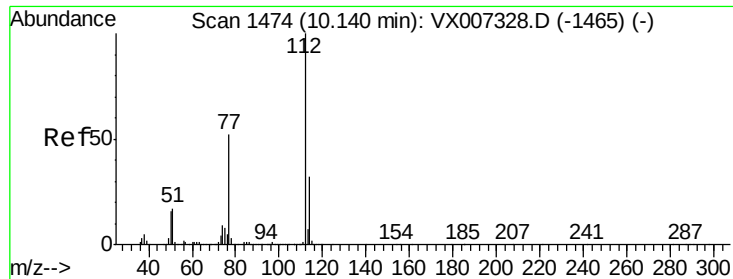
MMDadoda
2/7/2019 9:52:54 AM



#64
Tetrachloroethene
Concen: 16.590 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.8	101.0	151.4
129	93.0	70.5	105.7
131	85.7	69.8	104.6





#65

Chlorobenzene

Concen: 17.514 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:112 Resp: 244187

Ion Ratio Lower Upper

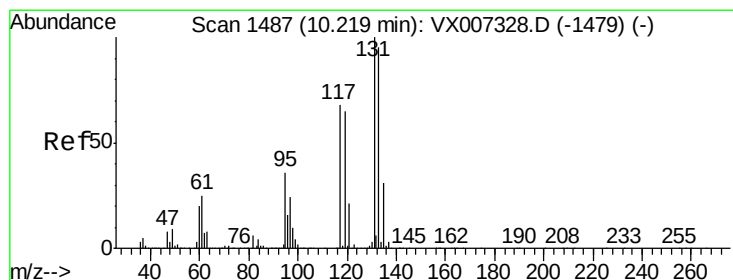
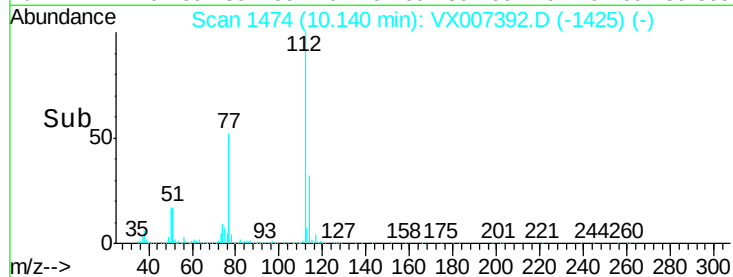
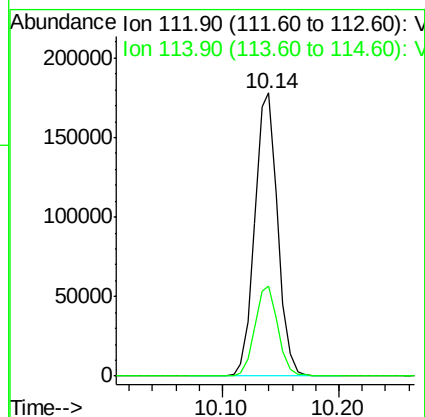
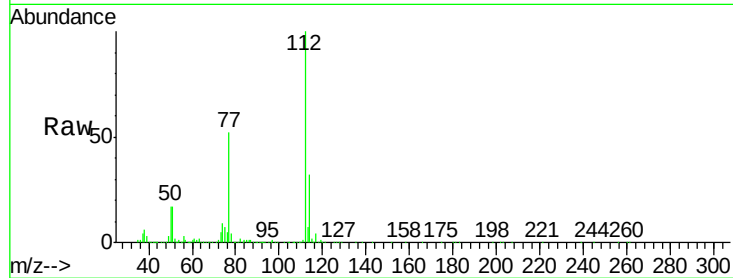
112 100

114 31.9 25.8 38.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.797 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

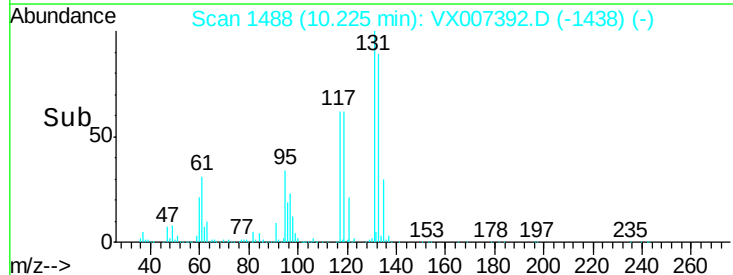
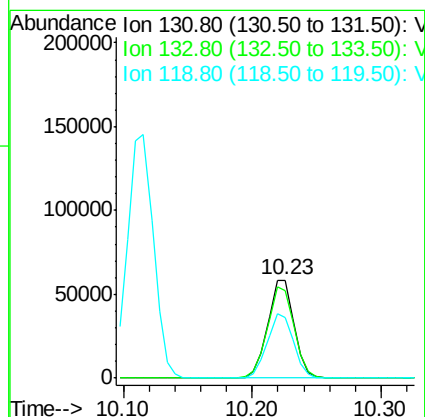
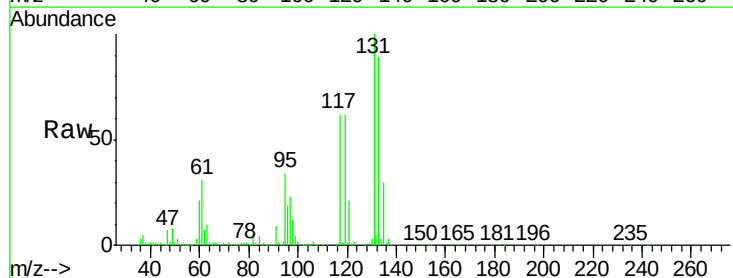
Tgt Ion:131 Resp: 83193

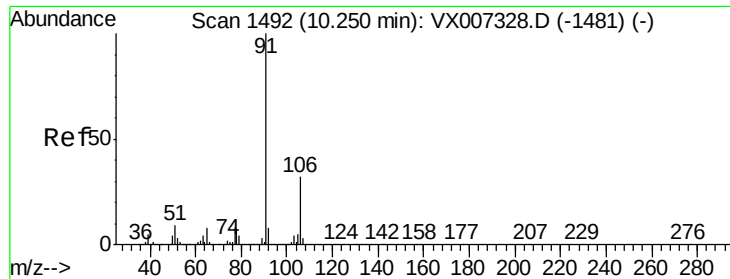
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 65.5 32.0 96.0





#67

Ethyl Benzene

Concen: 17.847 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 91 Resp: 400701

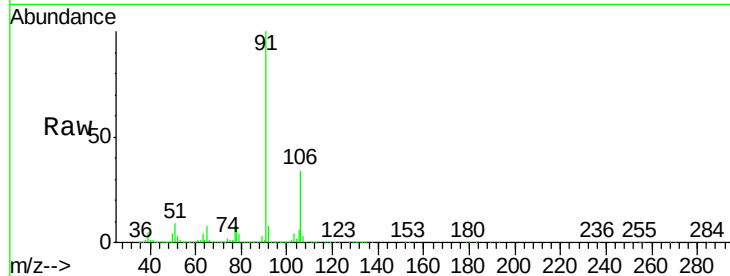
Ion Ratio Lower Upper

91 100

106 34.0 25.4 38.0

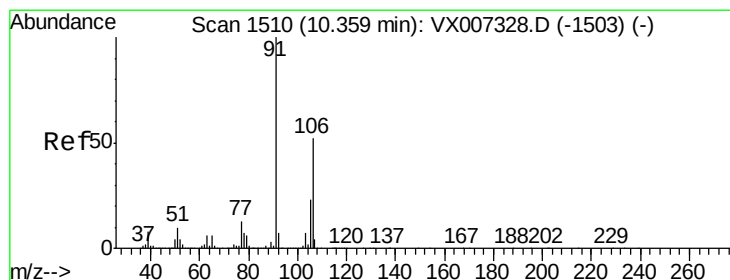
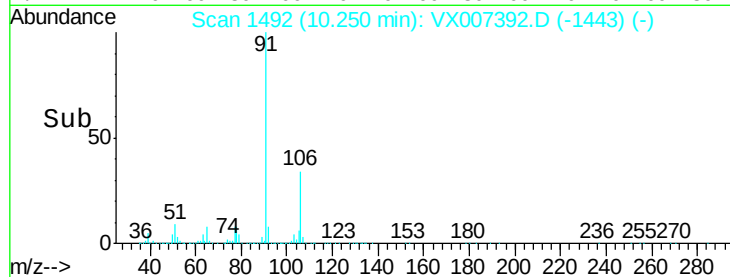
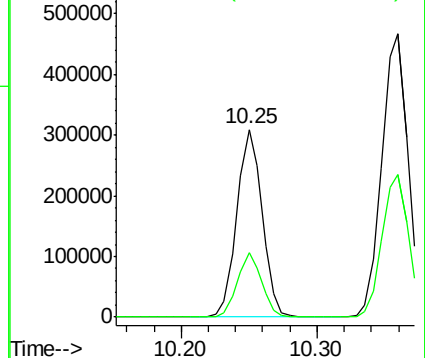
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.635 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007392.D

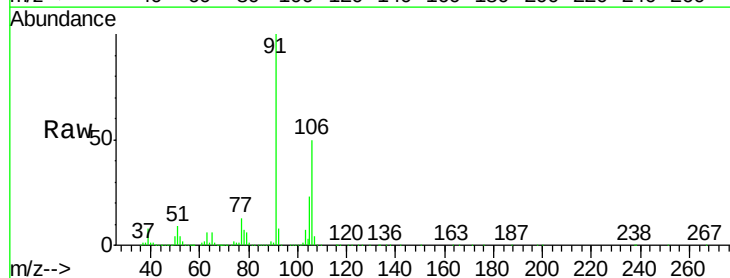
Acq: 06 Feb 2019 11:58

Tgt Ion: 106 Resp: 318051

Ion Ratio Lower Upper

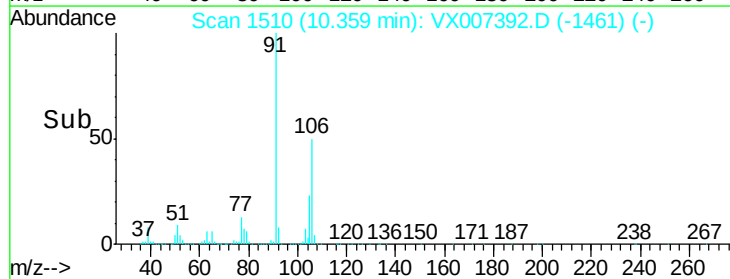
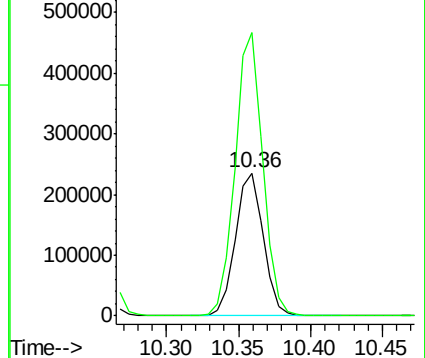
106 100

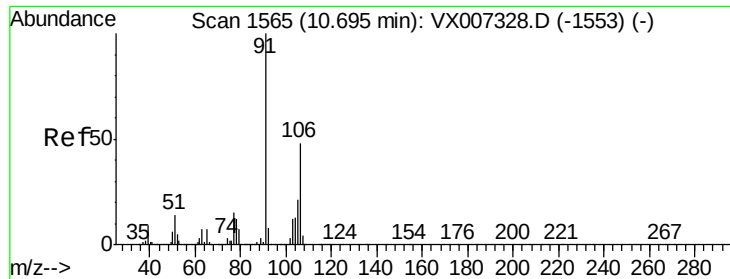
91 197.5 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





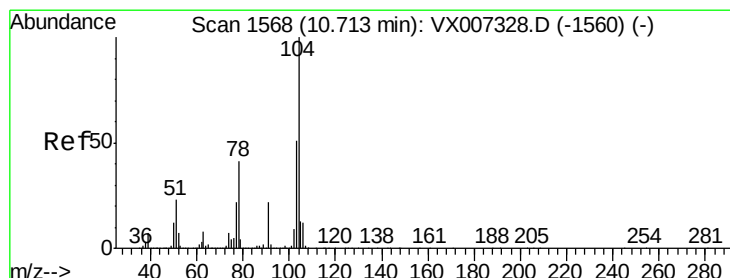
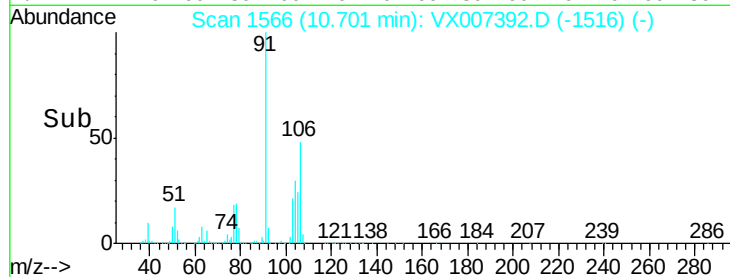
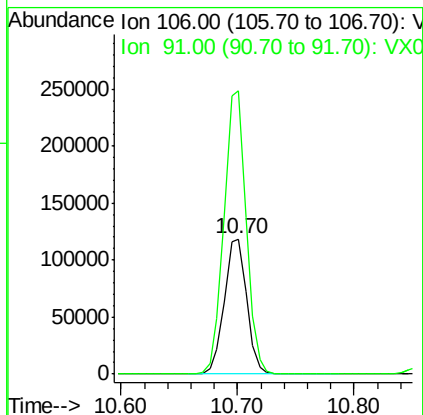
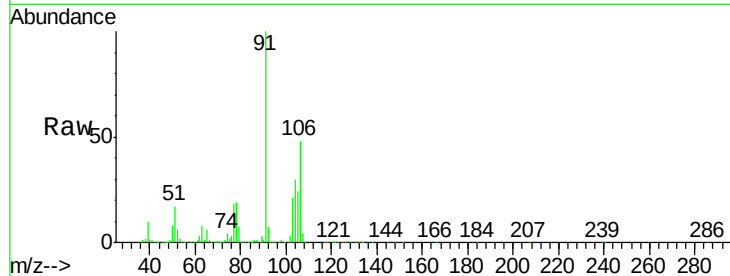
#69
o-Xylene
Concen: 18.417 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	158170		
91	91	207.8	102.9	308.7	

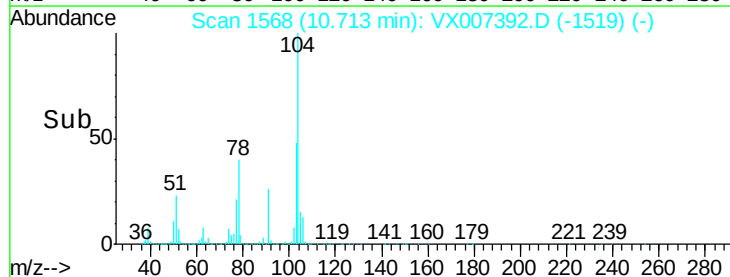
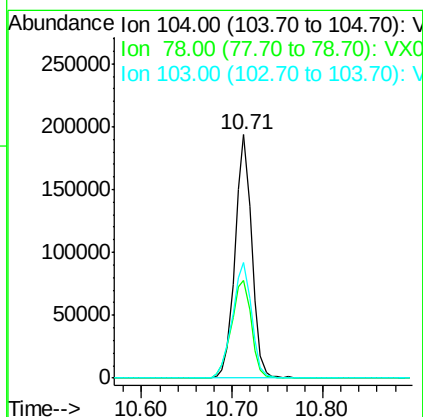
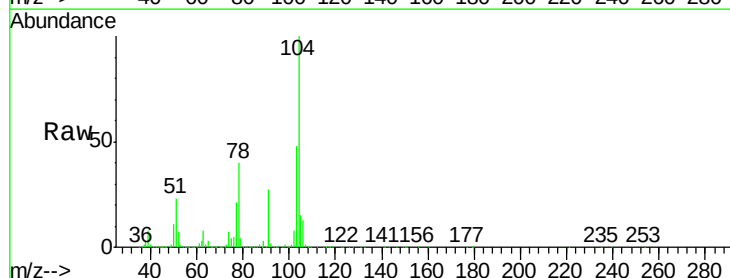
Manual Integrations
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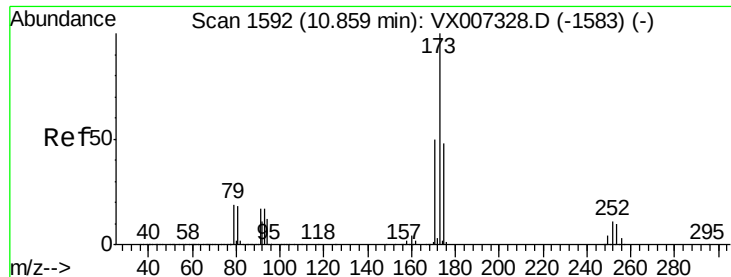
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#70
Styrene
Concen: 17.823 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	248246		
78	78	47.6	38.3	57.5	
103	103	54.6	44.6	67.0	





#71

Bromoform

Concen: 17.081 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:173 Resp: 58200

Ion Ratio Lower Upper

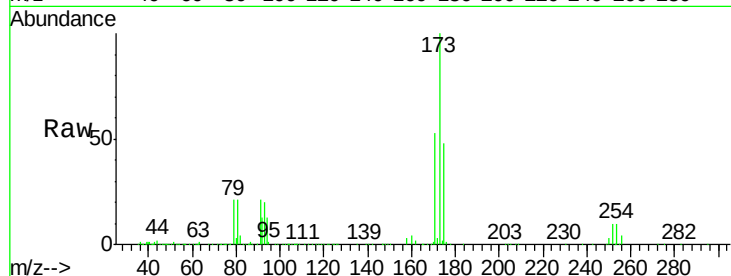
173 100

175 49.1 24.2 72.6

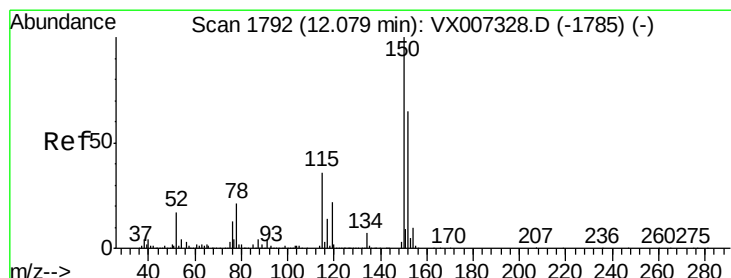
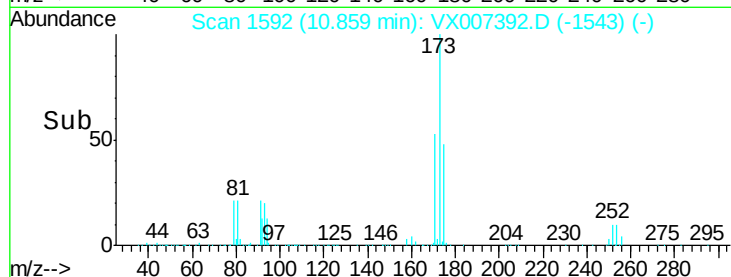
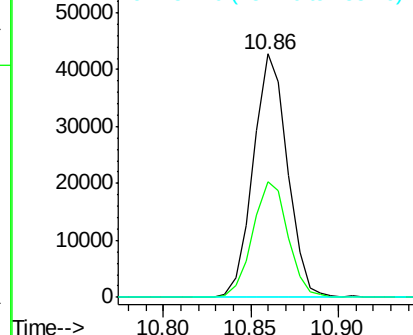
254 0.2 0.2 0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

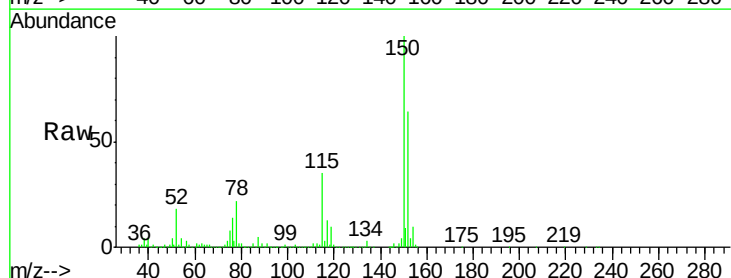
Tgt Ion:152 Resp: 351147

Ion Ratio Lower Upper

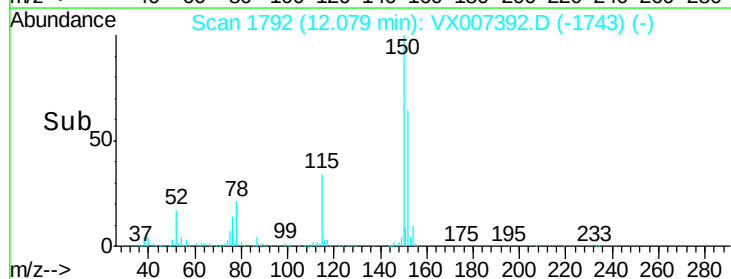
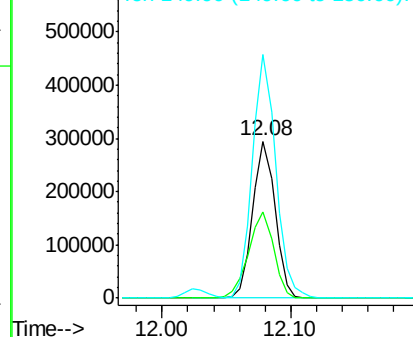
152 100

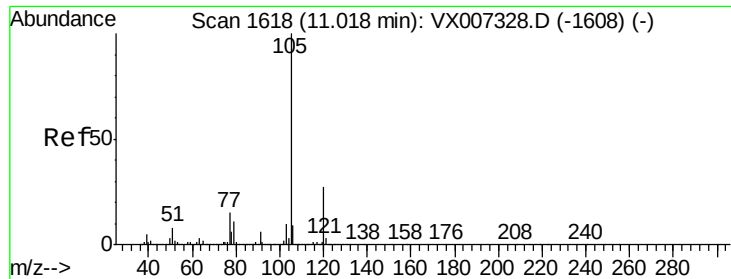
115 62.1 38.0 114.0

150 162.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.552 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 105 Resp: 418840

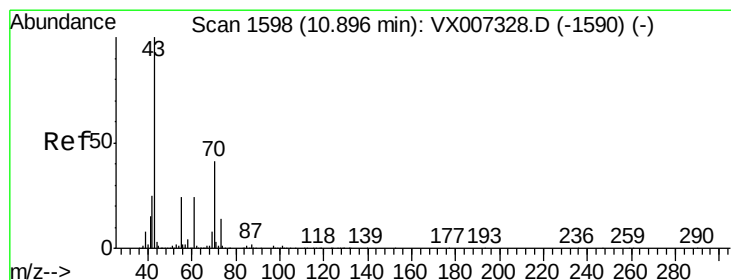
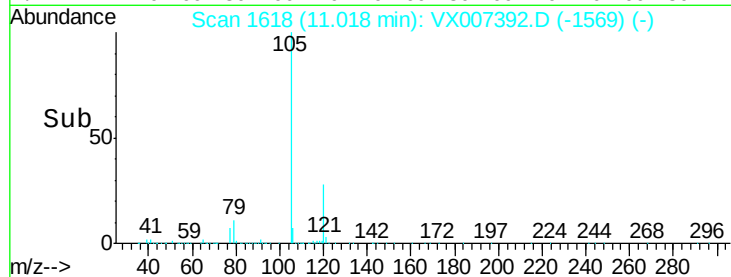
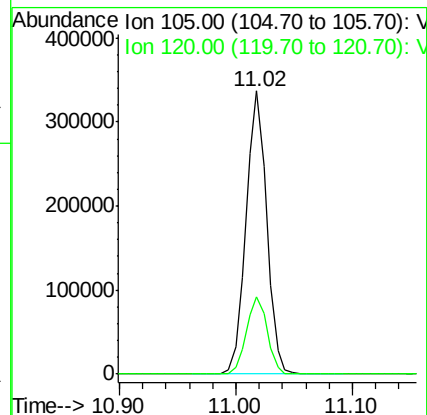
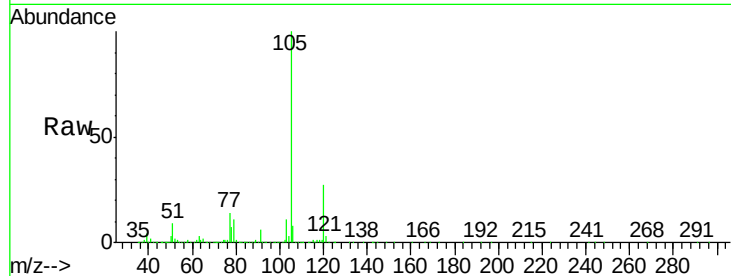
Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 17.929 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion: 43 Resp: 165477

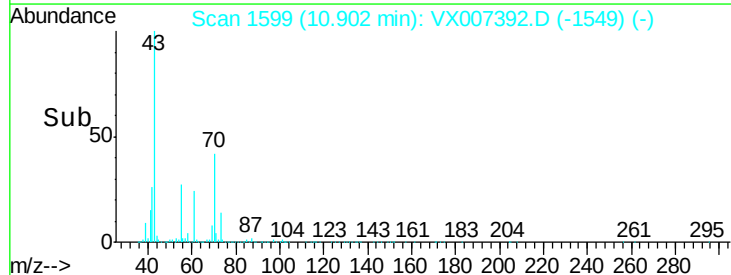
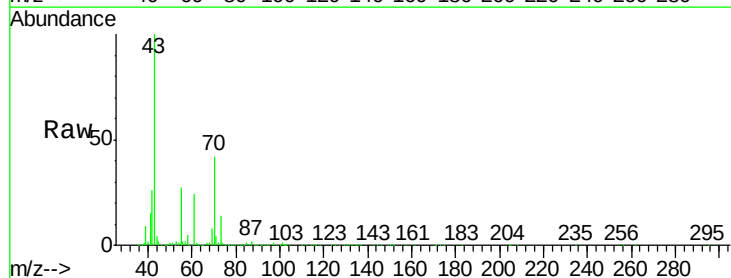
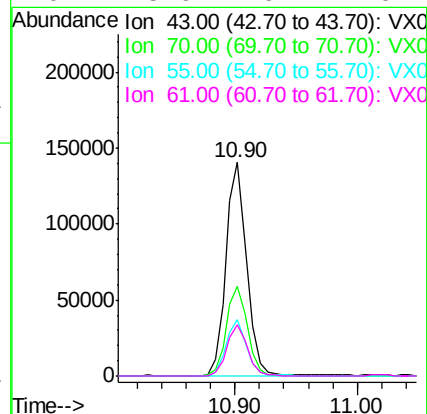
Ion Ratio Lower Upper

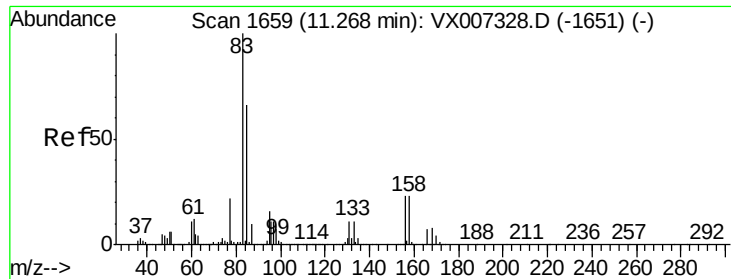
43 100

70 43.1 33.8 50.6

55 26.6 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.422 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

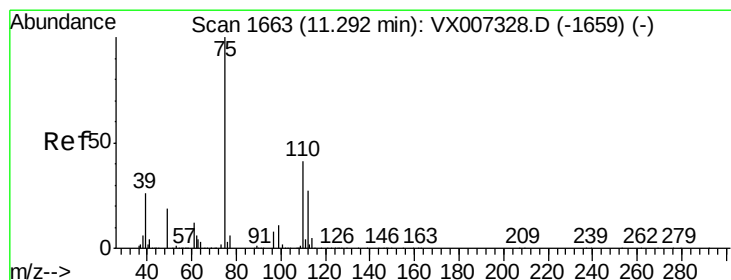
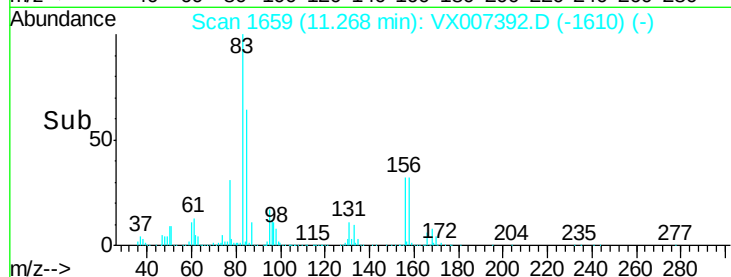
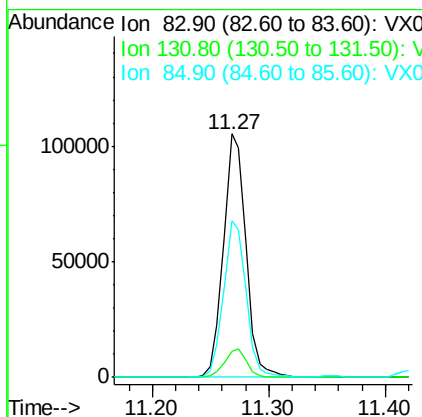
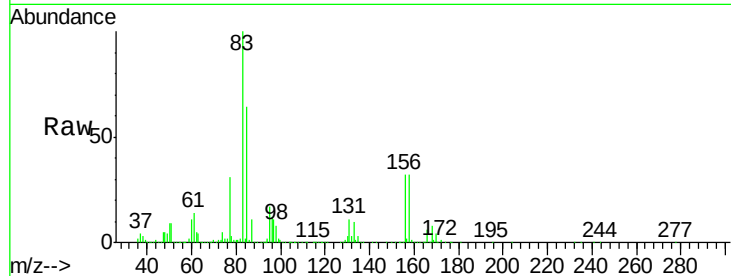
ClientSampleId :

VX0206WBS01

Tot Ion:	83	Resp:	141244
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.7	17.0
85	64.4	32.8	98.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.794 ug/l m

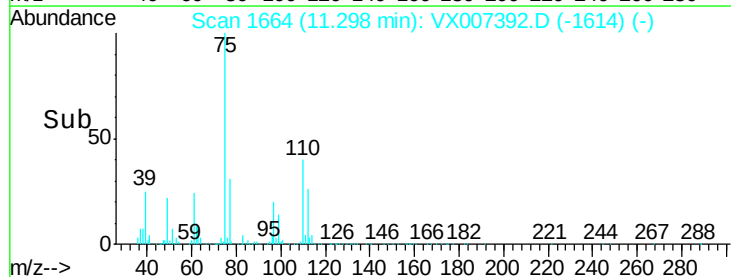
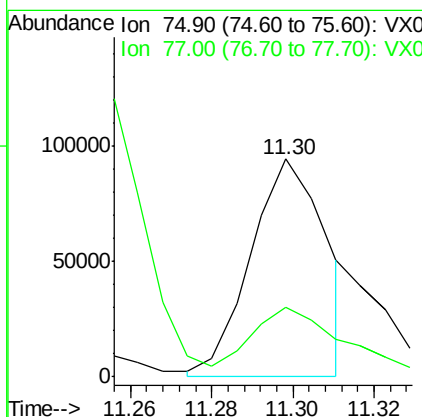
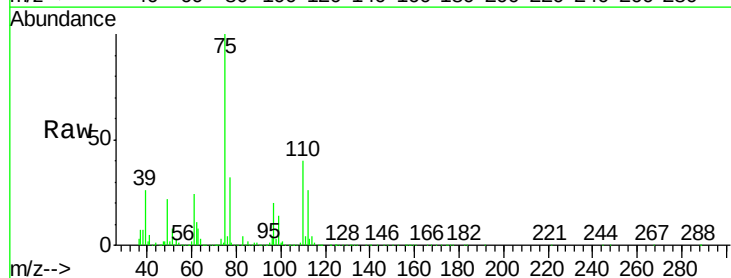
RT: 11.30 min Scan# 1664

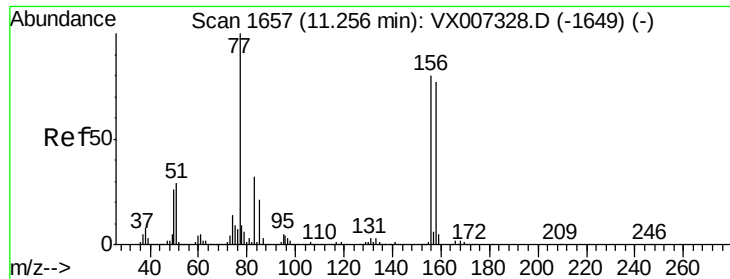
Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	75	Resp:	121539
Ion Ratio	Lower	Upper	
75	100		
77	39.8	23.0	69.0





#77

Bromobenzene

Concen: 16.904 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:156 Resp: 113652

Ion Ratio Lower Upper

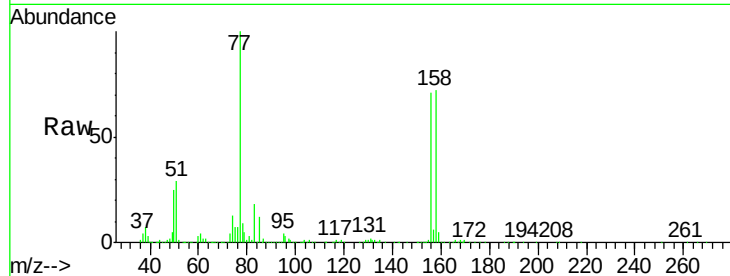
156 100

77 134.4 66.8 200.6

158 99.1 47.9 143.8

Manual Integrations
APPROVED

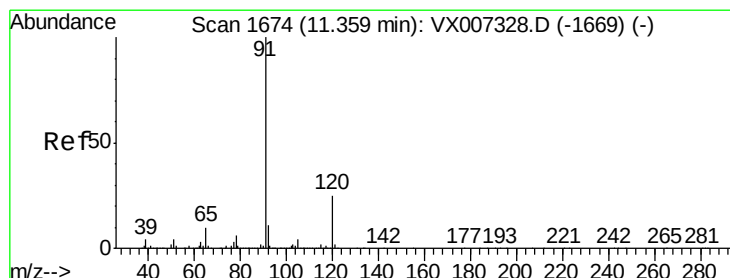
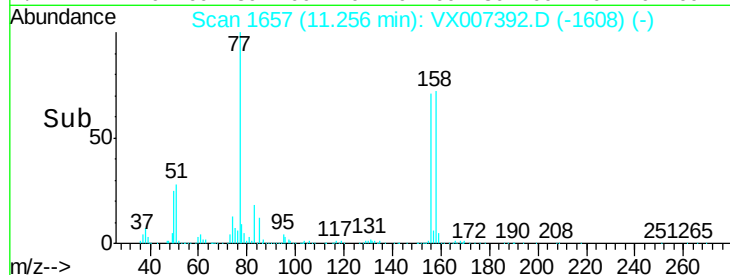
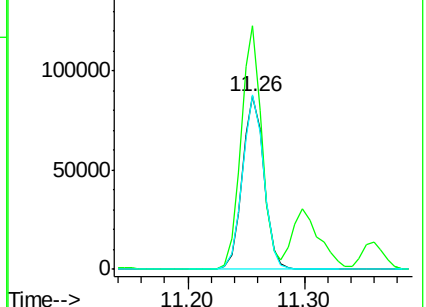
MMDadoda
2/7/2019 9:52:54 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.350 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007392.D

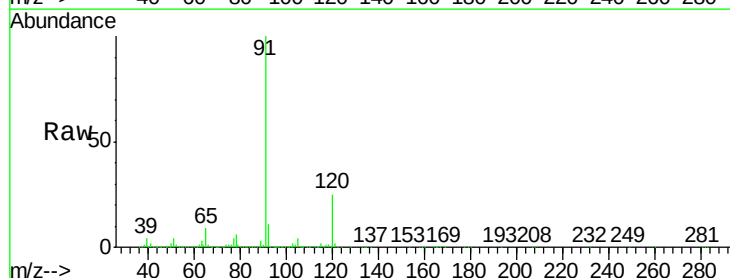
Acq: 06 Feb 2019 11:58

Tgt Ion: 91 Resp: 453977

Ion Ratio Lower Upper

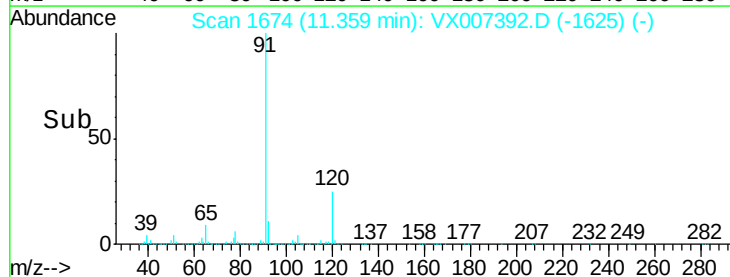
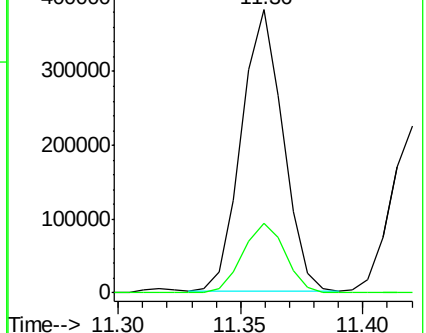
91 100

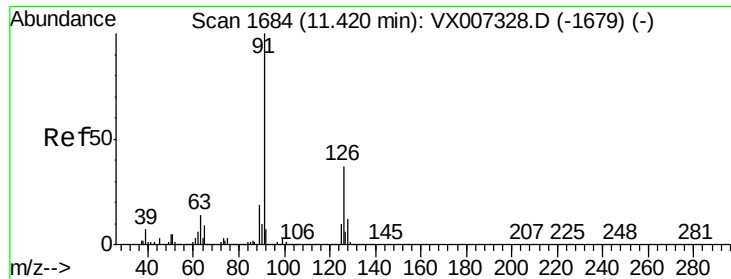
120 25.3 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.661 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 91 Resp: 280414

Ion Ratio Lower Upper

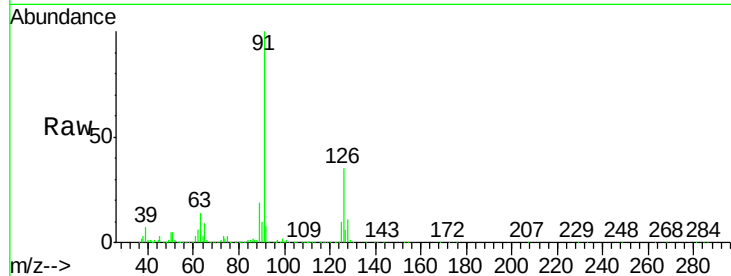
91 100

126 37.1 18.7 56.1

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

400000

300000

200000

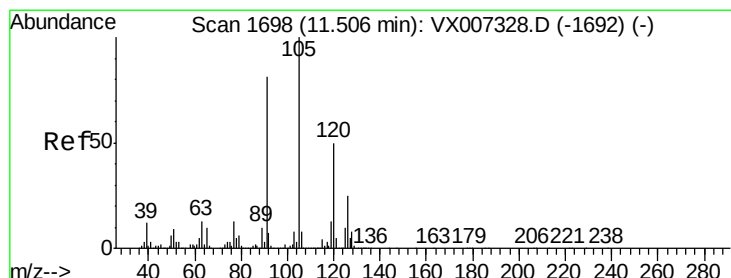
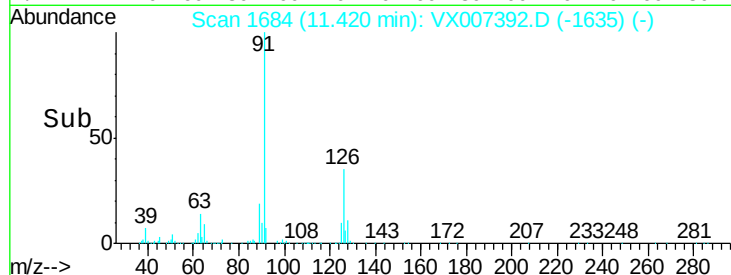
100000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.896 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007392.D

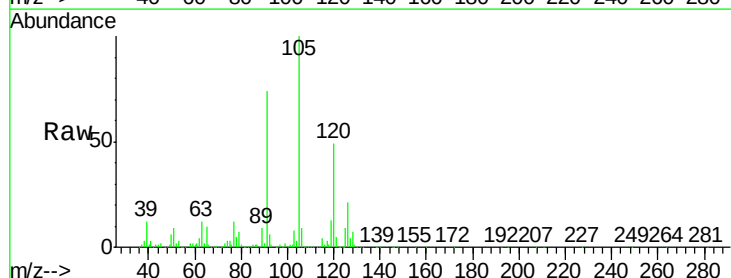
Acq: 06 Feb 2019 11:58

Tgt Ion: 105 Resp: 349362

Ion Ratio Lower Upper

105 100

120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

200000

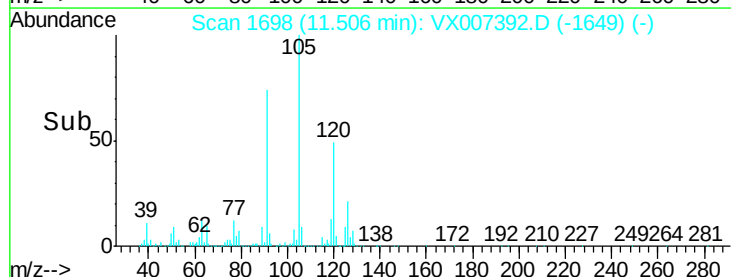
100000

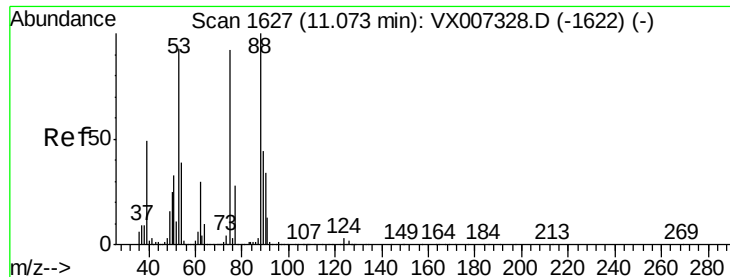
0

11.51

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.814 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 75 Resp: 32793

Ion Ratio Lower Upper

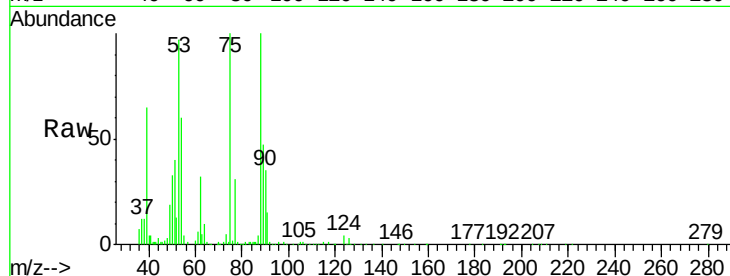
75 100

53 106.4 81.0 121.6

89 50.8 41.4 62.0

Manual Integrations
APPROVED

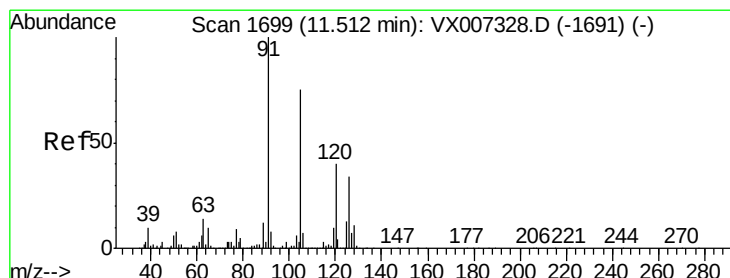
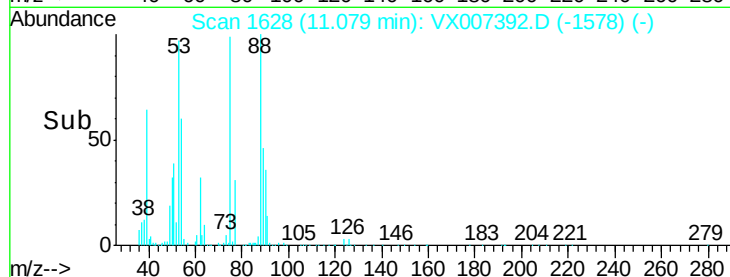
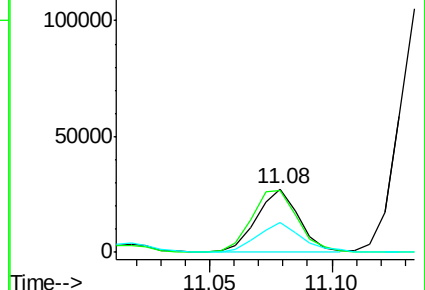
MMDadoda
2/7/2019 9:52:54 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.544 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007392.D

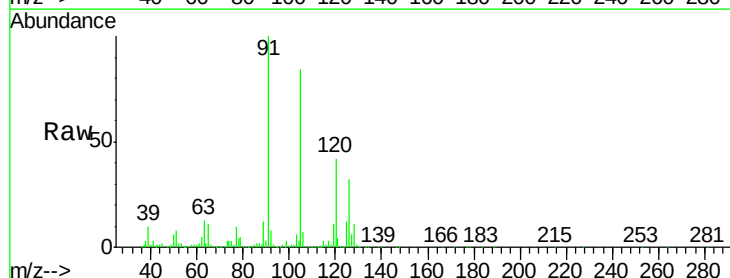
Acq: 06 Feb 2019 11:58

Tgt Ion: 91 Resp: 322308

Ion Ratio Lower Upper

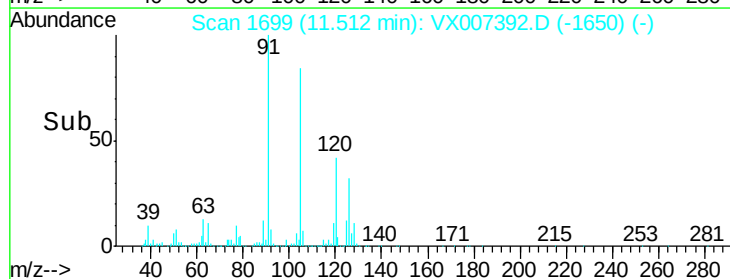
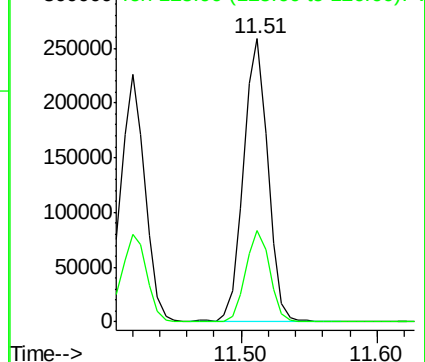
91 100

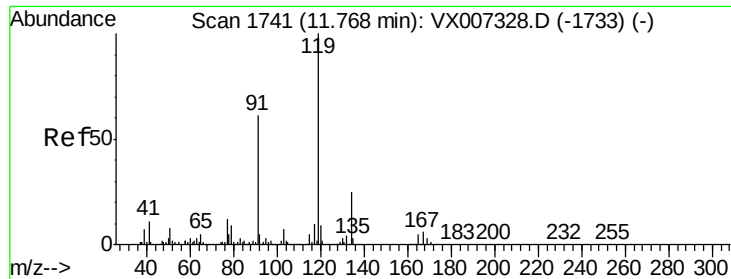
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





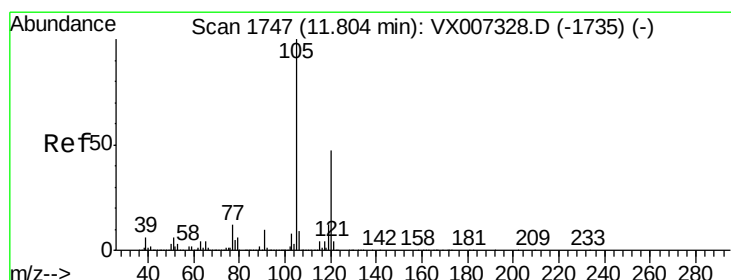
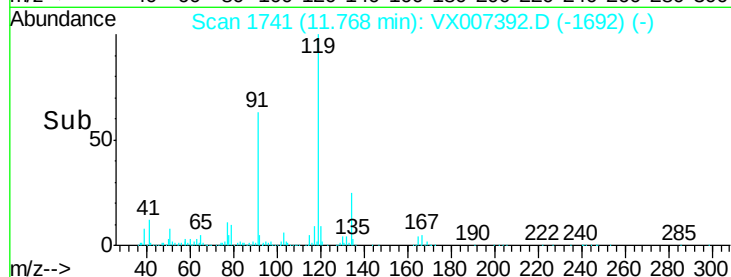
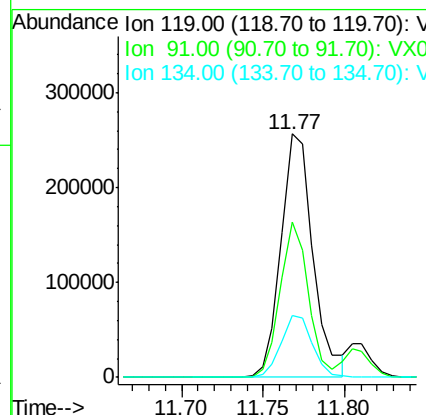
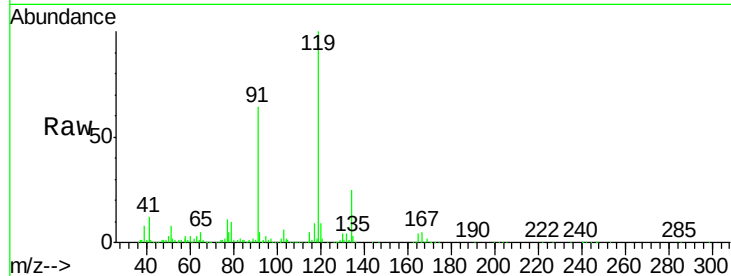
#83
 tert-Butylbenzene
 Concen: 18.223 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	352216		
91	56.2	28.5	85.6	
134	24.9	12.0	36.0	

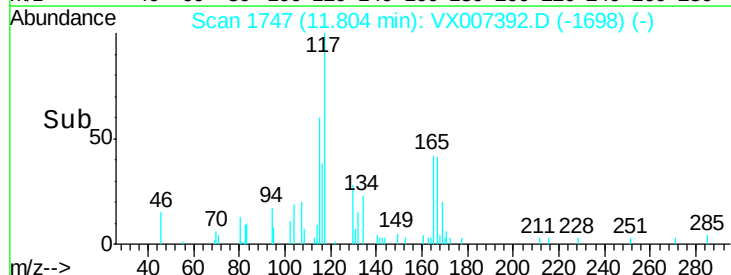
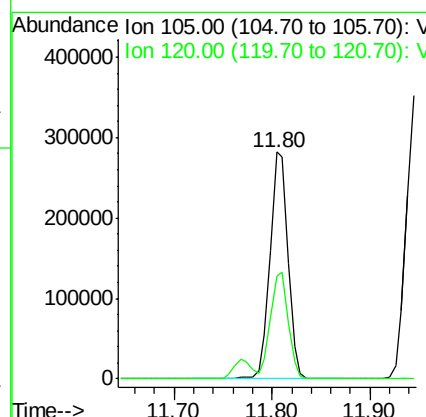
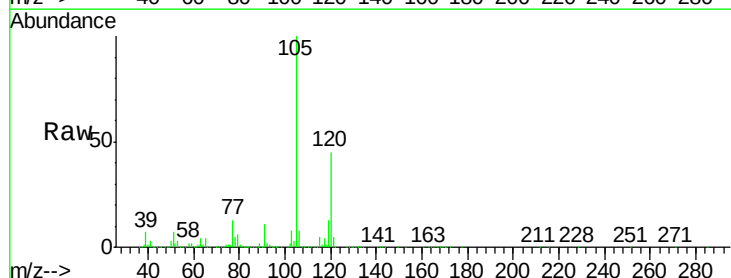
Manual Integrations
 APPROVED

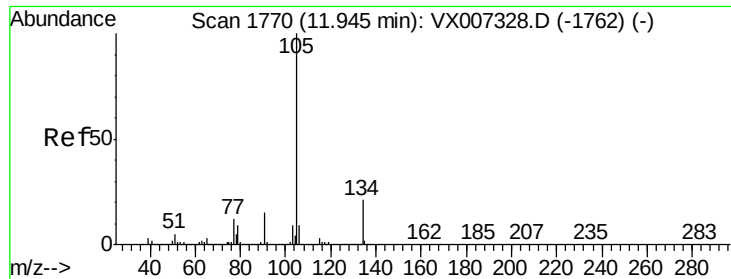
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 2/7/2019 9:52:54 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.183 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	360385		
120	46.4	23.1	69.3	





#85

sec-Butylbenzene

Concen: 18.007 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:105 Resp: 421230

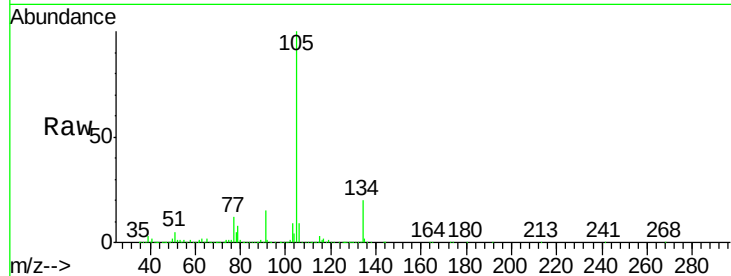
Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8

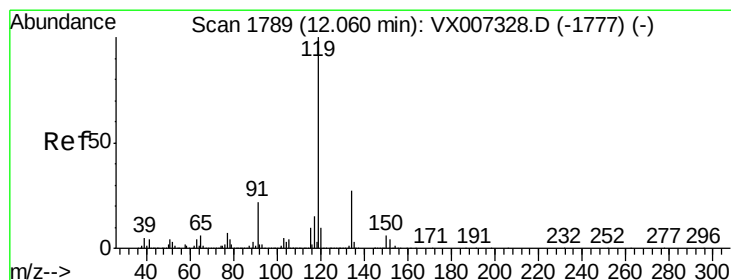
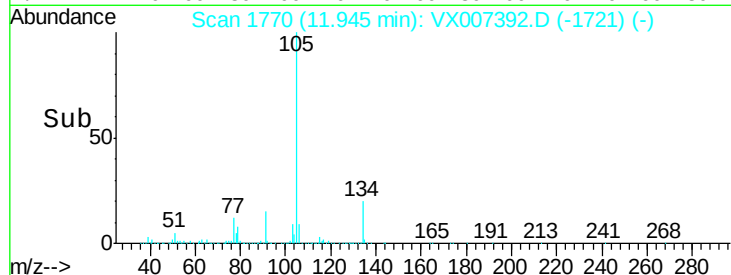
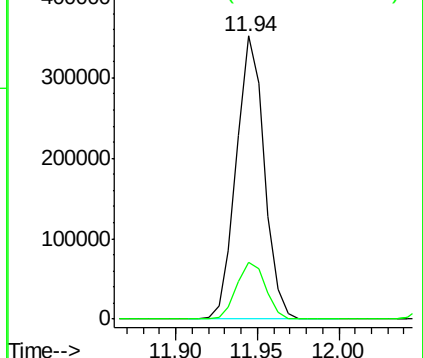
Manual Integrations
APPROVED

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2/7/2019 9:52:54 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.616 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

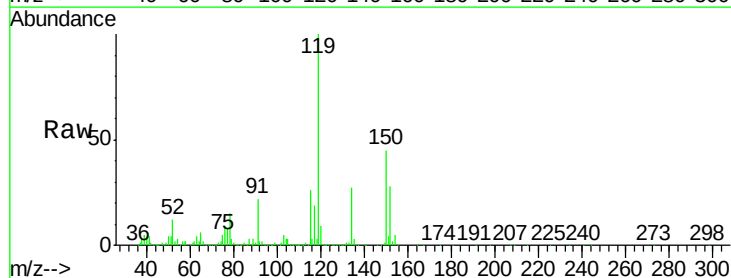
Tgt Ion:119 Resp: 371997

Ion Ratio Lower Upper

119 100

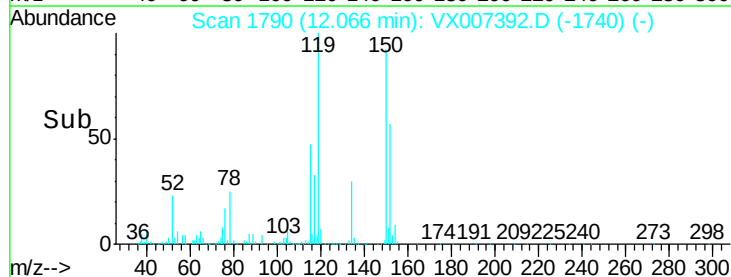
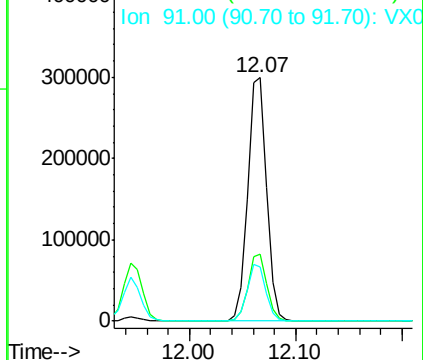
134 27.4 13.7 41.1

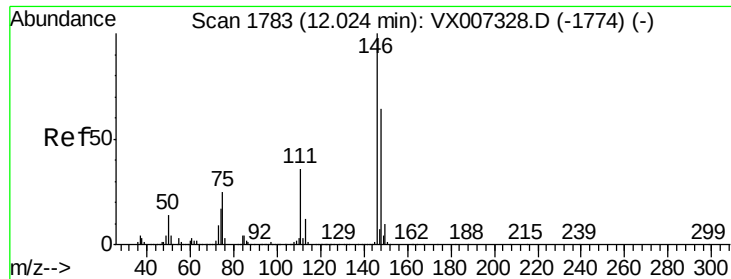
91 23.0 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V





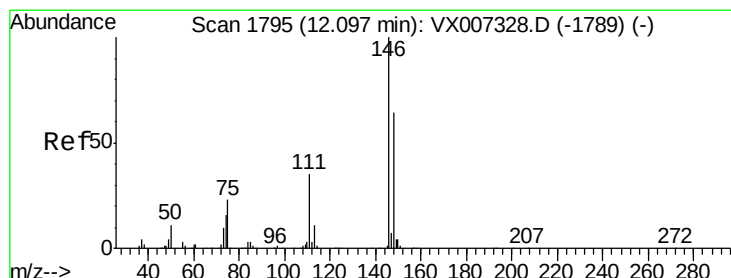
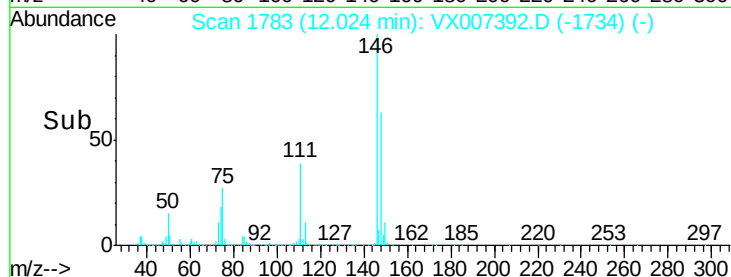
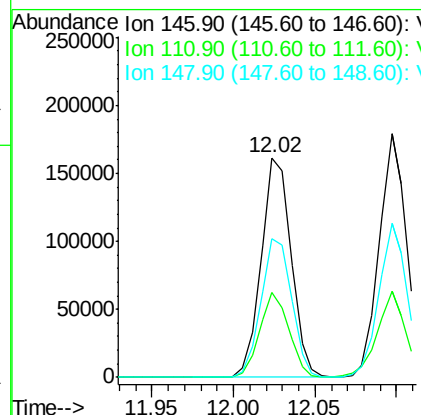
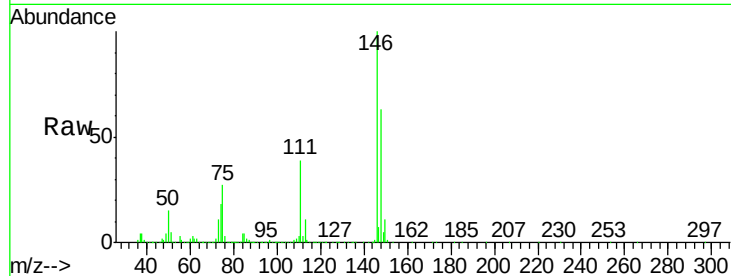
#87
 1,3-Dichlorobenzene
 Concen: 17.159 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	207045		
111	37.7	18.1	54.1	
148	65.2	32.0	96.2	

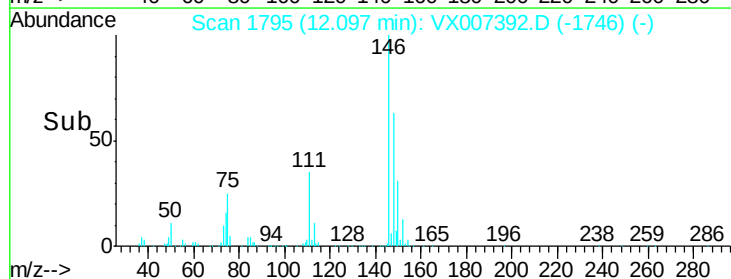
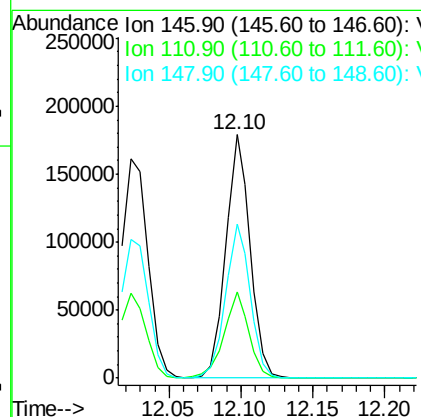
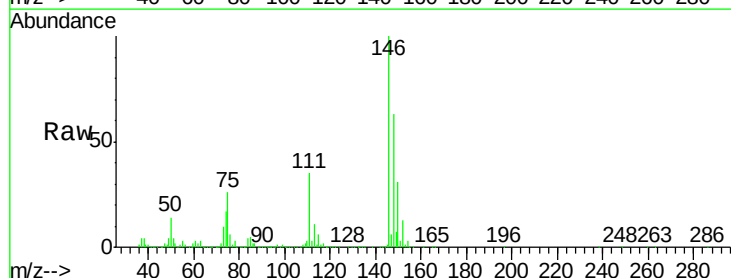
Manual Integrations
 APPROVED

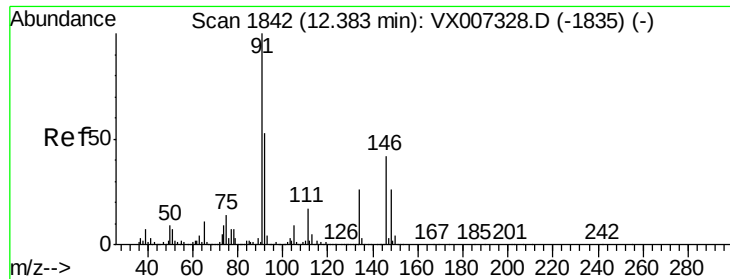
MMDadoda
 2/7/2019 9:52:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.454 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	213662		
111	35.9	18.1	54.1	
148	64.5	32.3	96.9	





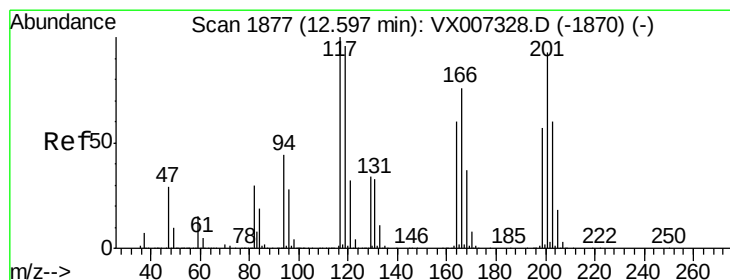
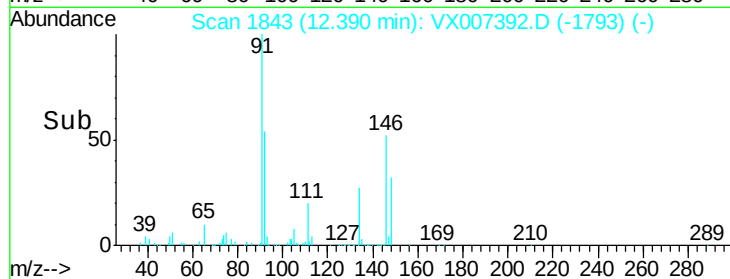
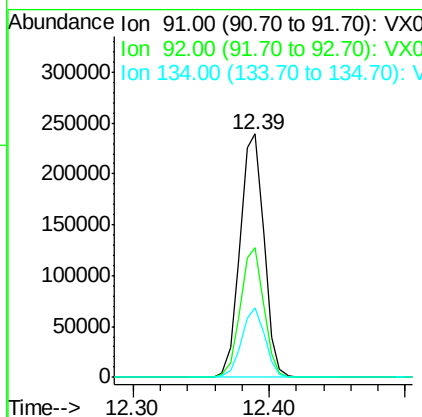
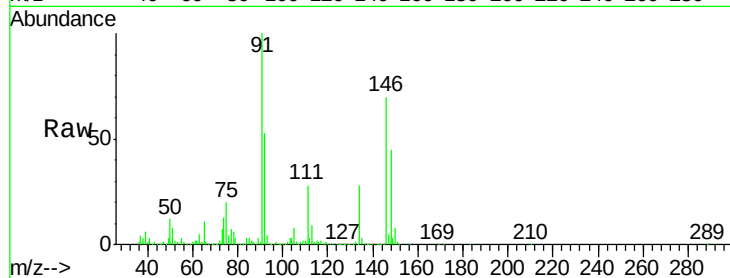
#89
n-Butylbenzene
Concen: 16.140 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.3	78.9
134	27.6	13.9	41.6

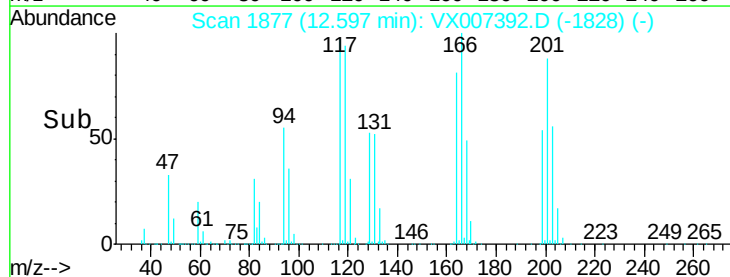
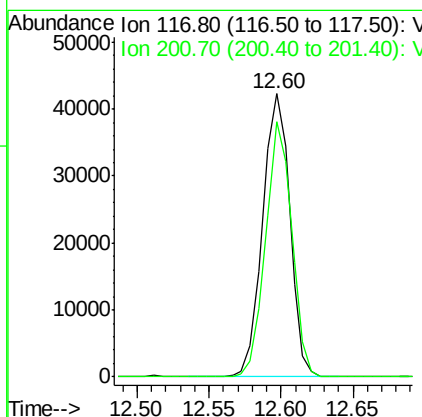
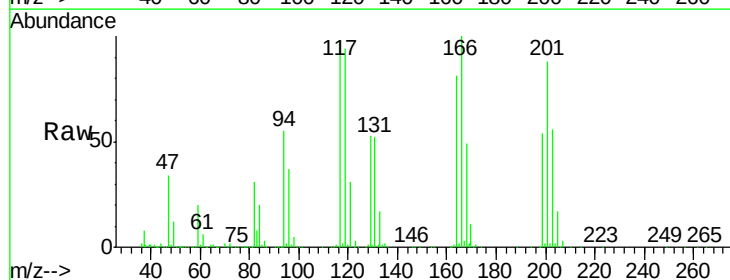
Manual Integrations
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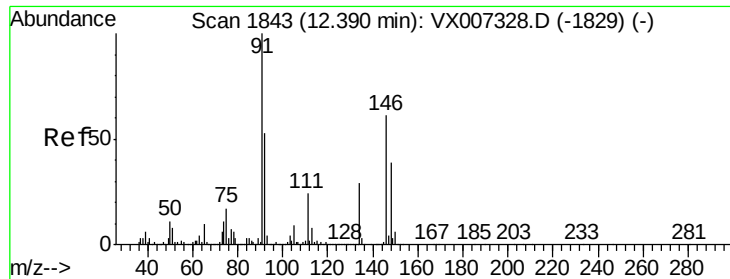
MMDadoda
2/7/2019 9:52:54 AM



#90
Hexachloroethane
Concen: 17.474 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	44.9	134.7





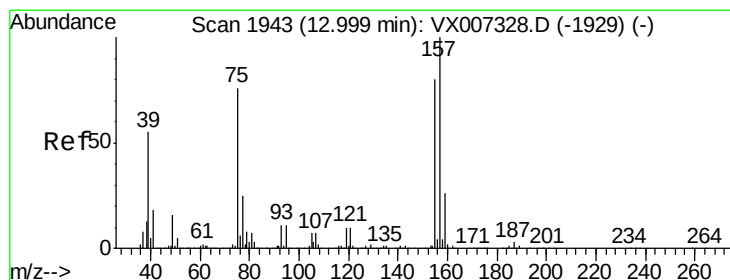
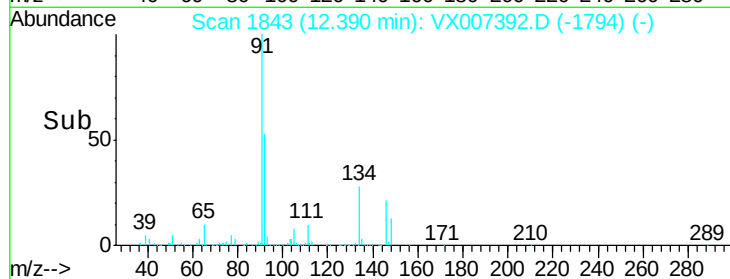
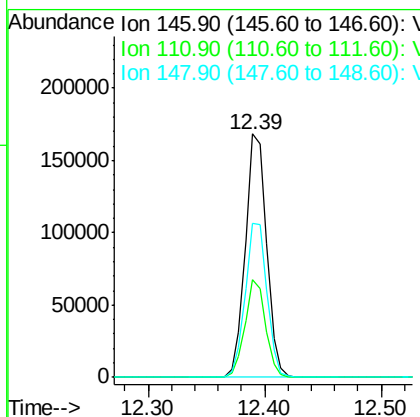
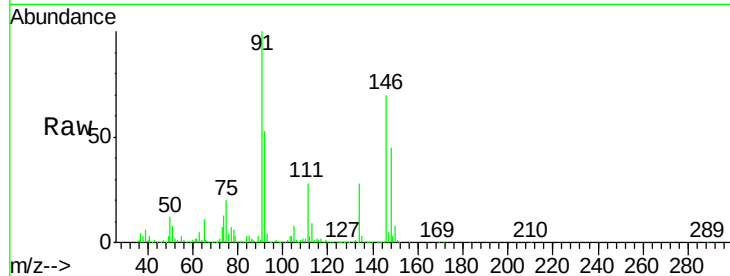
#91
 1,2-Dichlorobenzene
 Concen: 18.050 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	64.8	32.1	96.3

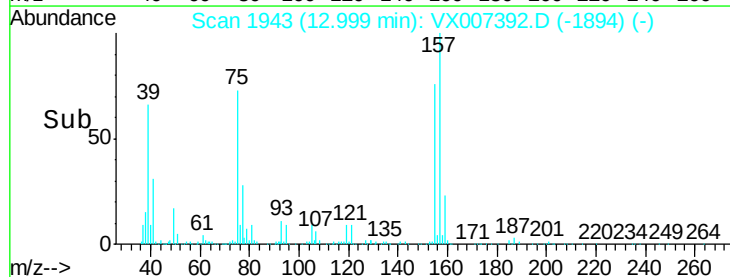
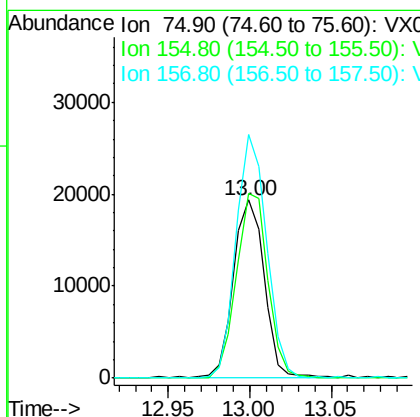
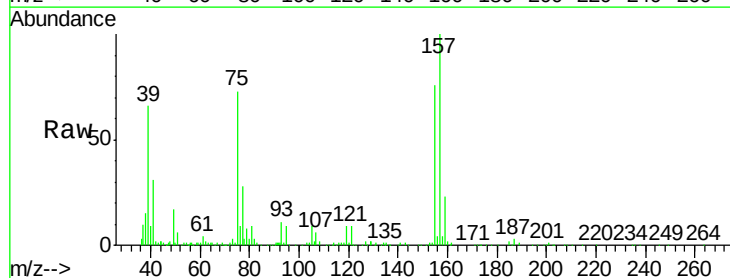
Manual Integrations
 APPROVED

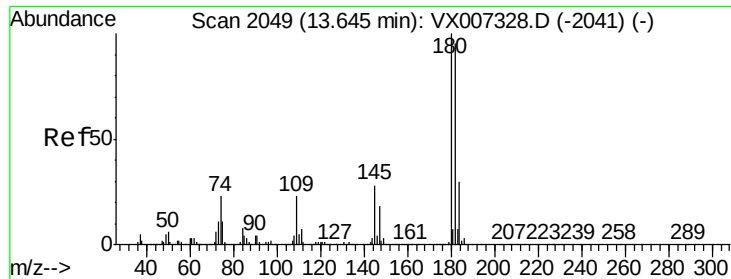
MMDadoda
 2/7/2019 9:52:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.719 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007392.D
 Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.9	49.6	149.0
157	137.0	65.1	195.3





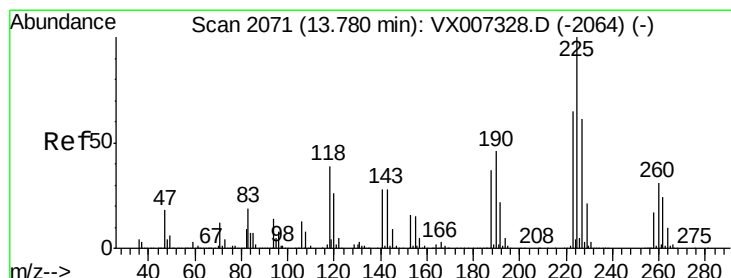
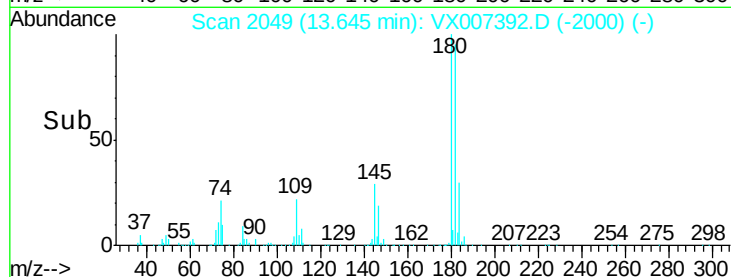
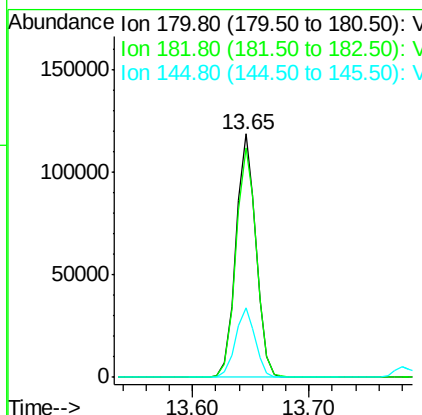
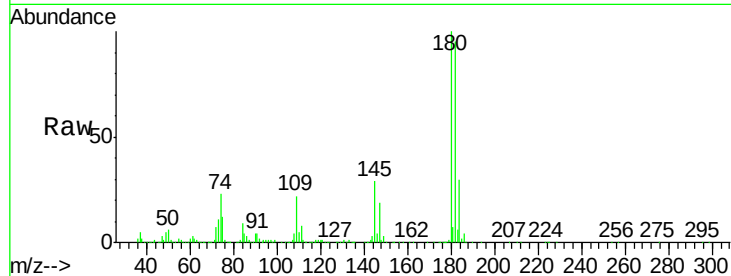
#93
1,2,4-Trichlorobenzene
Concen: 17.566 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142255		
182	96.2	47.8	143.3	
145	28.2	14.1	42.2	

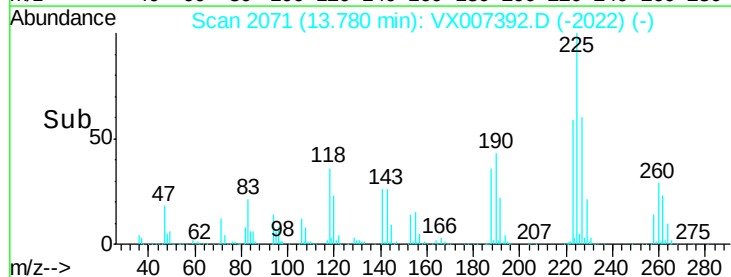
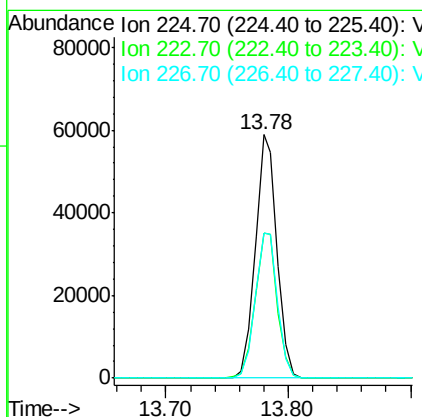
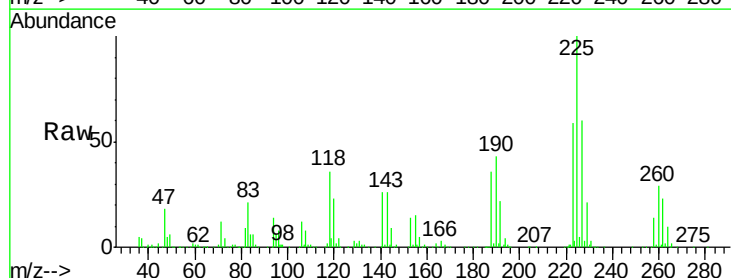
Manual Integrations
APPROVED

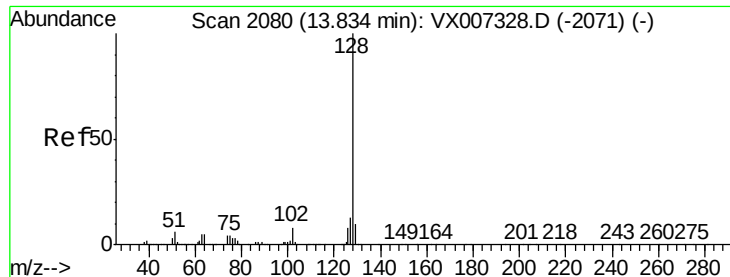
MMDadoda
2/7/2019 9:52:54 AM



#94
Hexachlorobutadiene
Concen: 18.443 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007392.D
Acq: 06 Feb 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72522		
223	61.0	31.6	94.8	
227	61.5	32.1	96.3	





#95

Naphthalene

Concen: 18.772 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Instrument :

MSVOA_X

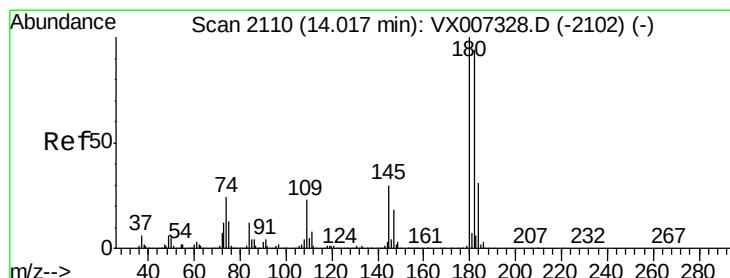
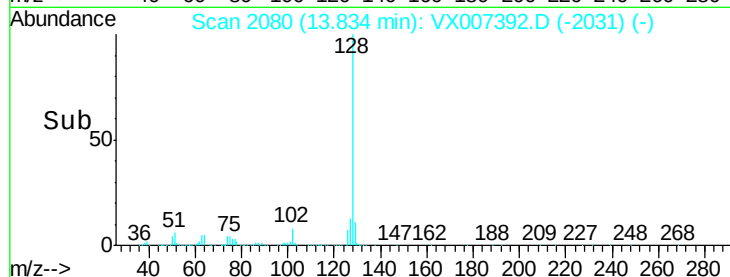
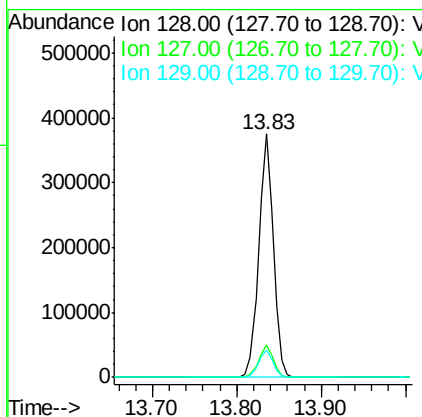
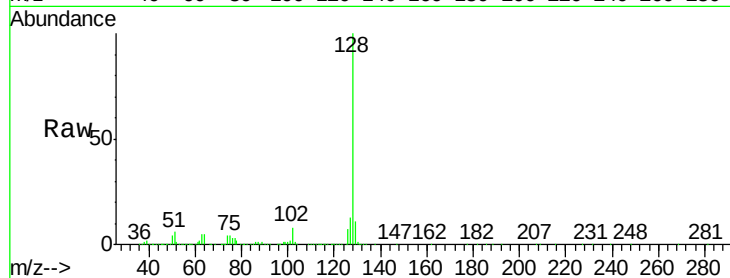
ClientSampled :

VX0206WBS01

Tot Ion:	128	Resp:	444540
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/7/2019 9:52:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.150 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007392.D

Acq: 06 Feb 2019 11:58

Tgt Ion:	180	Resp:	147947
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.6
145	29.5	14.9	44.5

