

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050418\
 Data File : VX001396.D
 Acq On : 04 May 2018 14:22
 Operator : JC/MD
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2018 7:28:01 PM

Quant Time: May 05 05:55:47 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	29405	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	158880	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	149507	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	63951	30.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.50%
60) 4-Bromofluorobenzene	11.14	95	70971	28.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.43%
63) Toluene-d8	8.72	98	193012	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	34071	17.673	ug/l 99
3) Chloromethane	1.32	50	31988	17.777	ug/l 96
4) Vinyl Chloride	1.40	62	35610	18.868	ug/l 100
5) Bromomethane	1.64	94	27365	19.196	ug/l 96
6) Chloroethane	1.73	64	23169	20.063	ug/l 99
7) Trichlorofluoromethane	1.93	101	64812	20.672	ug/l 98
8) Diethyl Ether	2.19	74	22506	20.676	ug/l 87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36882	20.745	ug/l 93
10) 1,1-Dichloroethene	2.37	96	32377	20.101	ug/l 93
11) Methyl Iodide	2.51	142	46882	23.931	ug/l 95
12) Methyl Acetate	2.79	43	57705	27.252	ug/l 97
13) Acrolein	2.30	56	12928	51.190	ug/l 99
14) Acrylonitrile	3.15	53	104124	123.543	ug/l 98
15) Acetone	2.45	58	30518	116.374	ug/l 91
16) Carbon Disulfide	2.57	76	66550	15.535	ug/l 100
17) Allyl chloride	2.73	41	57313	20.052	ug/l 95
18) Methylene Chloride	2.86	84	37320	21.258	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	33988	19.573	ug/l 91
20) Diisopropyl ether	3.88	45	114255	20.312	ug/l 97
21) 1,1-Dichloroethane	3.70	63	65580	21.695	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	36928	19.043	ug/l 97
23) tert-Butyl Alcohol	3.09	59	48567	141.005	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	116965	21.175	ug/l 94
25) Chloroform	5.22	83	62633	19.031	ug/l 99
26) Cyclohexane	5.57	56	46385	16.877	ug/l # 98
29) 1,1-Dichloropropene	5.81	75	42019	17.851	ug/l 98
30) 2-Butanone	4.72	43	139200	115.401	ug/l 97
31) 2,2-Dichloropropane	4.59	77	44144	17.178	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	53598	18.819	ug/l 98
33) Carbon Tetrachloride	5.78	117	46795	18.229	ug/l 97
34) Benzene	6.15	78	133717	19.171	ug/l # 91
35) Methacrylonitrile	5.08	41	27872	20.823	ug/l 91
36) 1,2-Dichloroethane	6.21	62	51602	19.276	ug/l 98
37) Trichloroethene	7.22	130	41153	19.458	ug/l 94
38) Methylcyclohexane	7.47	83	47761	17.244	ug/l 96
39) 1,2-Dichloropropane	7.52	63	33898	19.164	ug/l 97
40) Dibromomethane	7.67	93	24788	19.920	ug/l 87

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Quant Time: May 05 05:55:47 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.91	83	42815	18.212	ug/l	96
42) Vinyl Acetate	3.84	43	506280	106.702	ug/l	98
43) Ethyl Acetate	4.89	43	51442	22.145	ug/l	97
44) Isopropyl Acetate	6.48	43	77686	19.655	ug/l	98
45) 1,4-Dioxane	7.77	88	18210	506.862	ug/l	93
46) Methyl methacrylate	7.79	41	41728	20.292	ug/l	93
47) n-amyl Acetate	10.91	43	69443	18.308	ug/l	98
48) t-1,3-Dichloropropene	8.45	75	49374	17.841	ug/l	97
49) cis-1,3-Dichloropropene	9.05	75	43219	16.304	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	37646	20.370	ug/l	97
51) Ethyl methacrylate	9.19	69	49625	18.845	ug/l	93
52) 1,3-Dichloropropane	9.38	76	58453	19.567	ug/l	99
53) Dibromochloromethane	9.59	129	36151	17.723	ug/l	98
54) 1,2-Dibromoethane	9.68	107	39447	19.942	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	129179	100.142	ug/l	99
56) Bromoform	10.87	173	29465	17.649	ug/l #	98
58) 4-Methyl-2-Pentanone	8.66	43	278922	112.405	ug/l	98
59) 2-Hexanone	9.51	43	216679	112.075	ug/l	97
61) Tetrachloroethene	9.34	164	50844	22.192	ug/l	92
62) Toluene	8.79	91	150602	18.743	ug/l	98
64) Chlorobenzene	10.15	112	101384	18.702	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	37410	18.900	ug/l	98
66) Ethyl Benzene	10.26	91	164051	18.291	ug/l	98
67) m/p-Xylenes	10.37	106	129999	36.490	ug/l	98
68) o-Xylene	10.71	106	63588	18.467	ug/l	98
69) Styrene	10.72	104	103774	18.106	ug/l	100
70) Isopropylbenzene	11.02	105	173553	18.560	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	54018	19.695	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	51999m	21.184	ug/l	
73) Bromobenzene	11.26	156	50680	18.649	ug/l	93
74) n-propylbenzene	11.37	91	192454	18.222	ug/l	98
75) 2-Chlorotoluene	11.43	91	116403	18.260	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	146818	18.427	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	11758	16.100	ug/l	74
78) 4-Chlorotoluene	11.52	91	133744	17.591	ug/l	98
79) tert-butylbenzene	12.07	119	158943	18.643	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	149324	18.415	ug/l	100
81) sec-Butylbenzene	11.95	105	174561	18.868	ug/l	99
82) p-Isopropyltoluene	12.07	119	158943	18.643	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	90188	18.202	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	89495	17.716	ug/l	97
85) n-Butylbenzene	12.40	91	128110	17.377	ug/l	99
86) Hexachloroethane	12.60	117	21493	16.493	ug/l	66
87) 1,2-Dichlorobenzene	12.40	146	93016	18.879	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	11326	19.759	ug/l	90
89) 1,2,4-Trichlorobenzene	13.65	180	67011	17.950	ug/l	97
90) Hexachlorobutadiene	13.79	225	37172	21.449	ug/l	98
91) Naphthalene	13.84	128	193334	19.961	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	71808	19.489	ug/l	98

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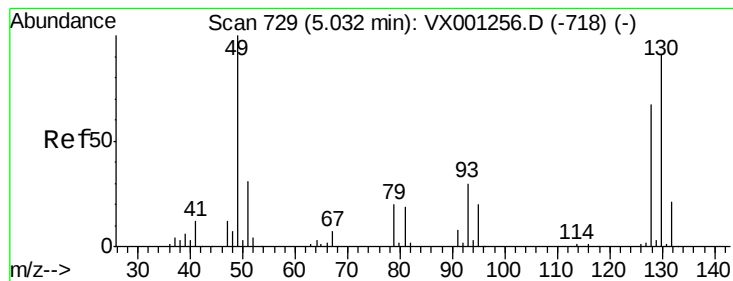
Manual Integrations
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5/7/2018 7:28:01 PM

Quant Time: May 05 05:55:47 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 01 09:17:40 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

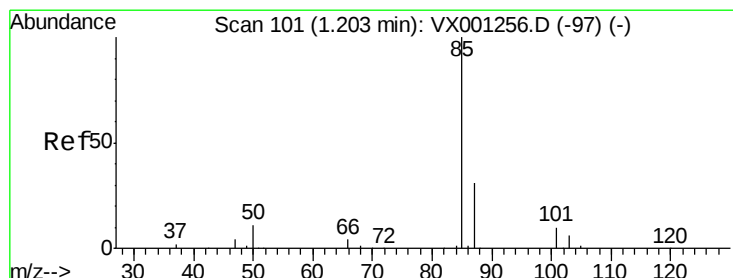
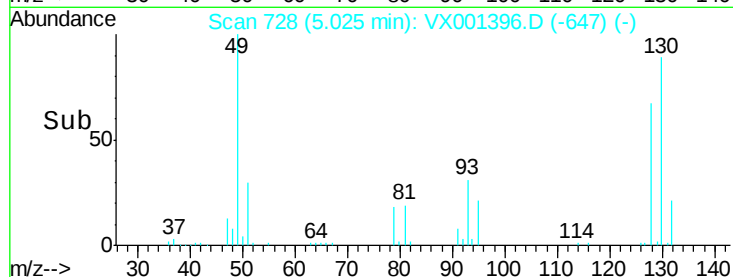
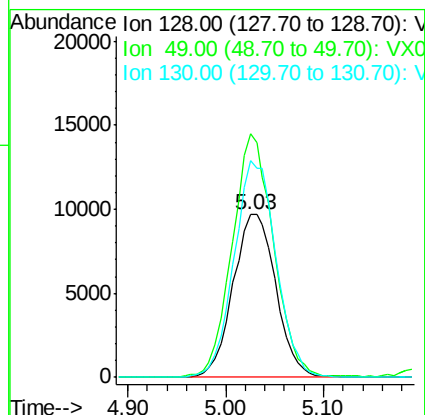
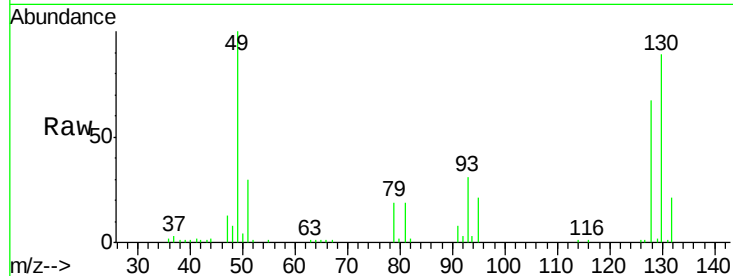
ClientSampleId :

VX0504WBS01

Tot Ion:	128	Resp:	29405
Ion	Ratio	Lower	Upper
128	100		
49	145.1	0.0	378.3
130	130.9	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 17.673 ug/l

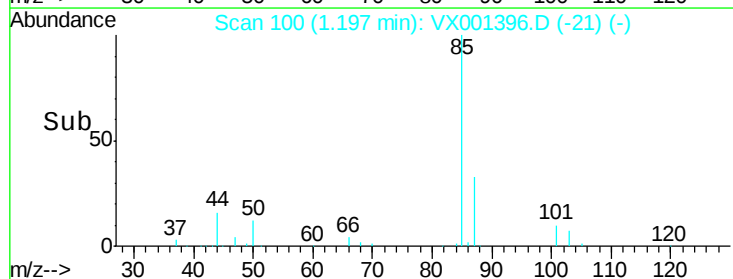
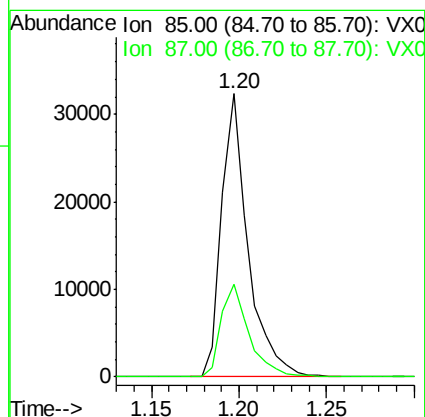
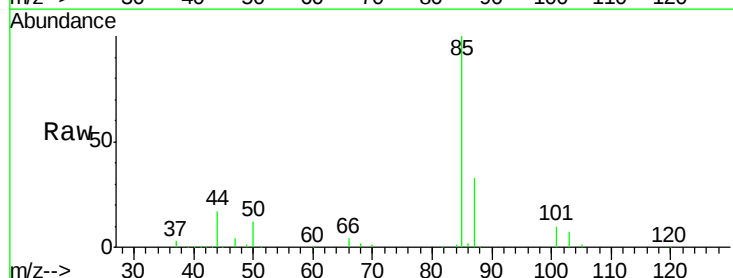
RT: 1.20 min Scan# 100

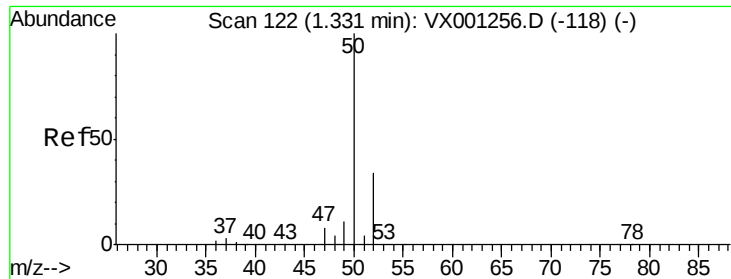
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	85	Resp:	34071
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.7





#3

Chloromethane

Concen: 17.777 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 50 Resp: 31988

Ion Ratio Lower Upper

50 100

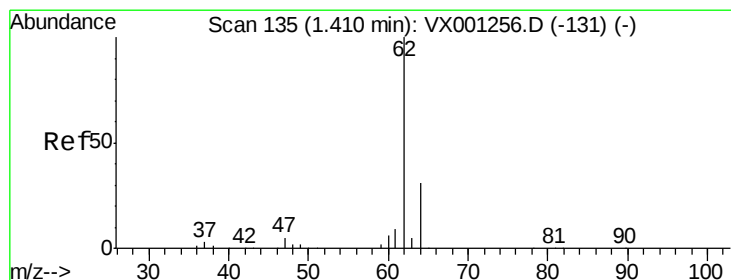
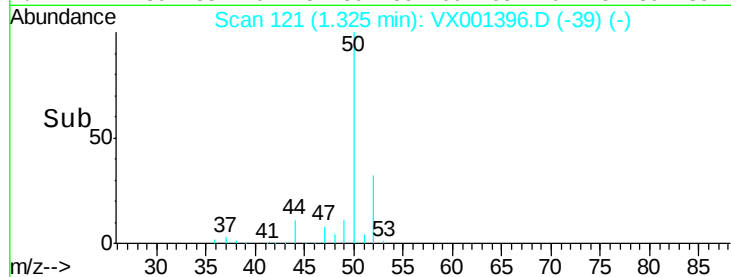
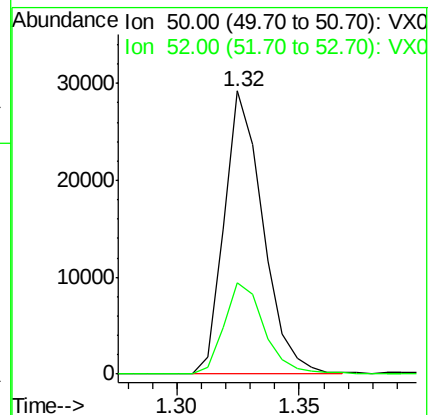
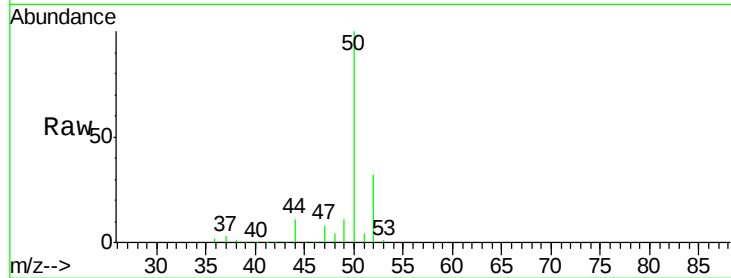
52 32.3 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.868 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001396.D

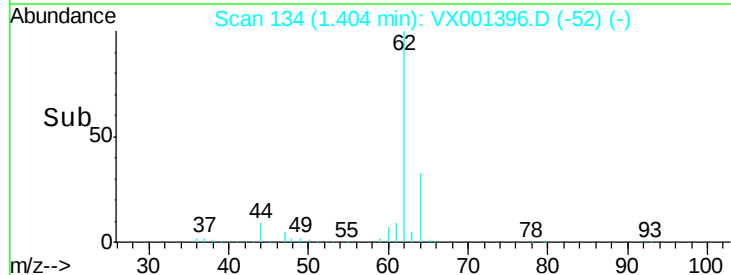
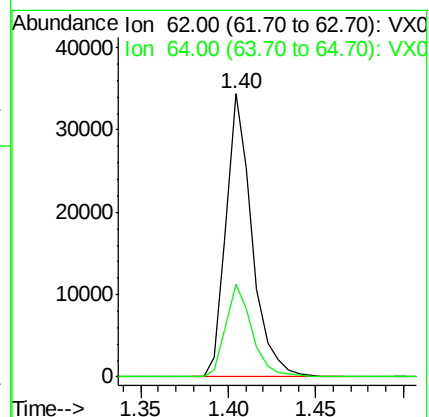
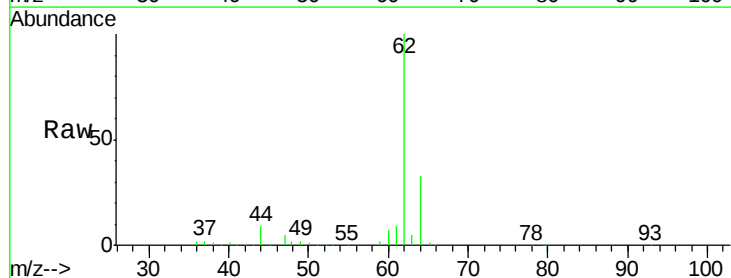
Acq: 04 May 2018 14:22

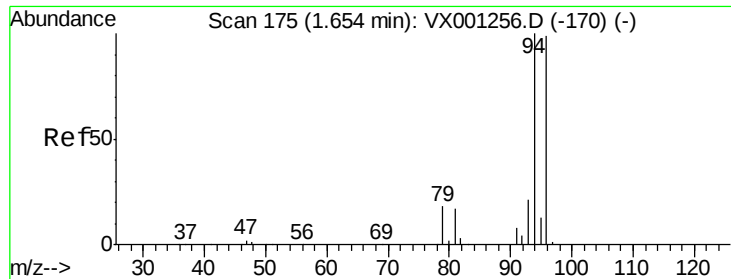
Tgt Ion: 62 Resp: 35610

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0





#5

Bromomethane

Concen: 19.196 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 94 Resp: 27365

Ion Ratio Lower Upper

94 100

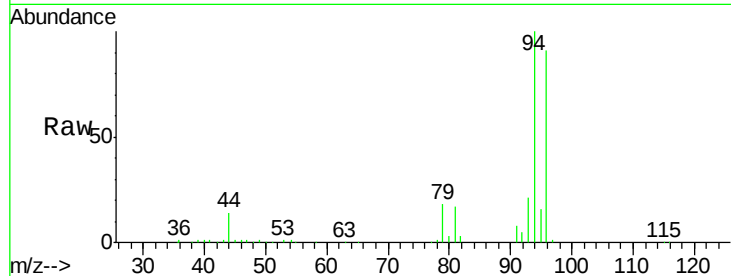
96 91.0 76.2 114.2

Manual Integrations

APPROVED

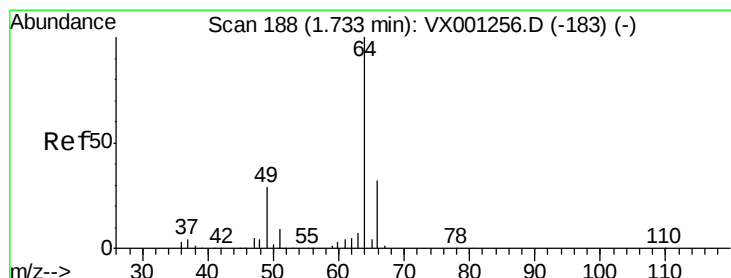
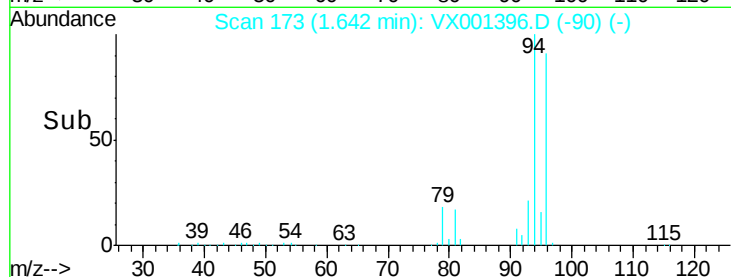
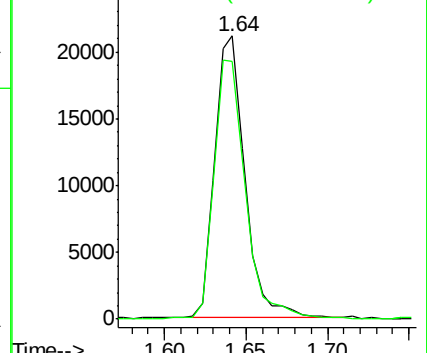
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.063 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001396.D

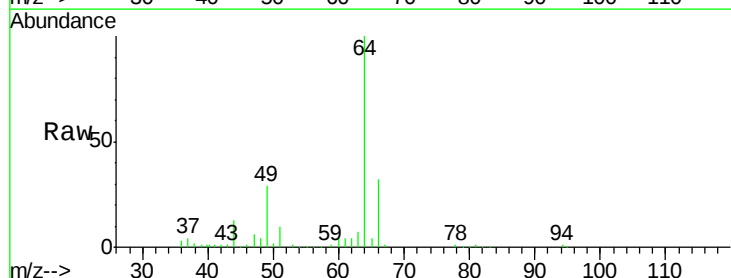
Acq: 04 May 2018 14:22

Tgt Ion: 64 Resp: 23169

Ion Ratio Lower Upper

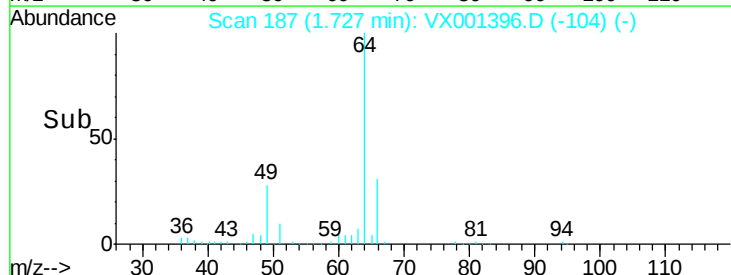
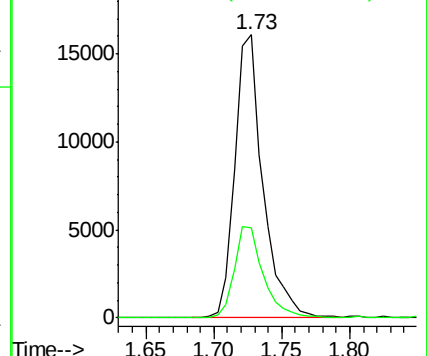
64 100

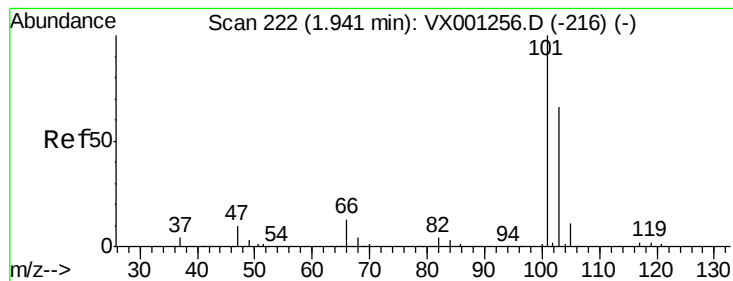
66 31.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

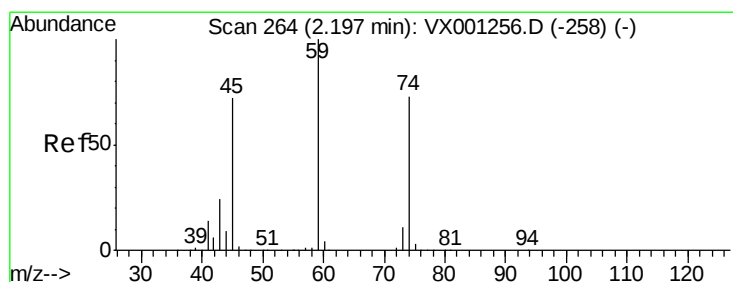
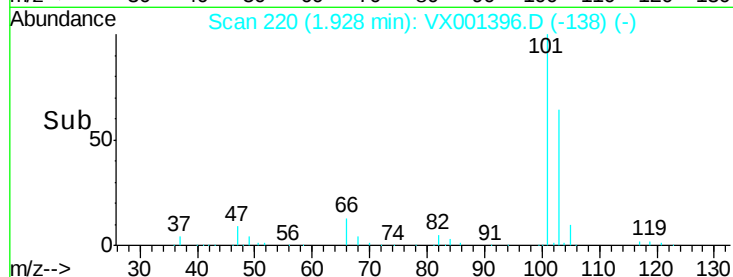
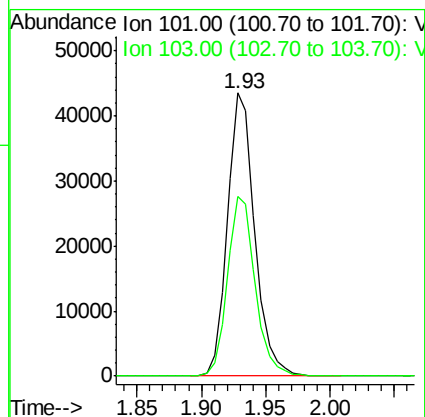
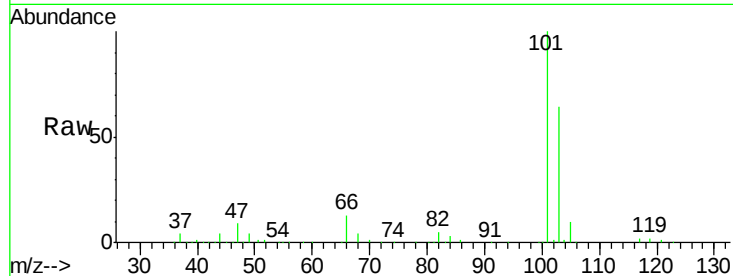
Trichlorofluoromethane
Concen: 20.672 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
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VX0504WBS01

Tot Ion:101 Resp: 64812
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

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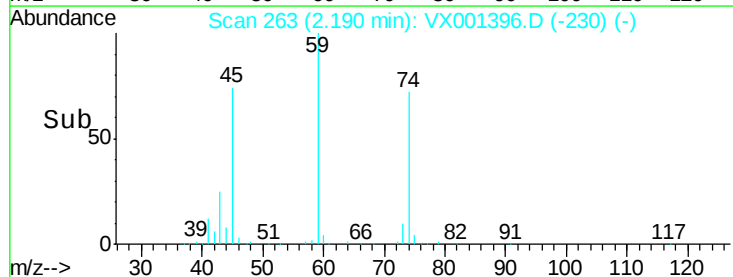
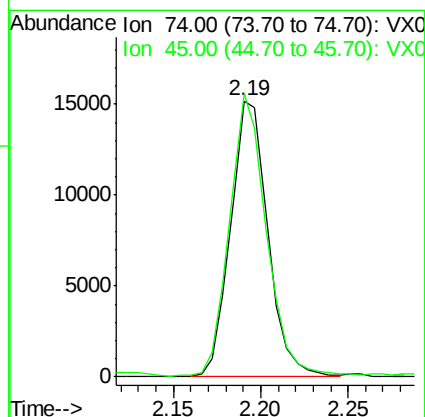
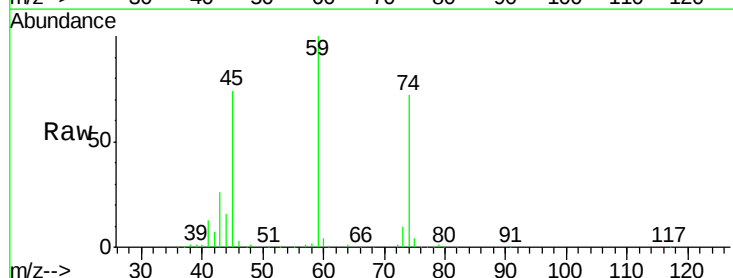
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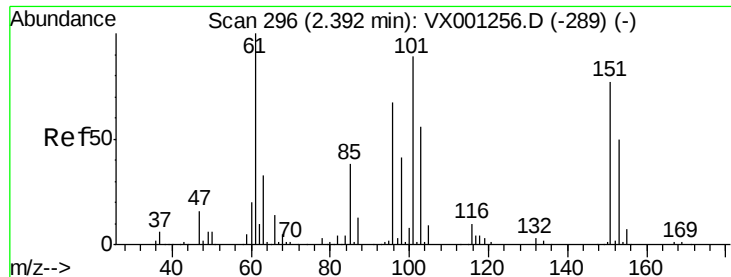


#8

Diethyl Ether
Concen: 20.676 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 74 Resp: 22506
Ion Ratio Lower Upper
74 100
45 100.9 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.745 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

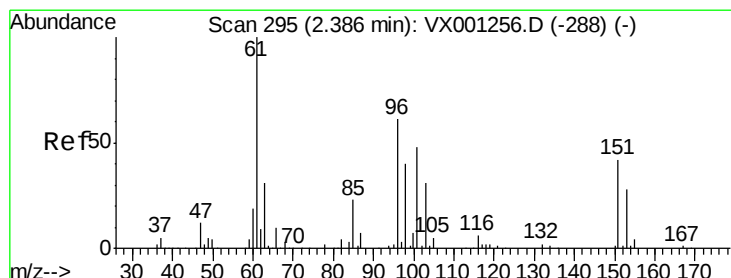
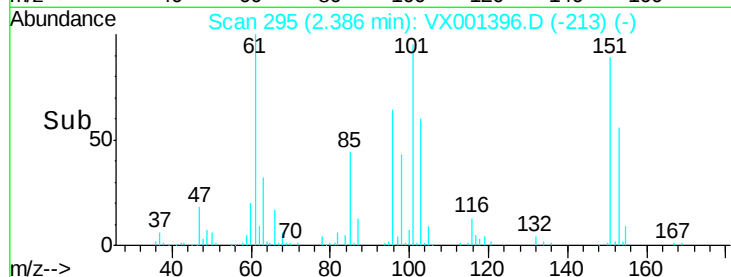
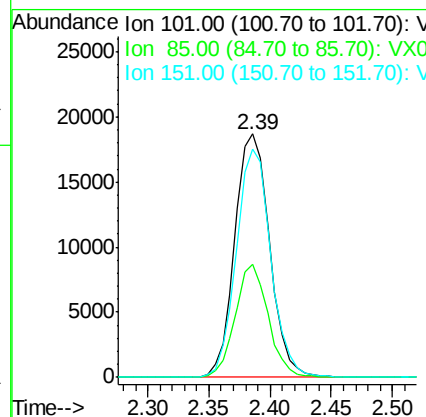
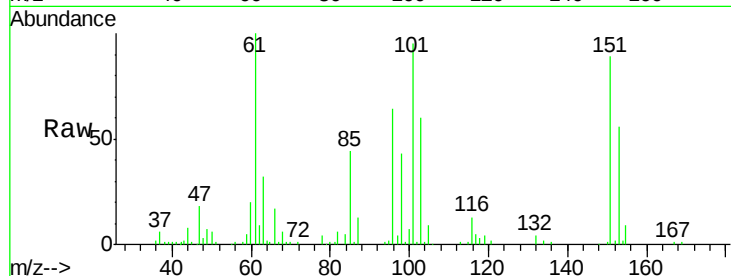
ClientSampled :

VX0504WBS01

Tot Ion:	101	Resp:	36882
Ion Ratio	Lower	Upper	
101	100		
85	43.7	0.0	90.4
151	92.7	0.0	167.6

Manual Integrations
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5/7/2018 7:28:01 PM



#10

1,1-Dichloroethene

Concen: 20.101 ug/l

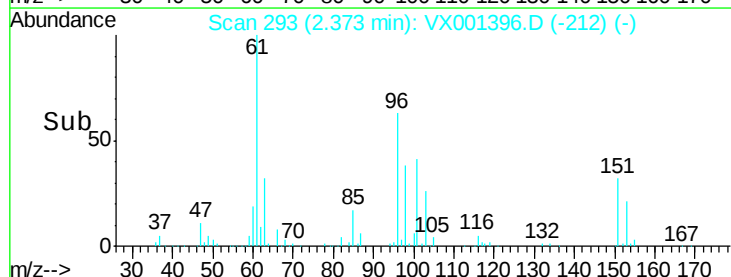
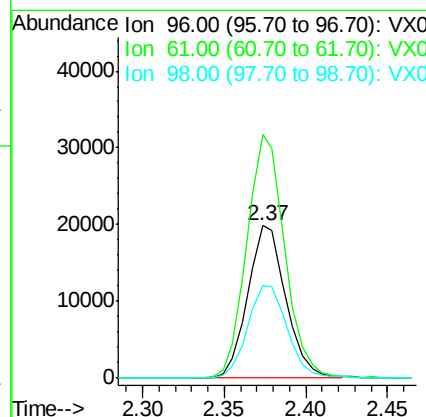
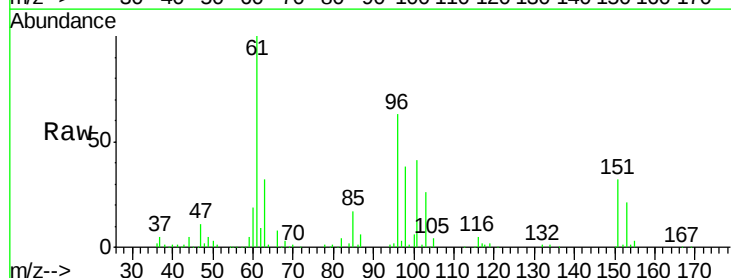
RT: 2.37 min Scan# 293

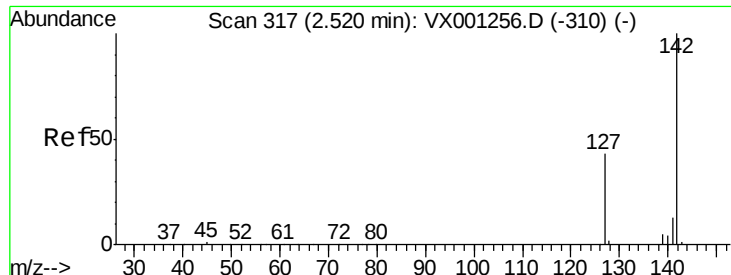
Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	96	Resp:	32377
Ion Ratio	Lower	Upper	
96	100		
61	159.5	118.6	178.0
98	60.8	51.0	76.6





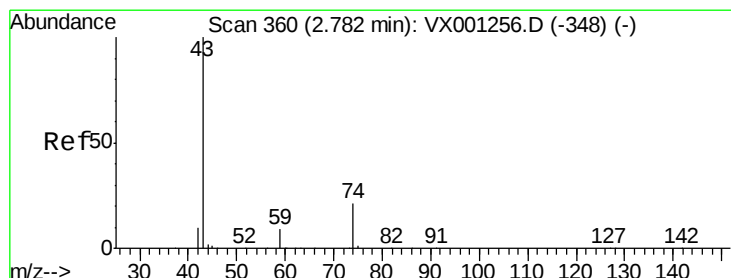
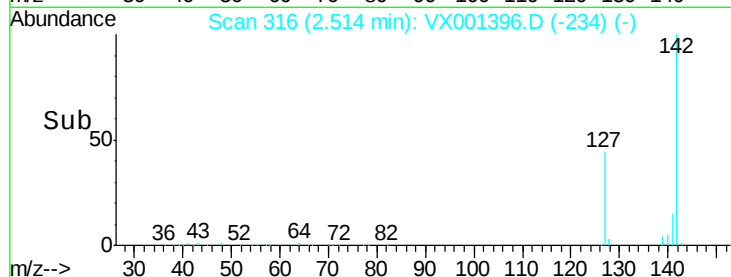
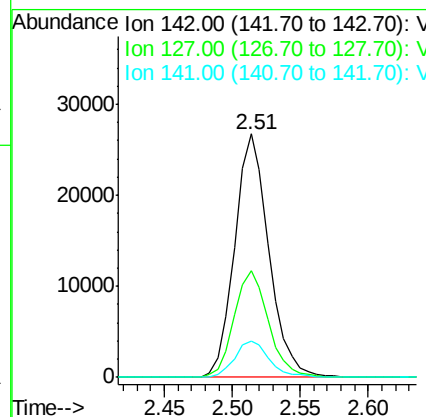
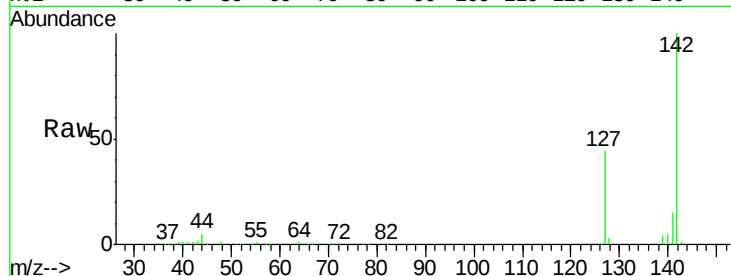
#11
Methyl Iodide
Concen: 23.931 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.9	23.8	71.5
141	14.7	8.2	24.4

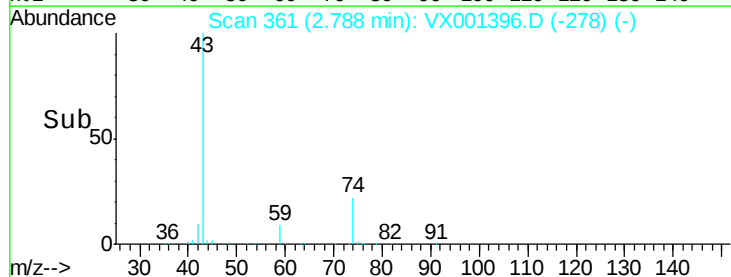
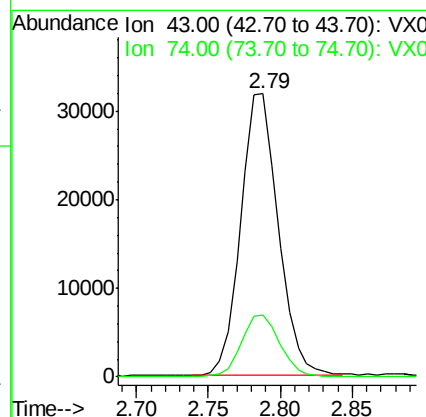
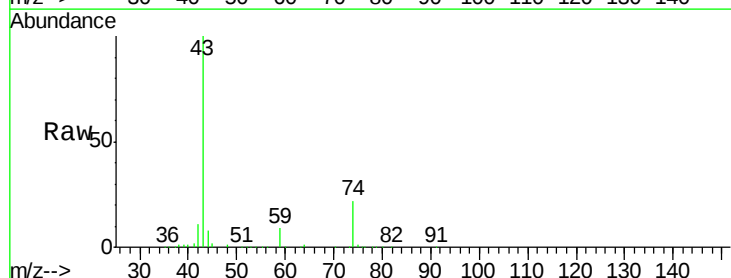
Manual Integrations
APPROVED

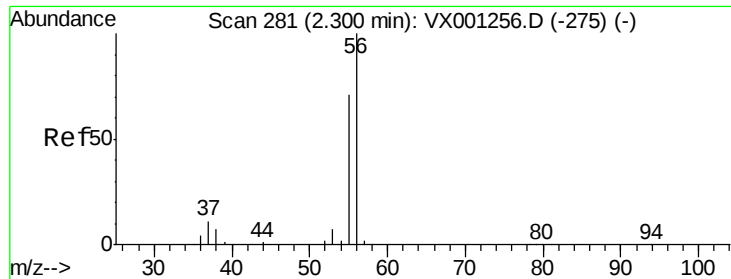
MMDadoda
5/7/2018 7:28:01 PM



#12
Methyl Acetate
Concen: 27.252 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	18.6	27.8





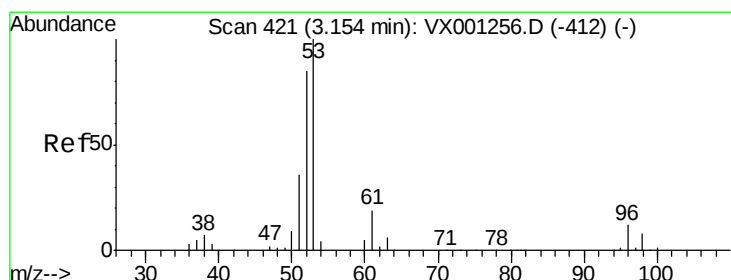
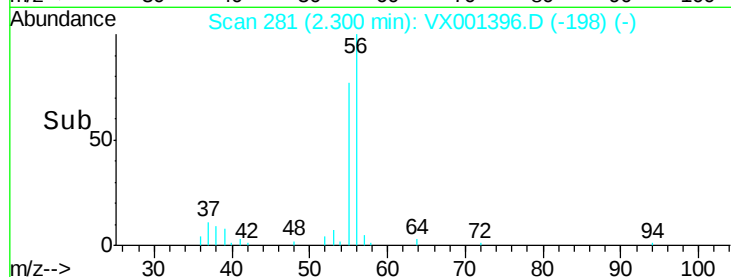
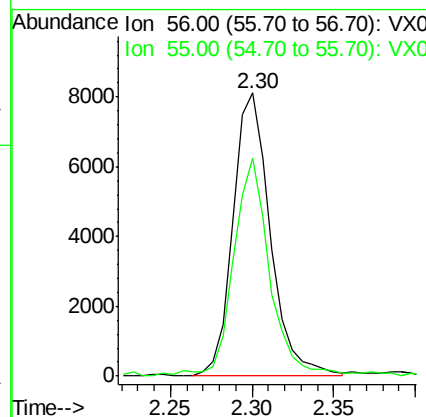
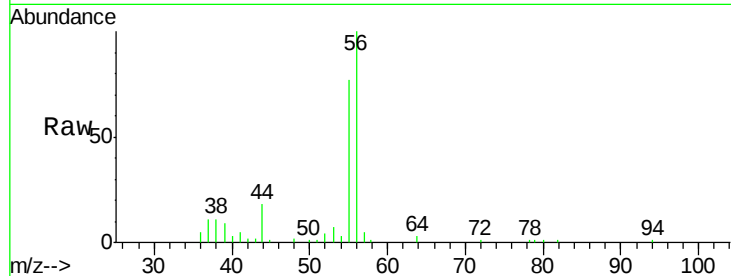
#13
Acrolein
Concen: 51.190 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	56	55	Ratio	Lower	Upper
12928	100	70.7		57.3	85.9

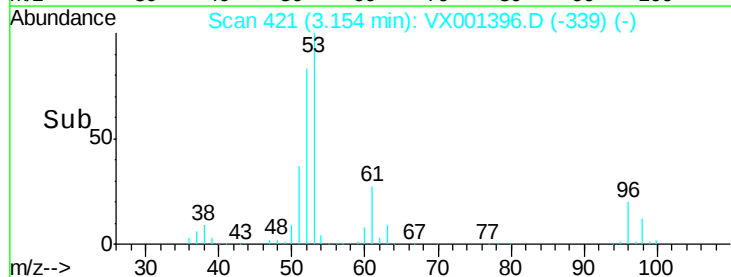
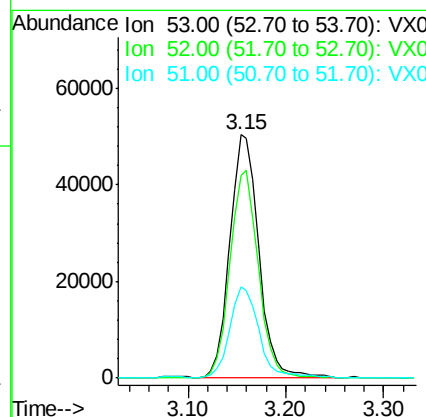
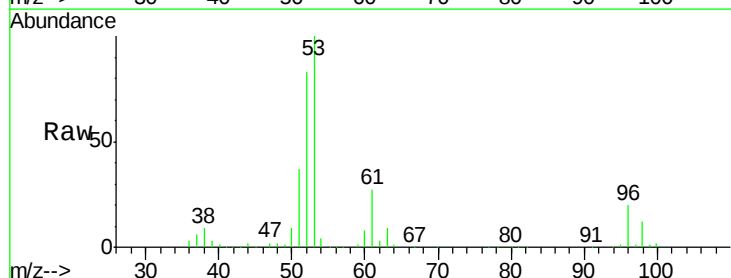
Manual Integrations
APPROVED

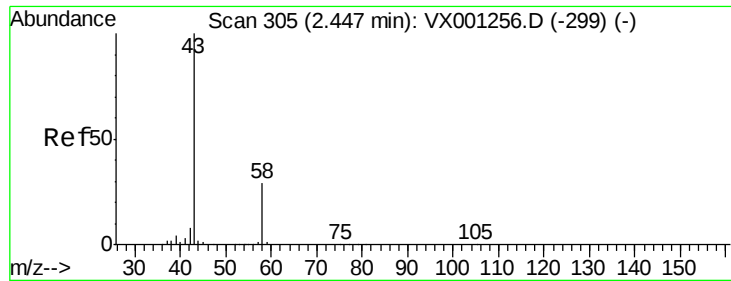
MMDadoda
5/7/2018 7:28:01 PM



#14
Acrylonitrile
Concen: 123.543 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	53	52	51	Ratio	Lower	Upper
104124	100	82.2	36.3		41.9	125.8
					18.8	56.3





#15

Acetone

Concen: 116.374 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

Tot Ion: 58 Resp: 30518

Ion Ratio Lower Upper

58 100

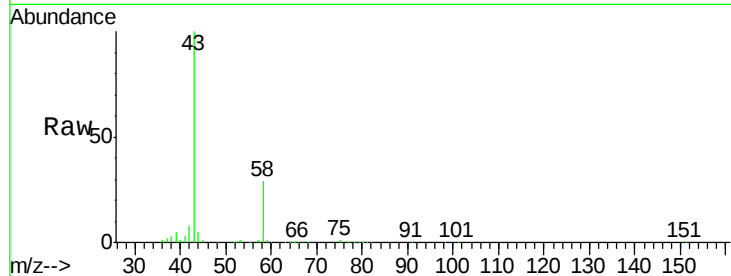
43 348.9 264.6 396.8

Manual Integrations

APPROVED

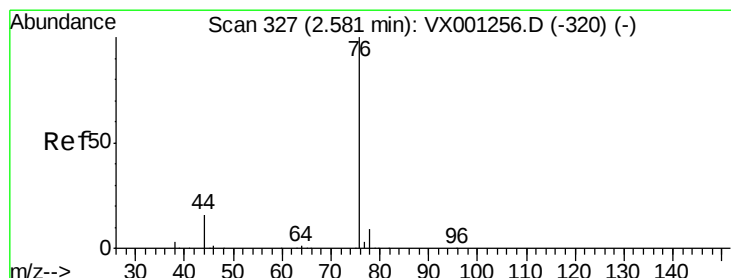
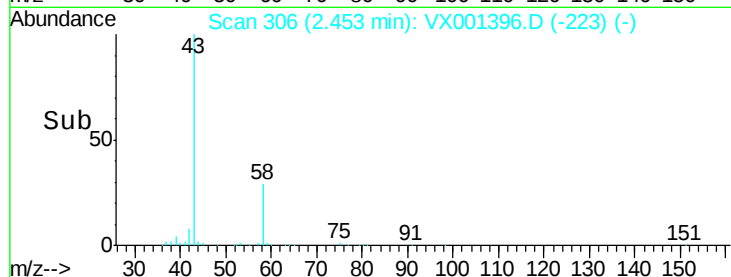
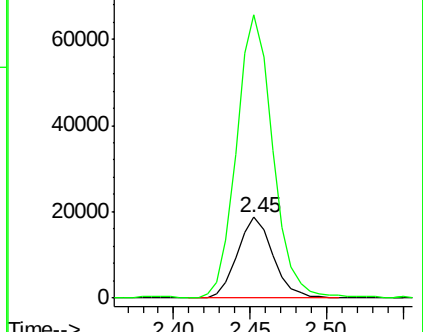
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 15.535 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001396.D

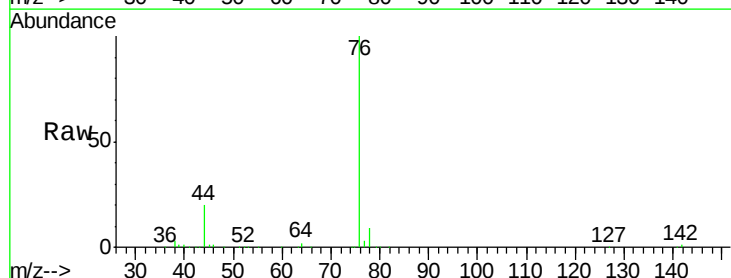
Acq: 04 May 2018 14:22

Tgt Ion: 76 Resp: 66550

Ion Ratio Lower Upper

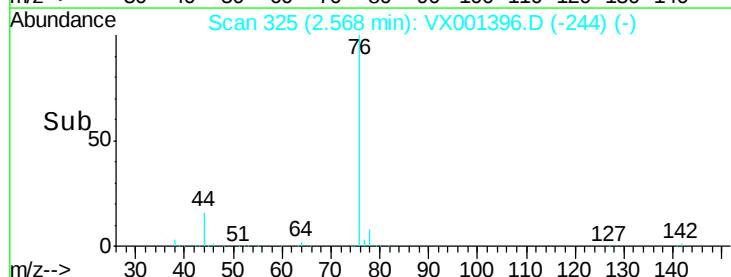
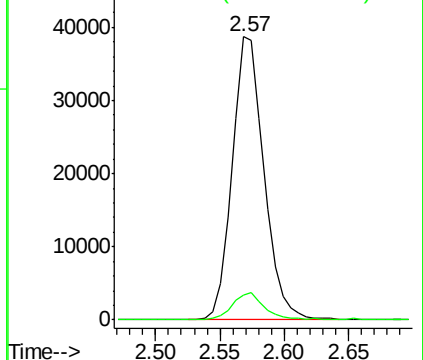
76 100

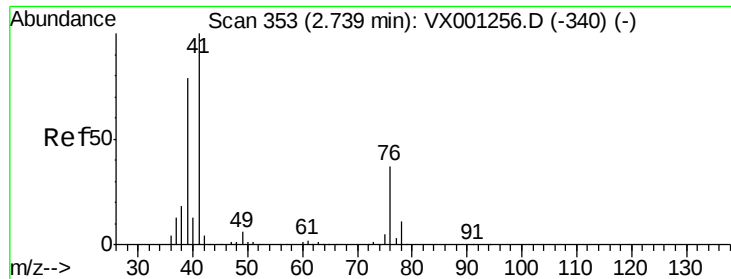
78 8.4 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 20.052 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

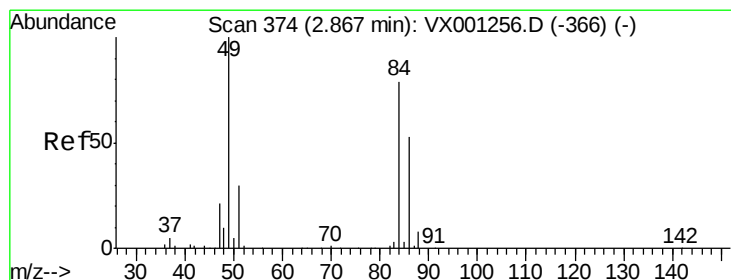
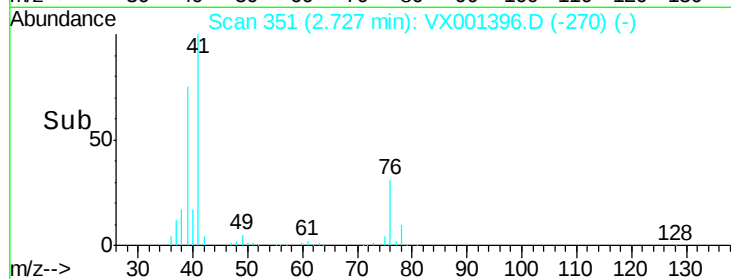
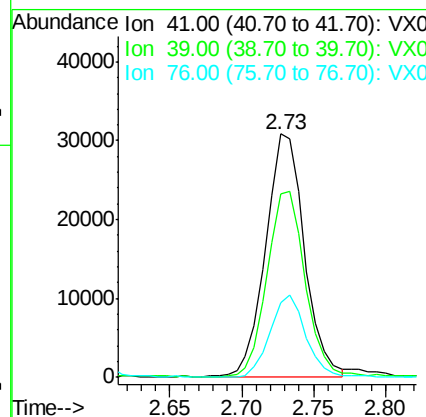
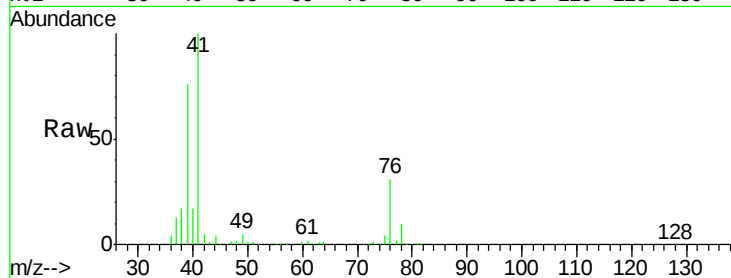
ClientSampleId :

VX0504WBS01

Tot Ion:	41	Resp:	57313
Ion	Ratio	Lower	Upper
41	100		
39	75.3	38.5	115.5
76	30.7	18.7	56.1

Manual Integrations
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#18

Methylene Chloride

Concen: 21.258 ug/l

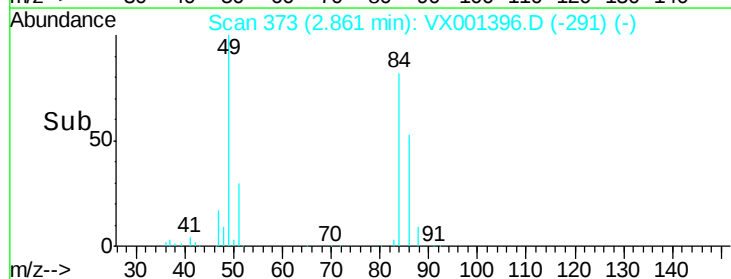
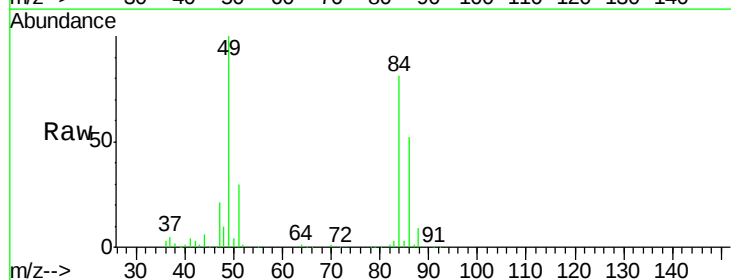
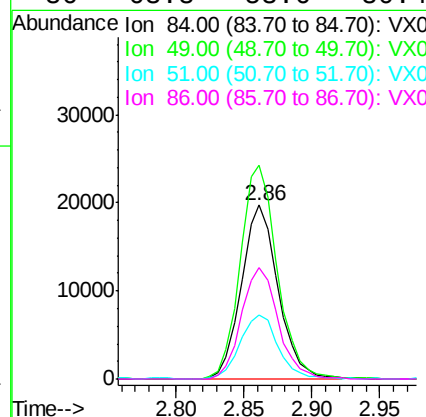
RT: 2.86 min Scan# 373

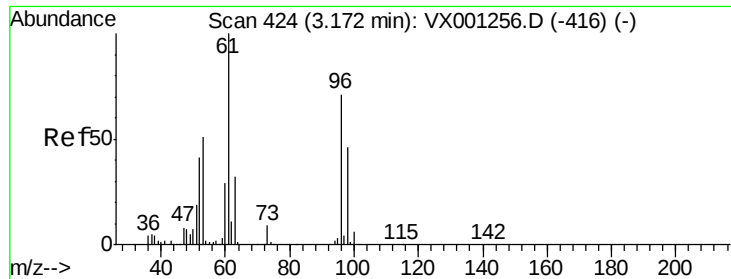
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	84	Resp:	37320
Ion	Ratio	Lower	Upper
84	100		
49	122.9	103.3	154.9
51	36.9	31.2	46.8
86	63.8	53.6	80.4





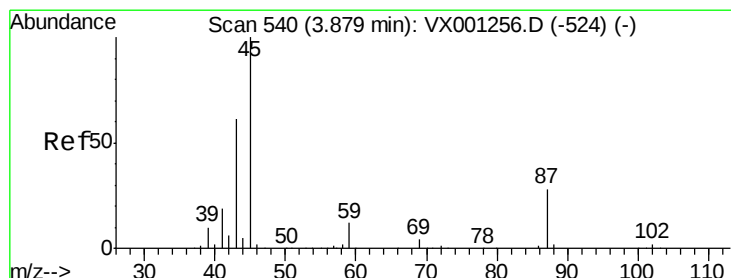
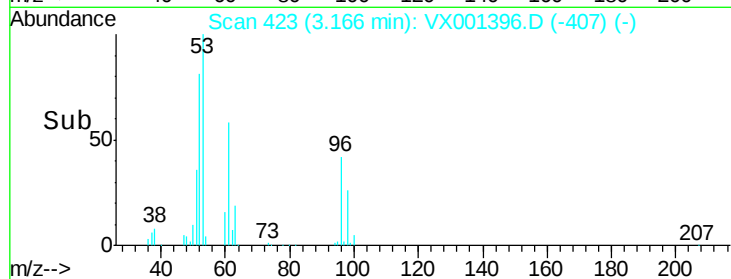
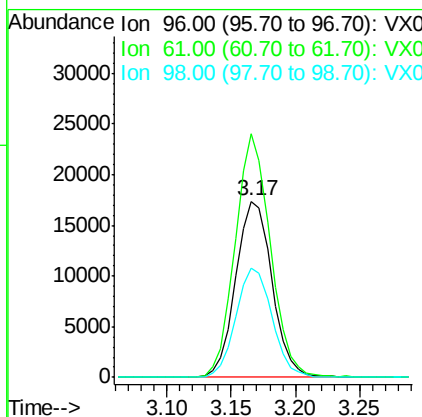
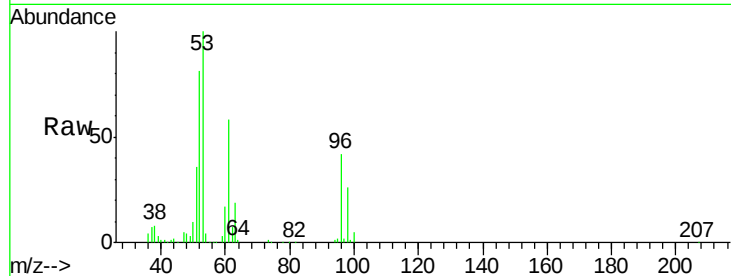
#19
trans-1,2-Dichloroethene
Concen: 19.573 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	138.2	101.0	151.6		
98	61.9	53.3	79.9		

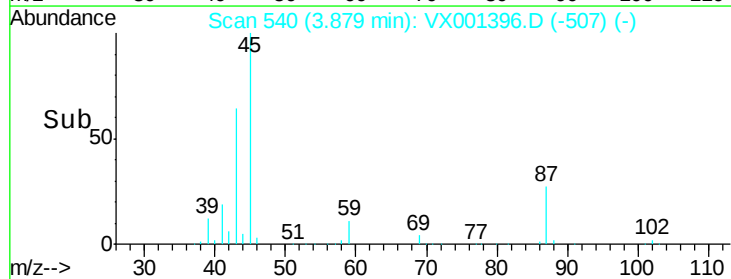
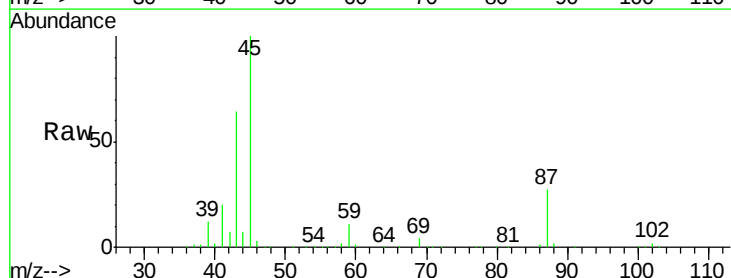
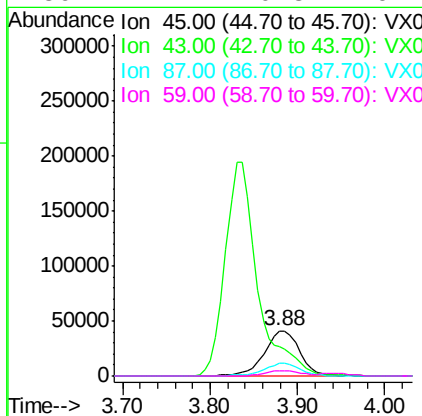
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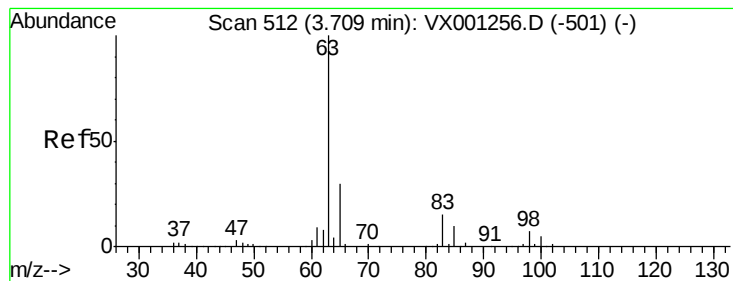
MMDadoda
5/7/2018 7:28:01 PM



#20
Diisopropyl ether
Concen: 20.312 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
43	63.8	49.6	74.4		
87	27.1	23.1	34.7		
59	11.2	10.8	16.2		





#21

1,1-Dichloroethane

Concen: 21.695 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

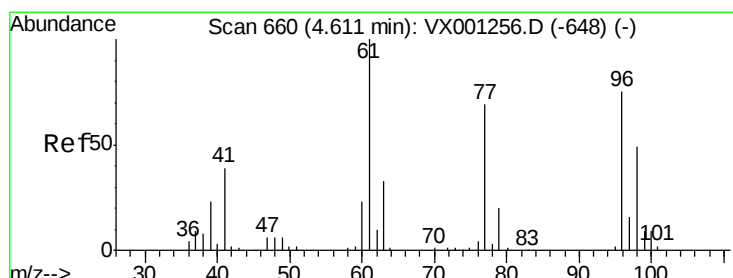
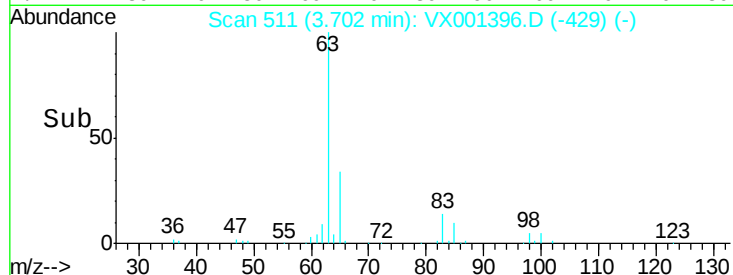
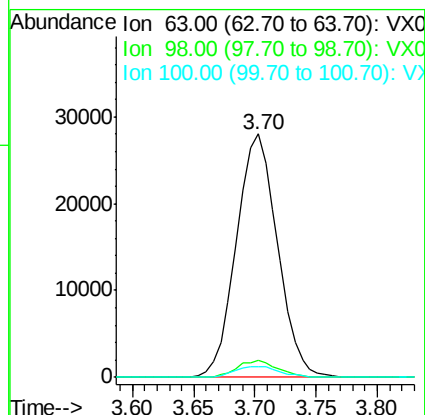
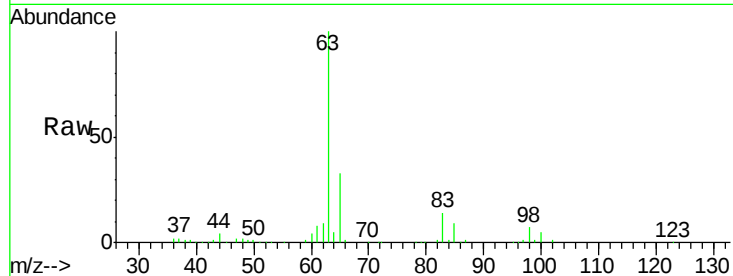
ClientSampleId :

VX0504WBS01

Tot Ion:	63	Resp:	65580
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.3	9.9
100	4.5	2.1	6.5

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#22

cis-1,2-Dichloroethene

Concen: 19.043 ug/l

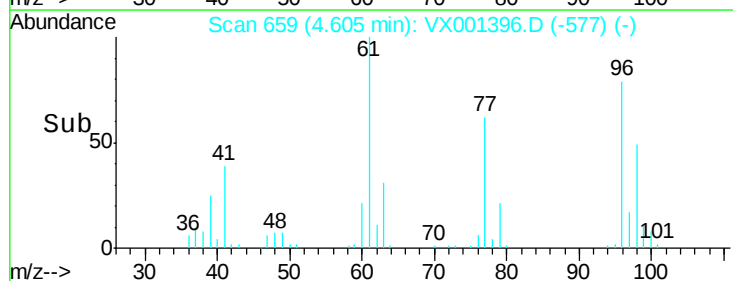
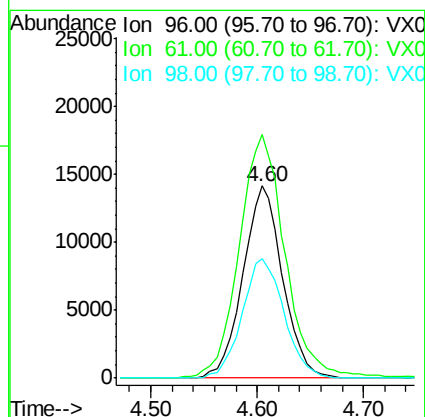
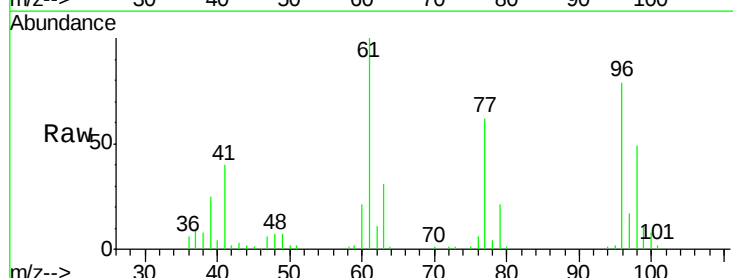
RT: 4.60 min Scan# 659

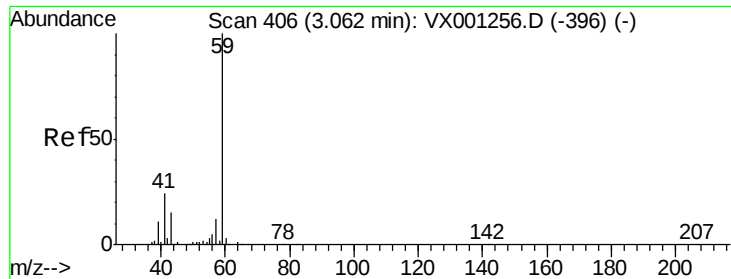
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	96	Resp:	36928
Ion Ratio	Lower	Upper	
96	100		
61	146.2	113.5	170.3
98	65.6	51.8	77.8





#23

tert-Butyl Alcohol

Concen: 141.005 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 59 Resp: 48567

Ion Ratio Lower Upper

59 100

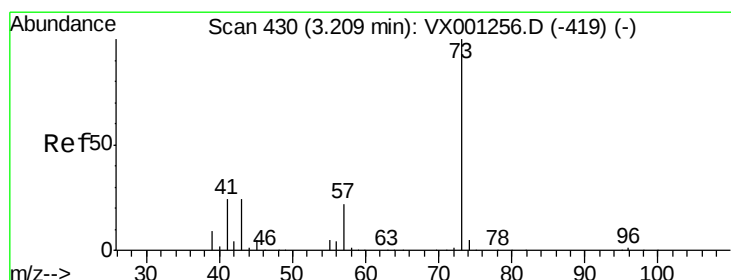
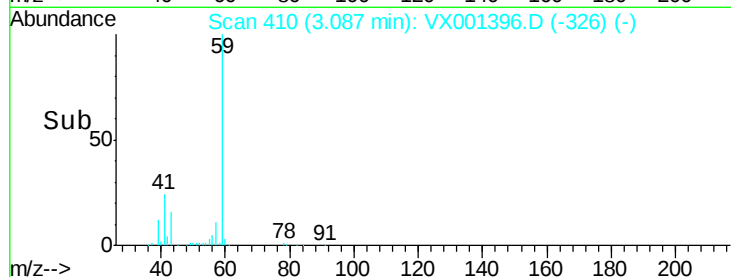
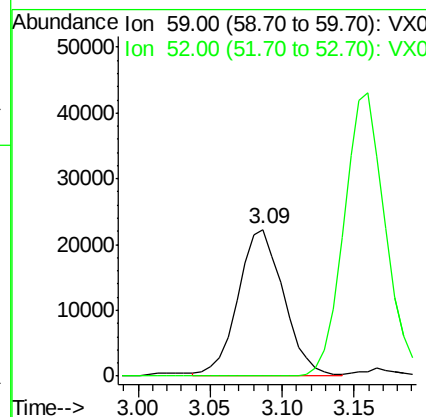
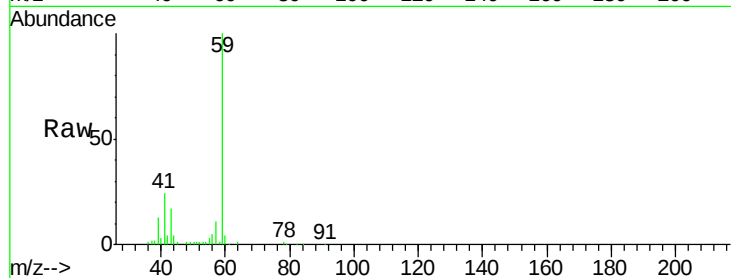
52 0.3 0.1 0.1#

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#24

Methyl tert-Butyl Ether

Concen: 21.175 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001396.D

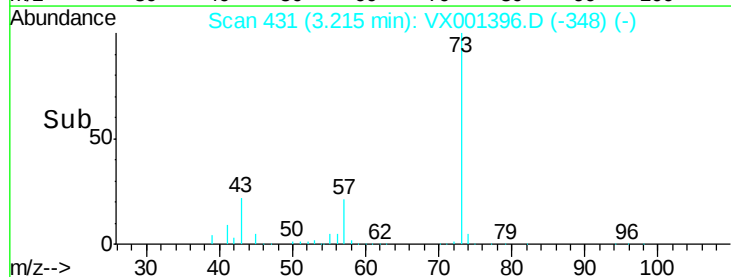
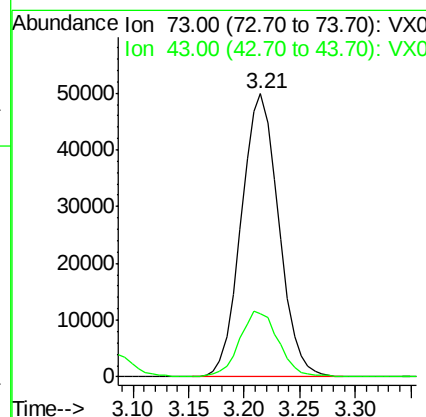
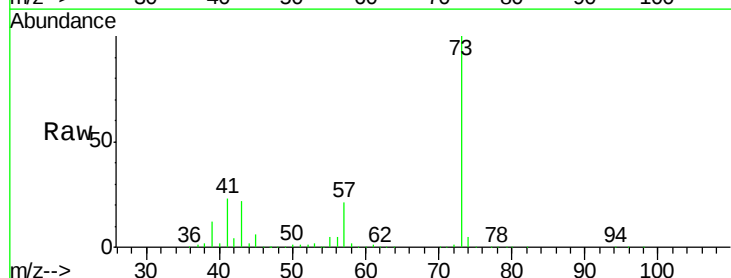
Acq: 04 May 2018 14:22

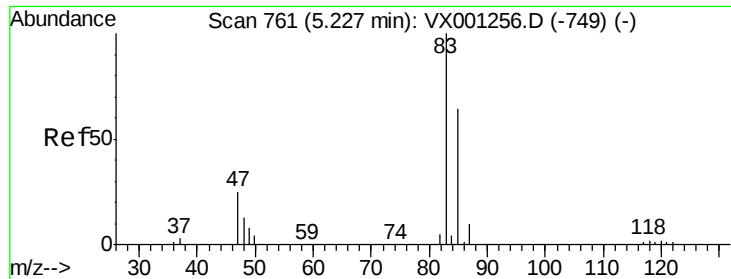
Tgt Ion: 73 Resp: 116965

Ion Ratio Lower Upper

73 100

43 23.3 16.5 24.7





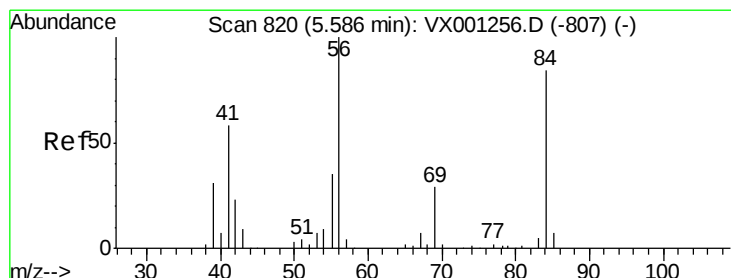
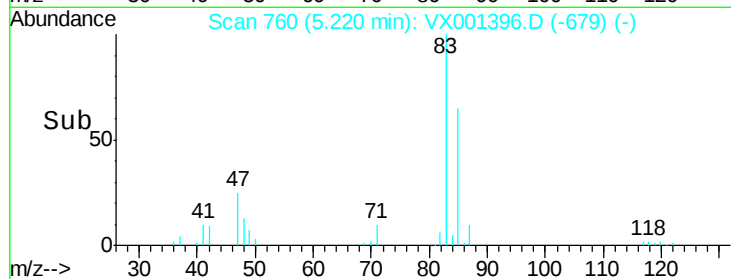
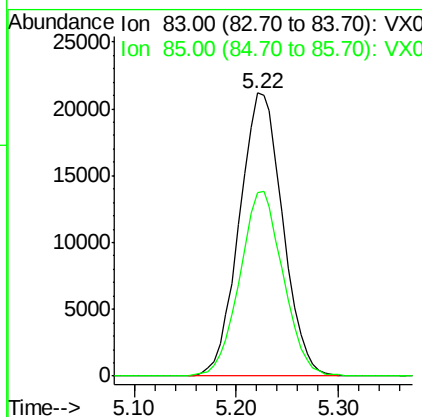
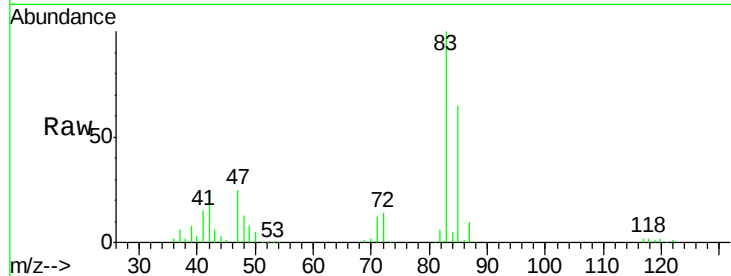
#25
Chloroform
Concen: 19.031 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion: 83 Resp: 62633
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7

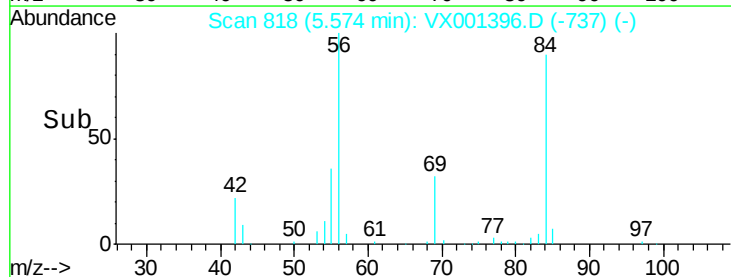
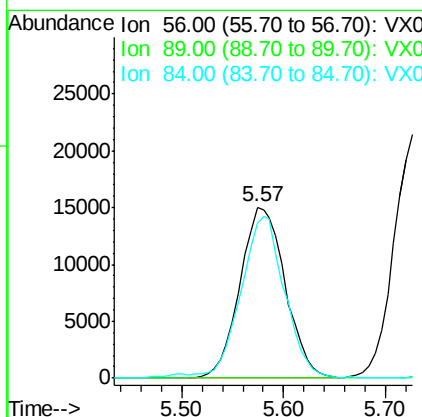
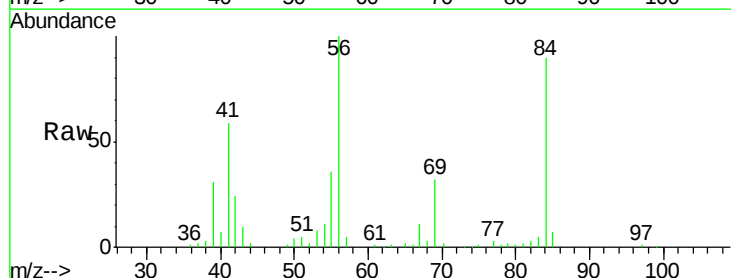
Manual Integrations
APPROVED

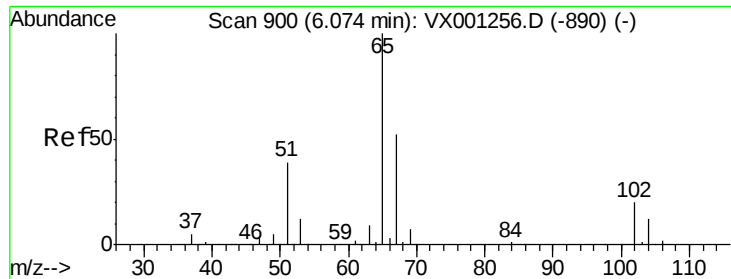
MMDadoda
5/7/2018 7:28:01 PM



#26
Cyclohexane
Concen: 16.877 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 56 Resp: 46385
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 74.8 112.2





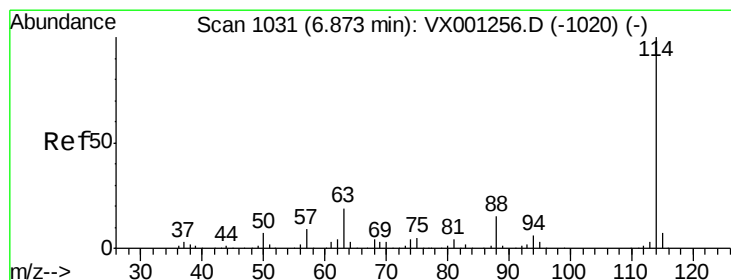
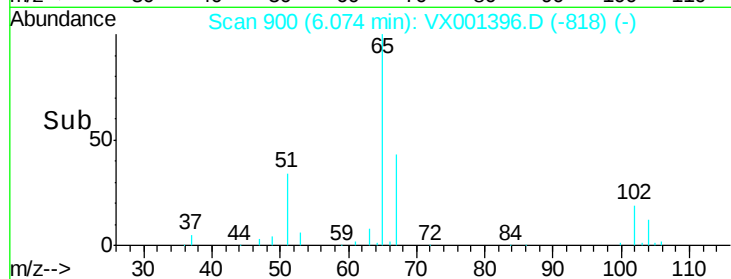
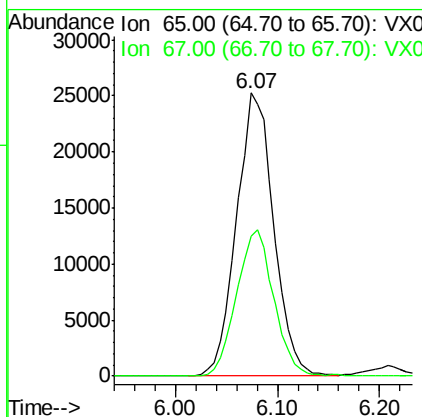
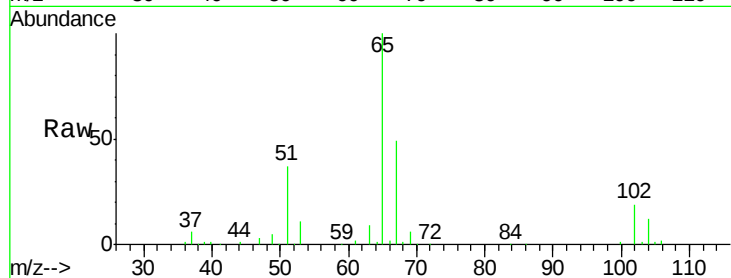
#27
 1,2-Dichloroethane-d4
 Concen: 30.151 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	41.4	62.2

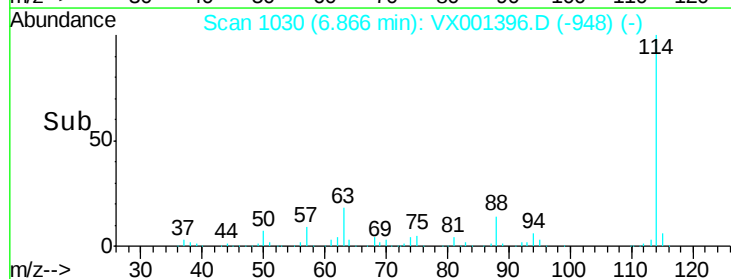
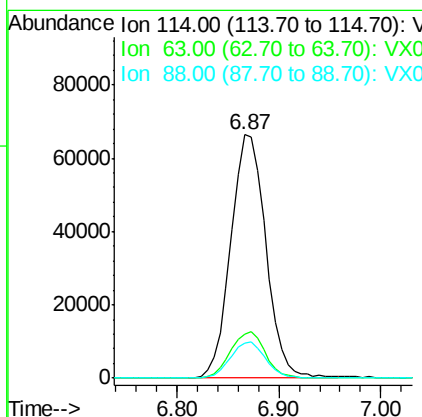
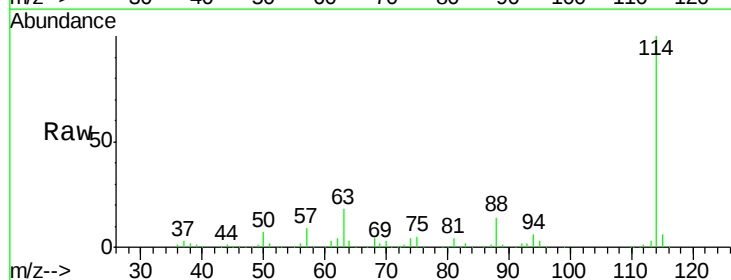
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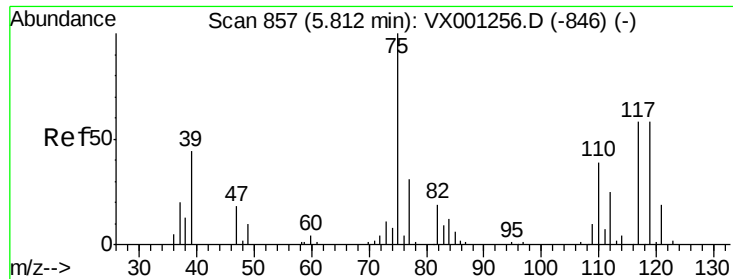
MMDadoda
 5/7/2018 7:28:01 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.8	15.0	22.4
88	14.6	11.8	17.8





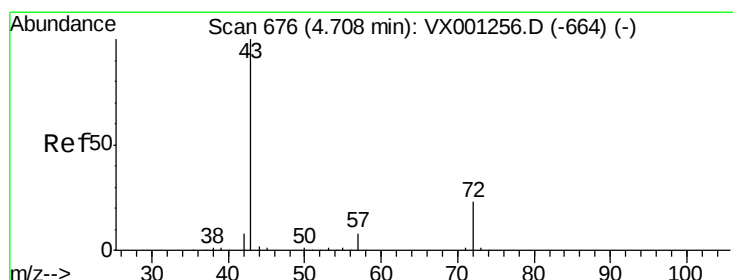
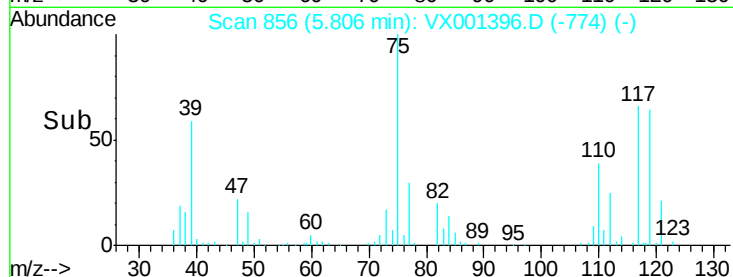
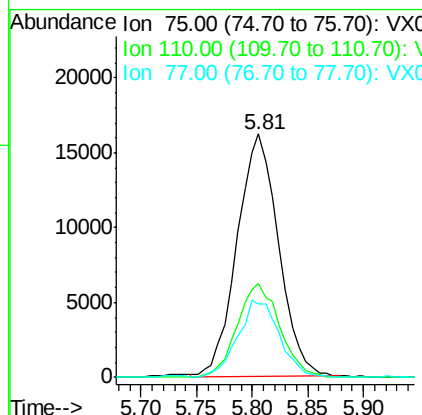
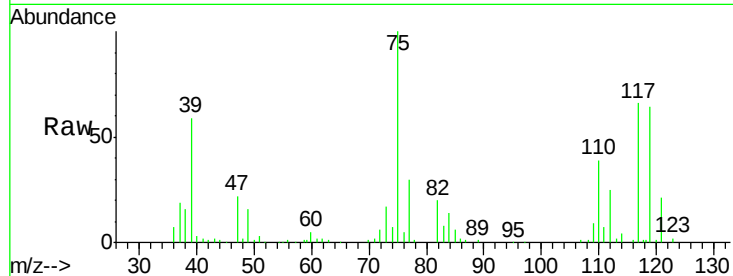
#29
 1,1-Dichloropropene
 Concen: 17.851 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.5	0.0	75.6
77	31.8	0.0	62.6

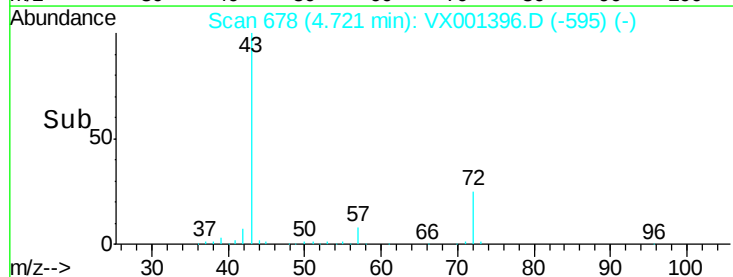
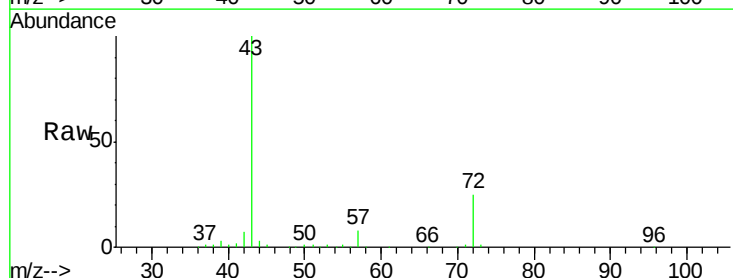
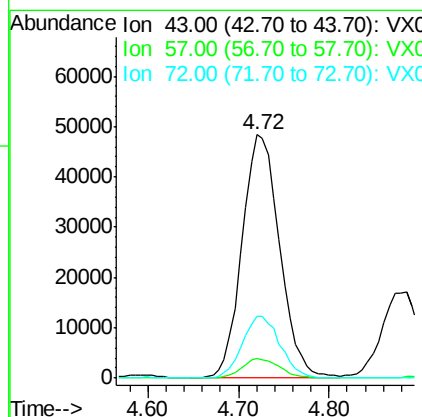
Manual Integrations
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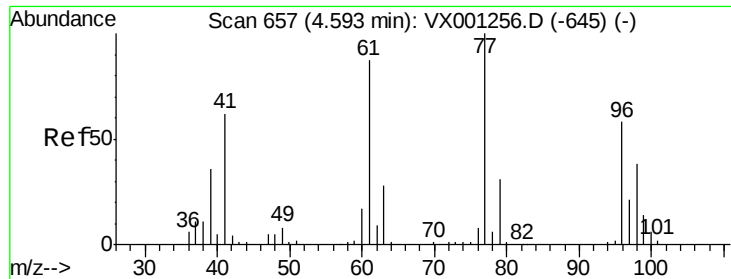
MMDadoda
 5/7/2018 7:28:01 PM



#30
 2-Butanone
 Concen: 115.401 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.6	21.8	32.6





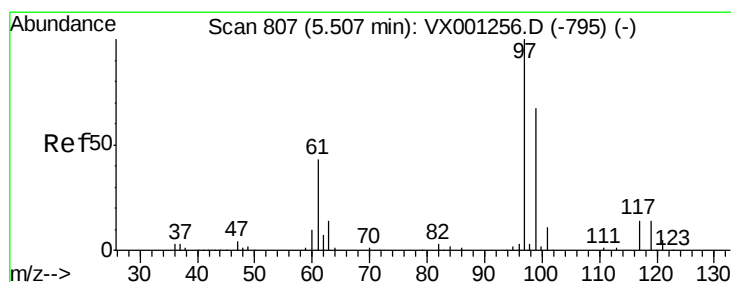
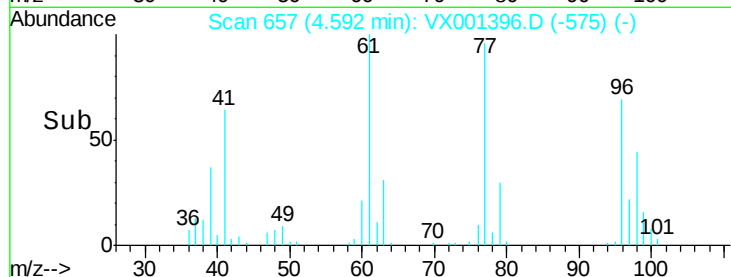
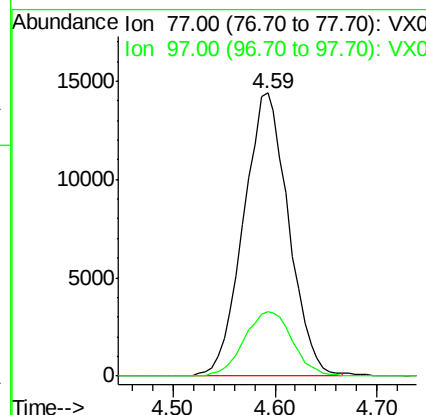
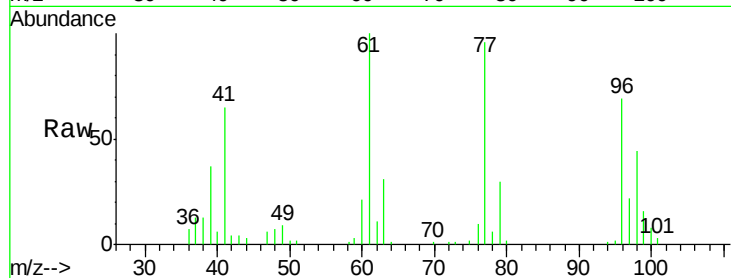
#31
 2,2-Dichloropropane
 Concen: 17.178 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion: 77 Resp: 44144
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.6 27.8

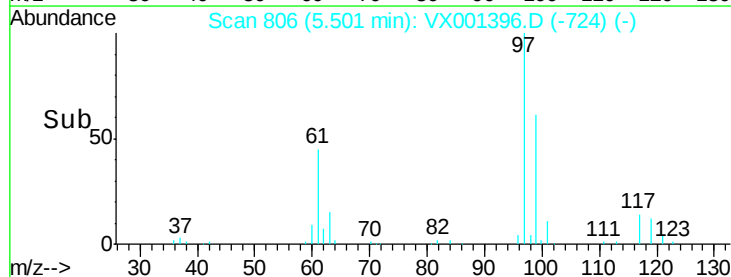
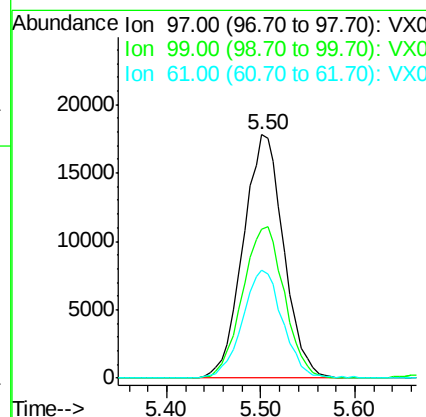
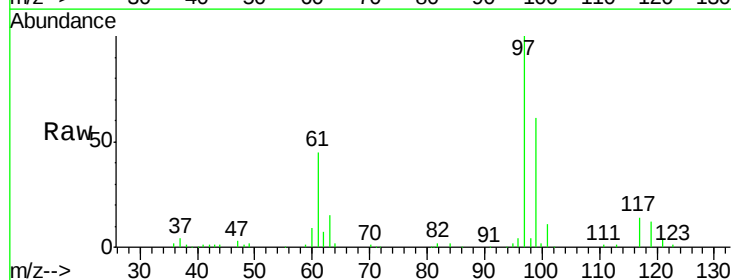
Manual Integrations
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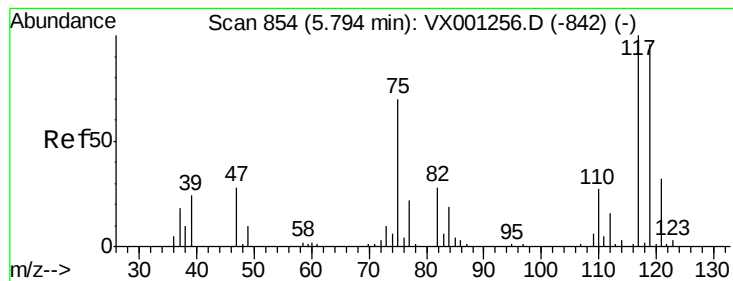
MMDadoda
 5/7/2018 7:28:01 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.819 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 97 Resp: 53598
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 44.1 34.3 51.5





#33

Carbon Tetrachloride

Concen: 18.229 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

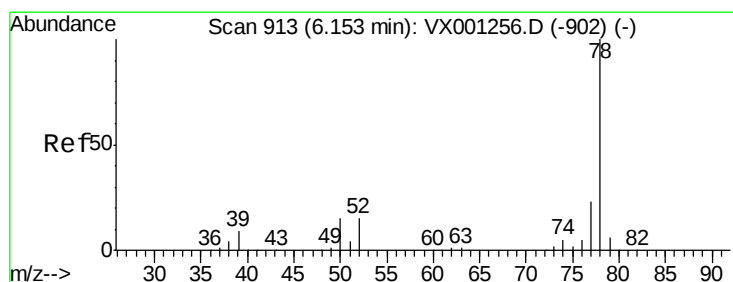
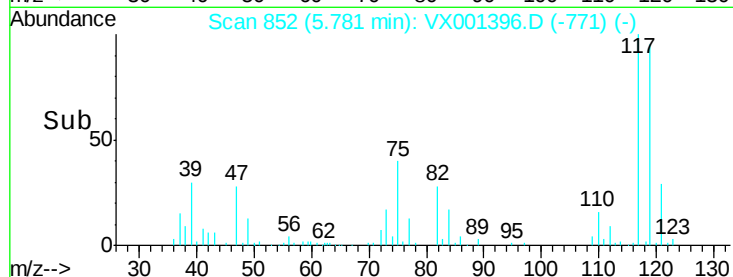
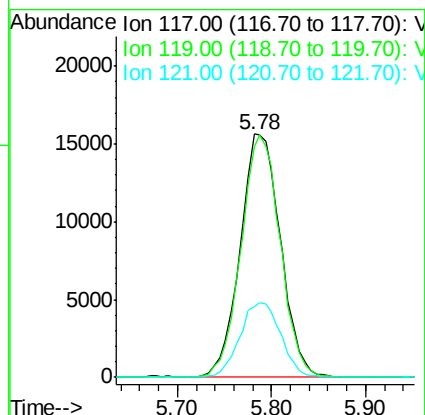
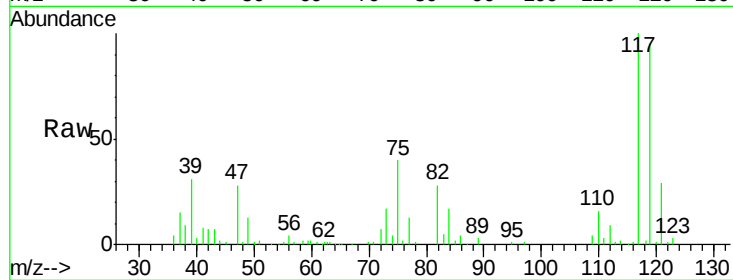
ClientSampleId :

VX0504WBS01

Tot Ion:	117	Resp:	46795
Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.5	110.3
121	28.9	24.6	37.0

Manual Integrations
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#34

Benzene

Concen: 19.171 ug/l

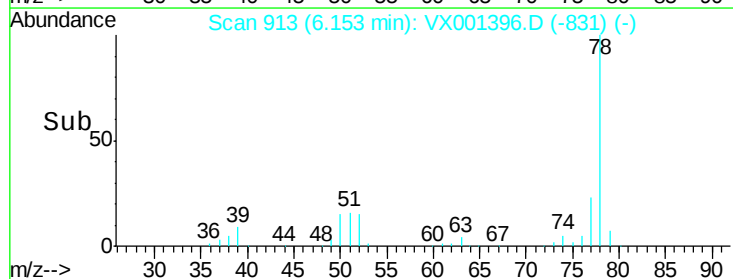
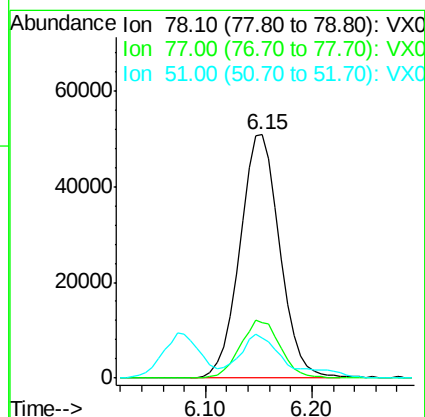
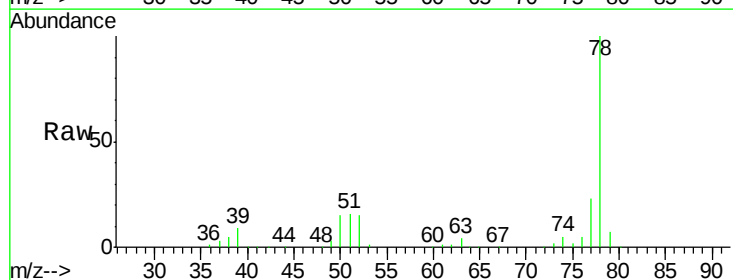
RT: 6.15 min Scan# 913

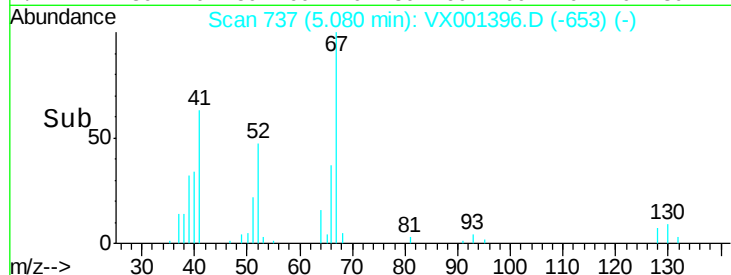
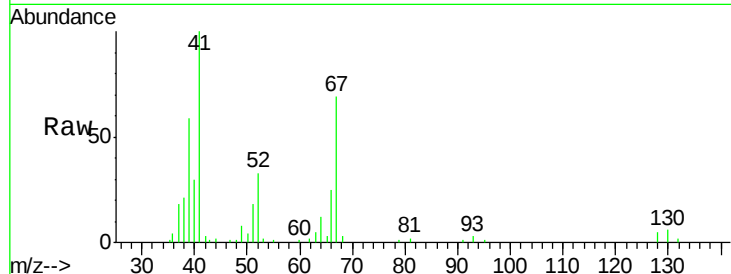
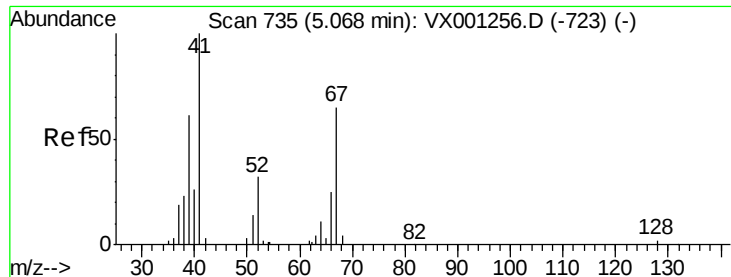
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

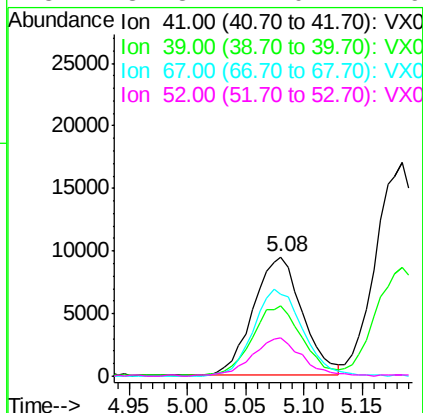
Tgt Ion:	78	Resp:	133717
Ion	Ratio	Lower	Upper
78	100		
77	22.6	21.7	32.5
51	14.4	14.9	22.3#





#35
Methacrylonitrile
Concen: 20.823 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

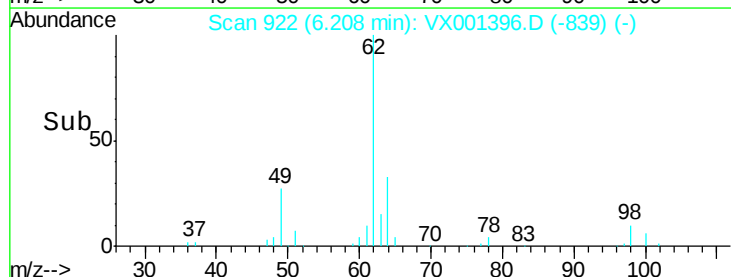
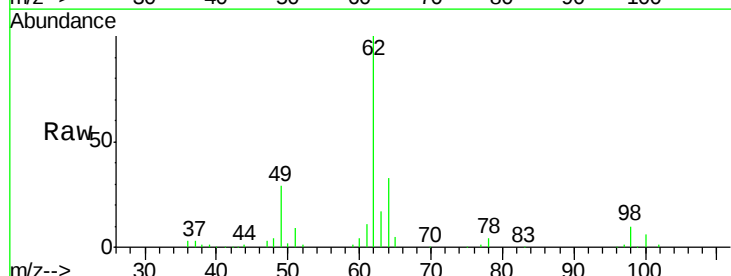
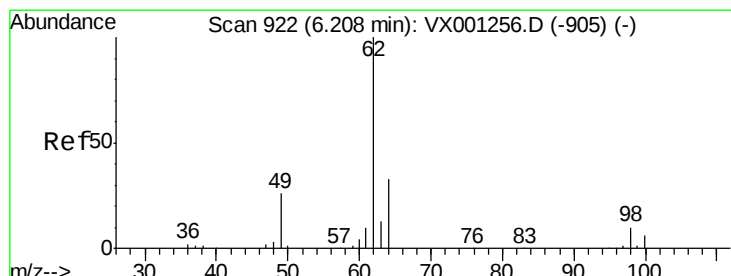
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	58.5	29.8	89.3		
67	69.6	28.7	86.3		
52	32.8	14.0	41.9		



Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

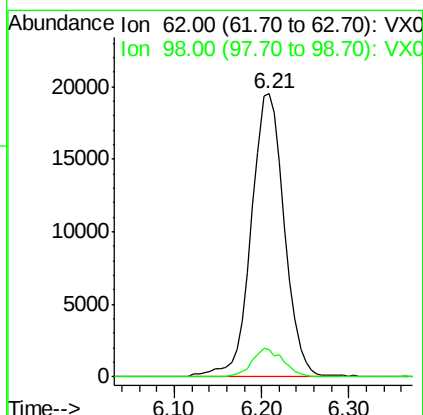
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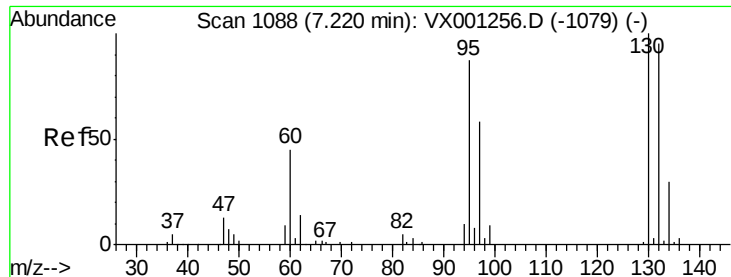
MMDadoda
5/7/2018 7:28:01 PM



#36
1,2-Dichloroethane
Concen: 19.276 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.4	6.9	10.3		





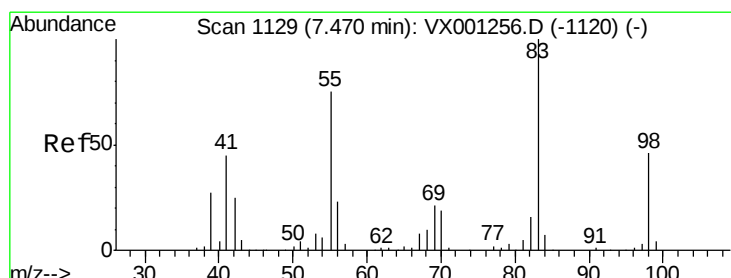
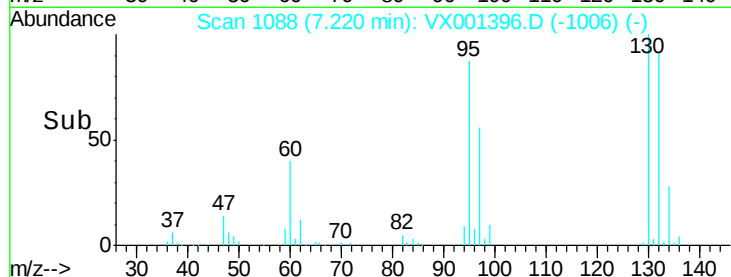
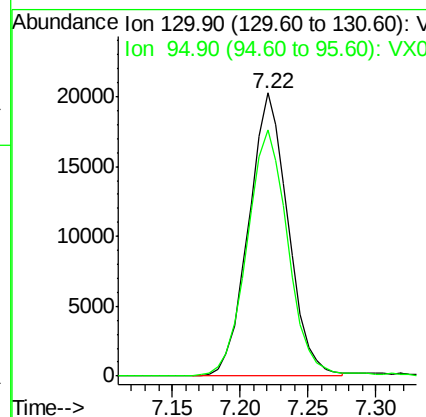
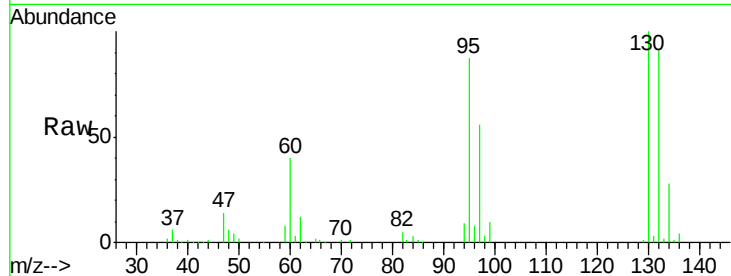
#37
 Trichloroethene
 Concen: 19.458 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion:130 Resp: 41153
 Ion Ratio Lower Upper
 130 100
 95 87.2 74.6 112.0

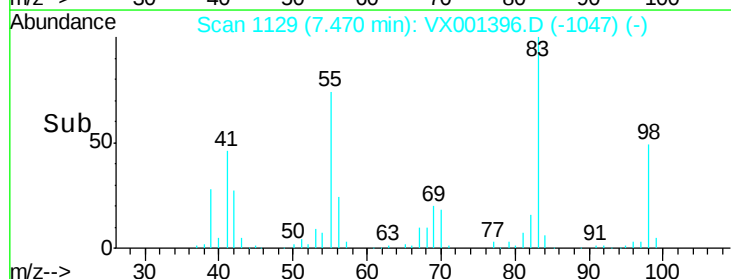
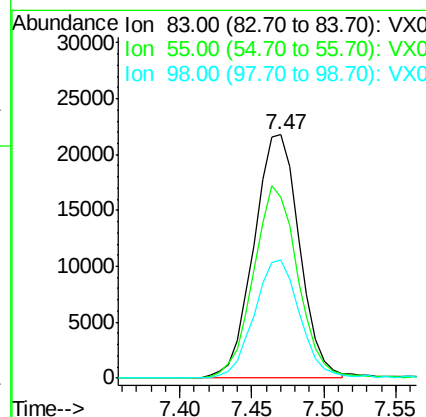
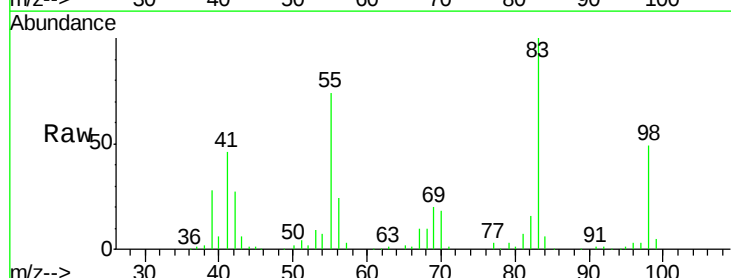
Manual Integrations
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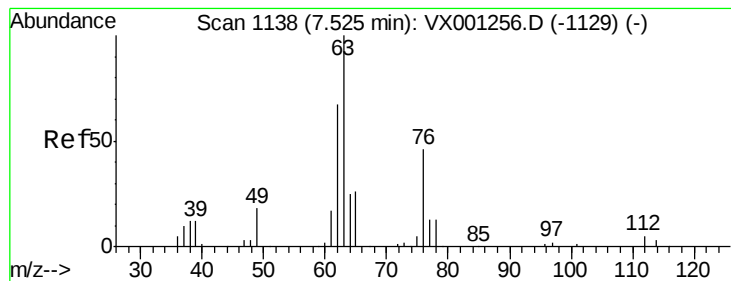
MMDadoda
 5/7/2018 7:28:01 PM



#38
 Methylcyclohexane
 Concen: 17.244 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion: 83 Resp: 47761
 Ion Ratio Lower Upper
 83 100
 55 77.2 35.9 107.7
 98 48.4 24.6 74.0





#39

1,2-Dichloropropane

Concen: 19.164 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 63 Resp: 33898

Ion Ratio Lower Upper

63 100

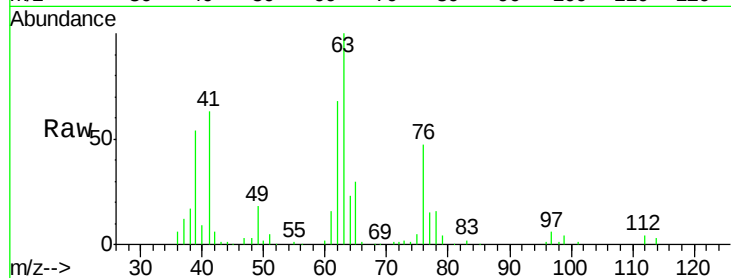
65 29.6 25.0 37.6

Manual Integrations

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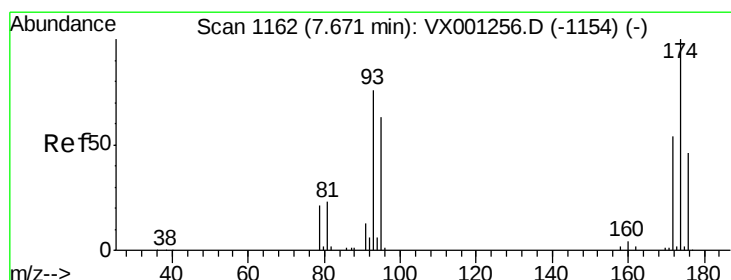
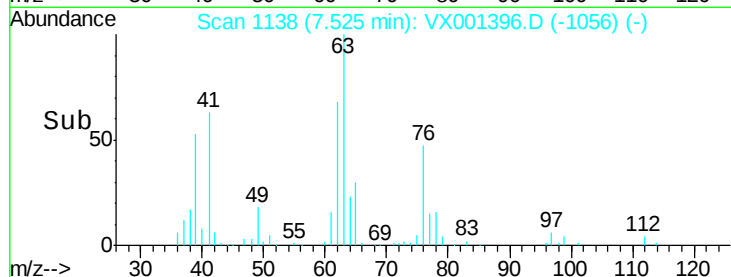
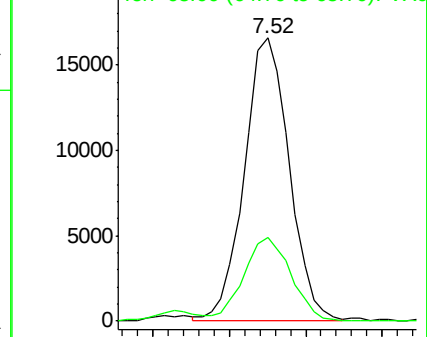
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.920 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

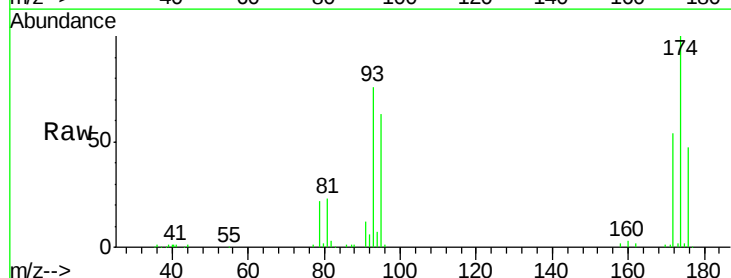
Tgt Ion: 93 Resp: 24788

Ion Ratio Lower Upper

93 100

95 83.2 0.0 170.6

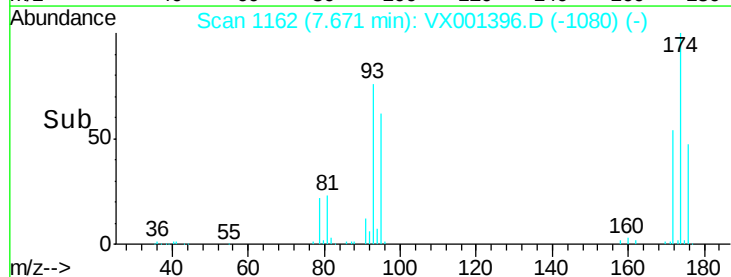
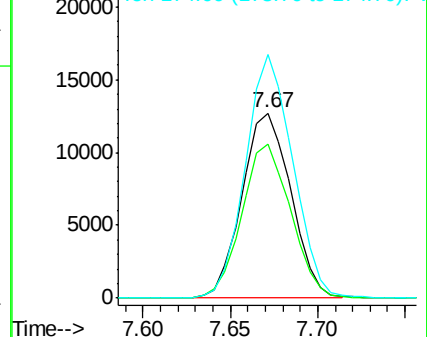
174 127.3 0.0 210.4

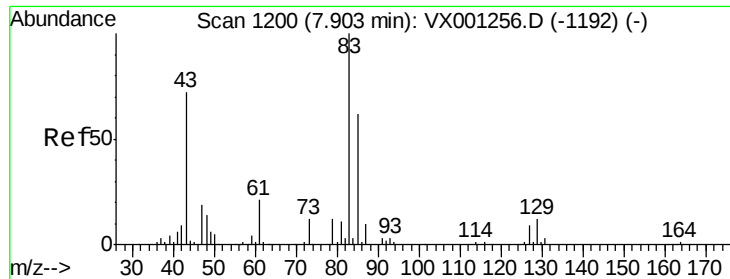


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.212 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

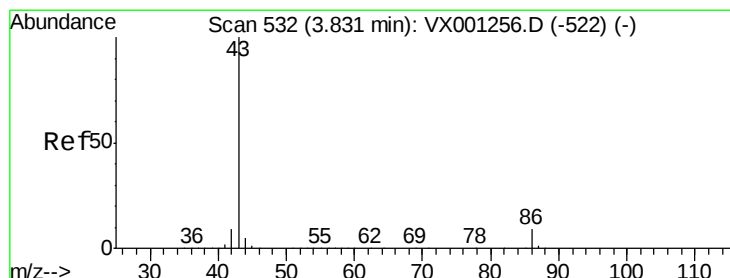
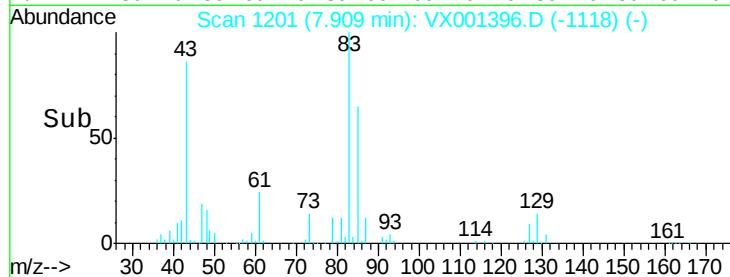
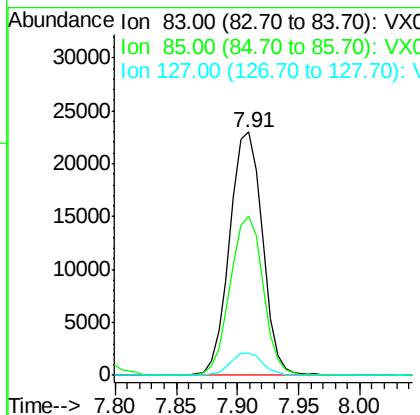
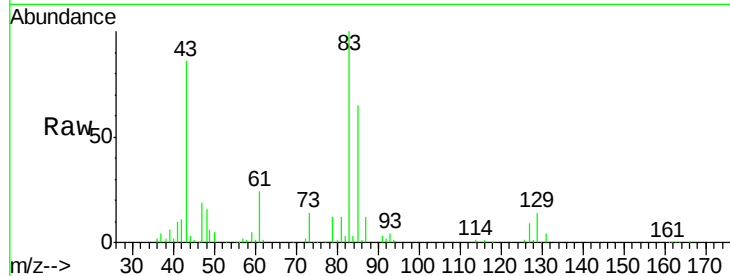
ClientSampleId :

VX0504WBS01

Tot Ion:	83	Resp:	42815
Ion Ratio	Lower	Upper	
83	100		
85	65.4	50.0	75.0
127	8.9	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 106.702 ug/l

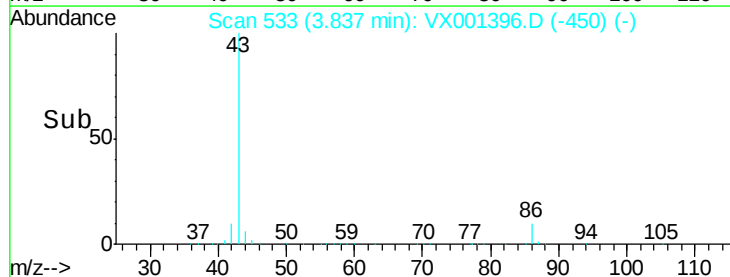
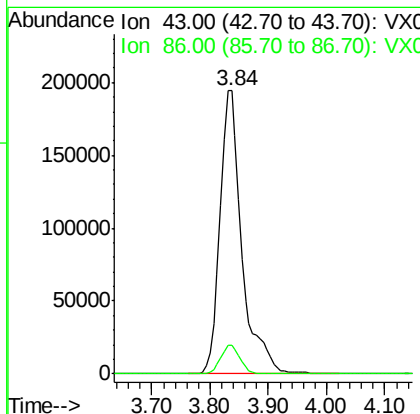
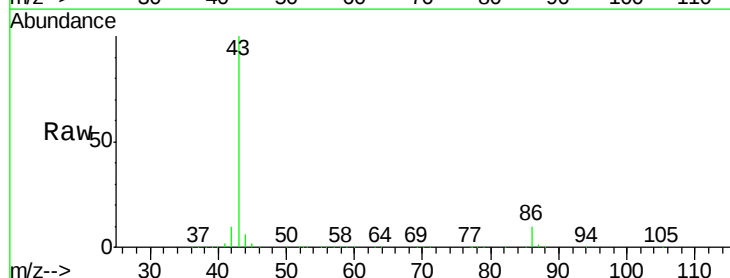
RT: 3.84 min Scan# 533

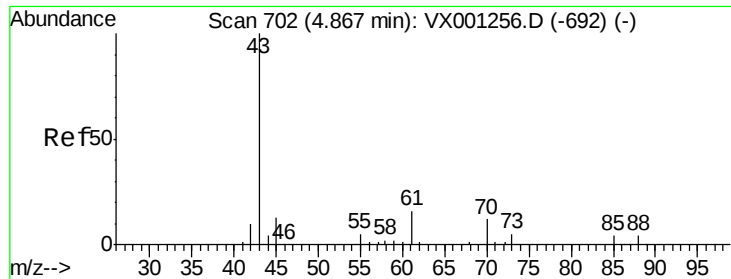
Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	43	Resp:	506280
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.8	11.6





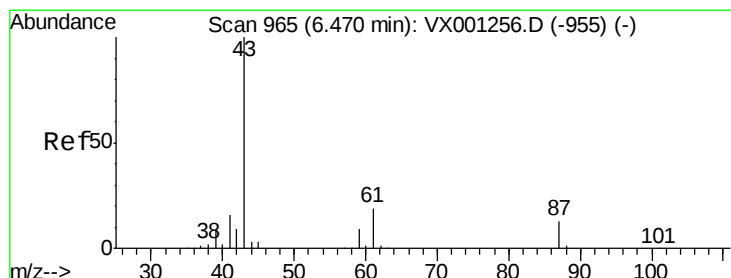
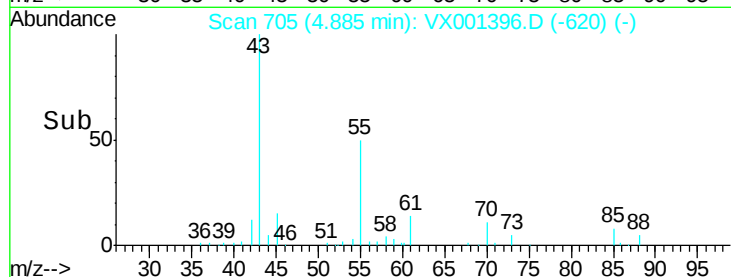
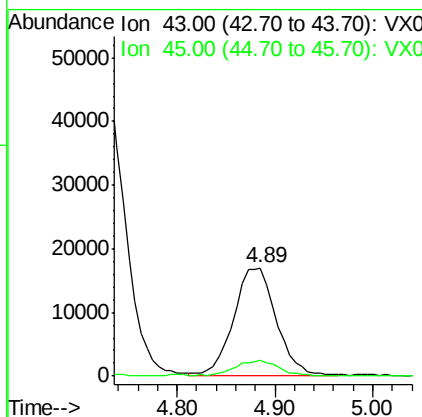
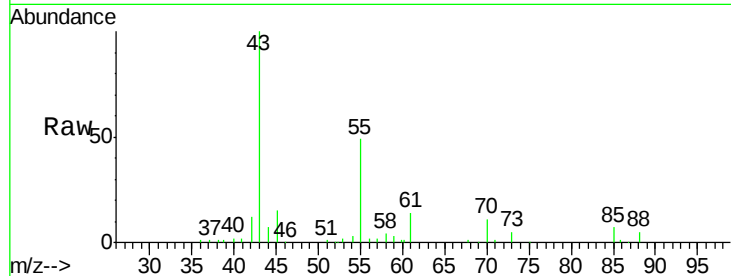
#43
Ethyl Acetate
Concen: 22.145 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.02 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion: 43 Resp: 51442
Ion Ratio Lower Upper
43 100
45 15.4 11.4 17.0

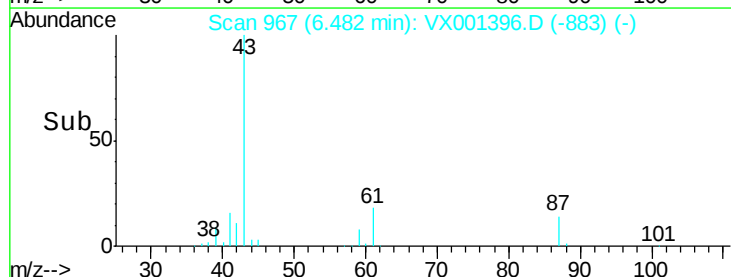
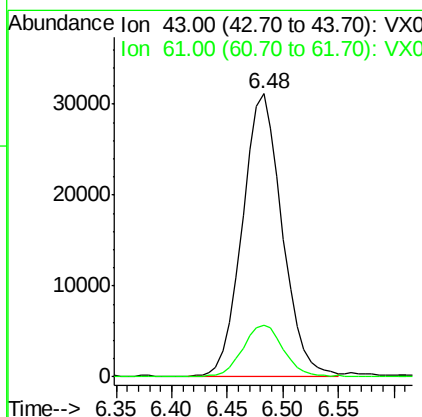
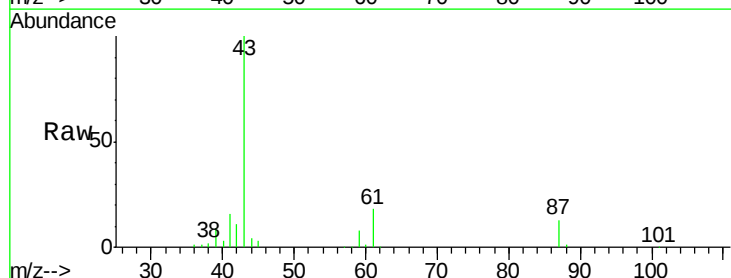
Manual Integrations
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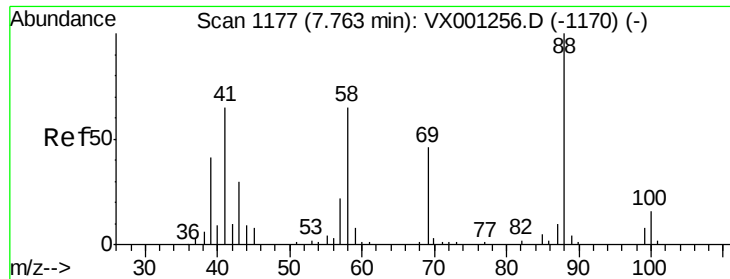
MMDadoda
5/7/2018 7:28:01 PM



#44
Isopropyl Acetate
Concen: 19.655 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 43 Resp: 77686
Ion Ratio Lower Upper
43 100
61 18.7 15.7 23.5





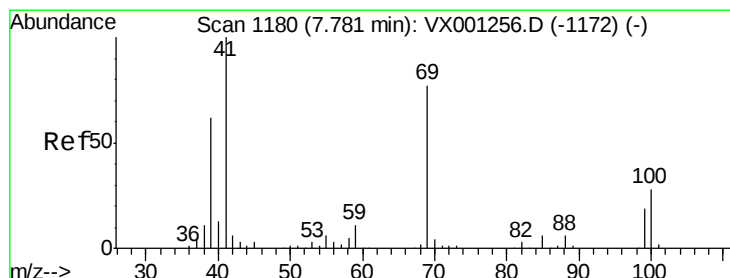
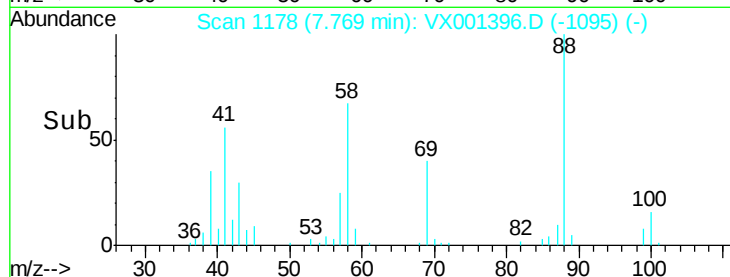
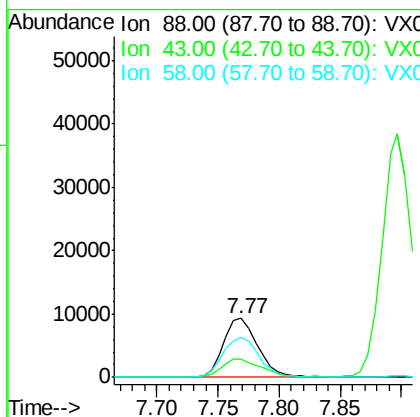
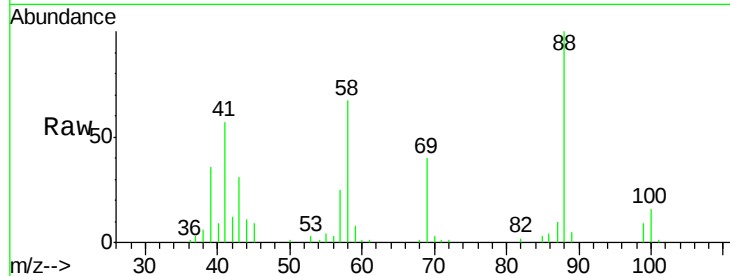
#45
 1,4-Dioxane
 Concen: 506.862 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	26.8	40.2
58	71.1	52.1	78.1

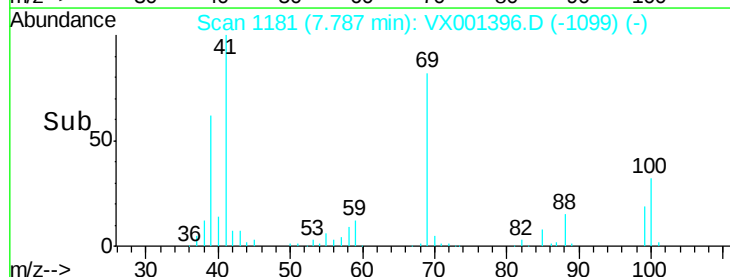
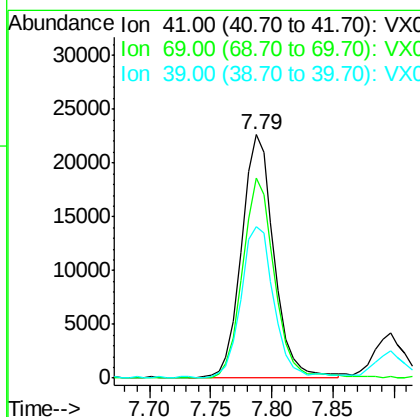
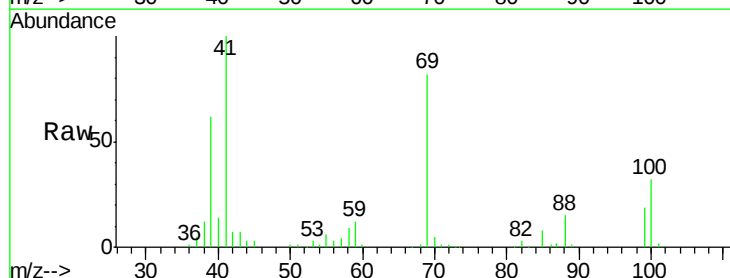
Manual Integrations
 APPROVED

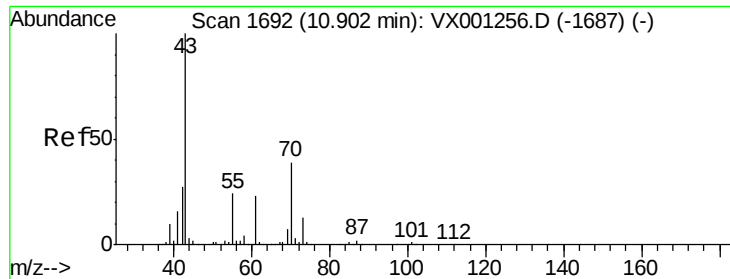
MMDadoda
 5/7/2018 7:28:01 PM



#46
 Methyl methacrylate
 Concen: 20.292 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.4	45.5	136.5
39	61.6	32.5	97.5





#47

n-amvl Acetate

Concen: 18.308 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 43 Resp: 69443

Ion Ratio Lower Upper

43 100

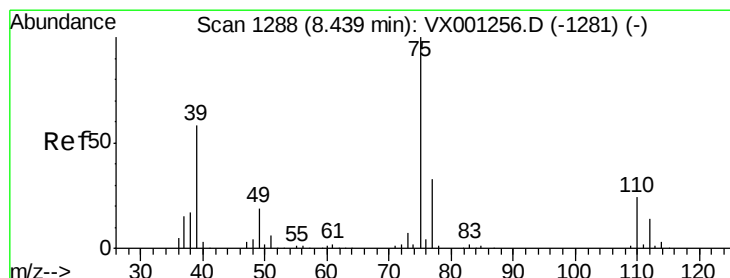
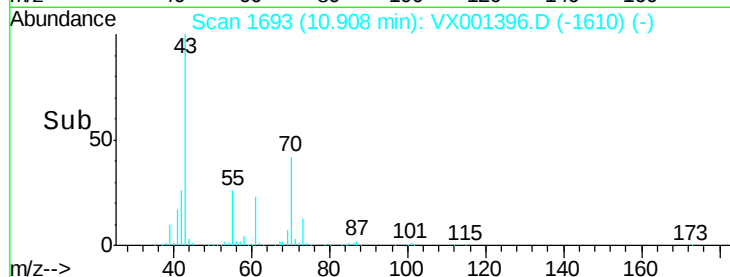
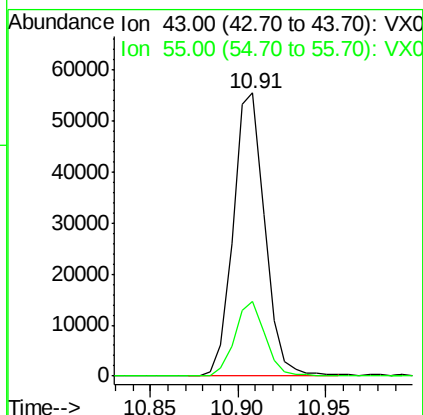
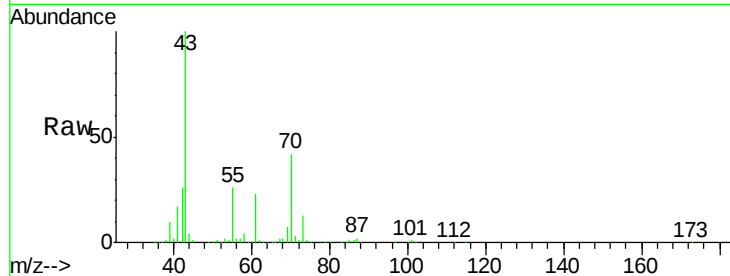
55 25.1 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.841 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001396.D

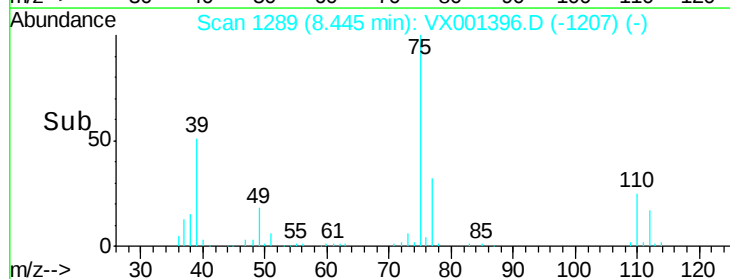
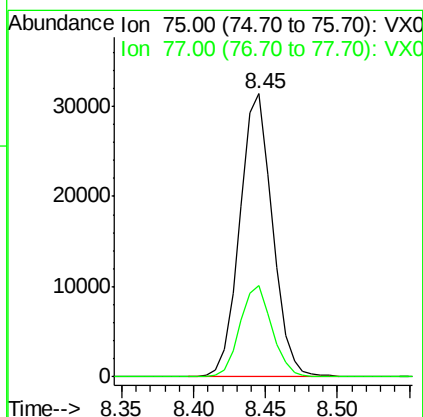
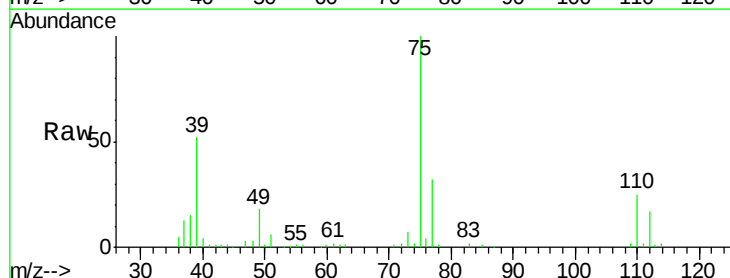
Acq: 04 May 2018 14:22

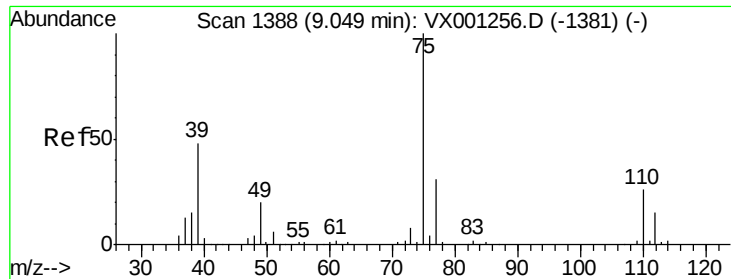
Tgt Ion: 75 Resp: 49374

Ion Ratio Lower Upper

75 100

77 32.4 24.6 37.0





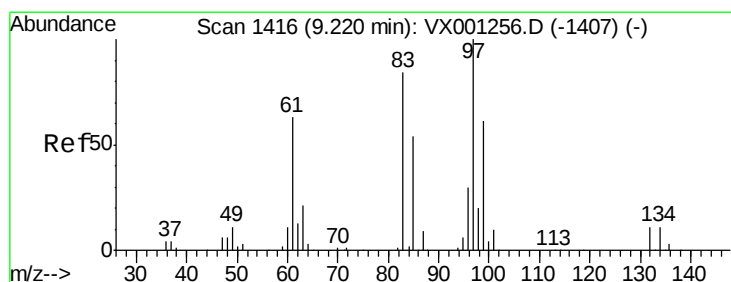
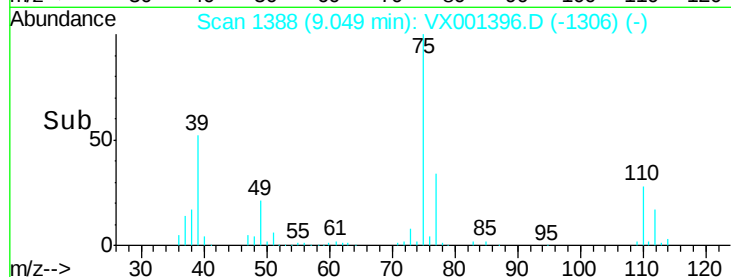
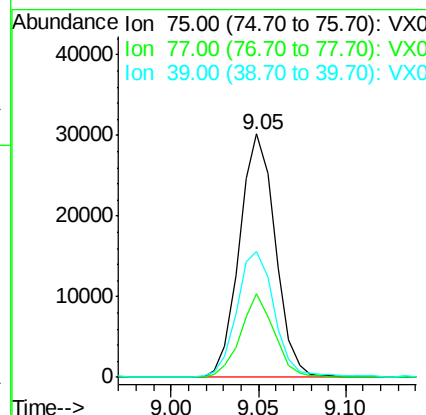
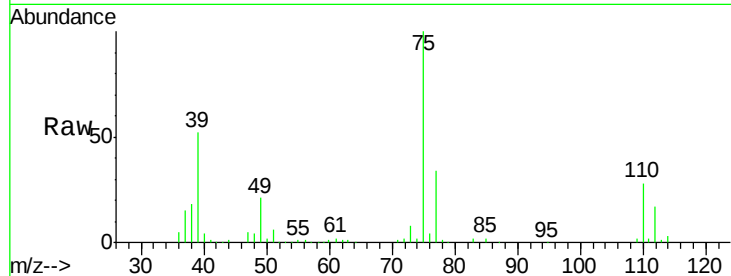
#49
 cis-1,3-Dichloropropene
 Concen: 16.304 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.3	24.5	36.7
39	51.6	35.6	53.4

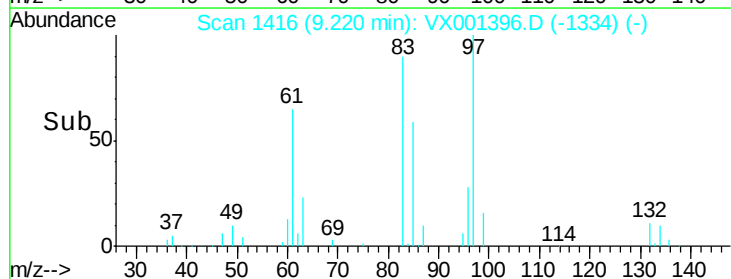
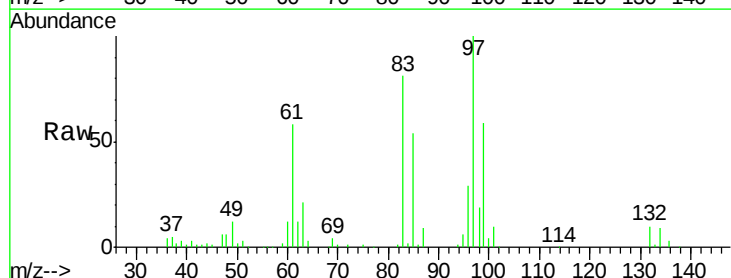
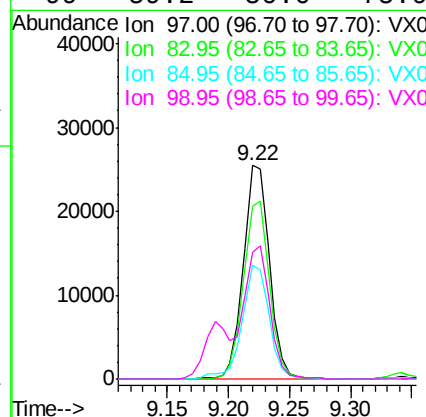
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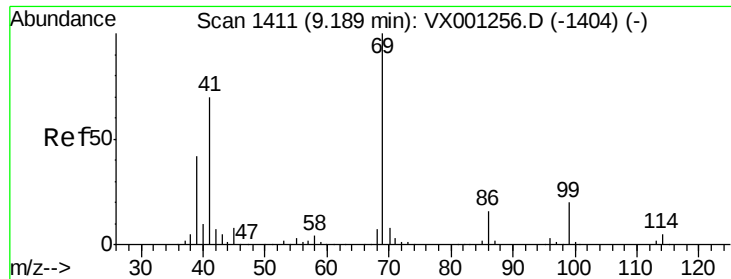
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 20.370 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.9	100.3
85	53.5	44.4	66.6
99	59.2	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.845 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

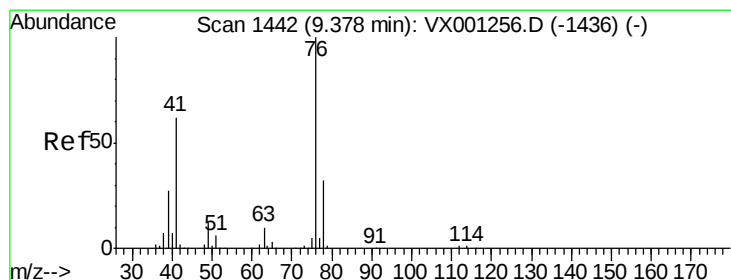
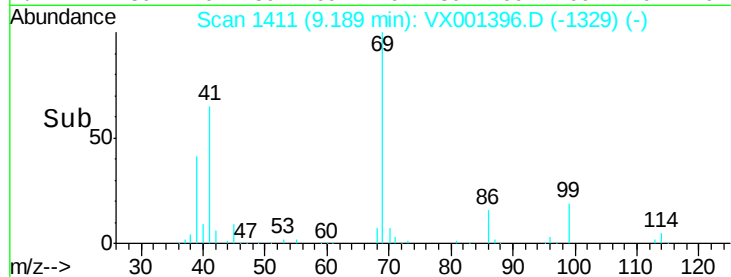
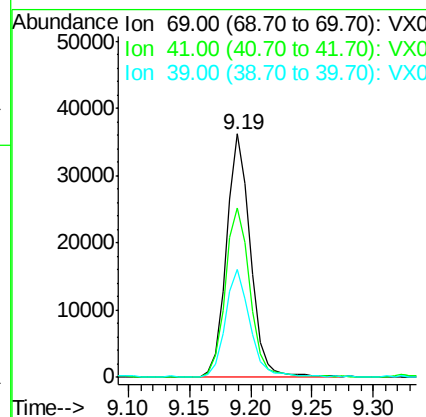
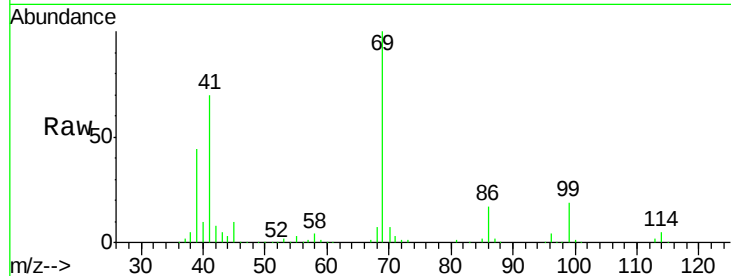
ClientSampleId :

VX0504WBS01

Tot Ion:	69	Resp:	49625
Ion Ratio	Lower	Upper	
69	100		
41	69.5	32.1	96.3
39	44.1	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.567 ug/l

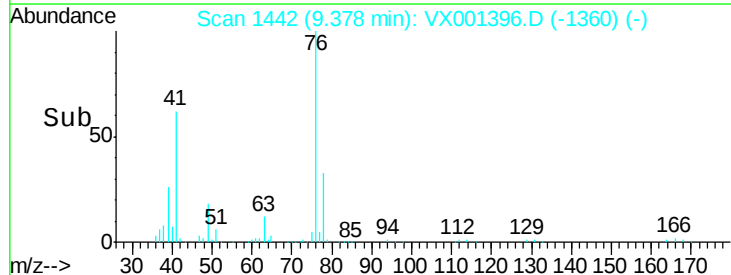
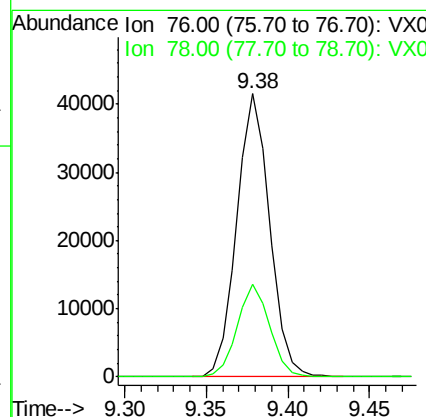
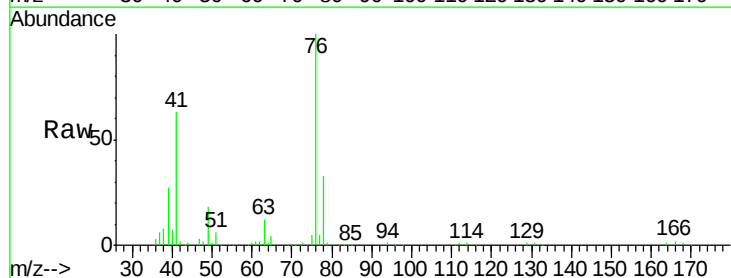
RT: 9.38 min Scan# 1442

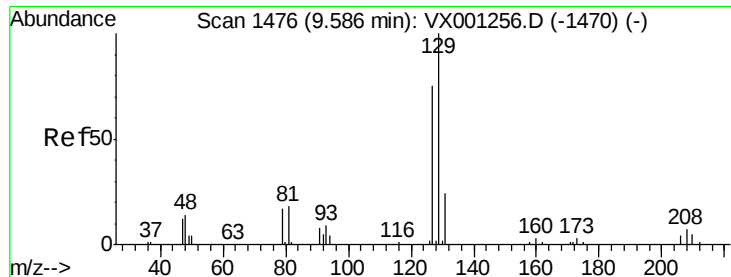
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	76	Resp:	58453
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	65.0





#53

Dibromochloromethane

Concen: 17.723 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion:129 Resp: 36151

Ion Ratio Lower Upper

129 100

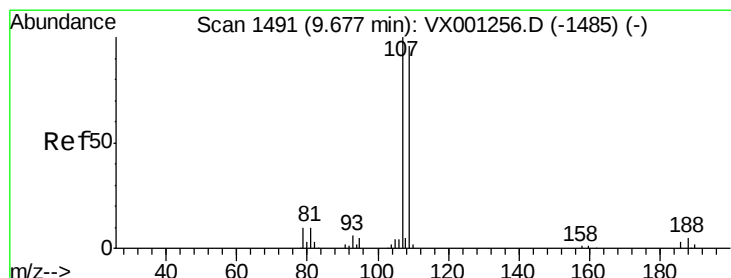
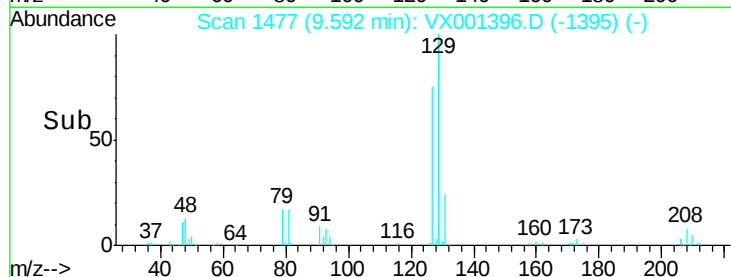
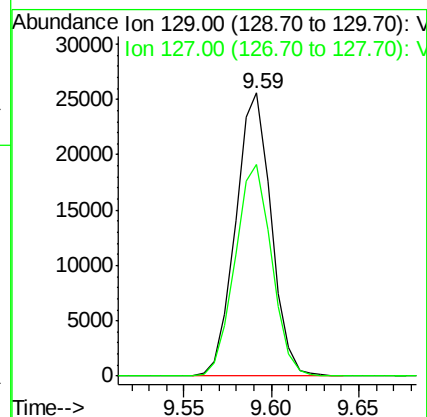
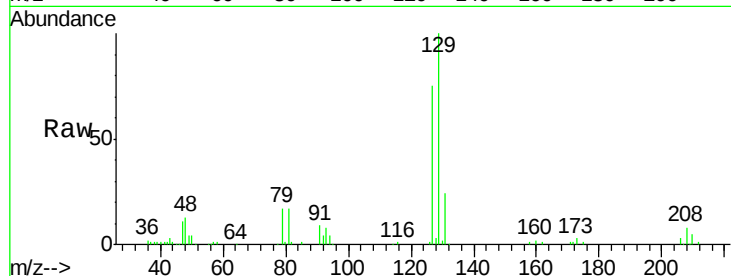
127 76.8 37.5 112.5

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#54

1,2-Dibromoethane

Concen: 19.942 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001396.D

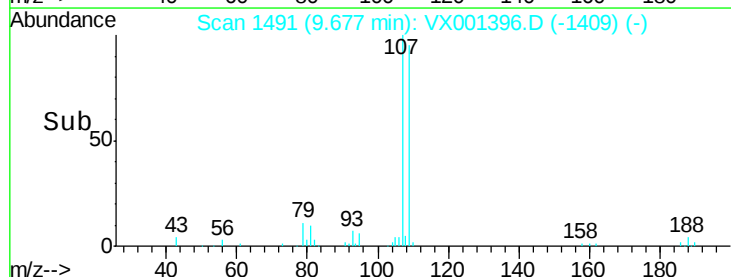
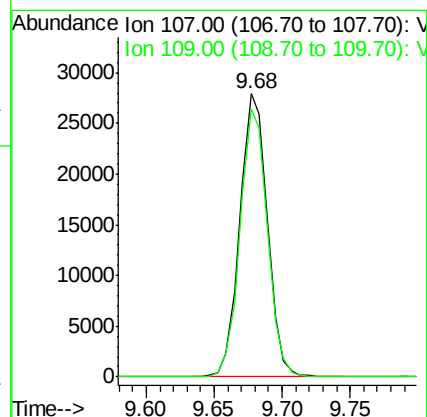
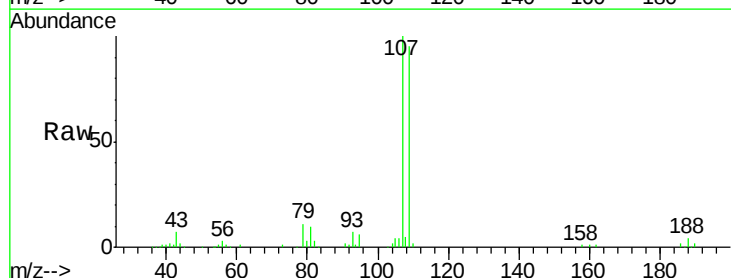
Acq: 04 May 2018 14:22

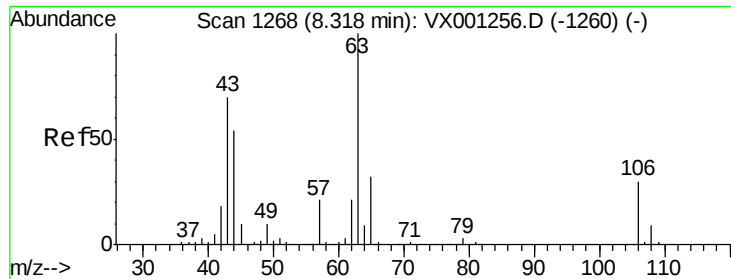
Tgt Ion:107 Resp: 39447

Ion Ratio Lower Upper

107 100

109 93.9 74.5 111.7





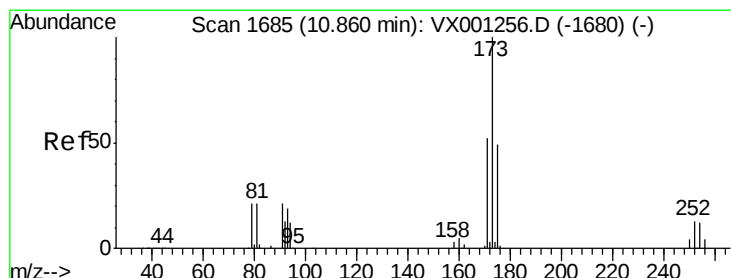
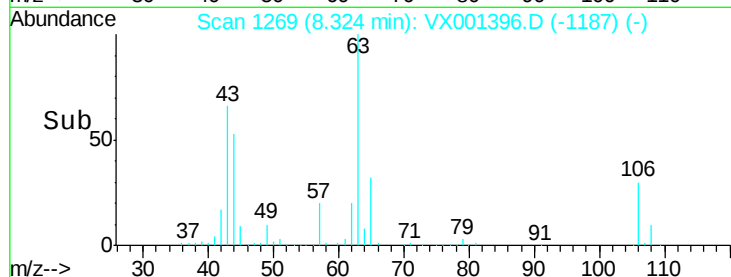
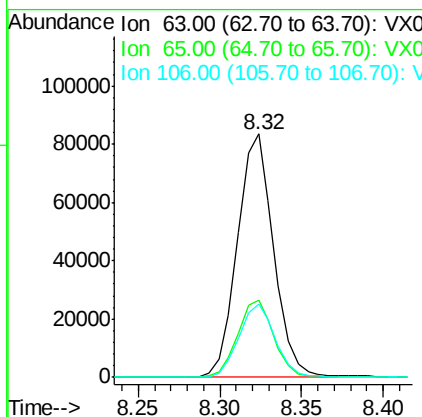
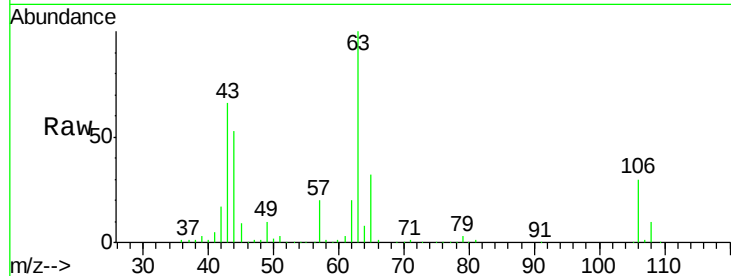
#55
2-Chloroethyl vinyl ether
Concen: 100.142 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.8	38.8
106	30.3	23.8	35.6

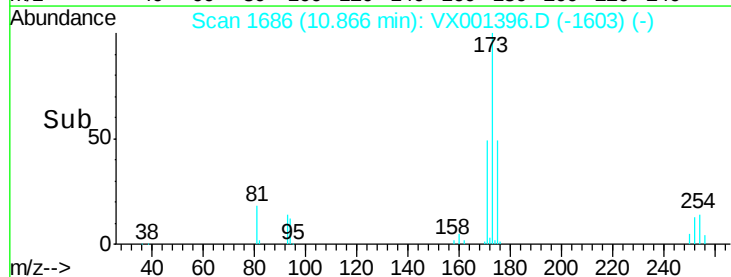
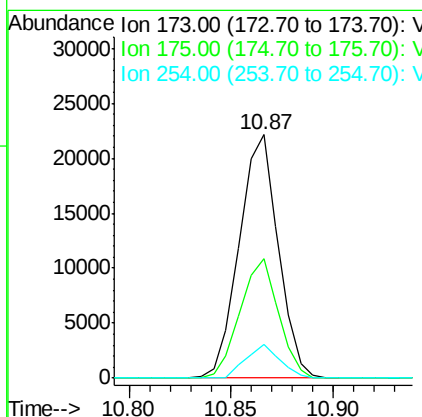
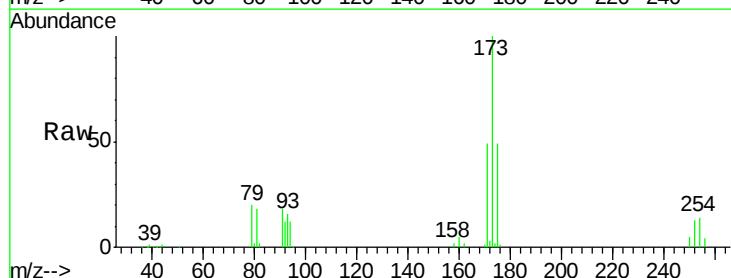
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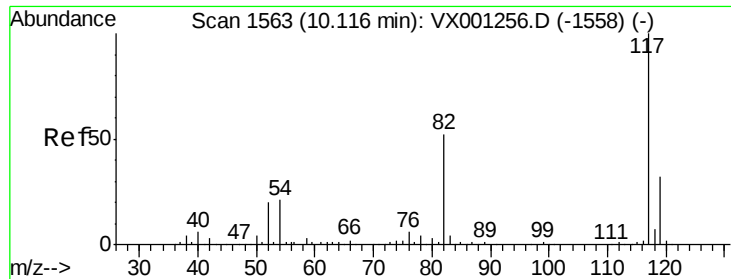
MMDadoda
5/7/2018 7:28:01 PM



#56
Bromoform
Concen: 17.649 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	12.1	7.0	10.4





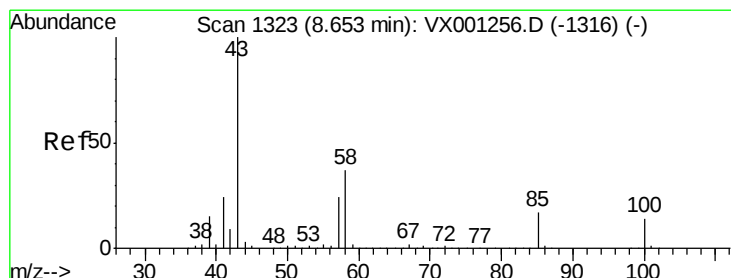
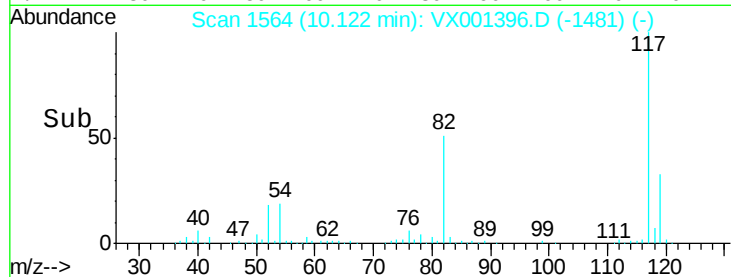
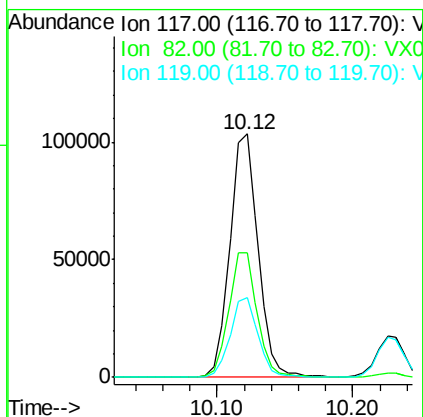
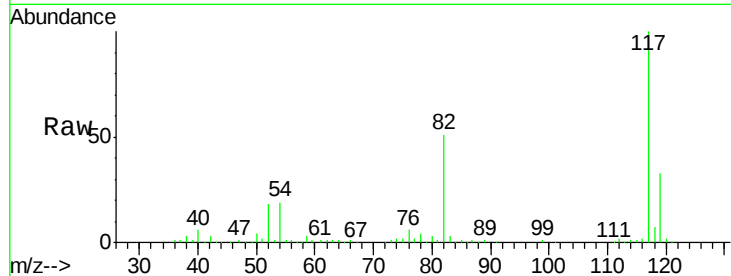
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	32.3	25.8	38.8

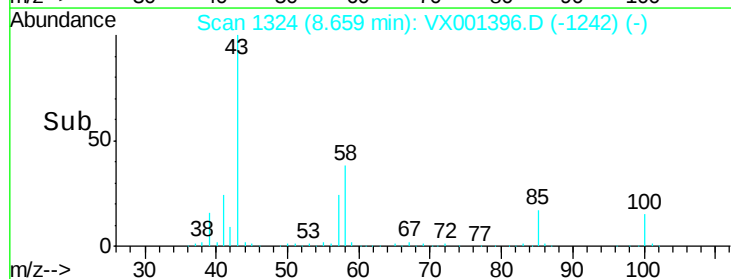
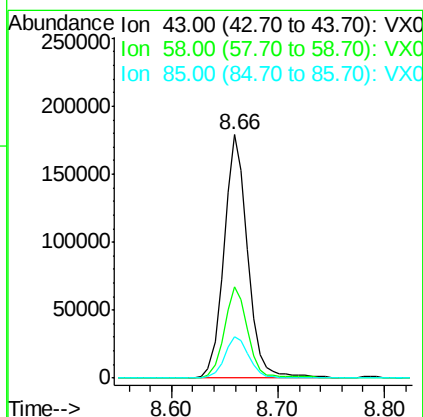
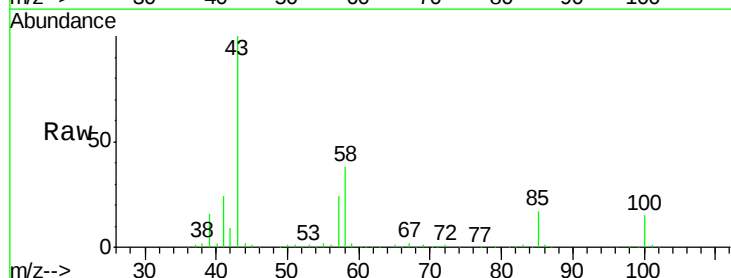
Manual Integrations
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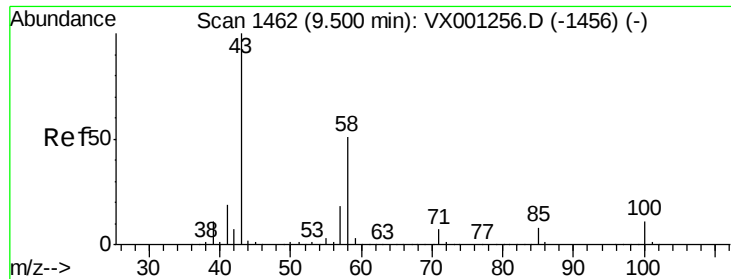
MMDadoda
5/7/2018 7:28:01 PM



#58
4-Methyl-2-Pentanone
Concen: 112.405 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.8	44.8
85	17.5	14.9	22.3





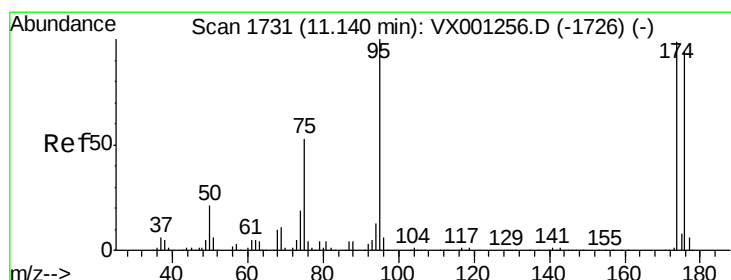
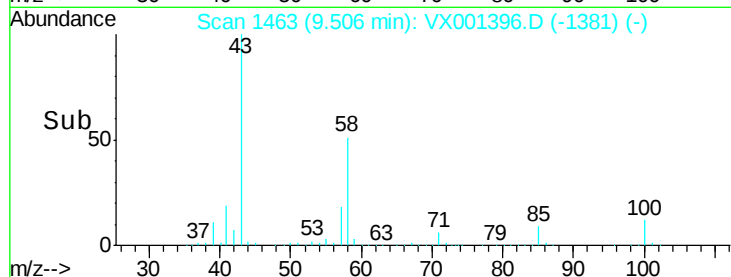
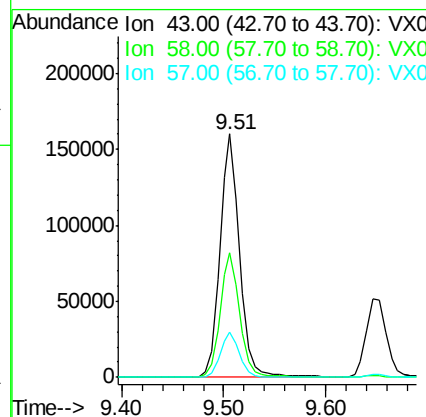
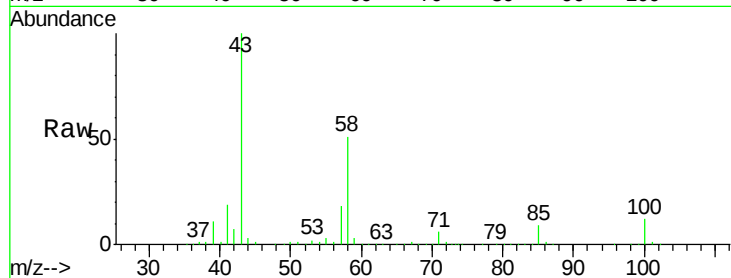
#59
2-Hexanone
Concen: 112.075 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.9	43.0	64.6
57	18.0	14.4	21.6

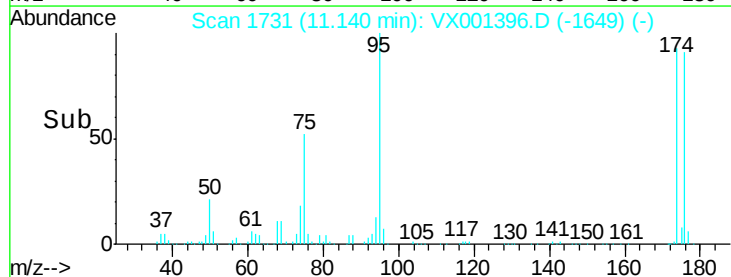
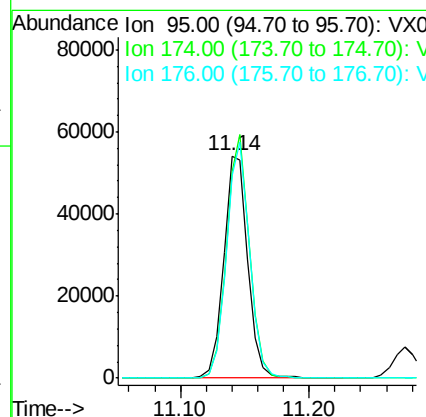
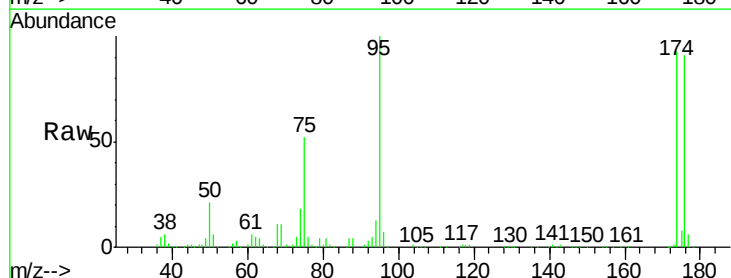
Manual Integrations
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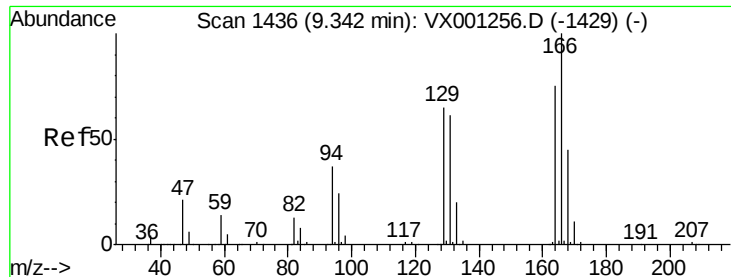
MMDadoda
5/7/2018 7:28:01 PM



#60
4-Bromofluorobenzene
Concen: 28.334 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	104.0	71.1	106.7
176	101.5	69.3	103.9





#61

Tetrachloroethene

Concen: 22.192 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

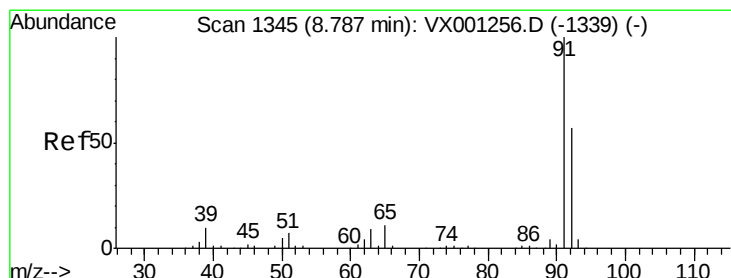
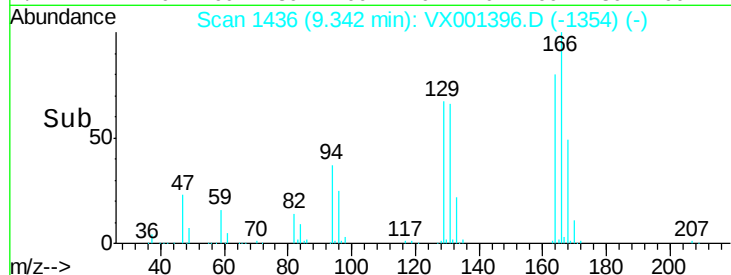
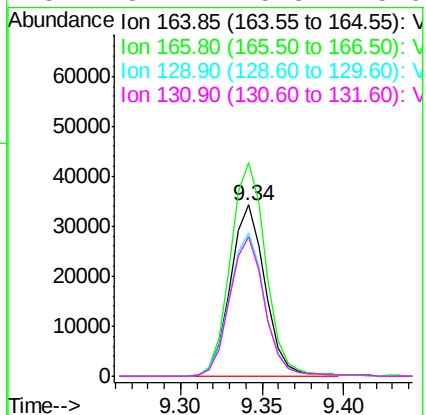
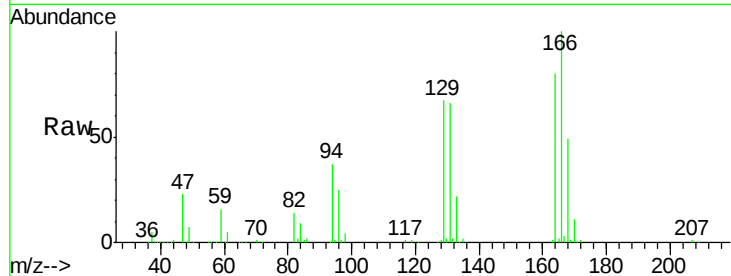
ClientSampleId :

VX0504WBS01

Tot Ion:	164	Resp:	50844
Ion	Ratio	Lower	Upper
164	100		
166	124.6	99.0	148.4
129	83.6	77.0	115.6
131	81.7	75.8	113.6

Manual Integrations
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#62

Toluene

Concen: 18.743 ug/l

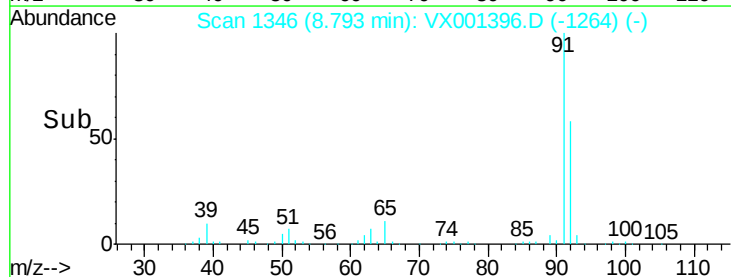
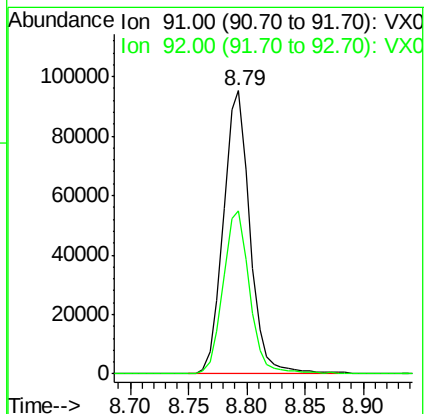
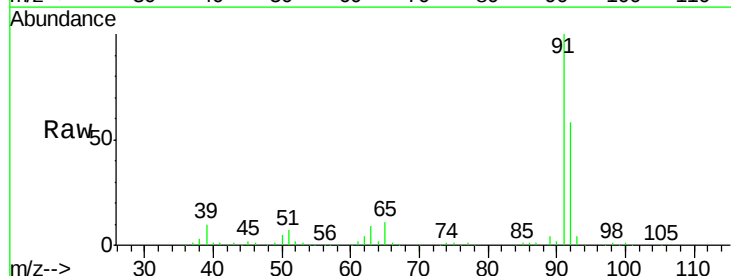
RT: 8.79 min Scan# 1346

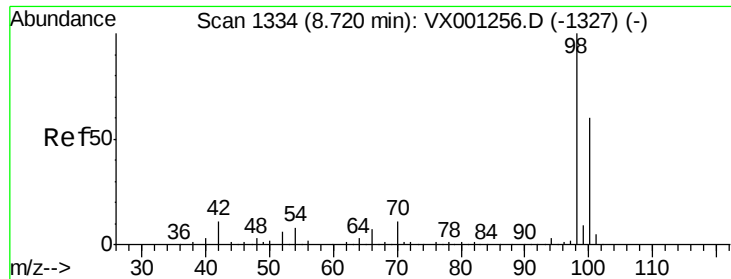
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion:	91	Resp:	150602
Ion	Ratio	Lower	Upper
91	100		
92	57.8	45.4	68.0





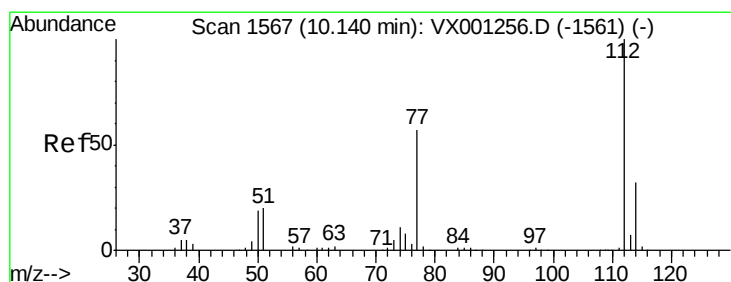
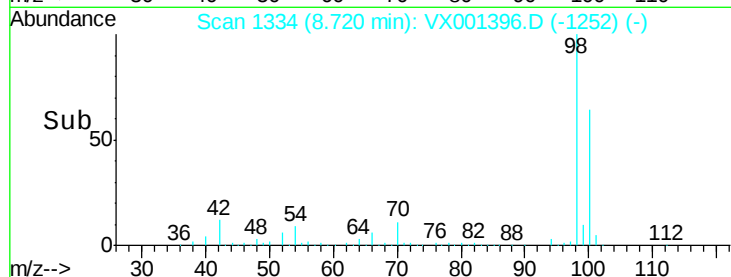
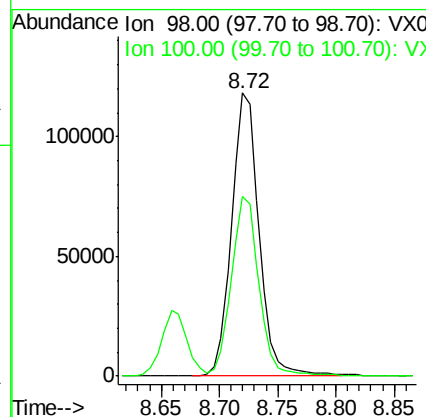
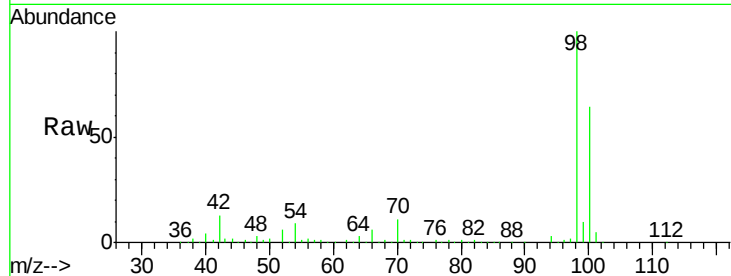
#63
Toluene-d8
Concen: 30.104 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion: 98 Resp: 193012
Ion Ratio Lower Upper
98 100
100 64.7 50.0 75.0

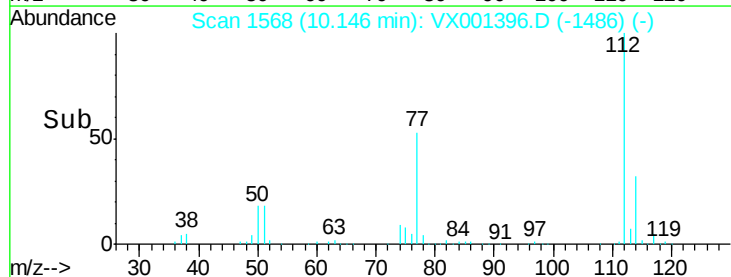
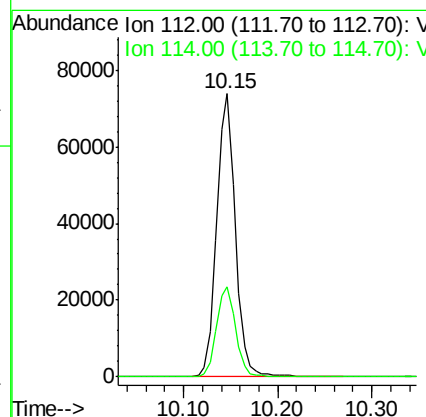
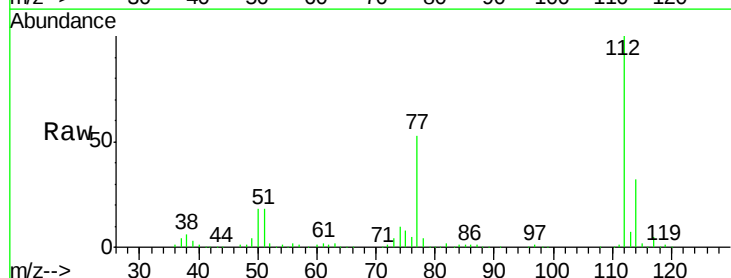
Manual Integrations
APPROVED

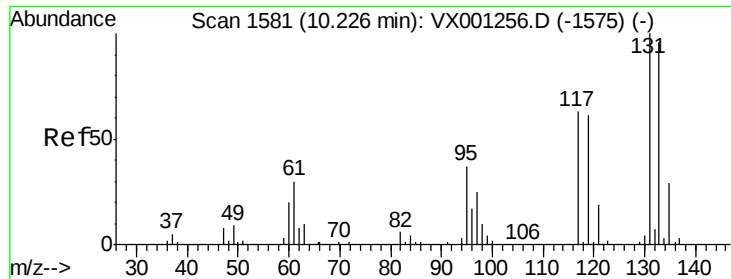
MMDadoda
5/7/2018 7:28:01 PM



#64
Chlorobenzene
Concen: 18.702 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion: 112 Resp: 101384
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.900 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion:131 Resp: 37410

Ion Ratio Lower Upper

131 100

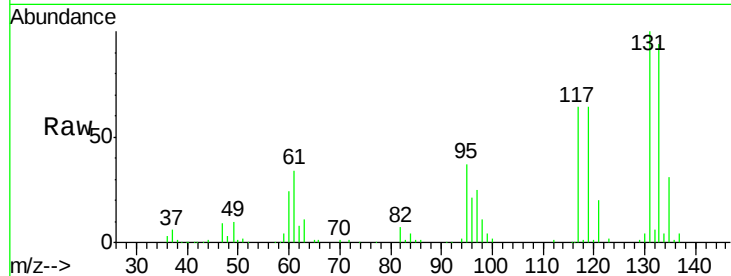
133 94.8 0.0 187.6

119 63.5 0.0 134.0

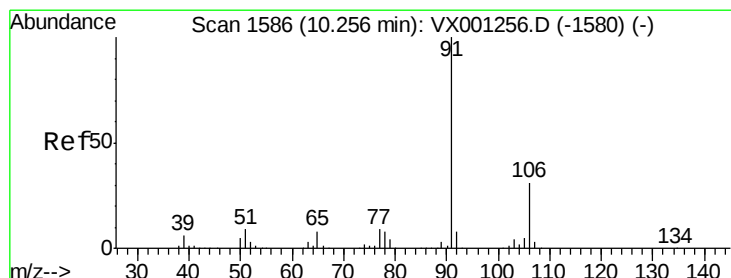
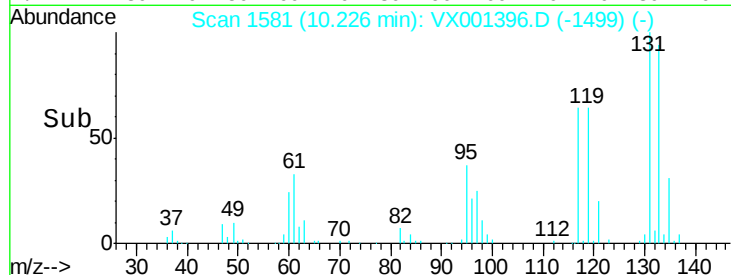
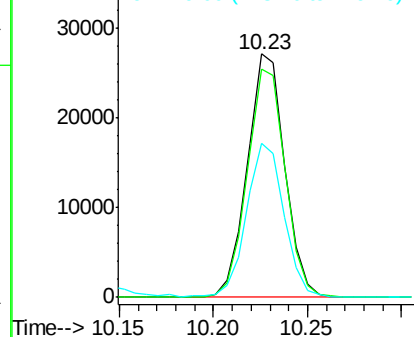
Manual Integrations
APPROVED

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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.291 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001396.D

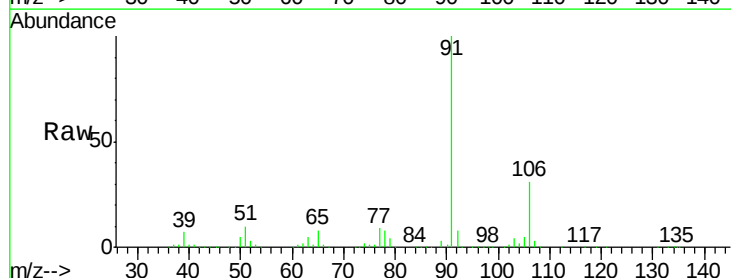
Acq: 04 May 2018 14:22

Tgt Ion: 91 Resp: 164051

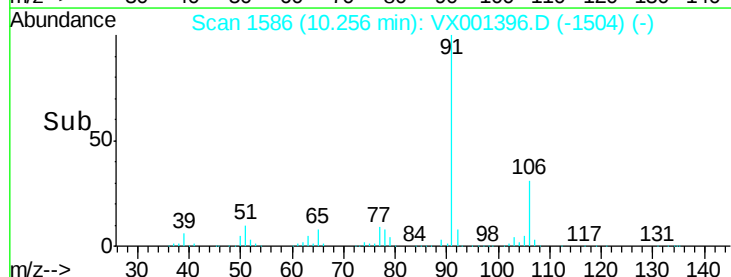
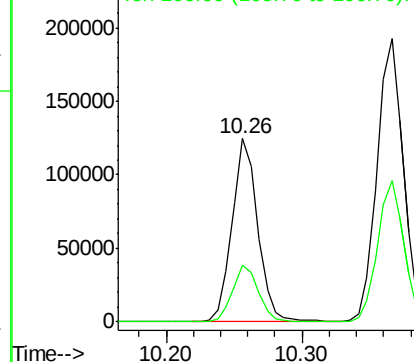
Ion Ratio Lower Upper

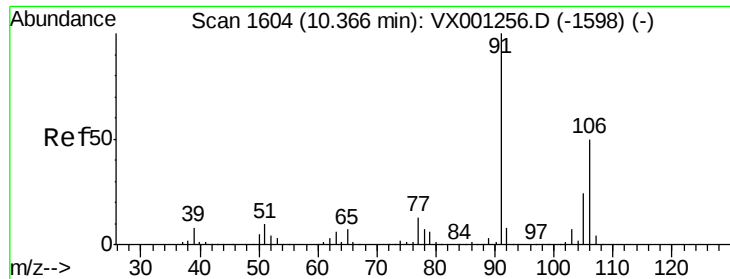
91 100

106 31.3 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





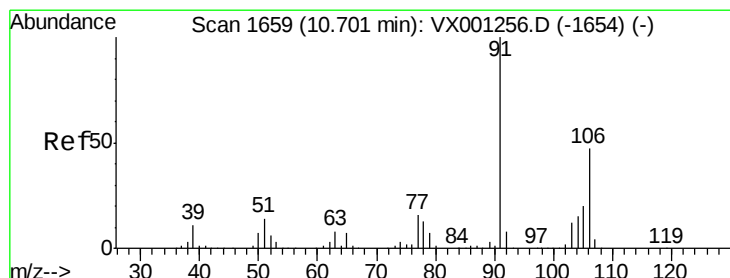
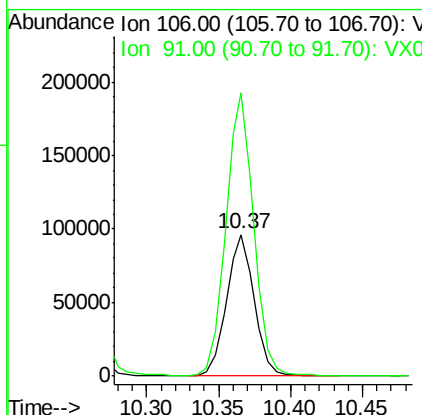
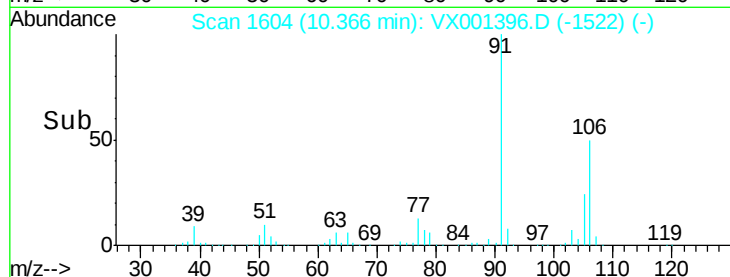
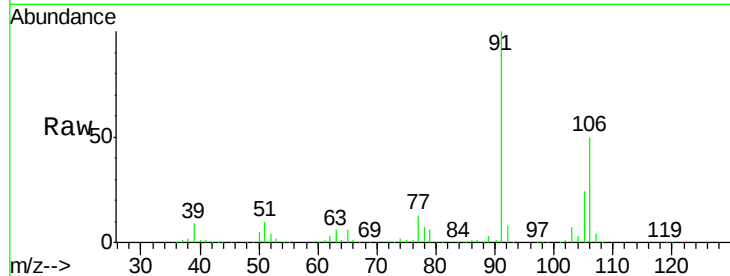
#67
m/p-Xylenes
Concen: 36.490 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion:106 Resp: 129999
Ion Ratio Lower Upper
106 100
91 199.6 161.6 242.4

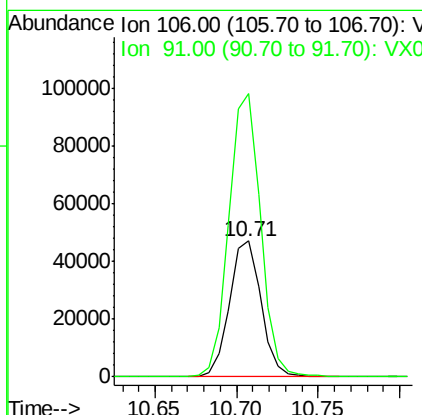
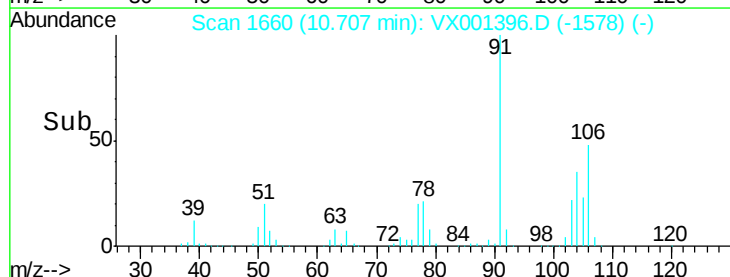
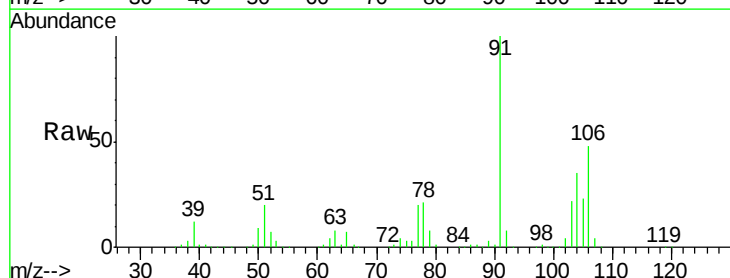
Manual Integrations
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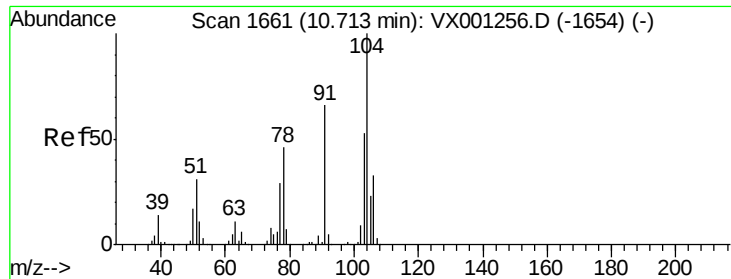
MMDadoda
5/7/2018 7:28:01 PM



#68
o-Xylene
Concen: 18.467 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion:106 Resp: 63588
Ion Ratio Lower Upper
106 100
91 208.6 105.6 316.8





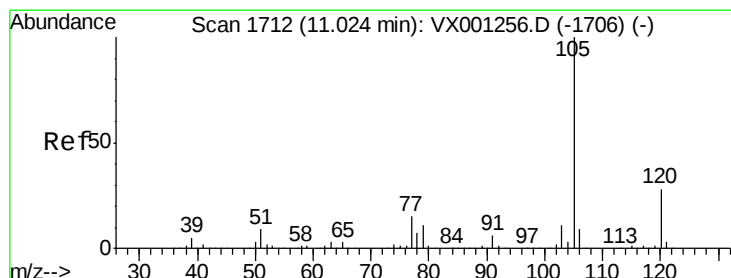
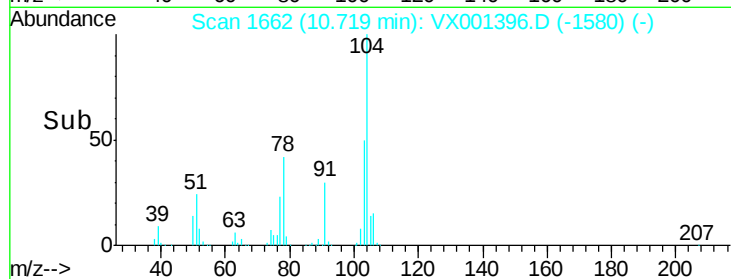
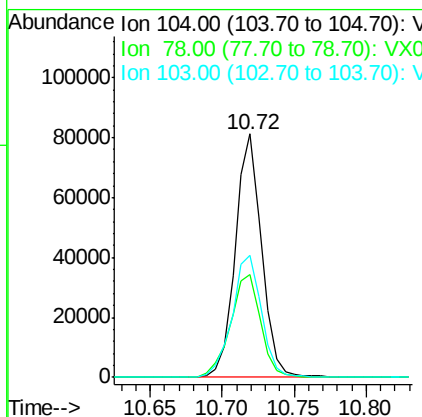
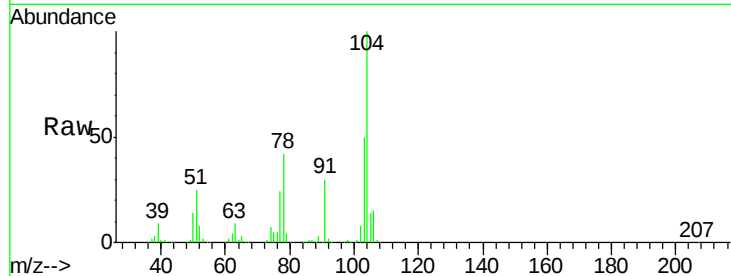
#69
Stvrene
Concen: 18.106 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	103774		
78	48.5		39.0	58.4
103	56.3		44.7	67.1

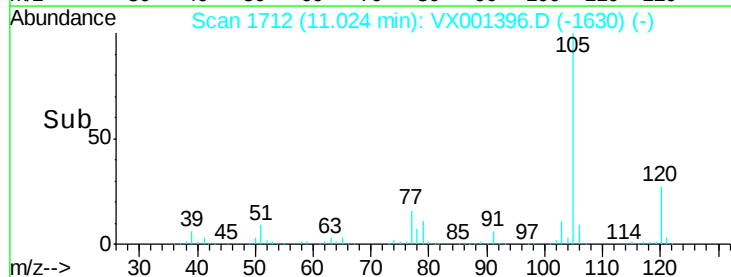
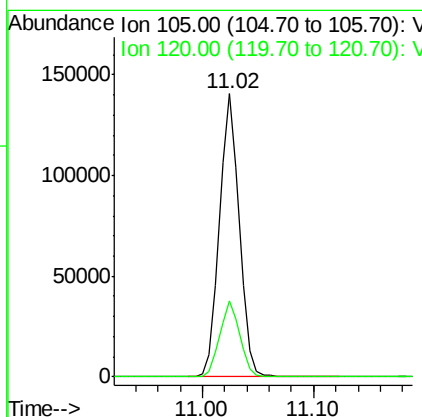
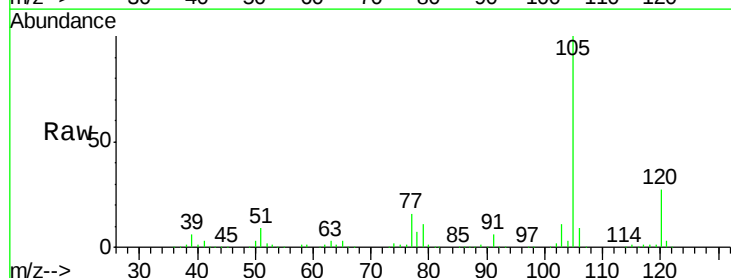
Manual Integrations
APPROVED

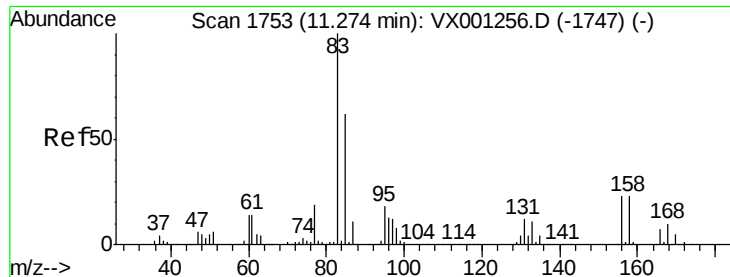
MMDadoda
5/7/2018 7:28:01 PM



#70
Isopropylbenzene
Concen: 18.560 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173553		
120	27.1		18.8	35.0





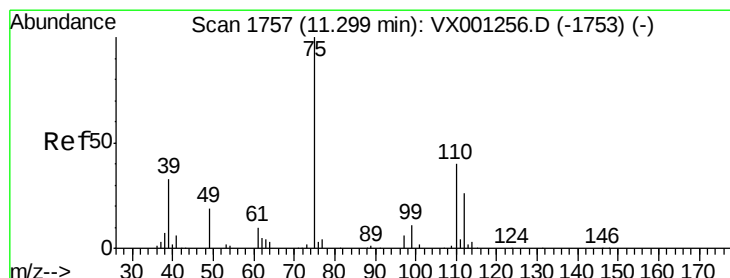
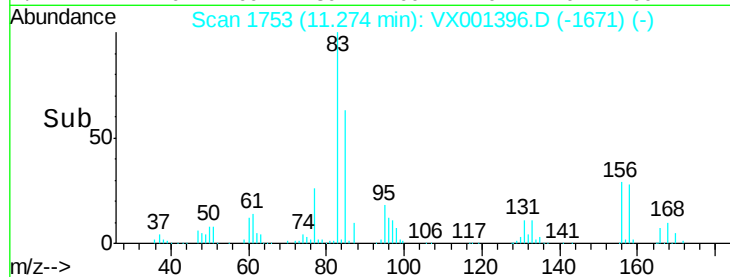
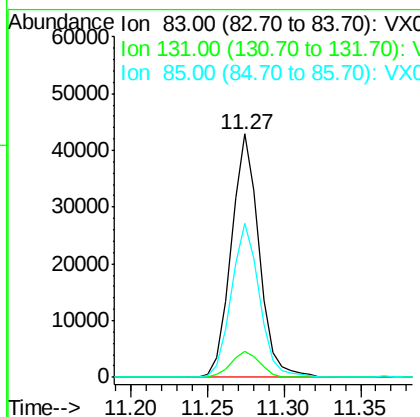
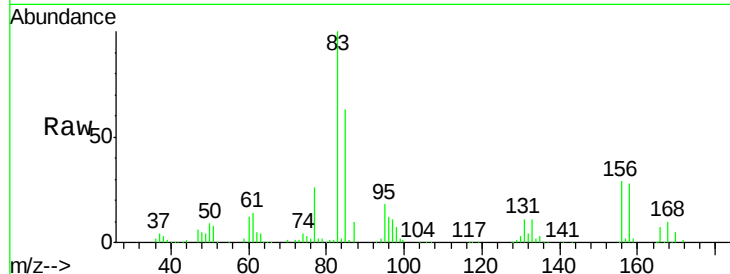
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.695 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	83	Resp	54018
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	5.3	16.1
85	64.1	32.5	97.5

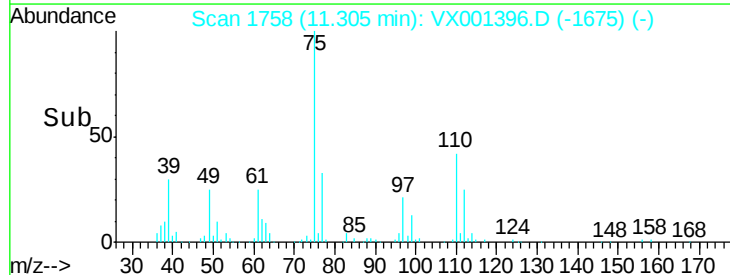
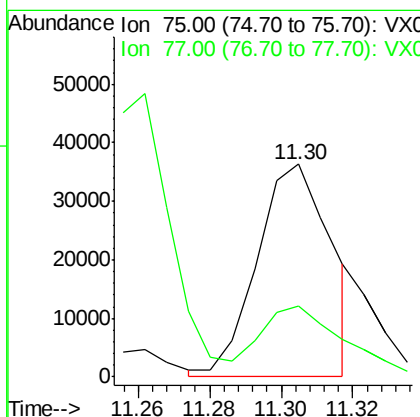
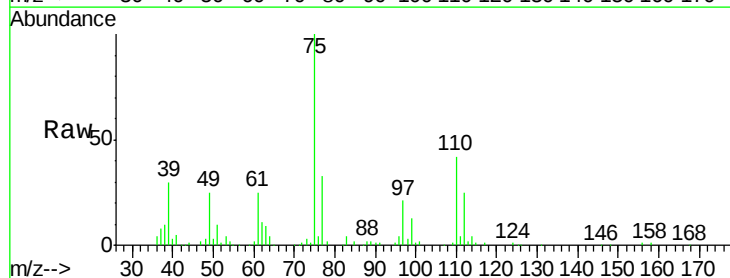
Manual Integrations
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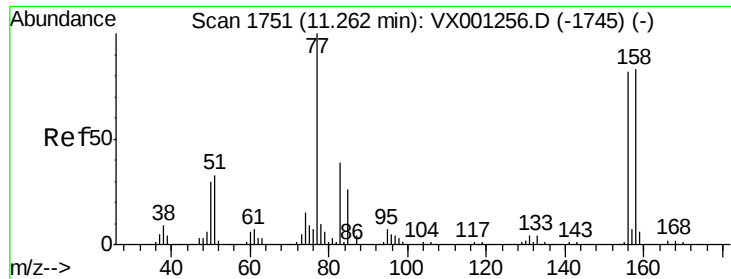
MMDadoda
 5/7/2018 7:28:01 PM



#72
 1,2,3-Trichloropropane
 Concen: 21.184 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	75	Resp	51999
Ion Ratio	100	Lower	Upper
75	100		
77	37.5	0.0	85.8





#73

Bromobenzene

Concen: 18.649 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

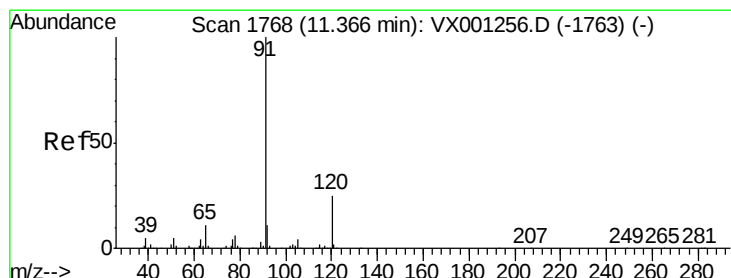
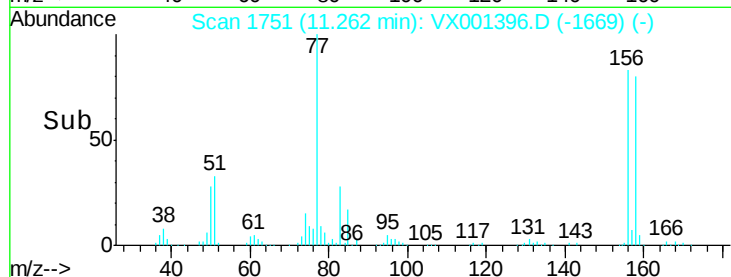
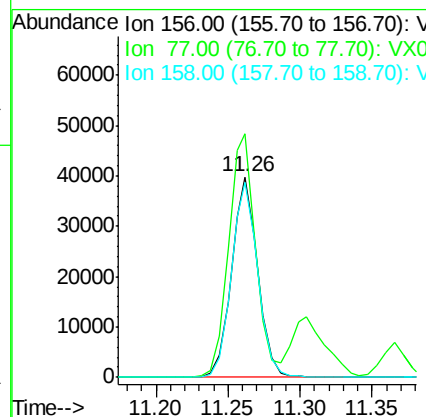
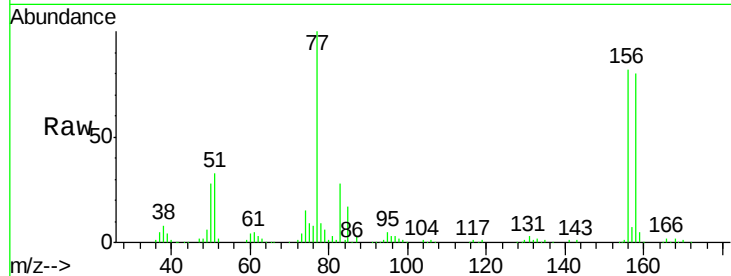
ClientSampleId :

VX0504WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	126.6	0.0	280.2
158	97.9	0.0	197.2

Manual Integrations
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#74

n-propylbenzene

Concen: 18.222 ug/l

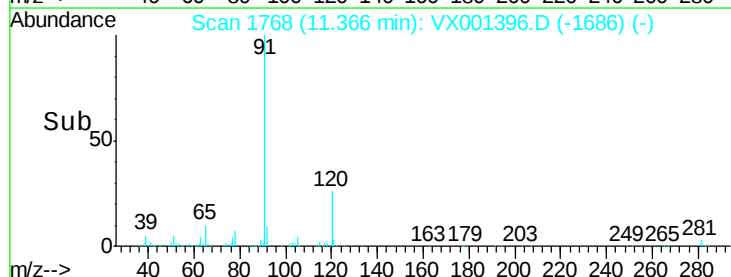
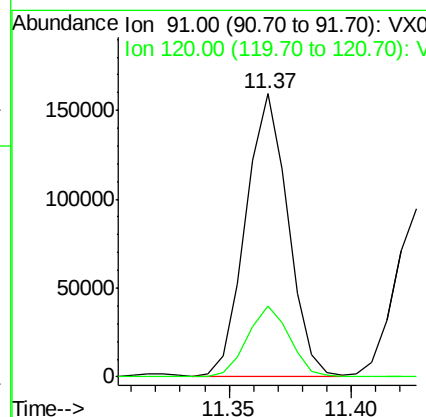
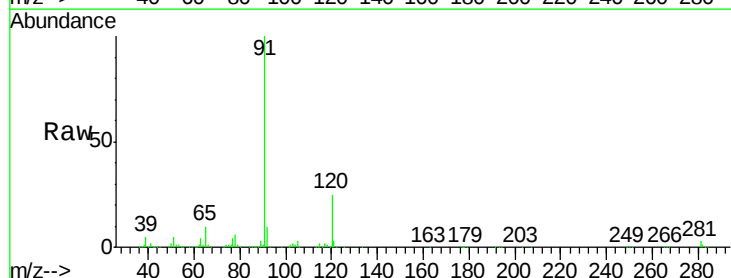
RT: 11.37 min Scan# 1768

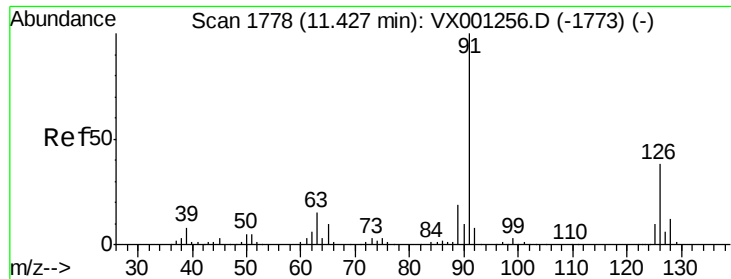
Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	0.0	47.4





#75

2-Chlorotoluene

Concen: 18.260 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 91 Resp: 116403

Ion Ratio Lower Upper

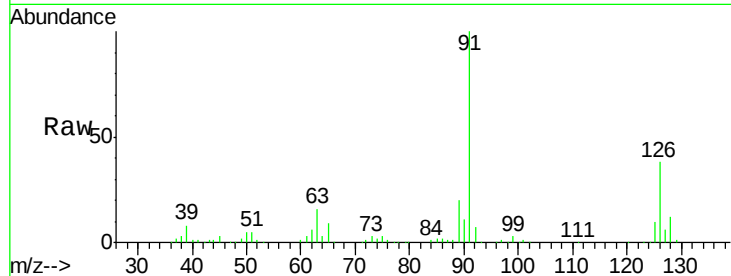
91 100

126 37.1 0.0 71.4

Manual Integrations
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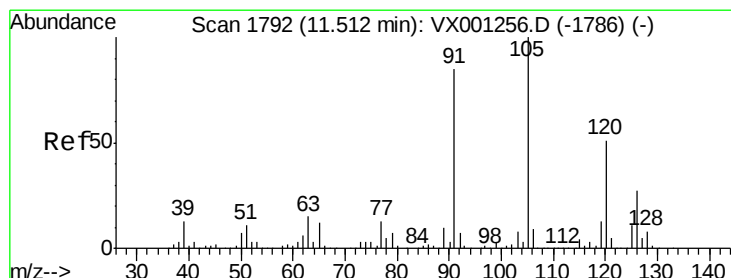
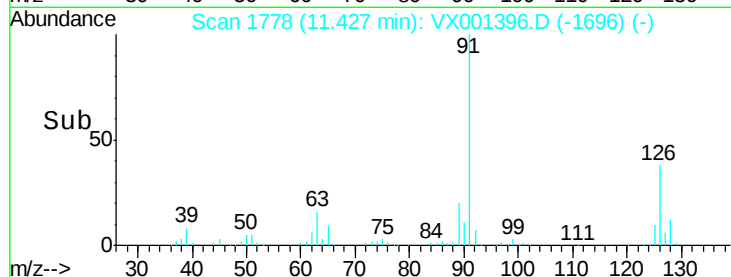
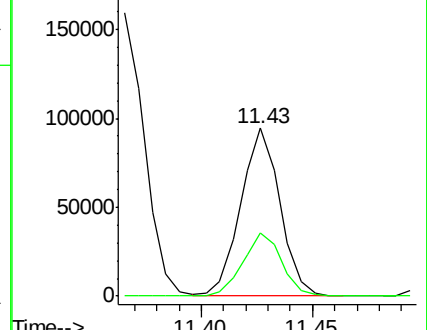
MMDadoda

5/7/2018 7:28:01 PM



Abundance Ion 91.00 (90.70 to 91.70): VX001256.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001256.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.427 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001396.D

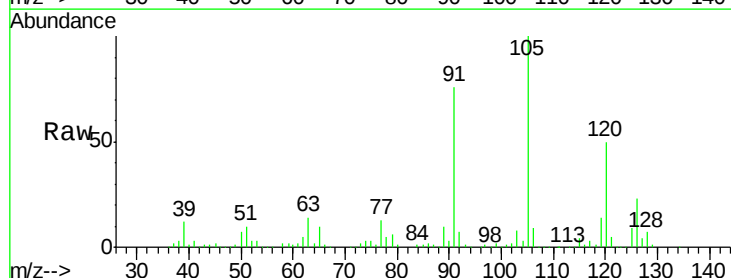
Acq: 04 May 2018 14:22

Tgt Ion: 105 Resp: 146818

Ion Ratio Lower Upper

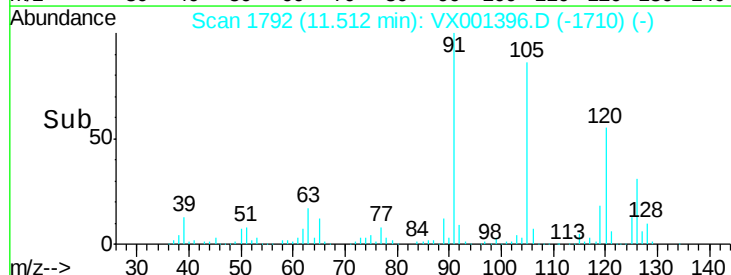
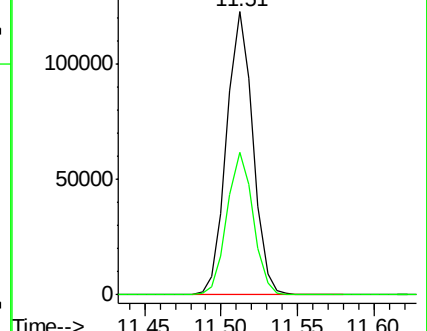
105 100

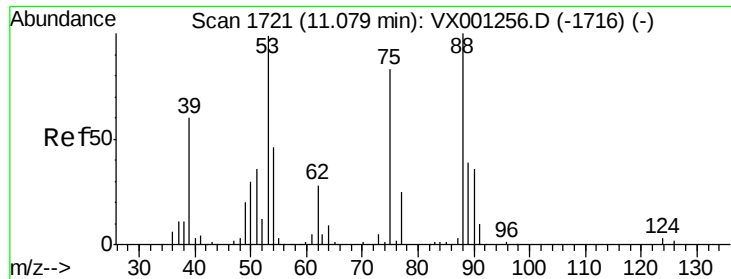
120 49.9 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): VX001256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001256.D (-1786) (-)





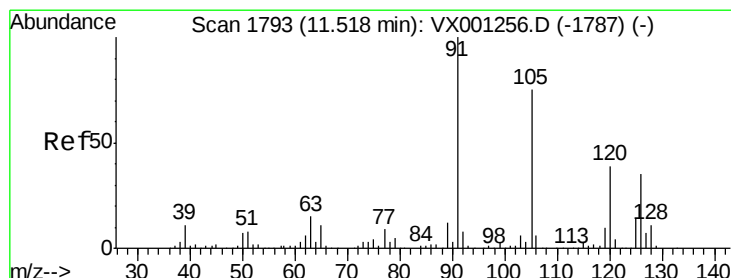
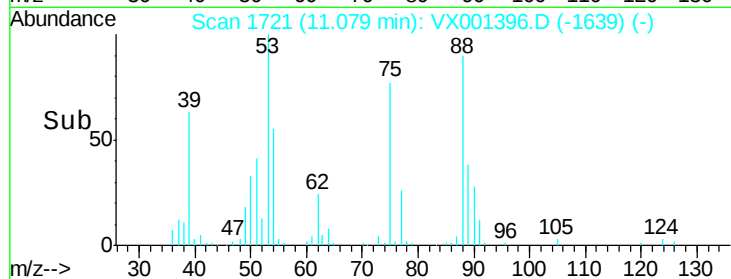
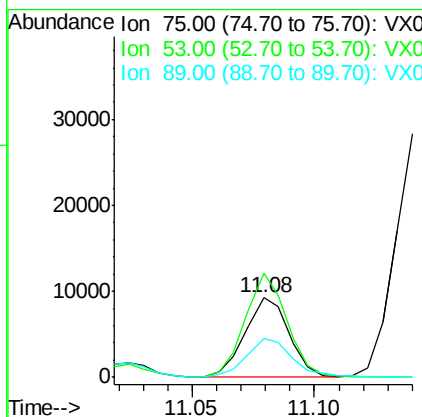
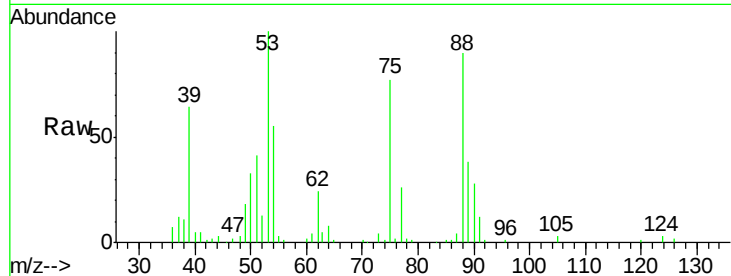
#77
t-1,4-Dichloro-2-butene
Concen: 16.100 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	129.7	47.8	143.3
89	48.5	22.3	66.8

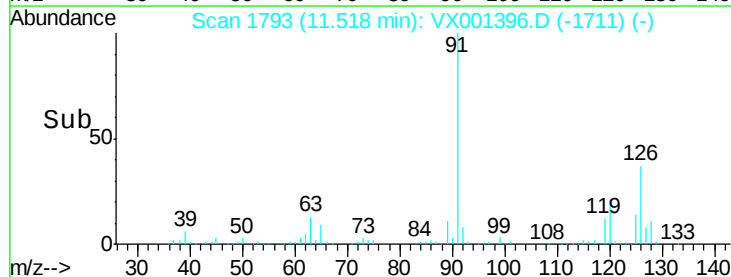
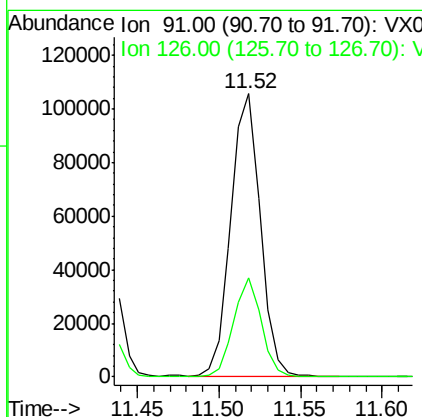
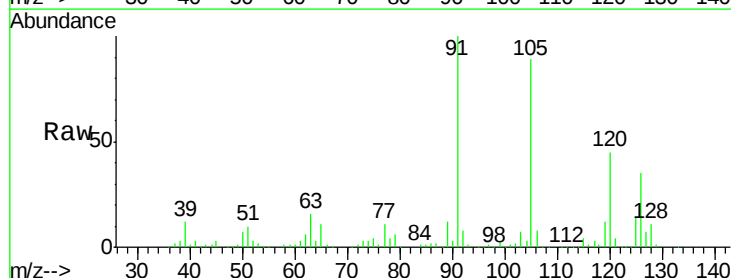
Manual Integrations
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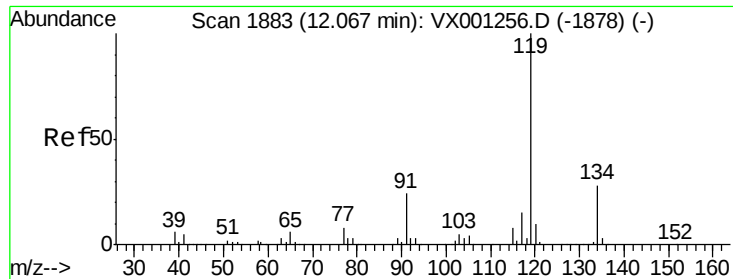
MMDadoda
5/7/2018 7:28:01 PM



#78
4-Chlorotoluene
Concen: 17.591 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	0.0	63.4





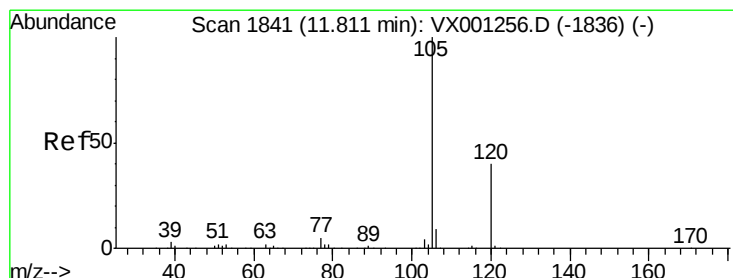
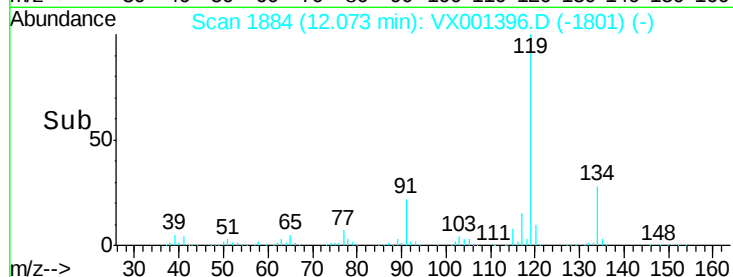
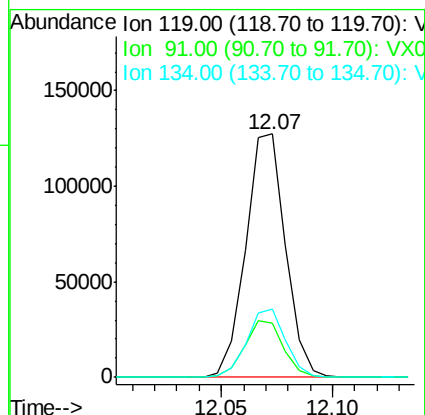
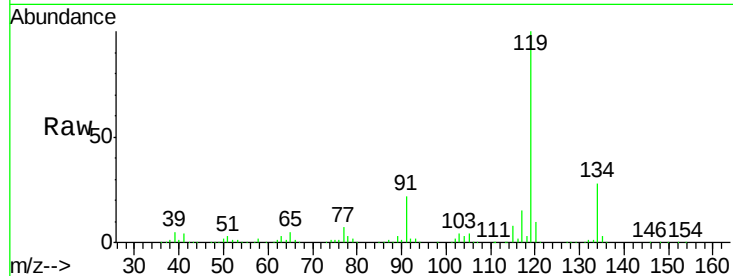
#79
tert-butylbenzene
Concen: 18.643 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	158943		
91	22.9	0.0	51.6	
134	27.3	0.0	60.2	

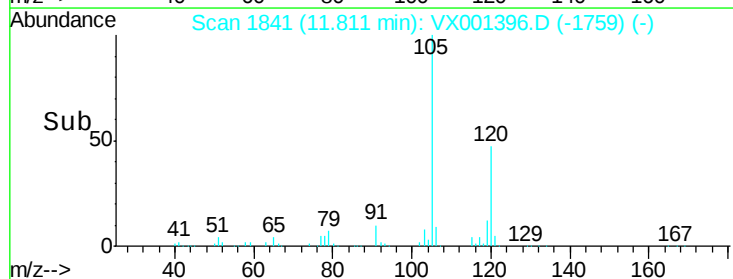
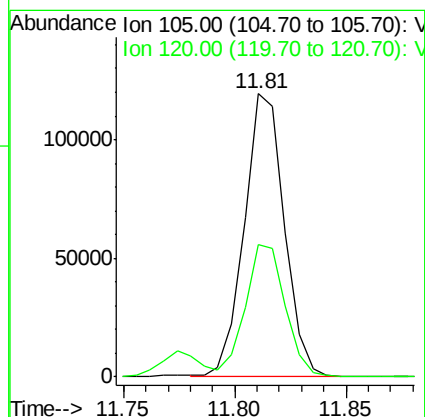
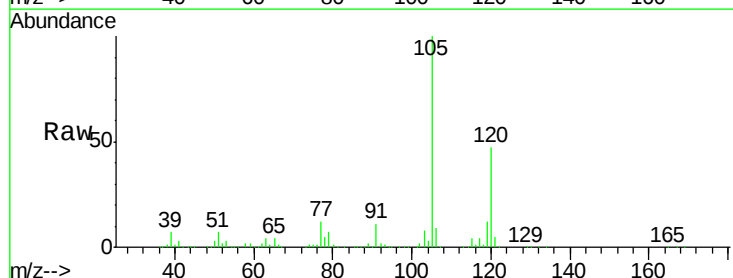
Manual Integrations
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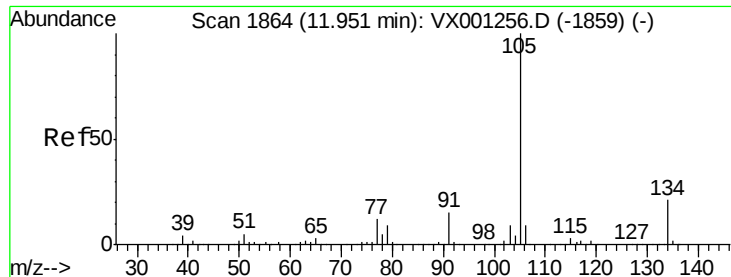
MMDadoda
5/7/2018 7:28:01 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.415 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	149324		
120	46.3	0.0	93.0	





#81

sec-Butylbenzene

Concen: 18.868 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion:105 Resp: 174561

Ion Ratio Lower Upper

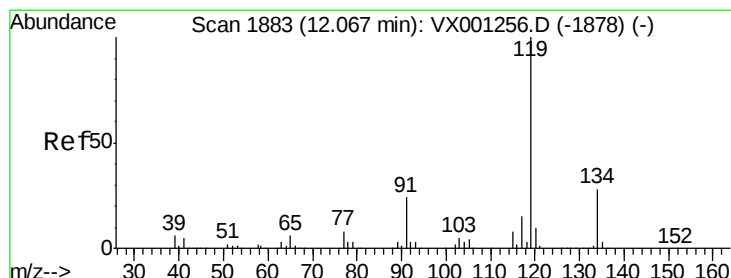
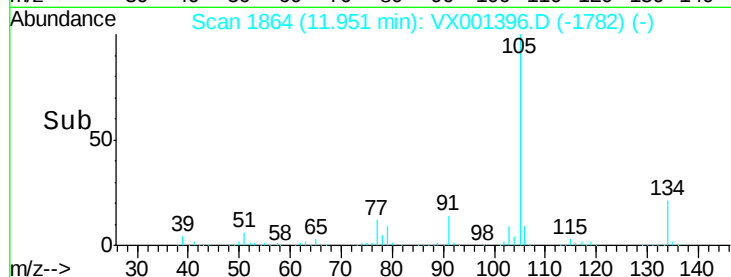
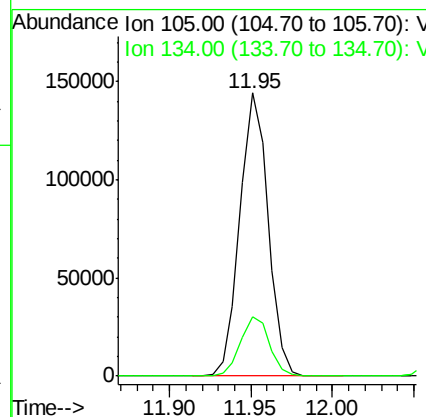
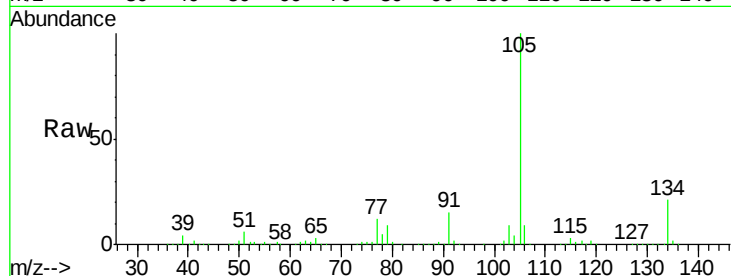
105 100

134 21.4 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 18.643 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001396.D

Acq: 04 May 2018 14:22

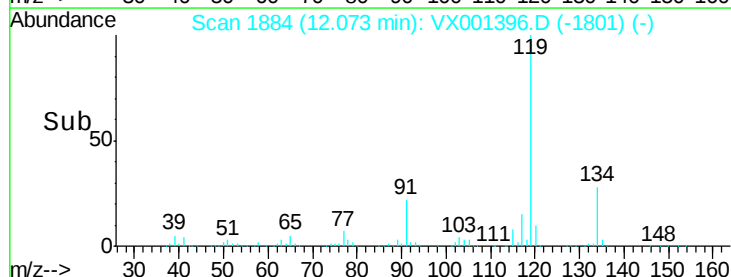
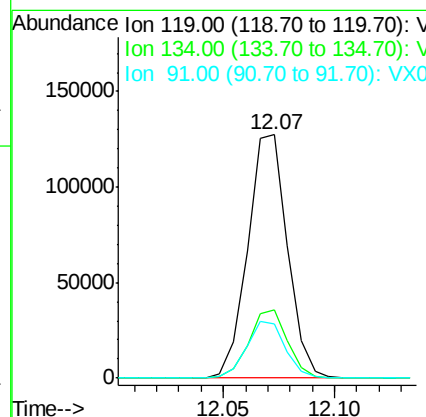
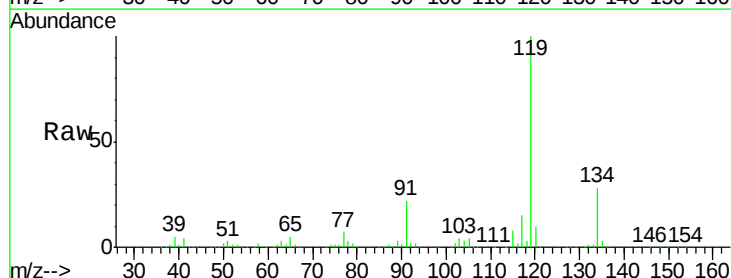
Tgt Ion:119 Resp: 158943

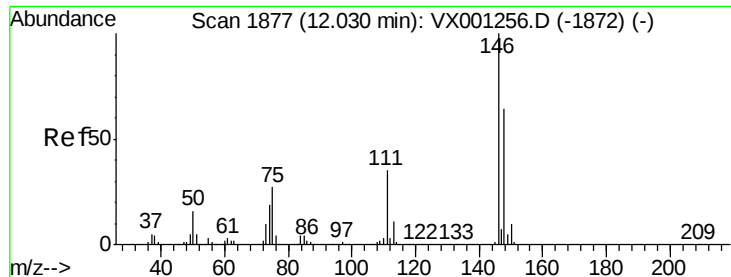
Ion Ratio Lower Upper

119 100

134 27.3 0.0 54.4

91 22.9 0.0 46.6





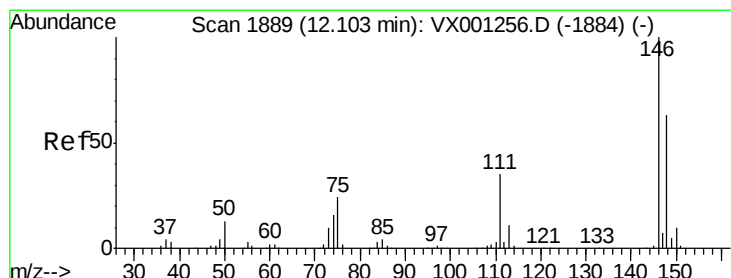
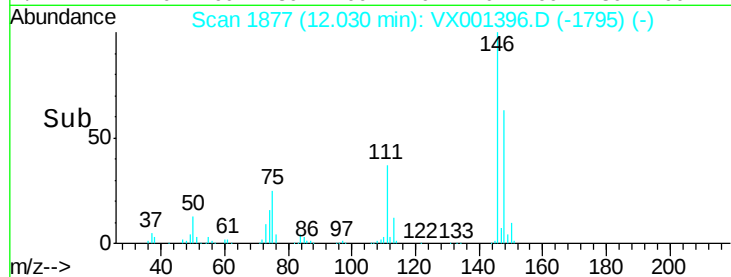
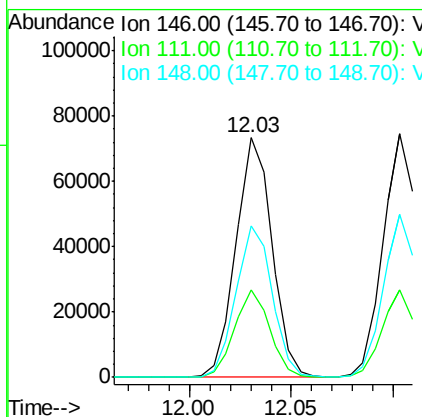
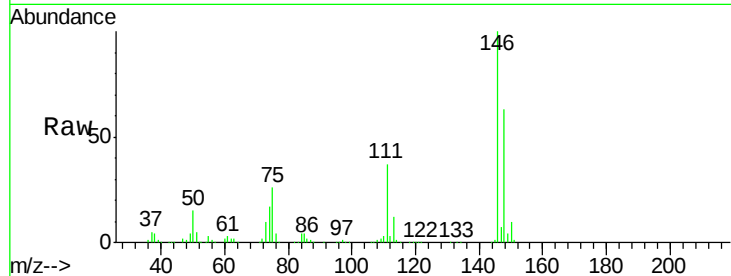
#83
 1,3-Dichlorobenzene
 Concen: 18.202 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.5	19.4	58.2
148	63.7	32.6	97.7

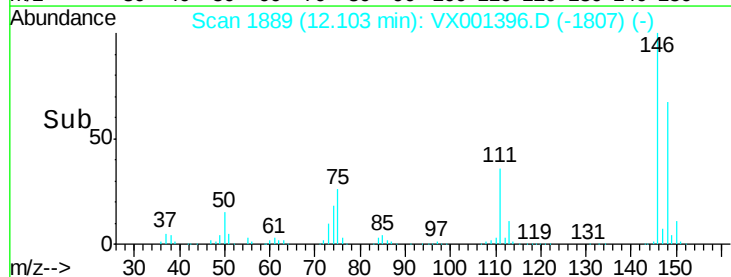
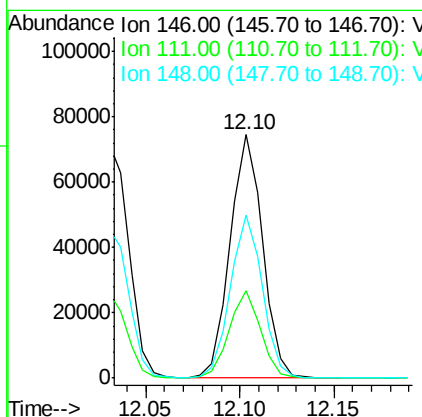
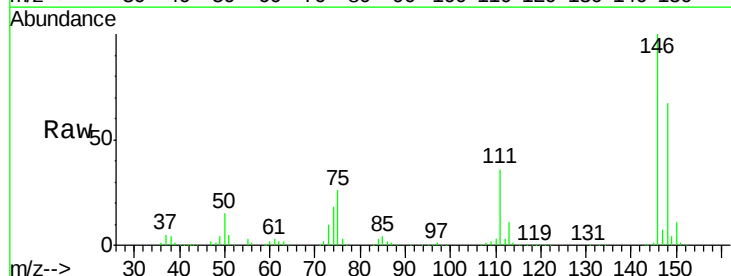
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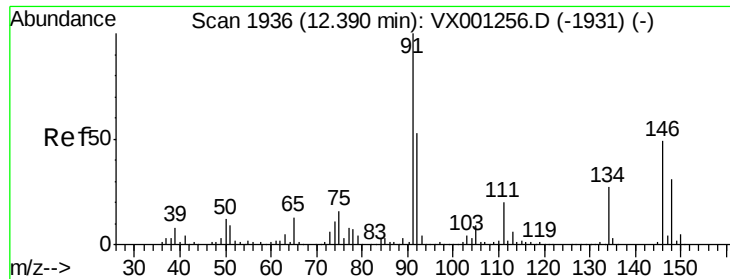
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#84
 1,4-Dichlorobenzene
 Concen: 17.716 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	18.4	55.0
148	65.7	31.9	95.7





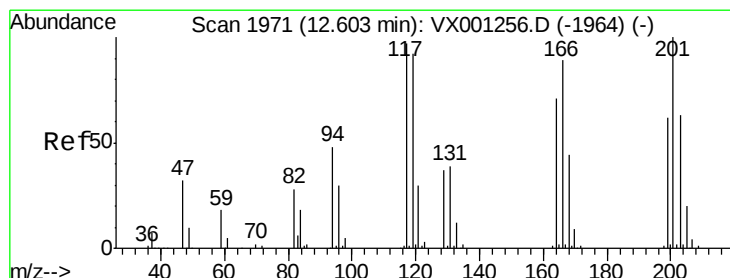
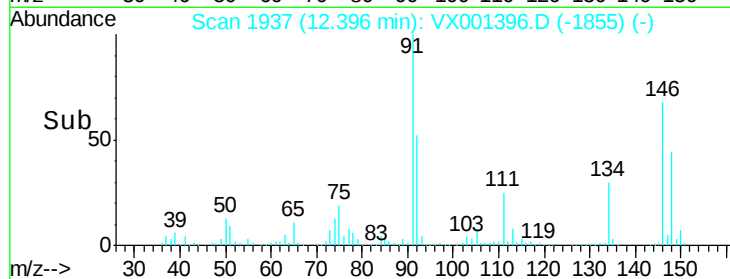
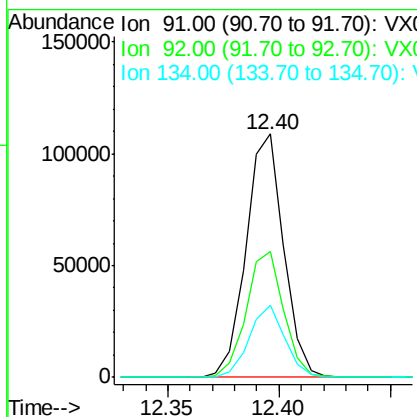
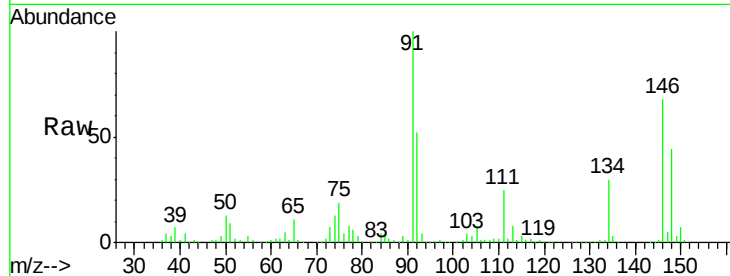
#85
n-Butylbenzene
Concen: 17.377 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	128110		
92	51.6	0.0	102.0	
134	28.4	0.0	54.2	

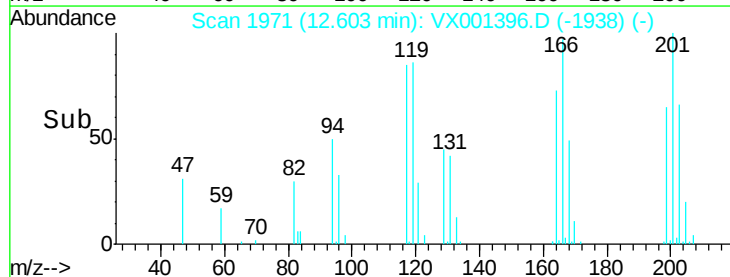
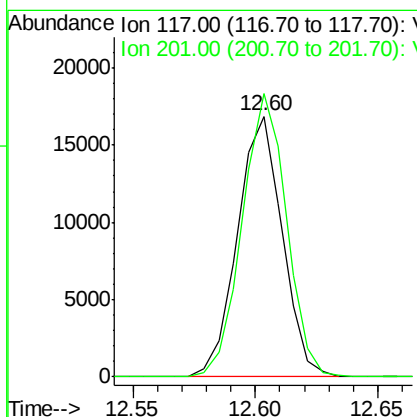
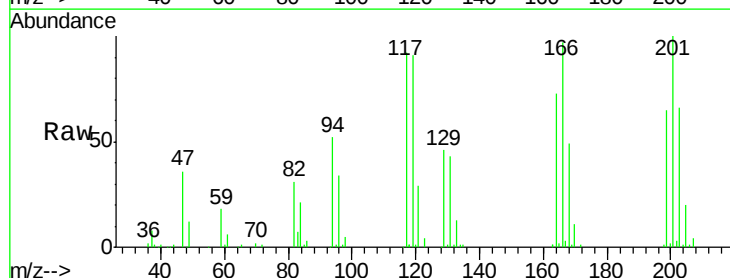
Manual Integrations
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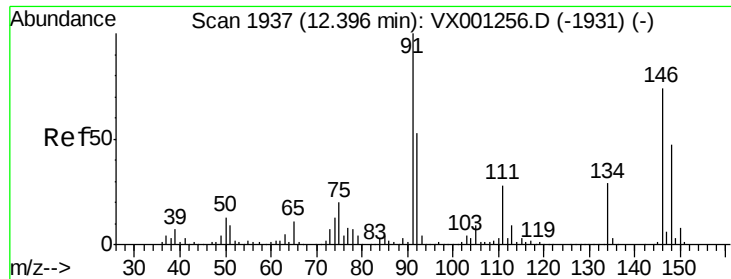
MMDadoda
5/7/2018 7:28:01 PM



#86
Hexachloroethane
Concen: 16.493 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21493		
201	107.5	38.9	116.6	





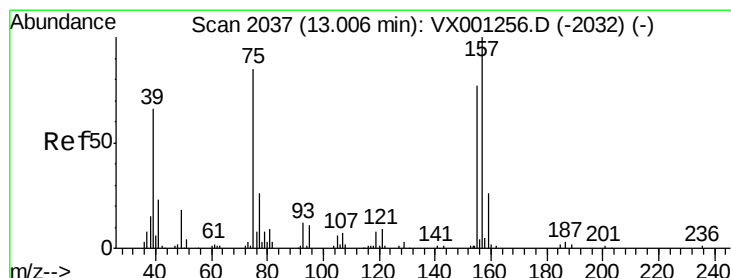
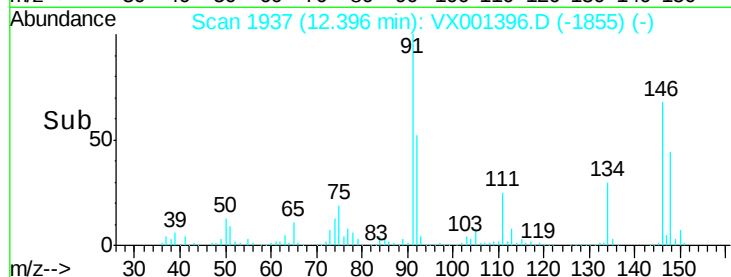
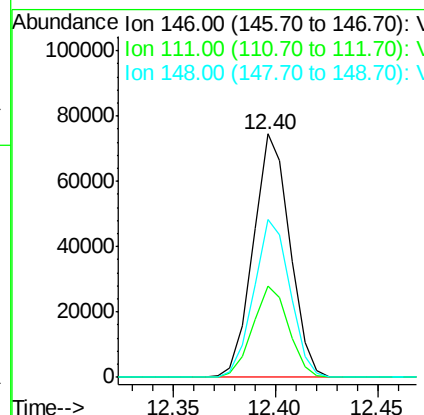
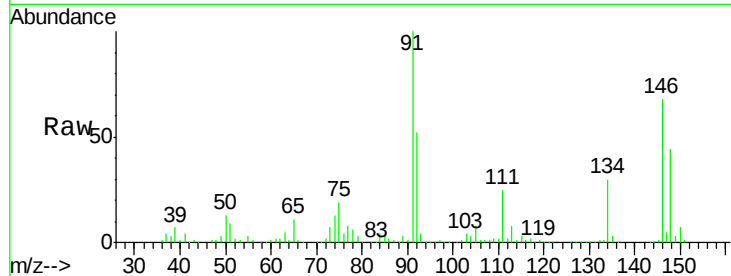
#87
 1,2-Dichlorobenzene
 Concen: 18.879 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.0	60.0
148	64.5	31.6	95.0

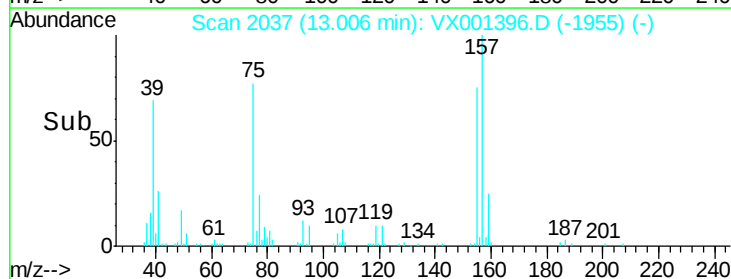
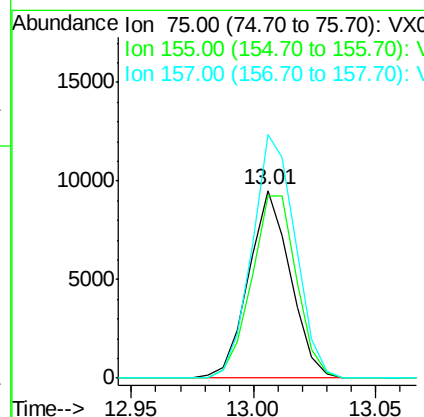
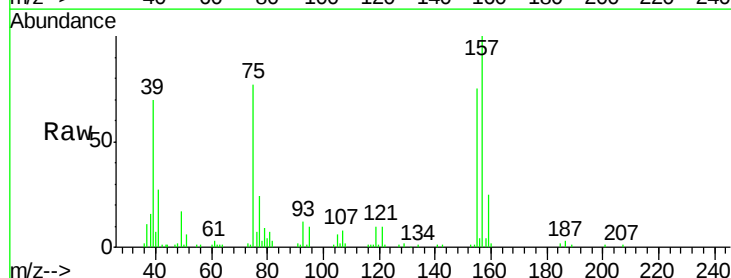
Manual Integrations
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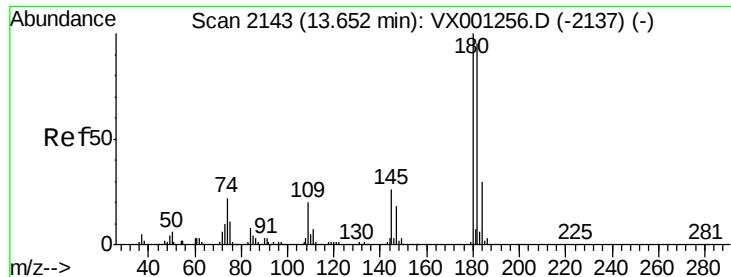
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.759 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001396.D
 Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.9	75.1	112.7
157	134.5	99.0	148.4





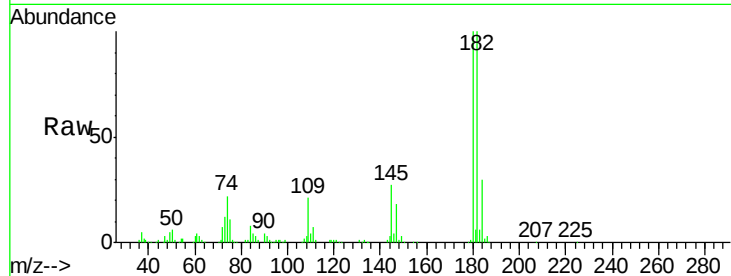
#89
1,2,4-Trichlorobenzene
Concen: 17.950 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

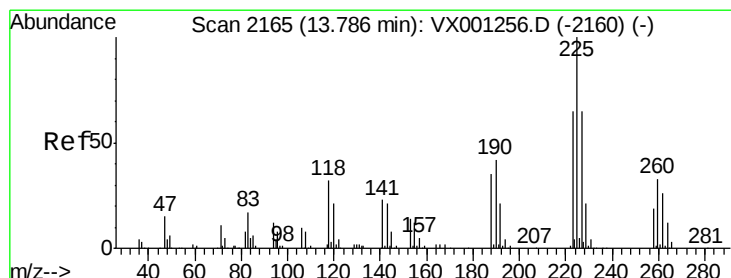
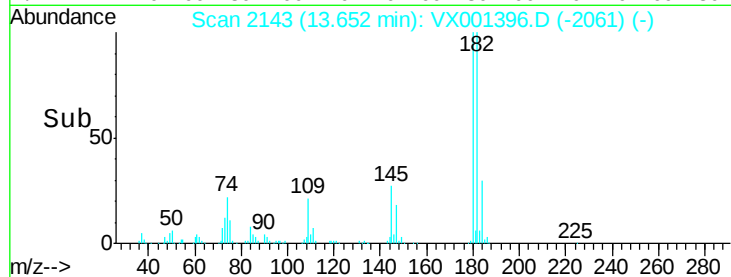
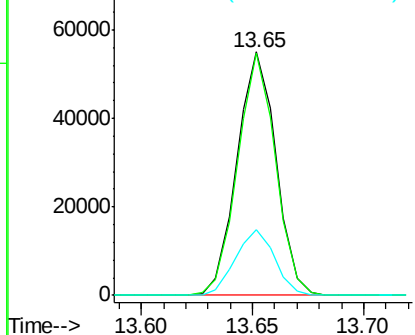
Tot Ion	Ratio	Resp	Lower	Upper
180	100	67011		
182	96.8	76.3	114.5	
145	27.5	24.6	37.0	

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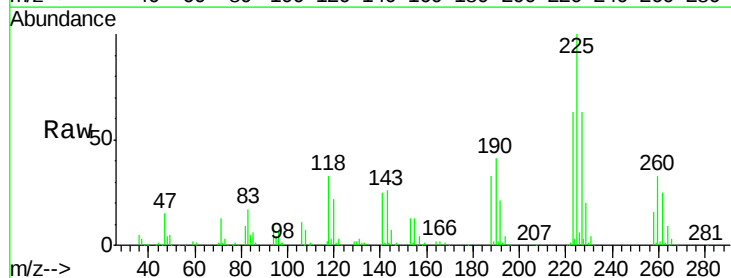


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

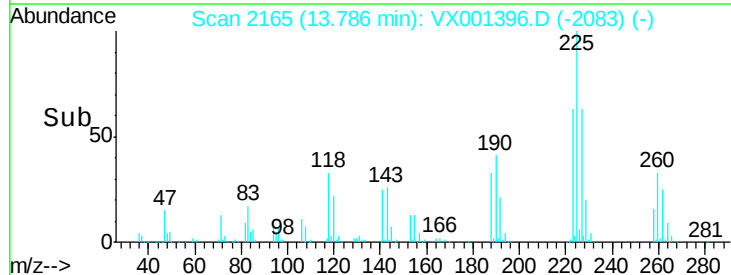
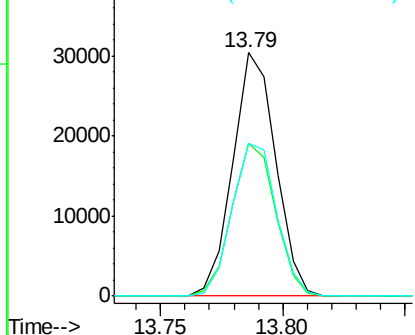


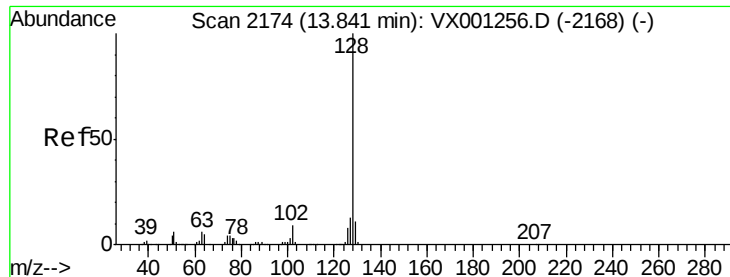
#90
Hexachlorobutadiene
Concen: 21.449 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37172		
223	64.0	0.0	131.2	
227	65.1	0.0	127.6	



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





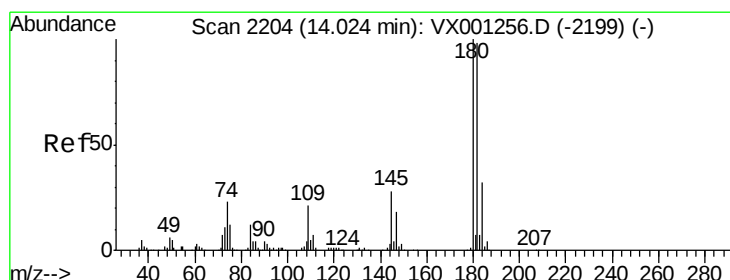
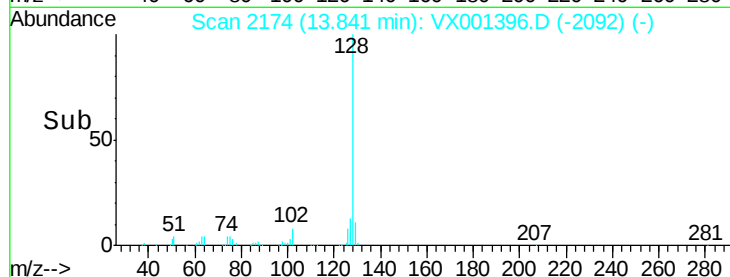
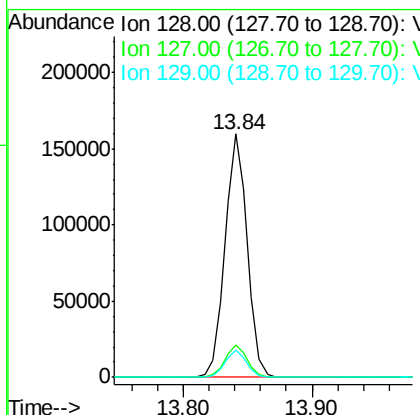
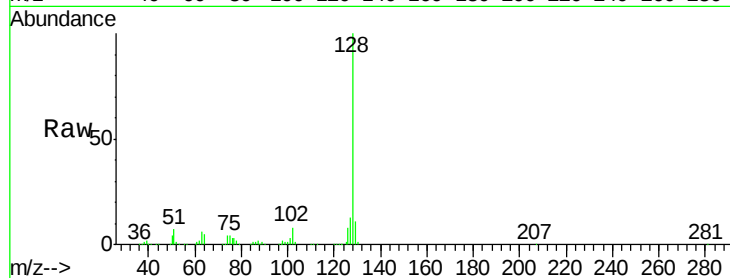
#91
Naphthalene
Concen: 19.961 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	9.0	13.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.489 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001396.D
Acq: 04 May 2018 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	188.6
145	27.9	0.0	65.8

