

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004313.D
 Acq On : 30 Aug 2018 01:11
 Operator : JC/MD
 Sample : J4681-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:39 PM

Quant Time: Aug 30 07:37:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	290474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195880	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.50	113	169843	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	8.71	98	627140	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	11.14	95	234504	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	164814	48.99	ug/l	98
3) Chloromethane	1.32	50	189100	50.85	ug/l	99
4) Vinyl Chloride	1.40	62	196966	51.75	ug/l	100
5) Bromomethane	1.63	94	84869	45.04	ug/l	100
6) Chloroethane	1.71	64	131875	49.02	ug/l	98
7) Trichlorofluoromethane	1.92	101	263780	50.58	ug/l	95
8) Diethyl Ether	2.18	74	119130	53.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156678	47.96	ug/l	100
10) Methyl Iodide	2.50	142	178169	48.48	ug/l	99
11) Tert butyl alcohol	3.08	59	227138	281.45	ug/l	100
12) 1,1-Dichloroethene	2.37	96	154529	50.22	ug/l	98
13) Acrolein	2.29	56	53621	275.60	ug/l	100
14) Allyl chloride	2.72	41	286524	50.68	ug/l	97
15) Acrylonitrile	3.15	53	548910	274.64	ug/l	99
16) Acetone	2.45	43	460021	299.24	ug/l	98
17) Carbon Disulfide	2.56	76	403110	47.21	ug/l	99
18) Methyl Acetate	2.78	43	252574	44.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	537595	53.01	ug/l	97
20) Methylene Chloride	2.86	84	185512	50.90	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	168726	49.54	ug/l	96
22) Diisopropyl ether	3.87	45	540391	51.19	ug/l	98
23) Vinyl Acetate	3.82	43	1395547	163.11	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330285	53.69	ug/l	99
25) 2-Butanone	4.71	43	720006	284.21	ug/l	99
26) 2,2-Dichloropropane	4.58	77	135281	28.04	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	195695	50.66	ug/l	95
28) Bromochloromethane	5.02	49	148916	54.68	ug/l	99
29) Tetrahydrofuran	5.16	42	457791	281.44	ug/l	100
30) Chloroform	5.21	83	327143	53.04	ug/l	98
31) Cyclohexane	5.57	56	264296	49.79	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	269934	52.48	ug/l	99
36) 1,1-Dichloropropene	5.79	75	235573	48.77	ug/l	98
37) Ethyl Acetate	4.86	43	225994	47.57	ug/l	100
38) Carbon Tetrachloride	5.78	117	234998	51.71	ug/l	98

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 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254099	46.07	ug/l	98
40) Benzene	6.14	78	750679	52.01	ug/l	100
41) Methacrylonitrile	5.06	41	149702	54.36	ug/l	99
42) 1,2-Dichloroethane	6.20	62	253965	51.58	ug/l	100
43) Isopropyl Acetate	6.47	43	310475	42.53	ug/l	100
44) Trichloroethene	7.21	130	195680	48.98	ug/l	97
45) 1,2-Dichloropropane	7.52	63	193018	53.43	ug/l	99
46) Dibromomethane	7.67	93	124793	51.88	ug/l	98
47) Bromodichloromethane	7.90	83	240971	53.84	ug/l	98
48) Methyl methacrylate	7.78	41	215283	55.11	ug/l	99
49) 1,4-Dioxane	7.76	88	99921	1126.68	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1417153	267.18	ug/l	100
52) Toluene	8.79	92	465860	51.56	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	243760	49.31	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	262024	48.66	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	194198	53.24	ug/l	99
56) Ethyl methacrylate	9.18	69	279449	56.28	ug/l	98
57) 1,3-Dichloropropane	9.37	76	326905	53.17	ug/l	100
59) 2-Hexanone	9.50	43	1092740	270.05	ug/l	100
60) Dibromochloromethane	9.59	129	193012	54.32	ug/l	99
61) 1,2-Dibromoethane	9.67	107	195911	51.90	ug/l	100
64) Tetrachloroethene	9.34	164	222261	55.50	ug/l	99
65) Chlorobenzene	10.14	112	487884	47.96	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	185220	52.78	ug/l	96
67) Ethyl Benzene	10.26	91	846935	51.26	ug/l	98
68) m/p-Xylenes	10.36	106	683414	105.78	ug/l	100
69) o-Xylene	10.70	106	335163	54.84	ug/l	99
70) Stvrene	10.71	104	548863	55.47	ug/l	100
71) Bromoform	10.86	173	154450	54.60	ug/l	99
73) Isopropylbenzene	11.02	105	894589	54.67	ug/l	99
74) N-amyl acetate	10.90	43	225359	35.77	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	305017	53.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268645m	53.01	ug/l	
77) Bromobenzene	11.26	156	240938	52.49	ug/l	99
78) n-propylbenzene	11.36	91	1015378	53.95	ug/l	100
79) 2-Chlorotoluene	11.42	91	610154	52.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	745158	54.98	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	73080	46.79	ug/l	98
82) 4-Chlorotoluene	11.51	91	715649	52.50	ug/l	99
83) tert-Butylbenzene	11.77	119	746427	54.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	763683	54.90	ug/l	100
85) sec-Butylbenzene	11.95	105	859903	53.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	729030	50.25	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	420235	48.62	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	421868	46.29	ug/l	99
89) n-Butylbenzene	12.39	91	578633	49.05	ug/l	100
90) Hexachloroethane	12.60	117	109918	54.21	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	410705	51.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55121	54.65	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	292888	50.96	ug/l	98

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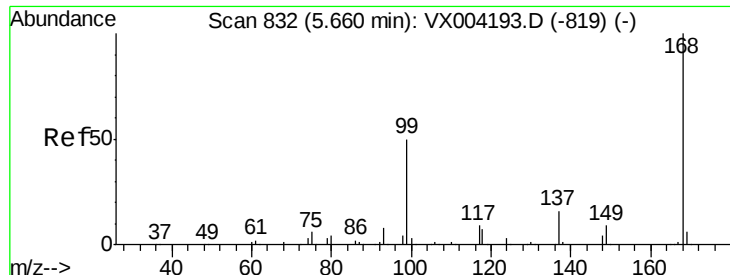
Manual Integrations
APPROVED

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8/30/2018 1:38:39 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135140	50.54	ug/l	96
95) Naphthalene	13.83	128	998534	61.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327637	53.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:168 Resp: 290474

Ion Ratio Lower Upper

168 100

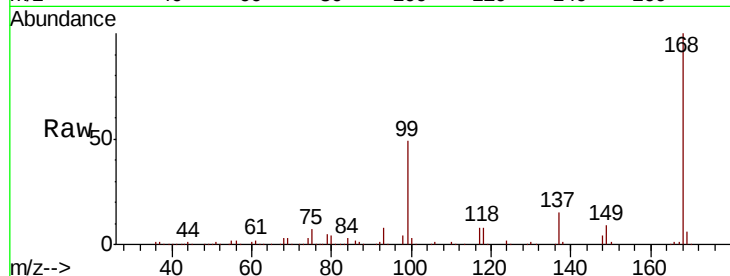
99 48.5 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

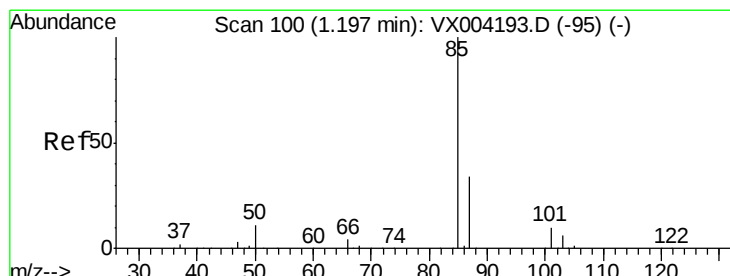
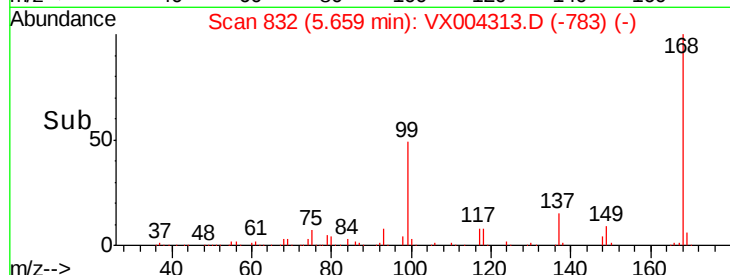
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.99 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004313.D

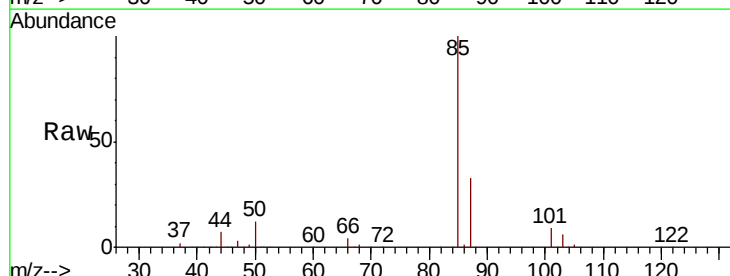
Acq: 30 Aug 2018 01:11

Tgt Ion: 85 Resp: 164814

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

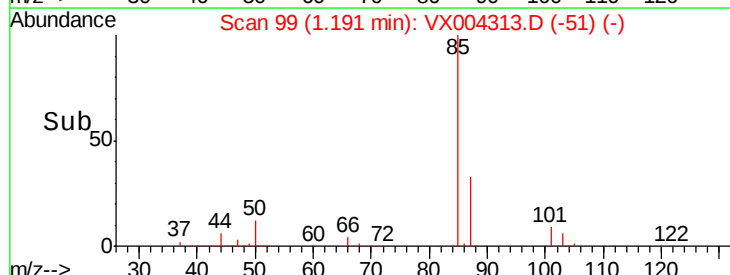
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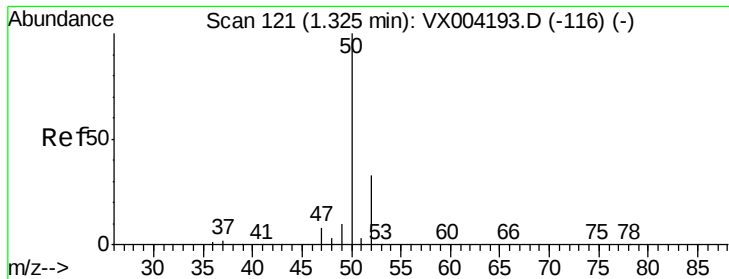
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.85 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 50 Resp: 189100

Ion Ratio Lower Upper

50 100

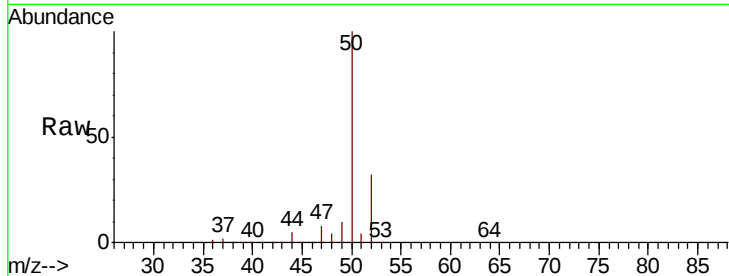
52 32.1 26.2 39.2

Manual Integrations

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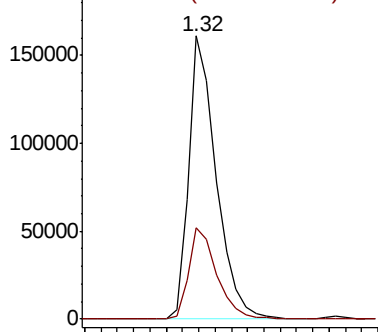
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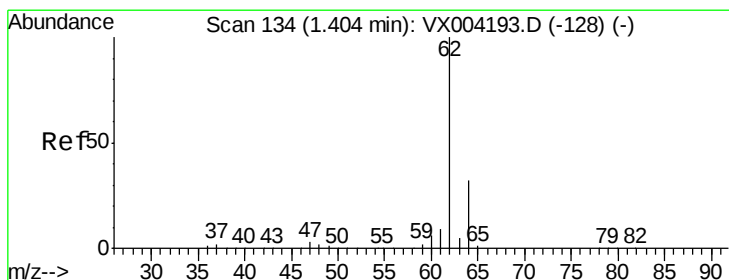
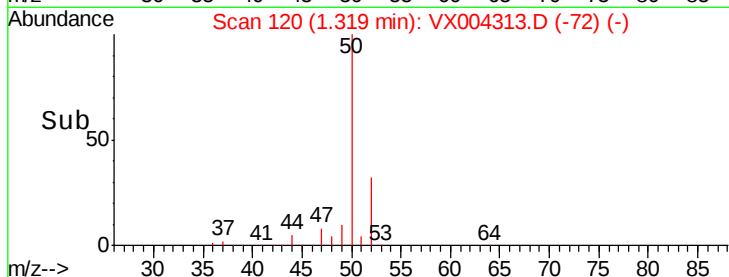


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 51.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004313.D

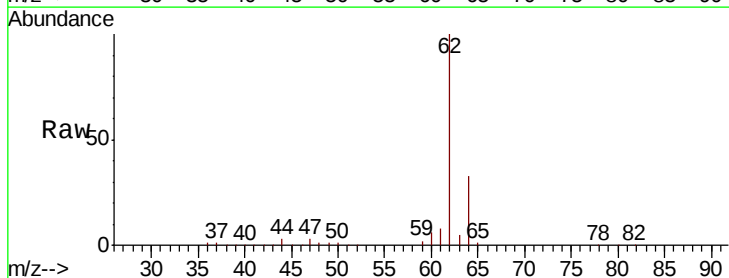
Acq: 30 Aug 2018 01:11

Tgt Ion: 62 Resp: 196966

Ion Ratio Lower Upper

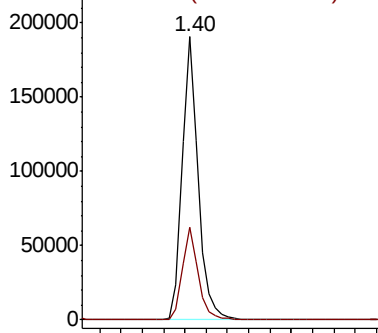
62 100

64 32.6 25.8 38.8

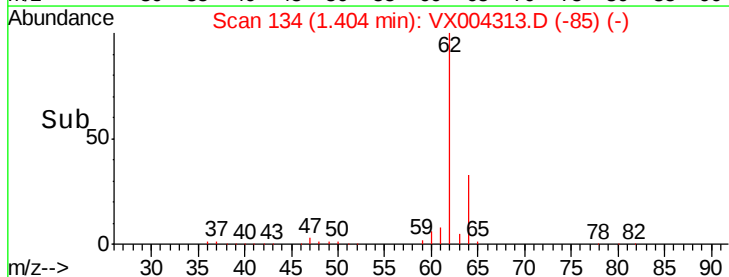


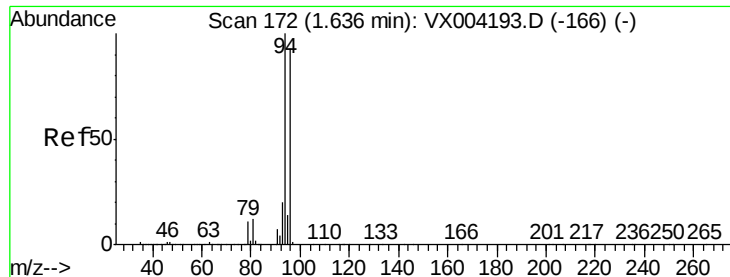
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 45.04 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 94 Resp: 84869

Ion Ratio Lower Upper

94 100

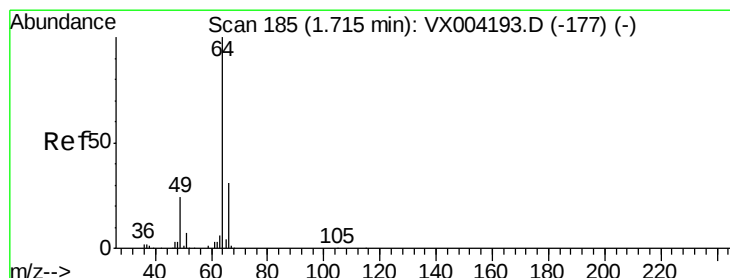
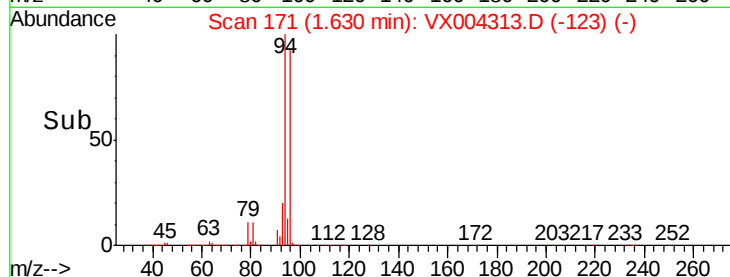
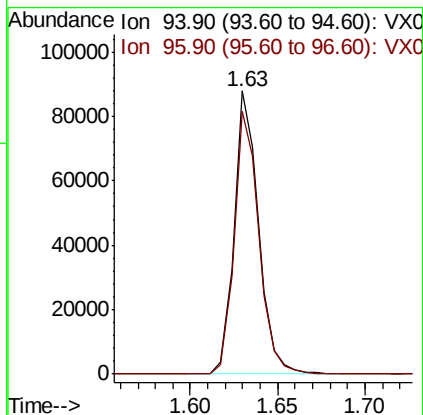
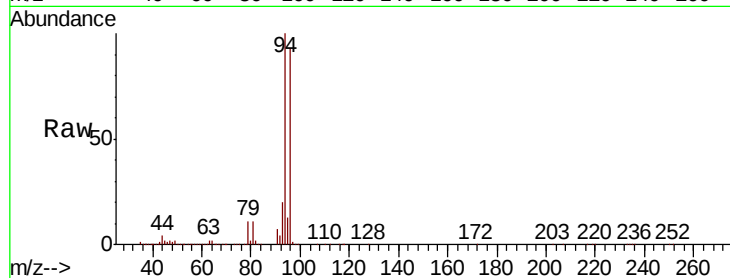
96 92.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 49.02 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004313.D

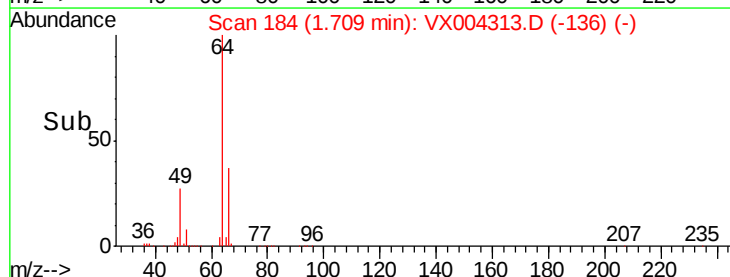
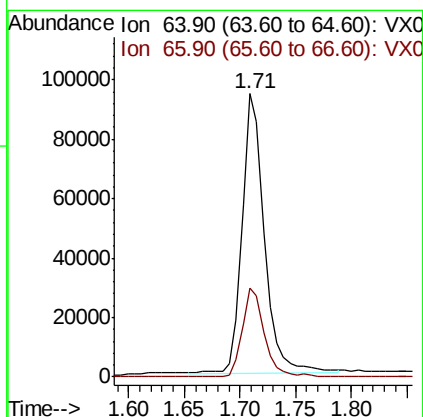
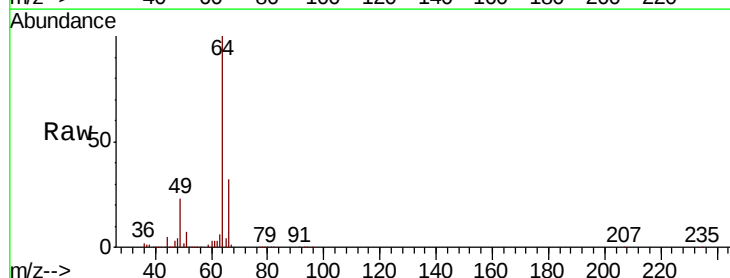
Acq: 30 Aug 2018 01:11

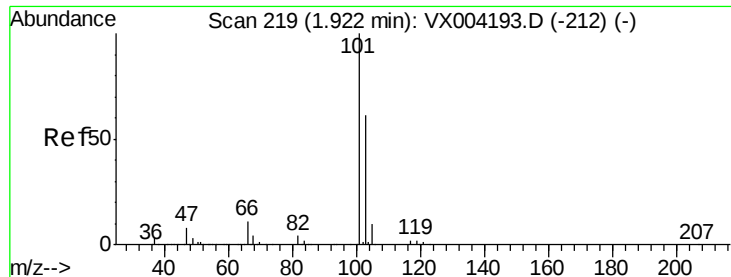
Tgt Ion: 64 Resp: 131875

Ion Ratio Lower Upper

64 100

66 31.8 24.6 36.8





#7

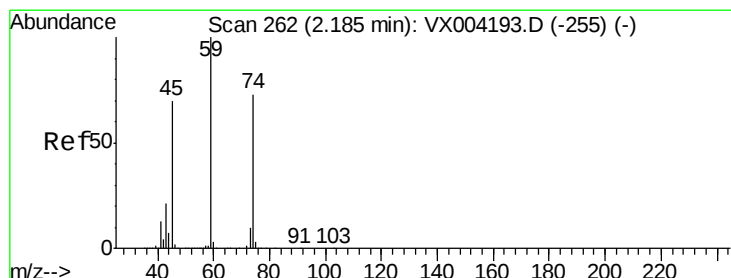
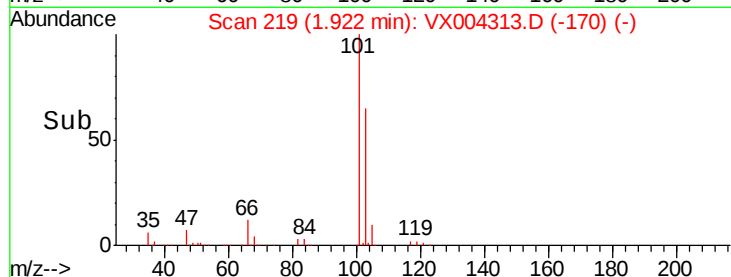
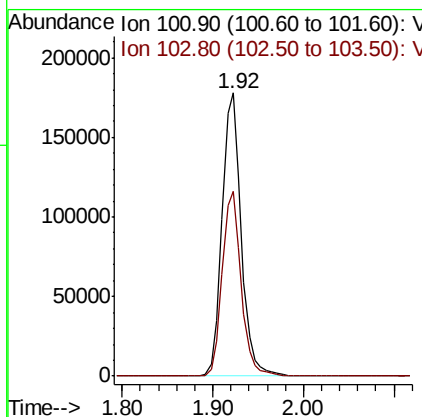
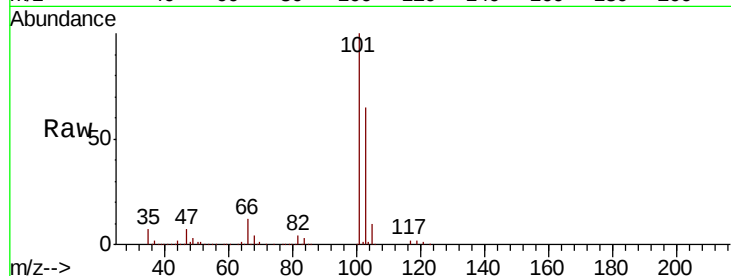
Trichlorofluoromethane
Concen: 50.58 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	263780		
103	65.1	48.9	73.3	

Manual Integrations
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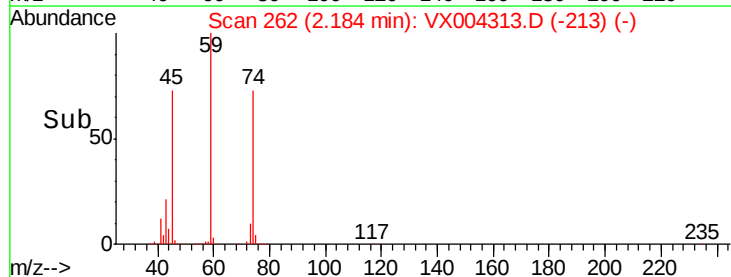
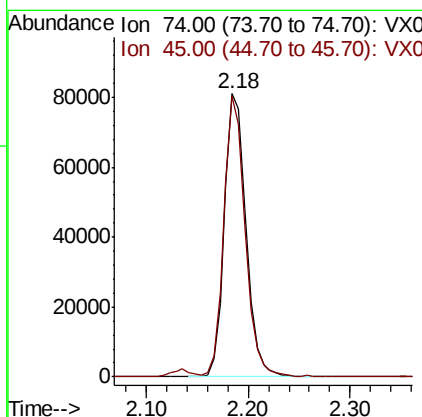
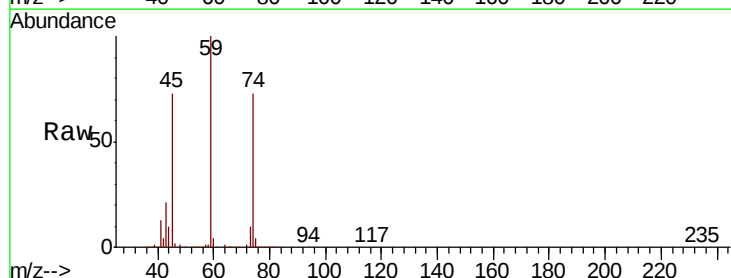
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8/30/2018 1:38:39 PM

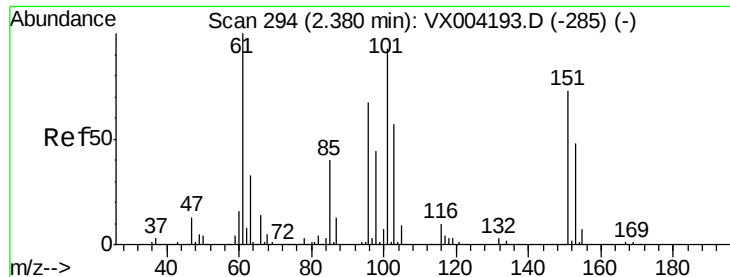


#8

Diethyl Ether
Concen: 53.34 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	119130		
45	96.5	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.96 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

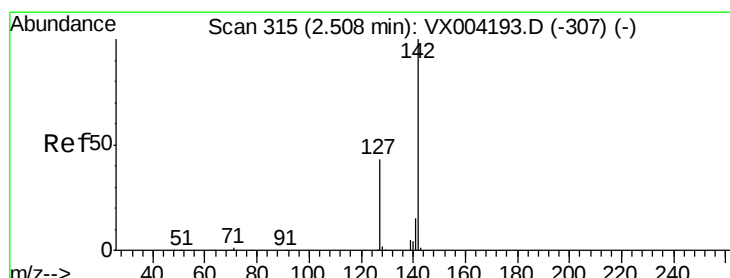
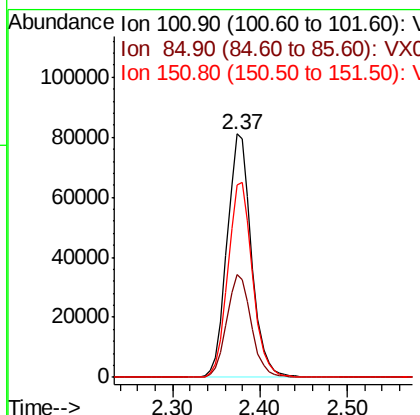
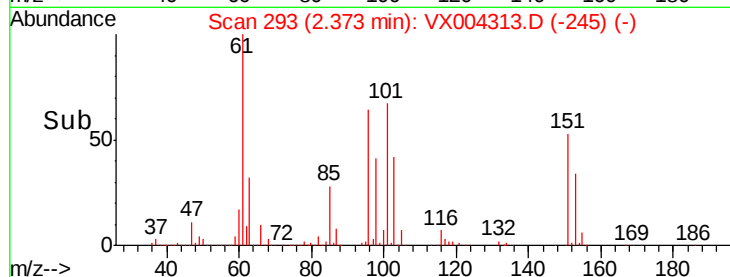
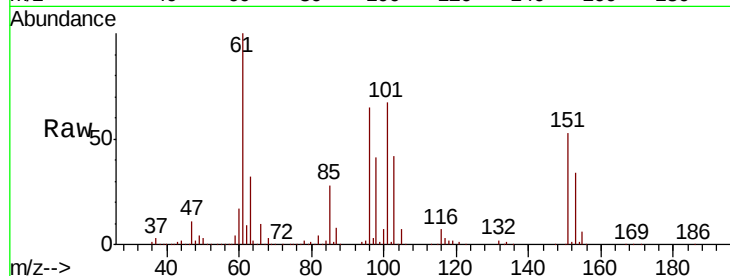
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	101	Resp:	156678
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.2	51.4
151	81.4	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 48.48 ug/l

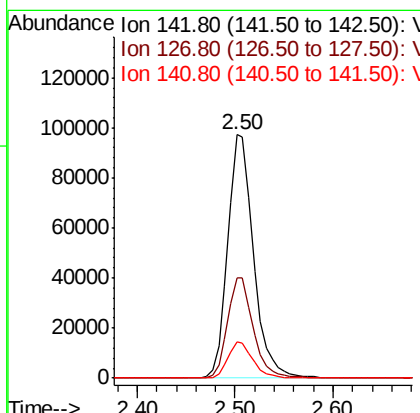
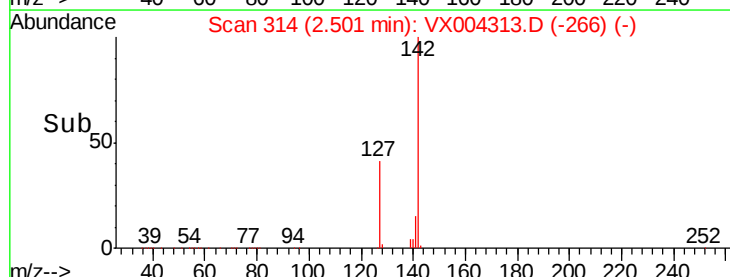
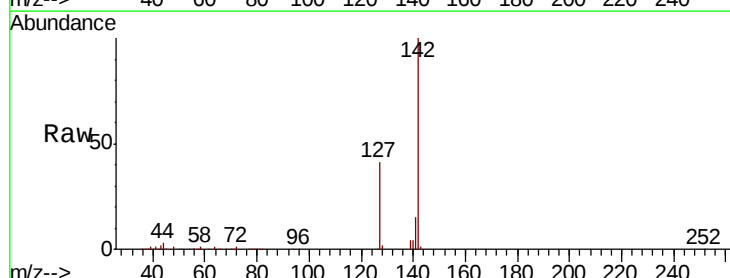
RT: 2.50 min Scan# 314

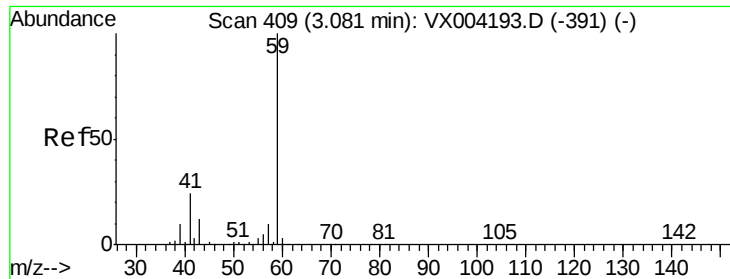
Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion:	142	Resp:	178169
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.8	50.6
141	14.3	11.4	17.0





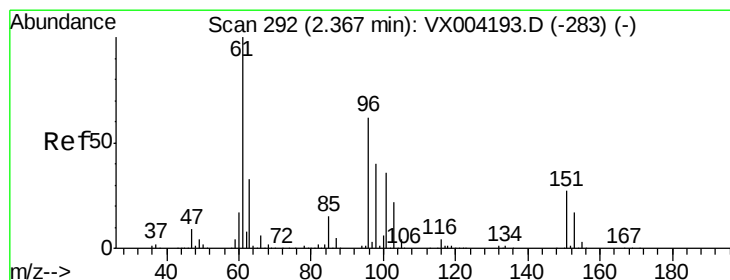
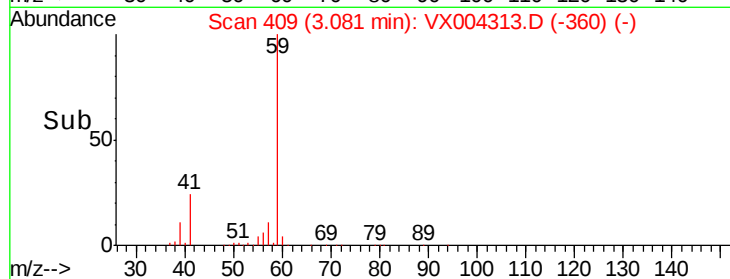
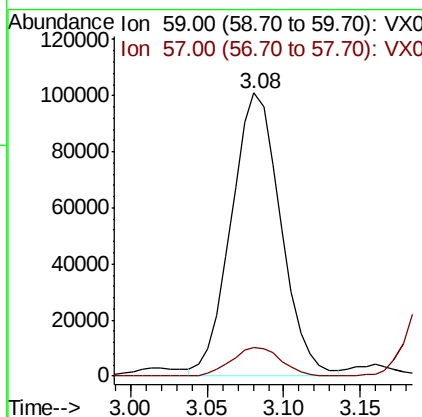
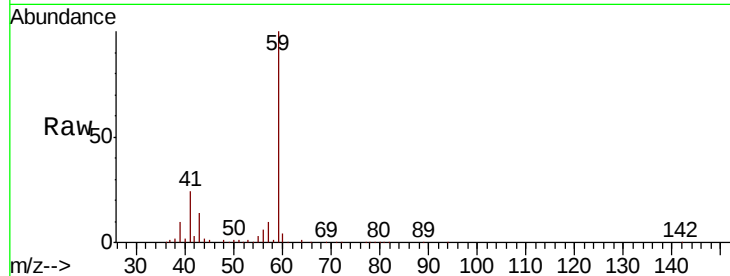
#11
Tert butyl alcohol
Concen: 281.45 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	59	Resp	227138
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.4

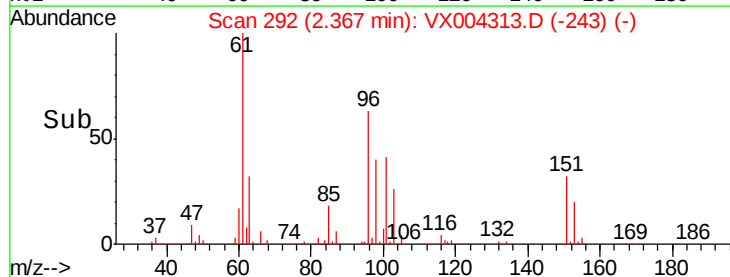
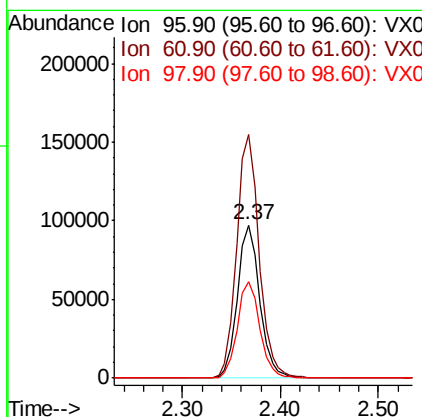
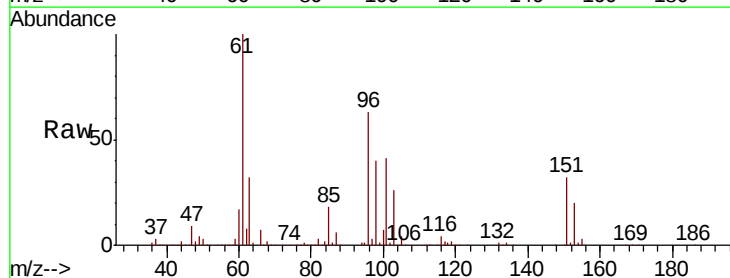
Manual Integrations
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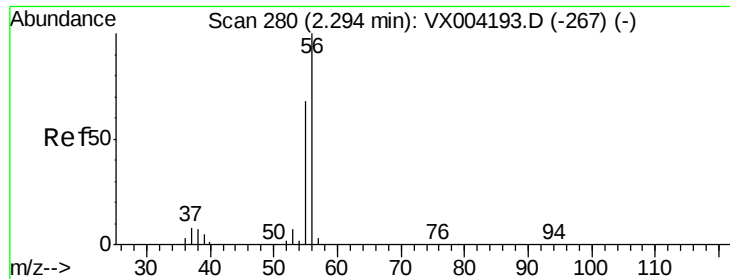
MMDadoda
8/30/2018 1:38:39 PM



#12
1,1-Dichloroethene
Concen: 50.22 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	96	Resp	154529
Ion Ratio	100	Lower	Upper
61	159.0	128.8	193.2
98	63.2	52.2	78.2





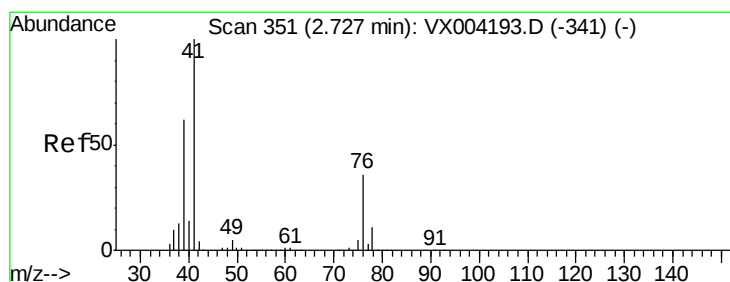
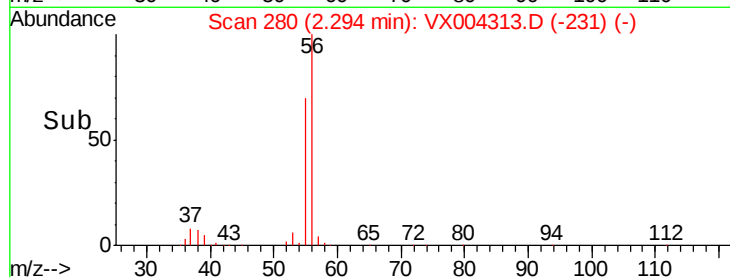
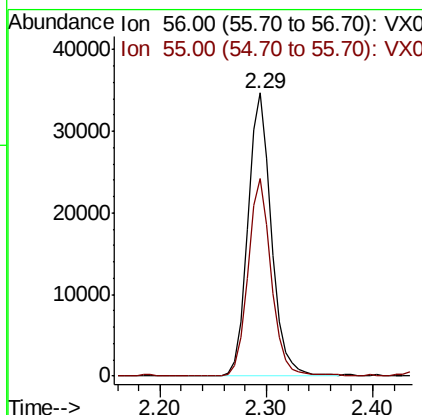
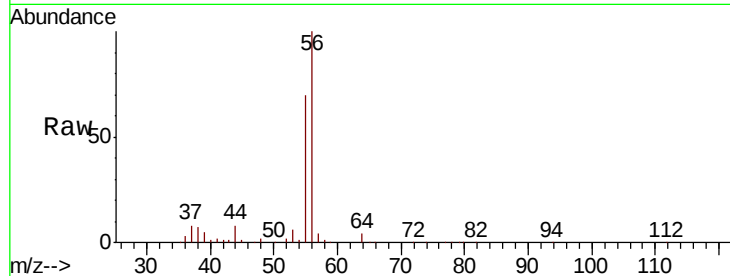
#13
Acrolein
Concen: 275.60 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.7	54.7	82.1

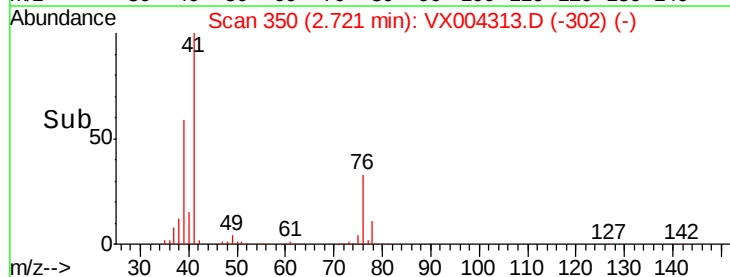
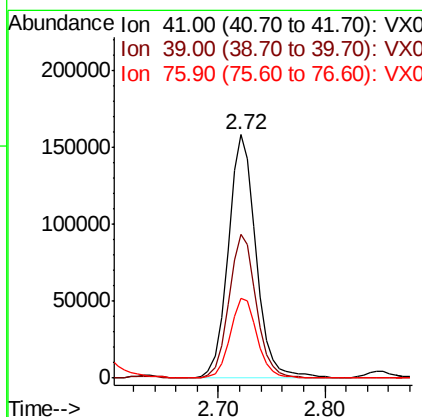
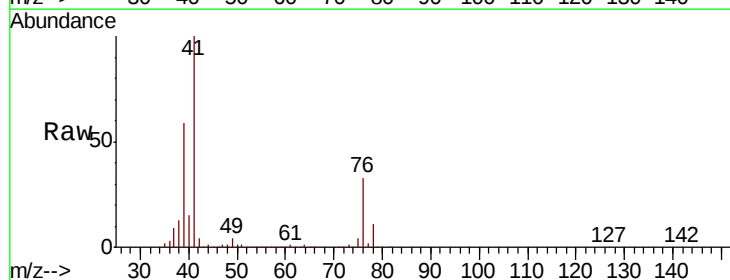
Manual Integrations
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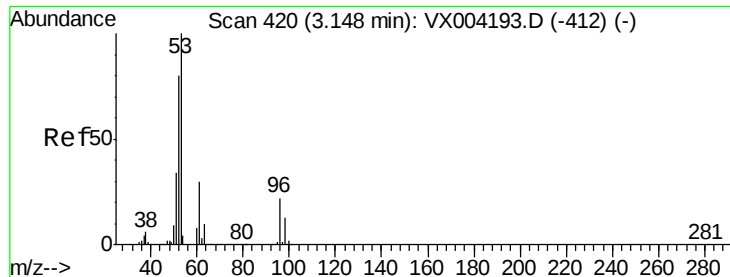
MMDadoda
8/30/2018 1:38:39 PM



#14
Allyl chloride
Concen: 50.68 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	48.9	73.3
76	32.5	26.7	40.1





#15

Acrylonitrile

Concen: 274.64 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

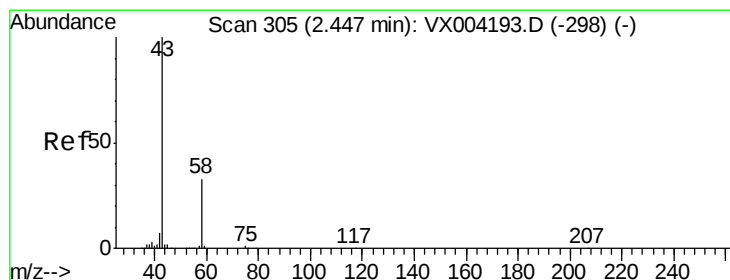
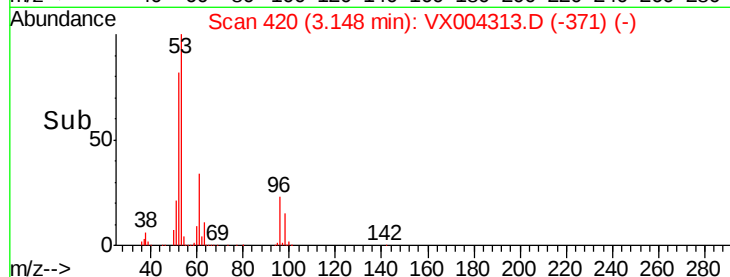
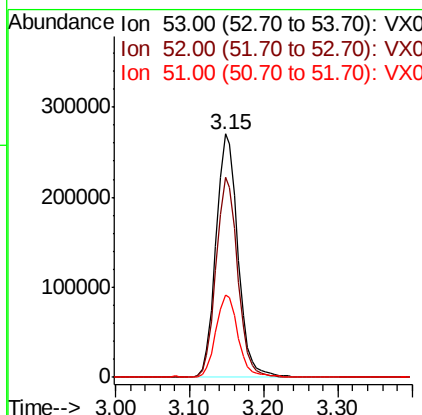
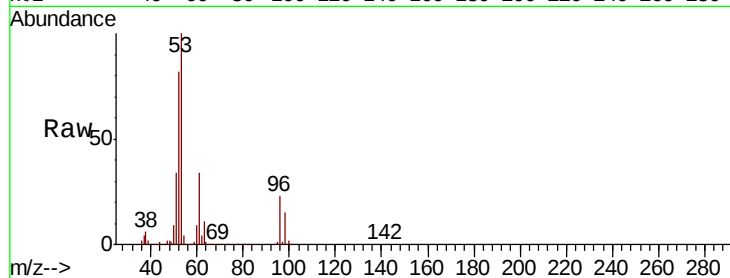
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	53	Resp:	548910
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.2	97.8
51	34.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 299.24 ug/l

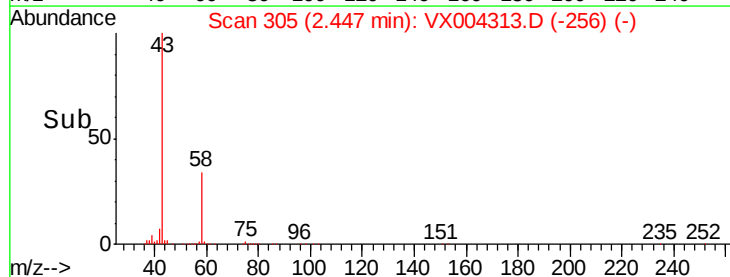
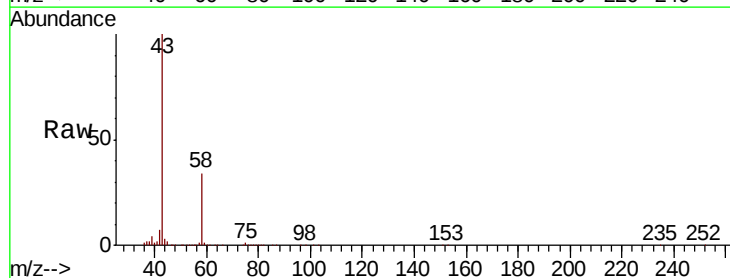
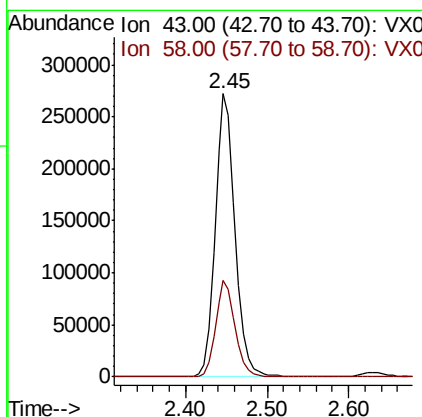
RT: 2.45 min Scan# 305

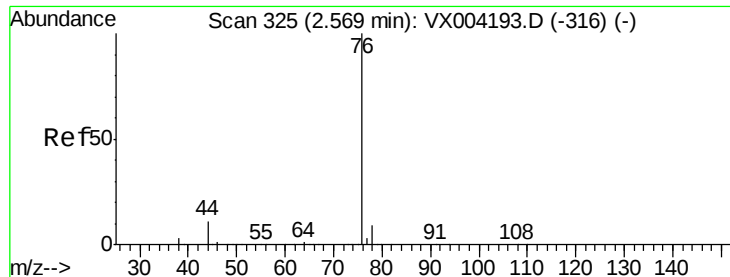
Delta R.T. 0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion:	43	Resp:	460021
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.2	39.4





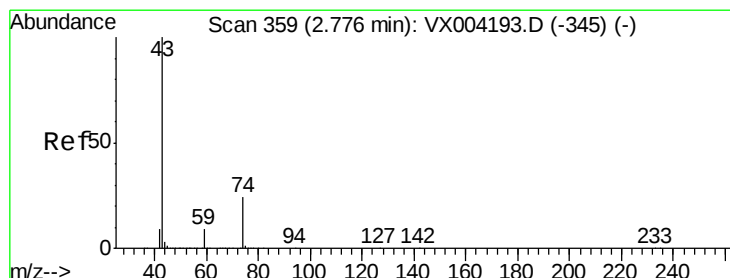
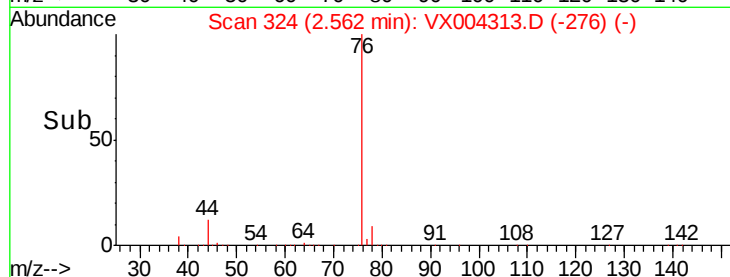
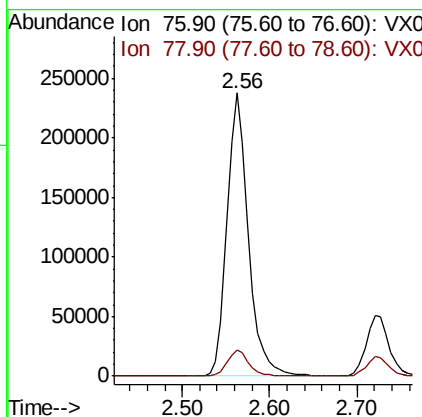
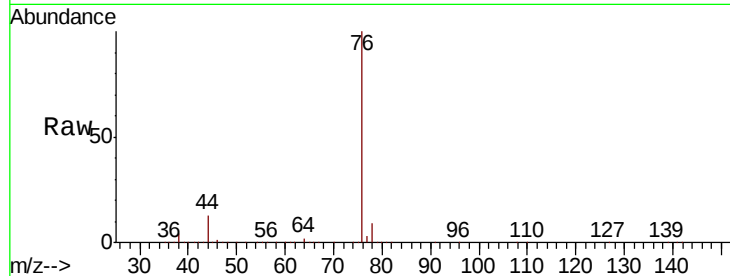
#17
Carbon Disulfide
Concen: 47.21 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

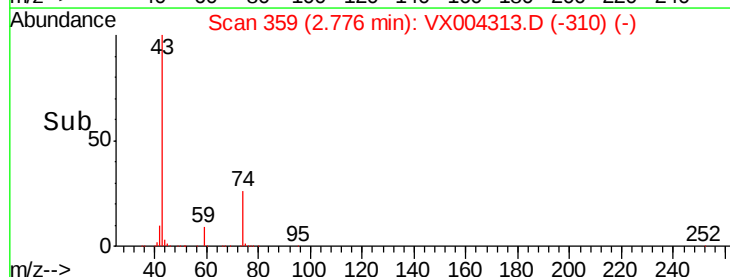
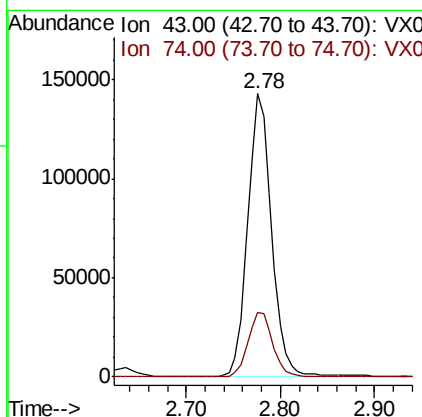
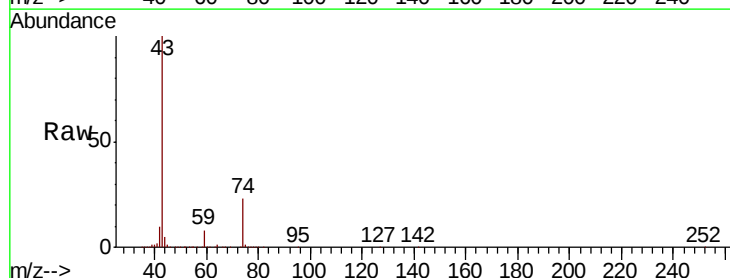
Manual Integrations
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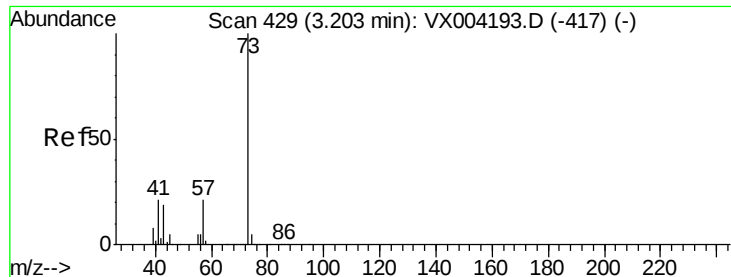
MMDadoda
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#18
Methyl Acetate
Concen: 44.96 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





#19

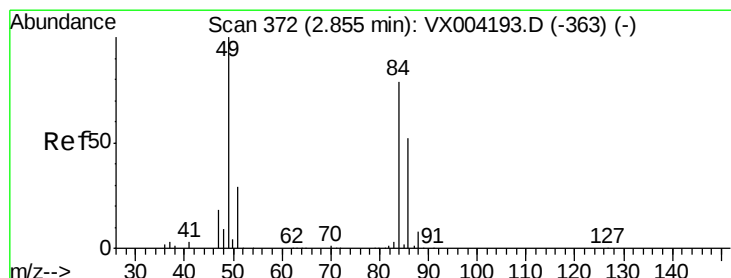
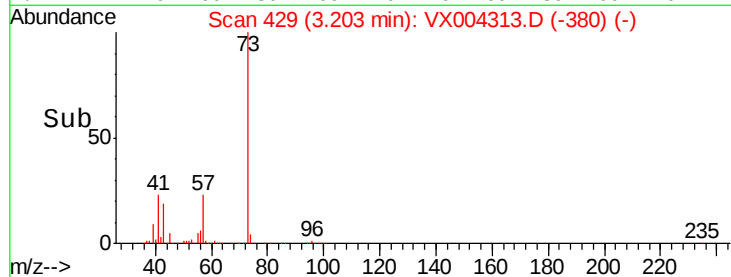
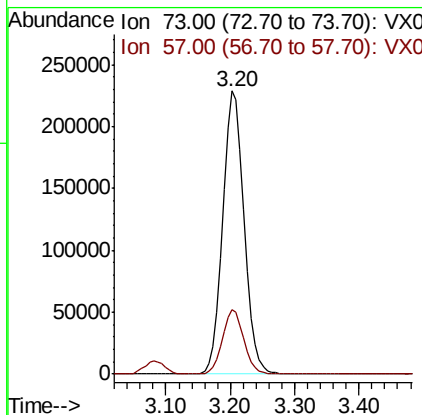
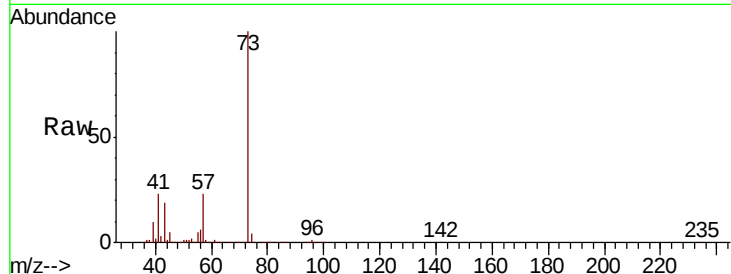
Methyl tert-butyl Ether
 Concen: 53.01 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 73 Resp: 537595
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.1 25.7

Manual Integrations
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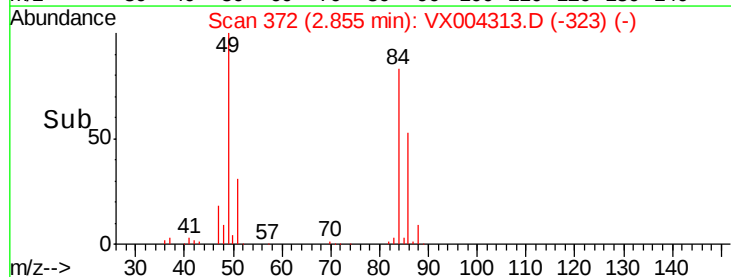
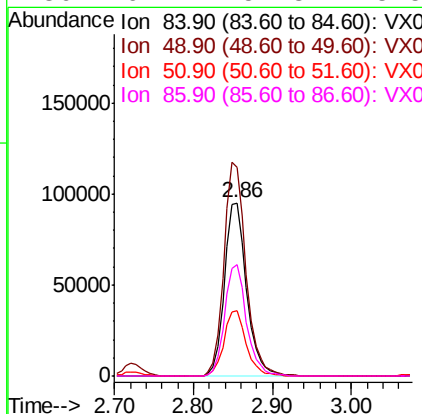
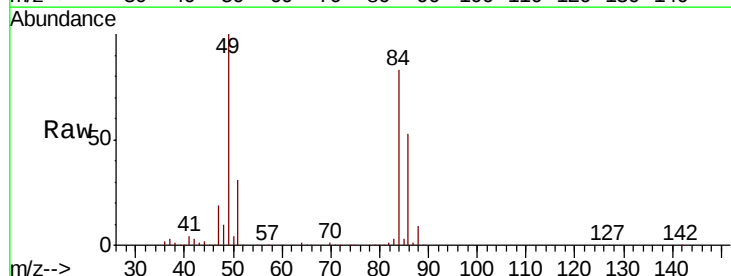
MMDadoda
 8/30/2018 1:38:39 PM

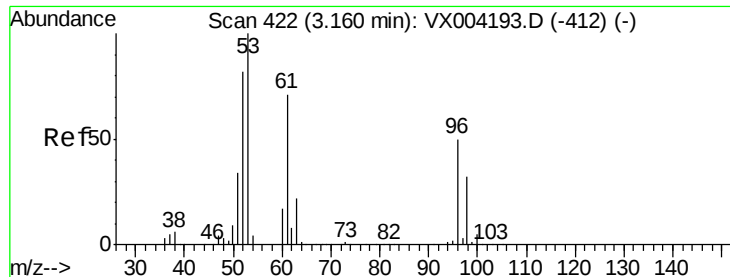


#20

Methylene Chloride
 Concen: 50.90 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 84 Resp: 185512
 Ion Ratio Lower Upper
 84 100
 49 120.7 101.2 151.8
 51 37.7 29.5 44.3
 86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 96 Resp: 168726

Ion Ratio Lower Upper

96 100

61 136.5 113.8 170.6

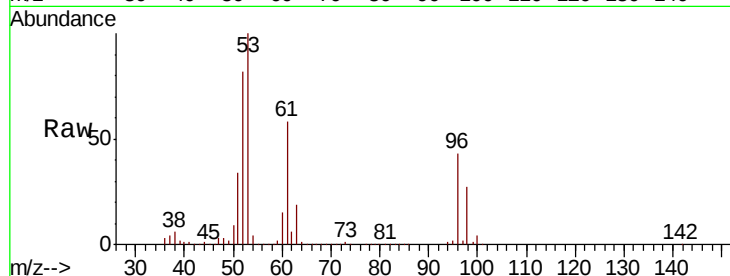
98 63.3 51.8 77.8

Manual Integrations

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Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

150000

100000

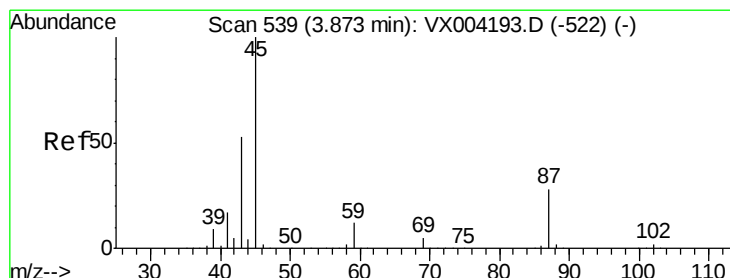
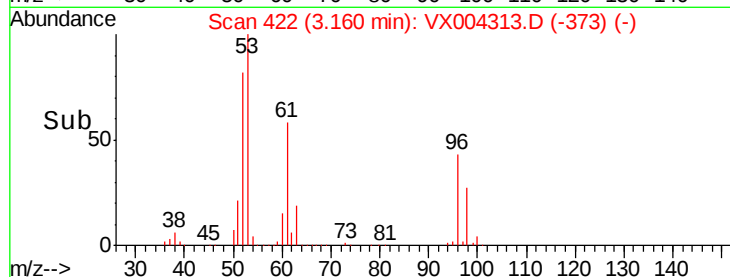
50000

0

3.16

3.00 3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 51.19 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion: 45 Resp: 540391

Ion Ratio Lower Upper

45 100

43 50.9 42.8 64.2

87 28.5 22.6 34.0

59 12.0 9.6 14.4

Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

600000

400000

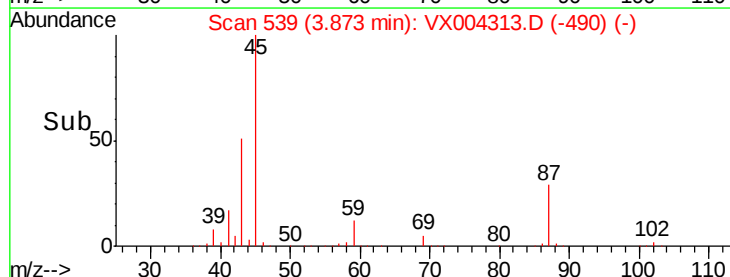
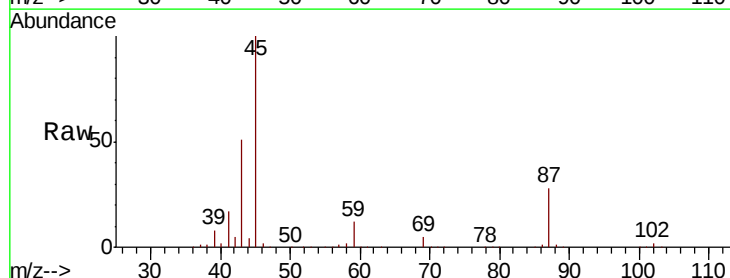
200000

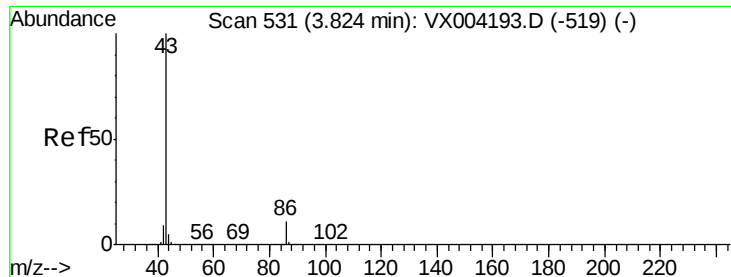
0

3.87

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 163.11 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1395547

Ion Ratio Lower Upper

43 100

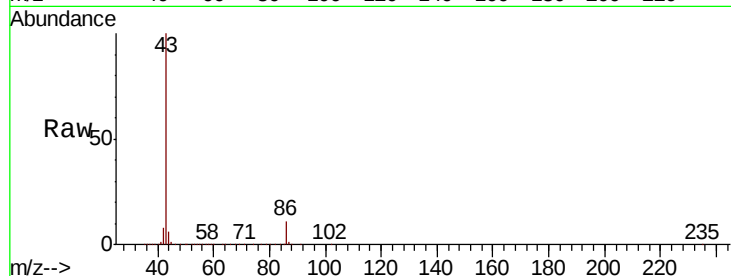
86 10.8 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

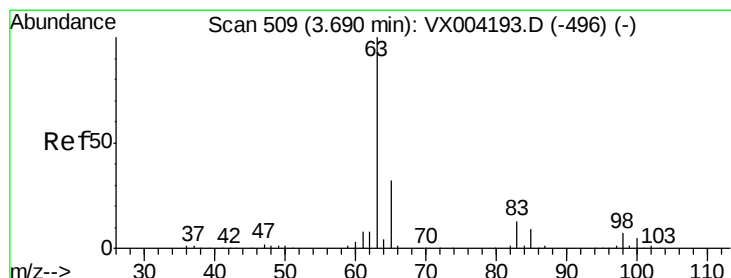
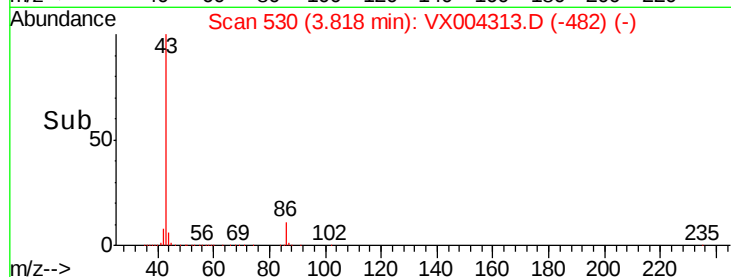
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.69 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

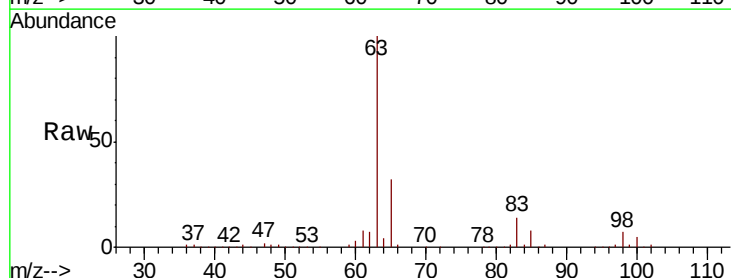
Tgt Ion: 63 Resp: 330285

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 4.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

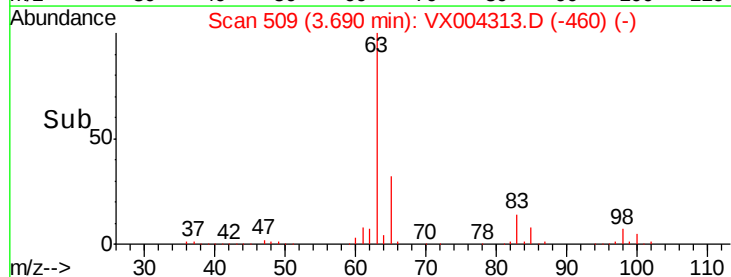
150000

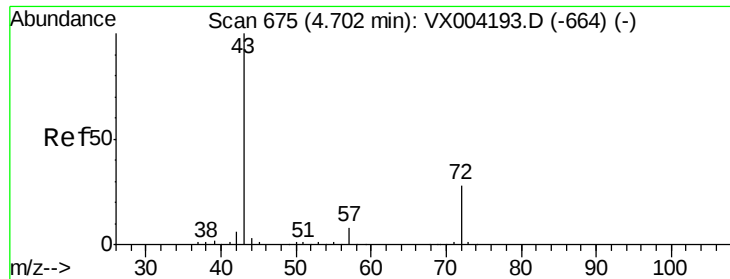
100000

50000

0

Time-->





#25

2-Butanone

Concen: 284.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 720006

Ion Ratio Lower Upper

43 100

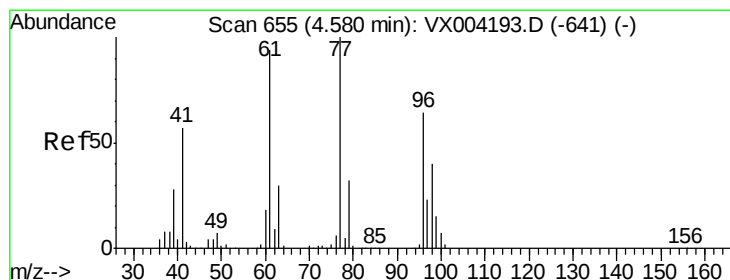
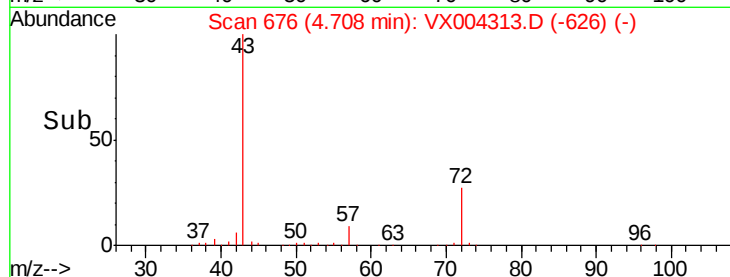
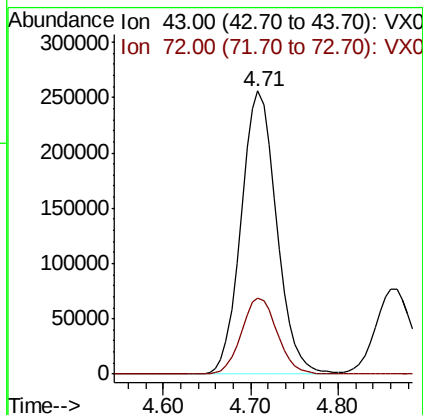
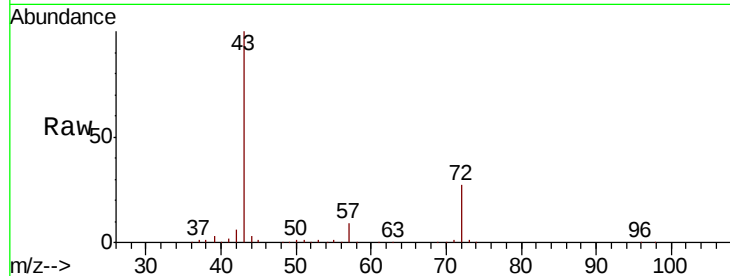
72 26.9 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 28.04 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004313.D

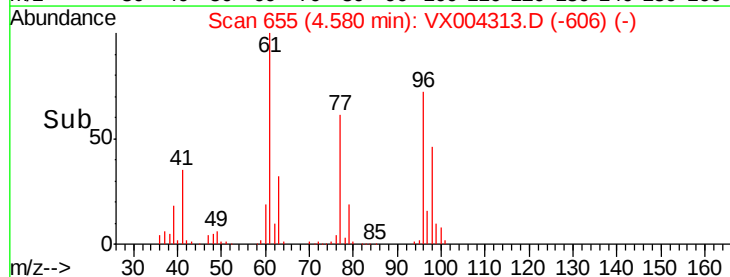
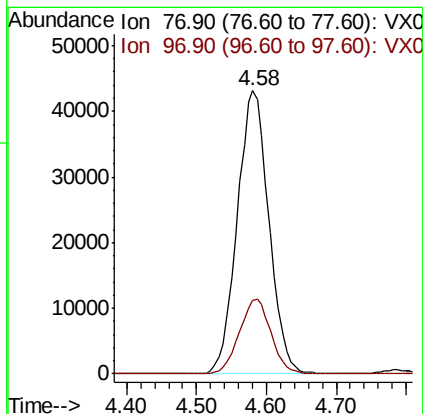
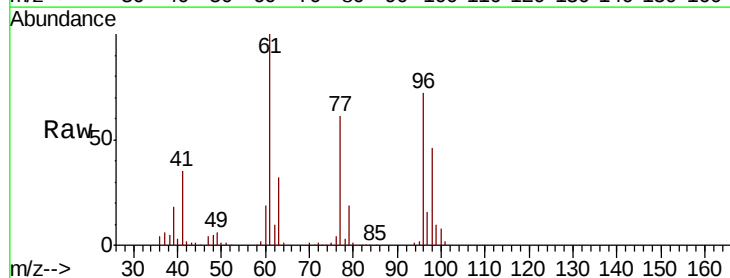
Acq: 30 Aug 2018 01:11

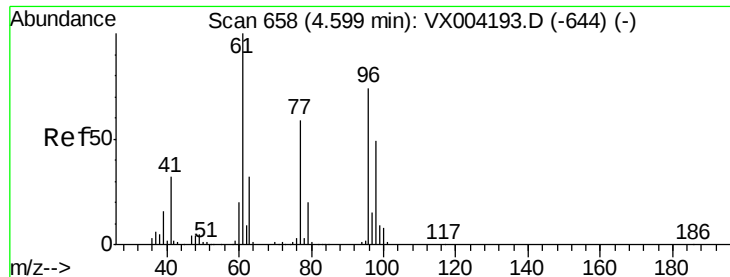
Tgt Ion: 77 Resp: 135281

Ion Ratio Lower Upper

77 100

97 26.4 11.7 35.0





#27

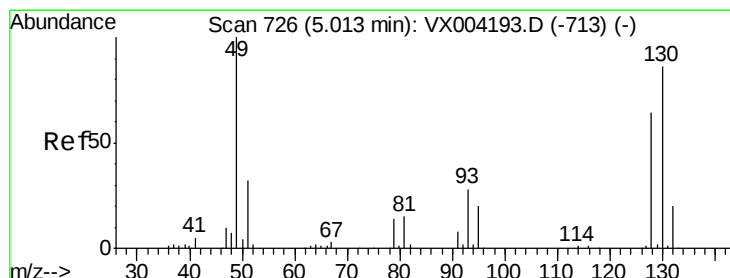
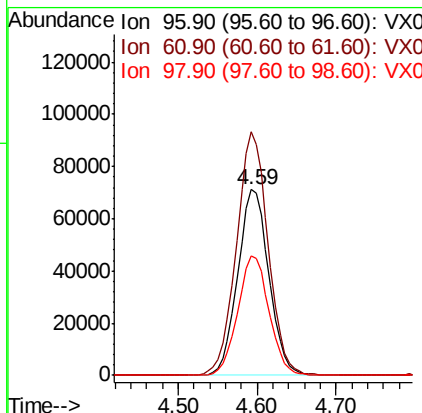
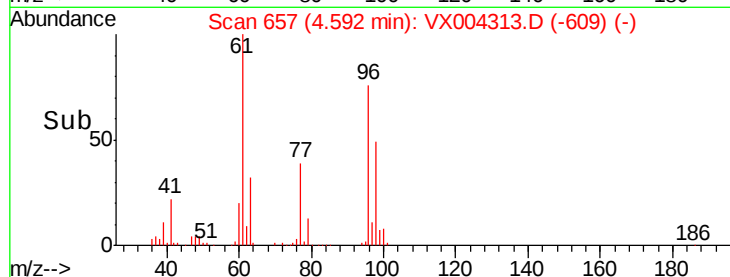
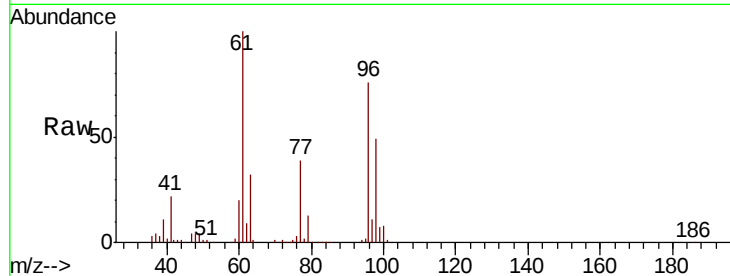
cis-1,2-Dichloroethene
 Concen: 50.66 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	195695		
61	132.9	0.0	282.6	
98	64.5	0.0	130.2	

Manual Integrations
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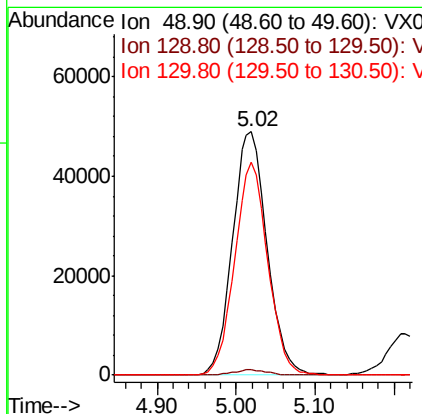
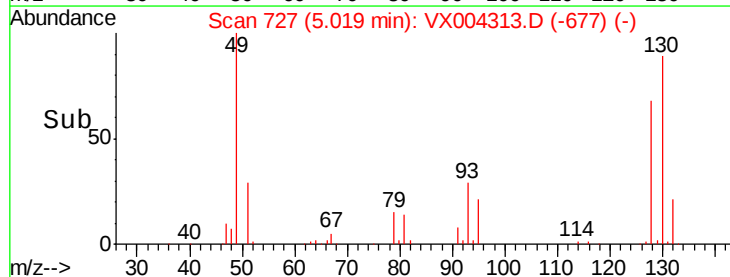
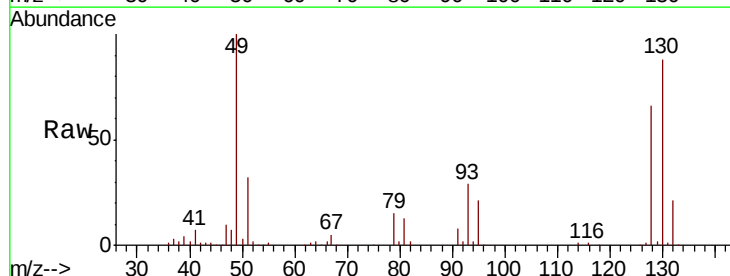
MMDadoda
 8/30/2018 1:38:39 PM

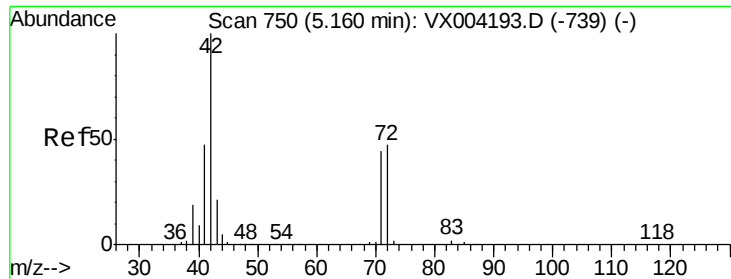


#28

Bromochloromethane
 Concen: 54.68 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148916		
129	2.1	0.0	4.2	
130	83.8	67.5	101.3	





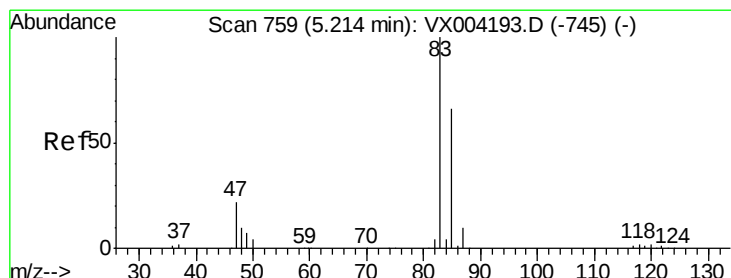
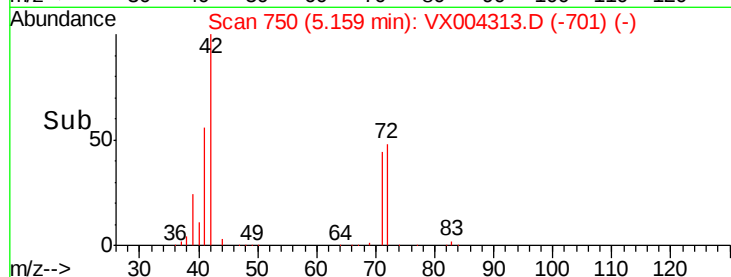
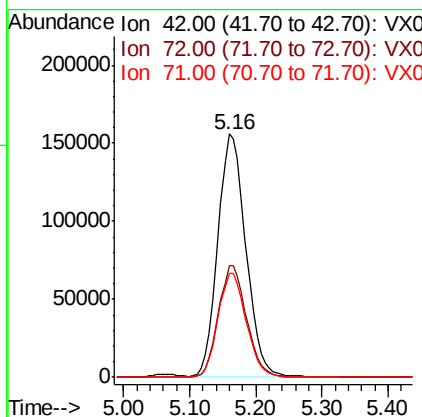
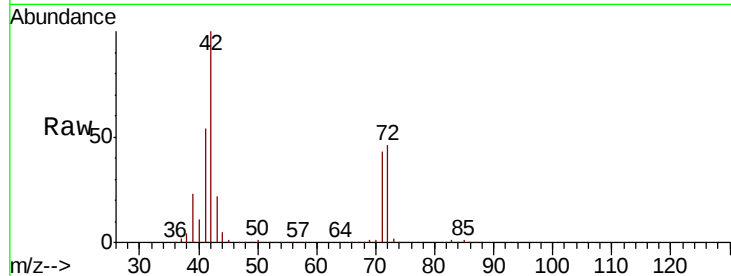
#29
Tetrahydrofuran
Concen: 281.44 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.4	56.0
71	43.2	34.5	51.7

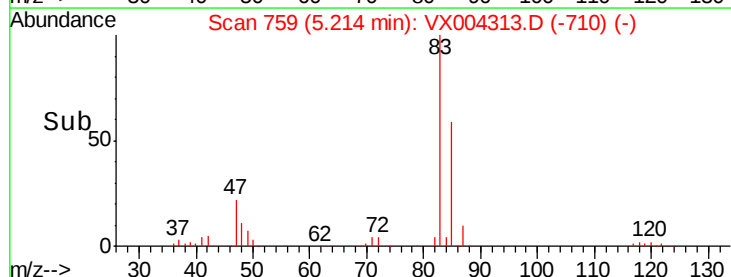
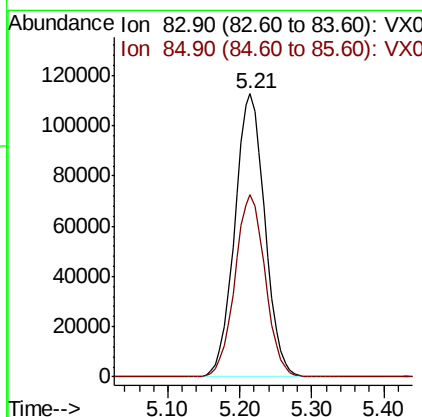
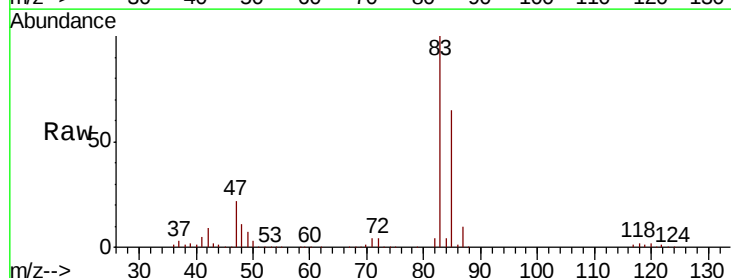
Manual Integrations
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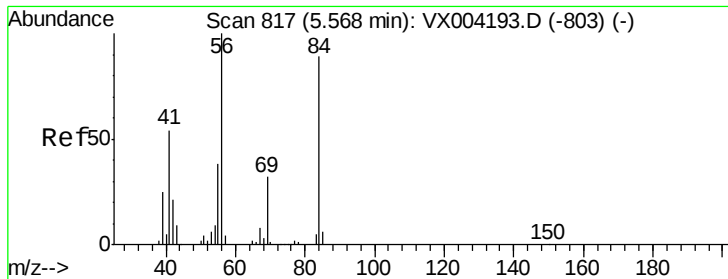
MMDadoda
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#30
Chloroform
Concen: 53.04 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0





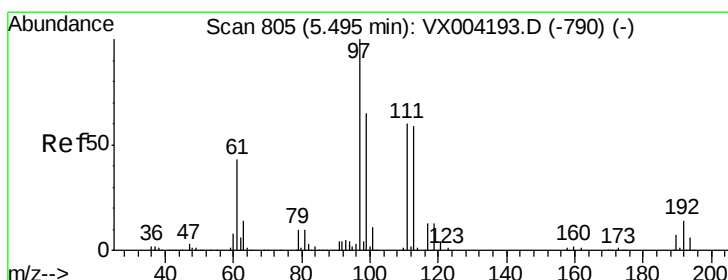
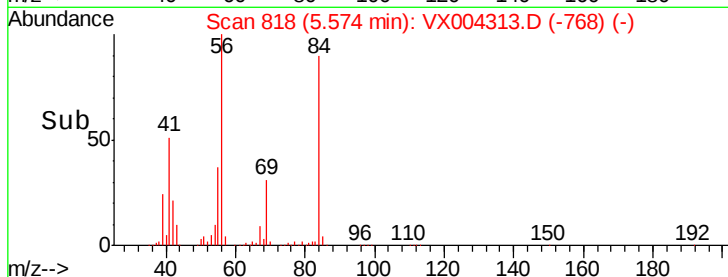
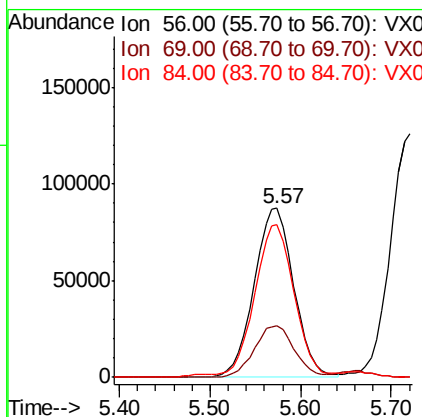
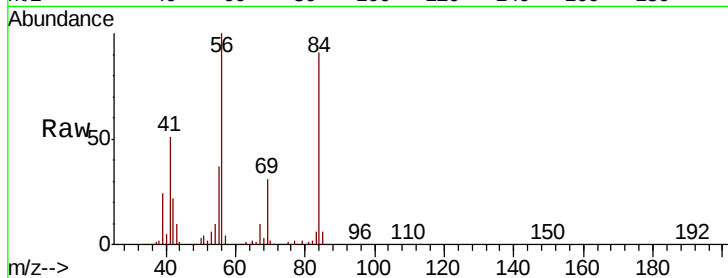
#31
Cyclohexane
Concen: 49.79 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.4	38.2
84	89.4	71.4	107.2

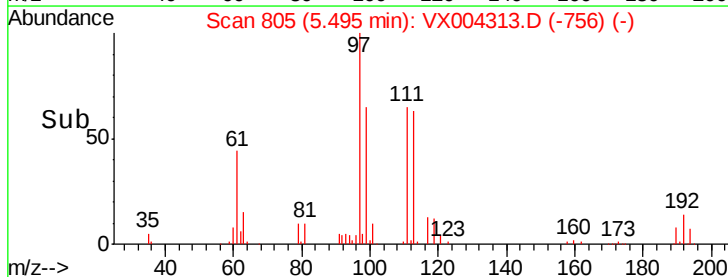
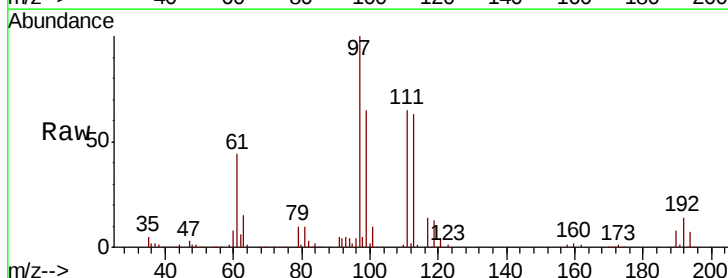
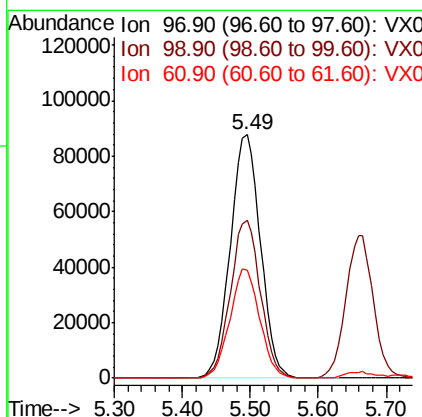
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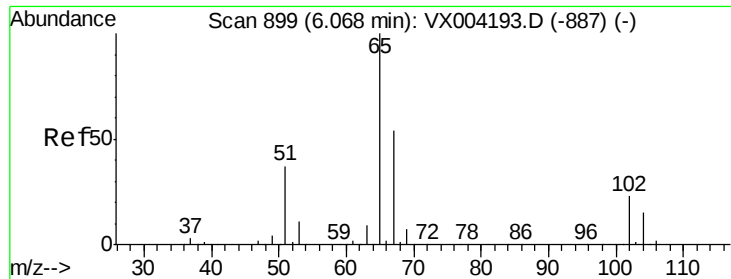
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.48 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.0	78.0
61	44.4	34.9	52.3





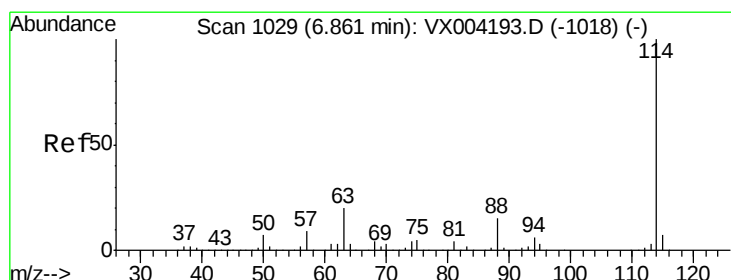
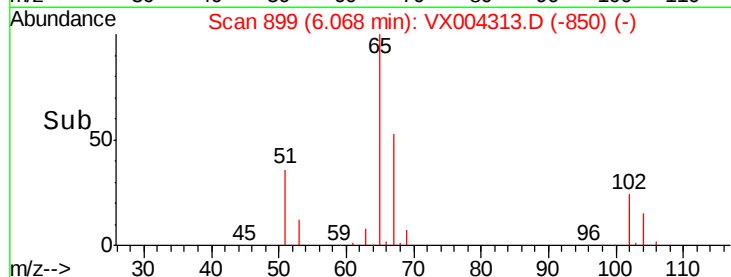
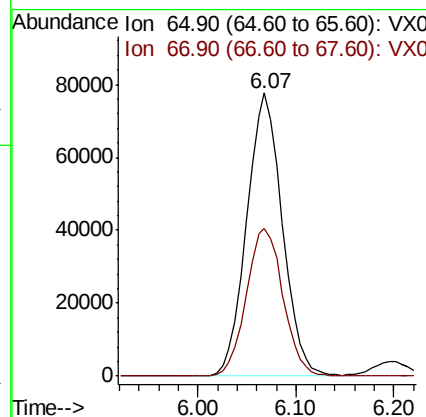
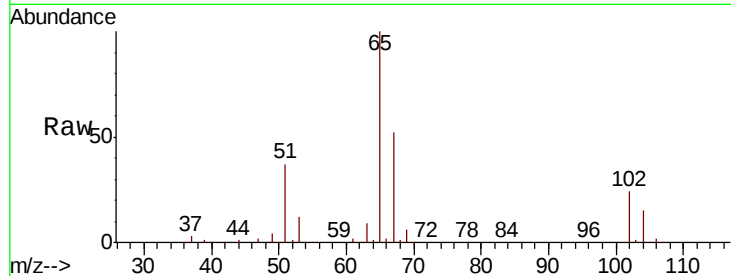
#33
 1,2-Dichloroethane-d4
 Concen: 51.74 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 65 Resp: 195880
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8

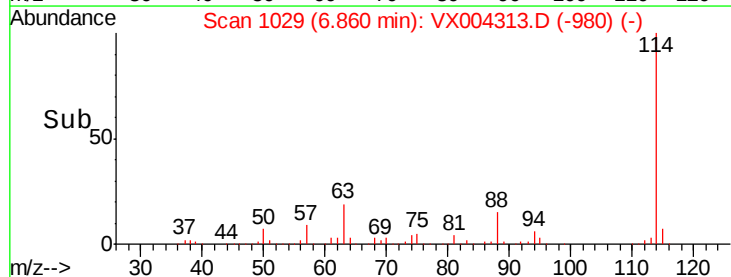
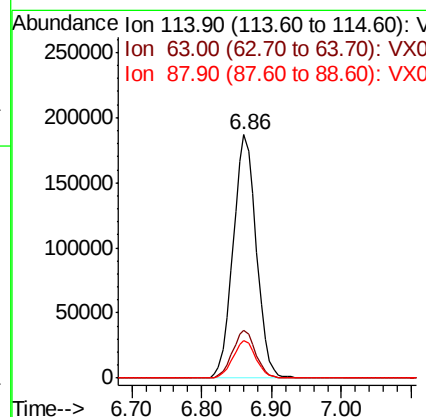
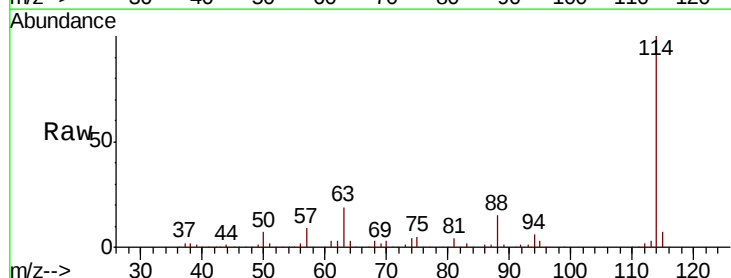
Manual Integrations
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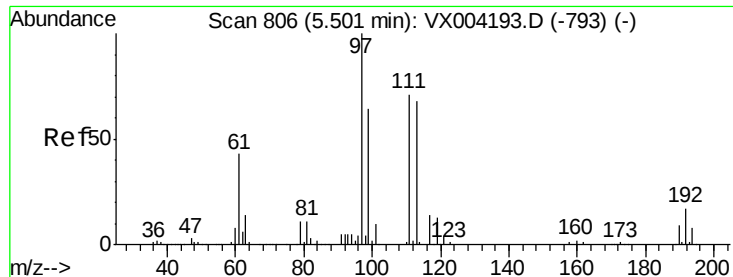
MMDadoda
 8/30/2018 1:38:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 114 Resp: 429680
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.4





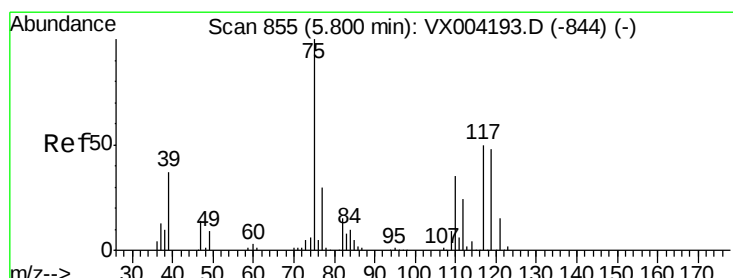
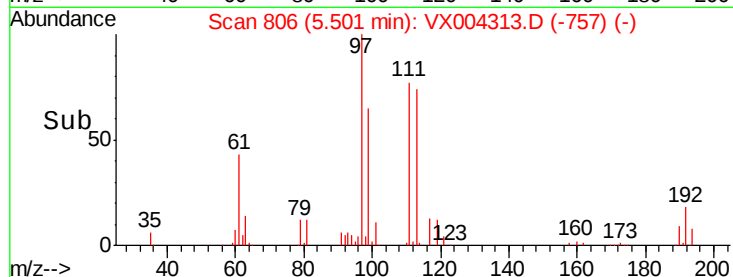
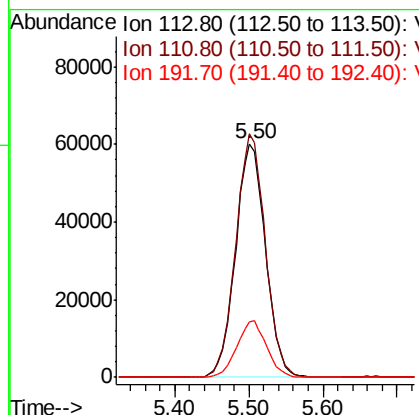
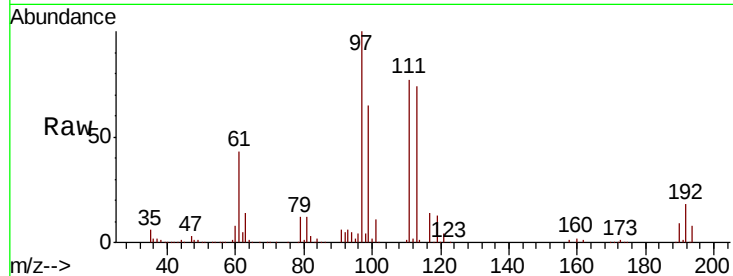
#35
 Dibromofluoromethane
 Concen: 53.13 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169843		
111	103.0	82.4	123.6	
192	23.9	19.4	29.2	

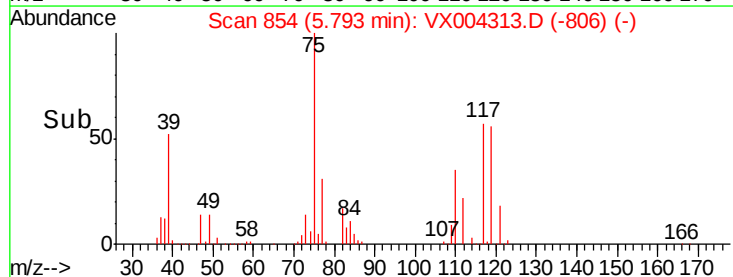
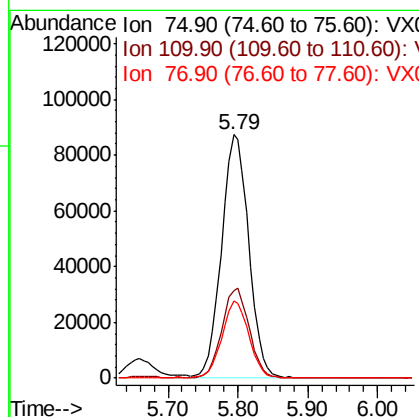
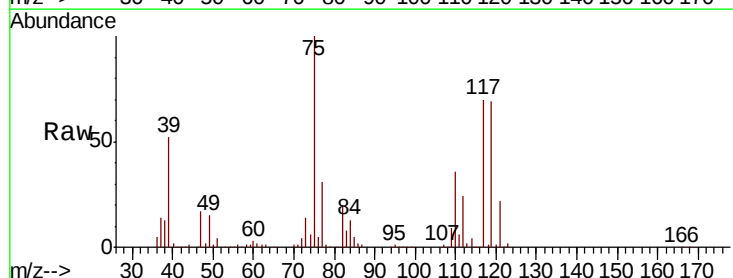
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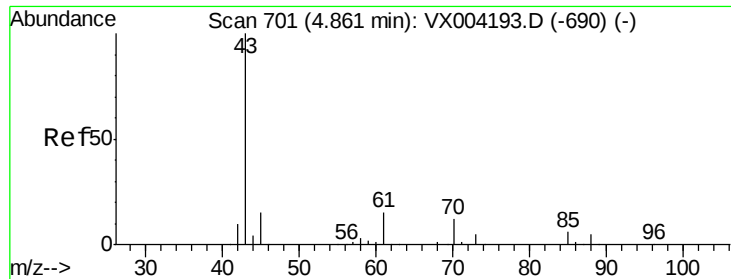
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#36
 1,1-Dichloropropene
 Concen: 48.77 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235573		
110	37.2	18.0	54.0	
77	31.5	24.6	36.8	





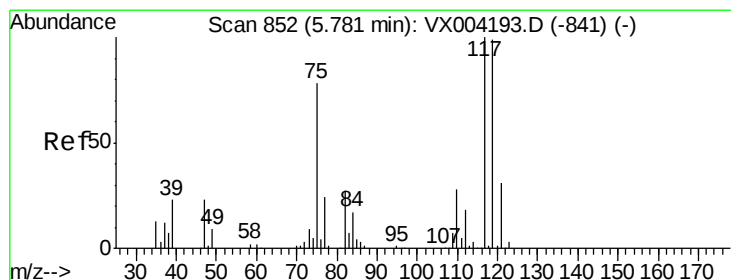
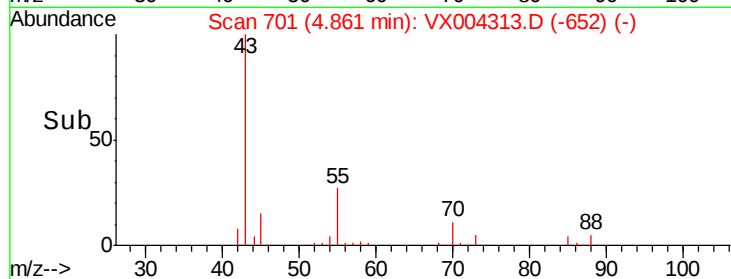
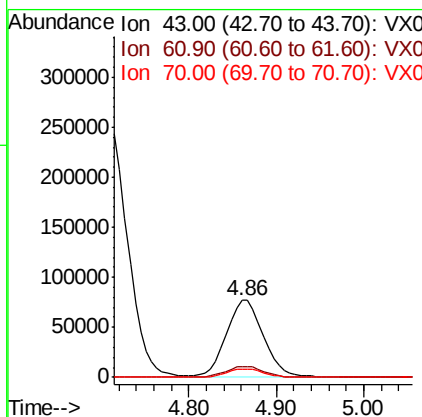
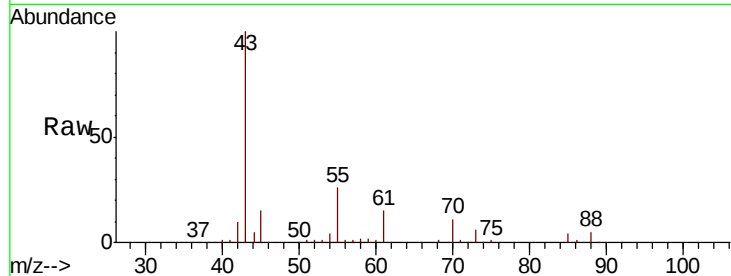
#37
Ethyl Acetate
Concen: 47.57 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.3	9.0	13.6

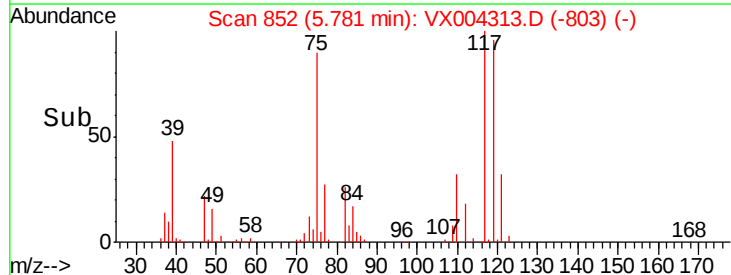
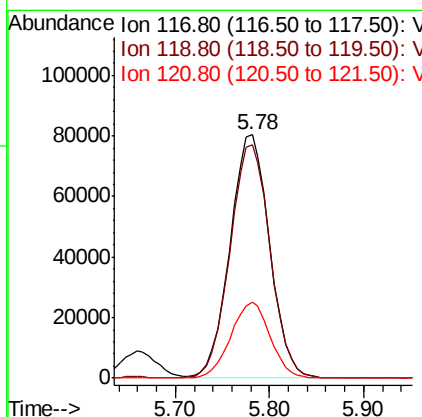
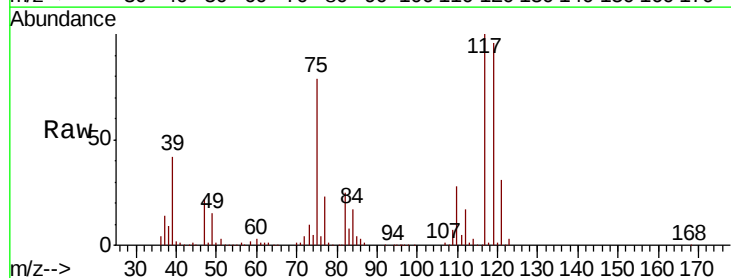
Manual Integrations
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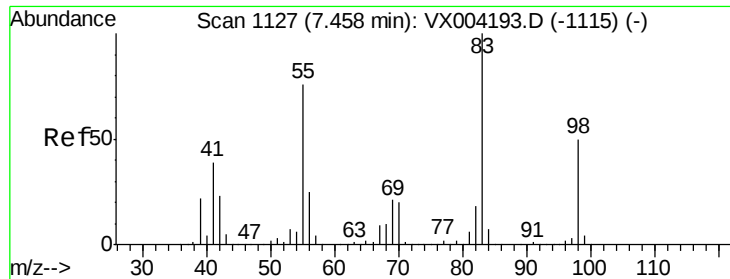
MMDadoda
8/30/2018 1:38:39 PM



#38
Carbon Tetrachloride
Concen: 51.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.8	118.2
121	31.4	24.9	37.3





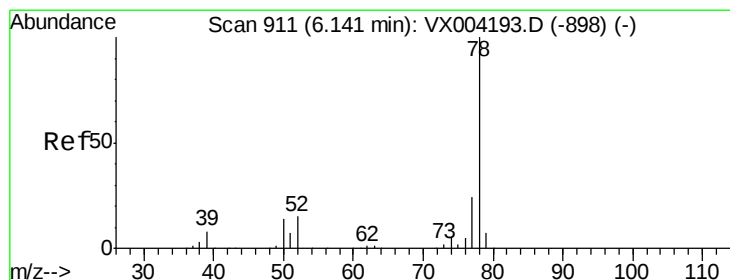
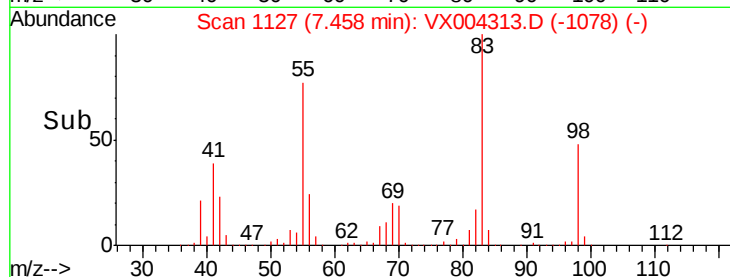
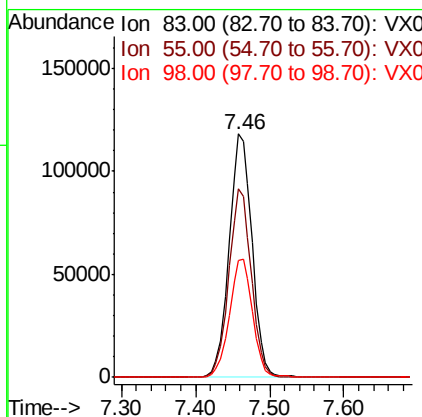
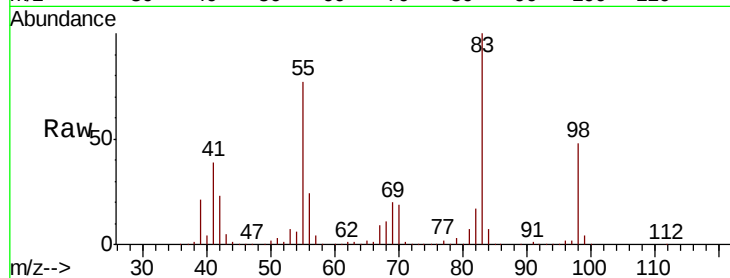
#39
Methylvlcyclohexane
Concen: 46.07 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.0	91.4
98	48.1	39.6	59.4

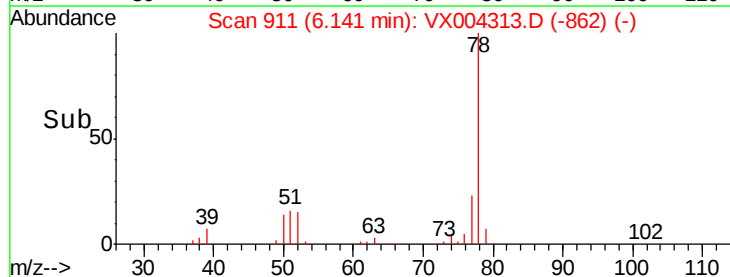
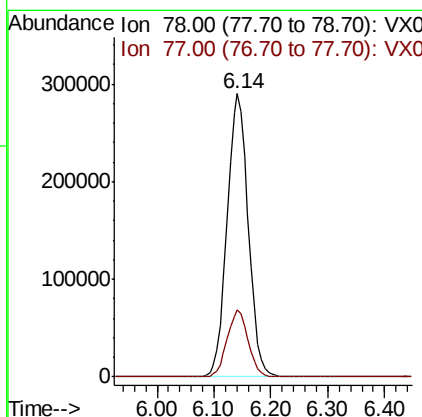
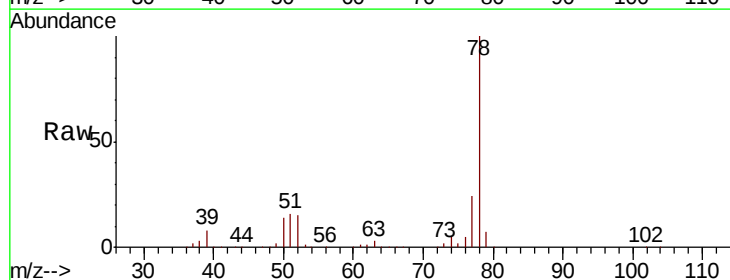
Manual Integrations
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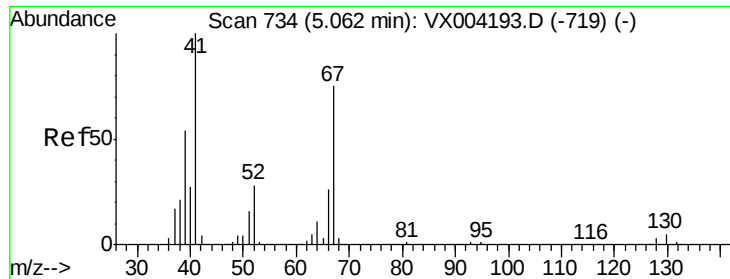
MMDadoda
8/30/2018 1:38:39 PM



#40
Benzene
Concen: 52.01 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





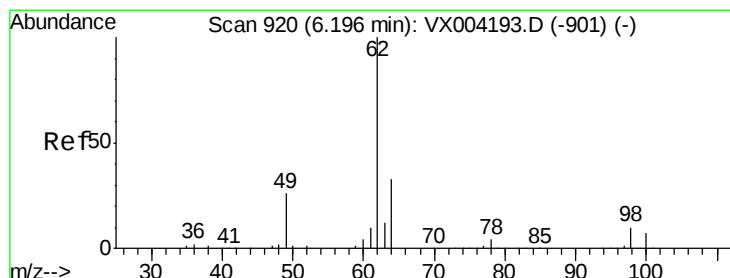
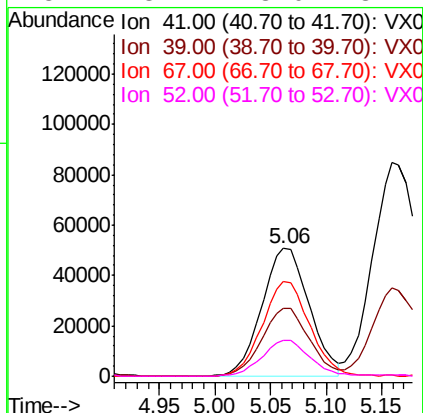
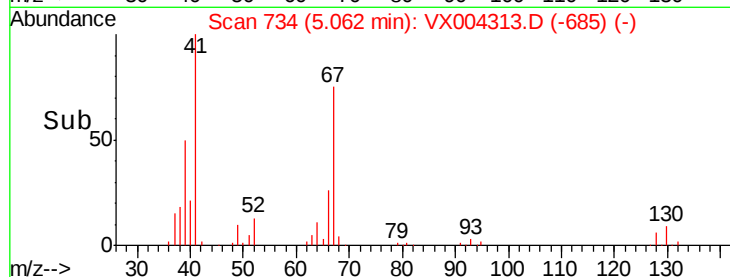
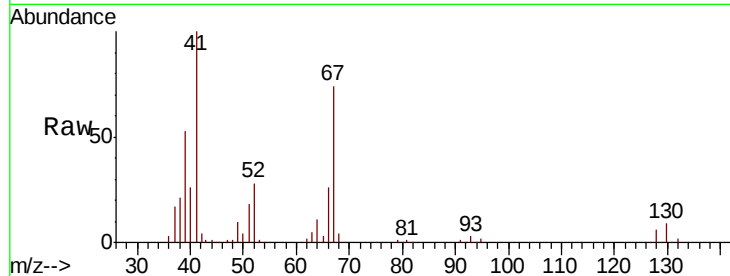
#41
Methacrylonitrile
Concen: 54.36 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.4	63.6	
67	74.5	59.2	88.8	
52	28.4	23.0	34.4	

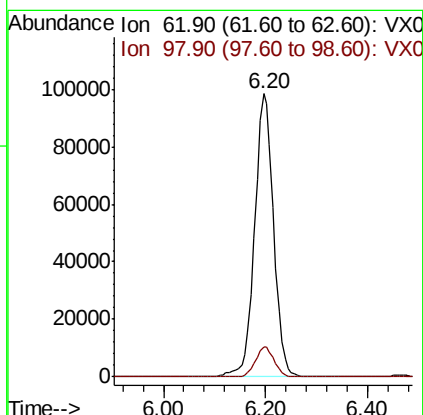
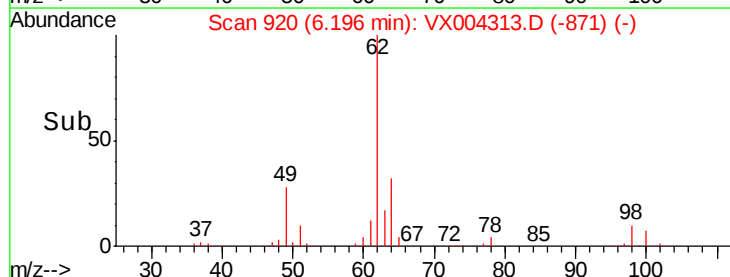
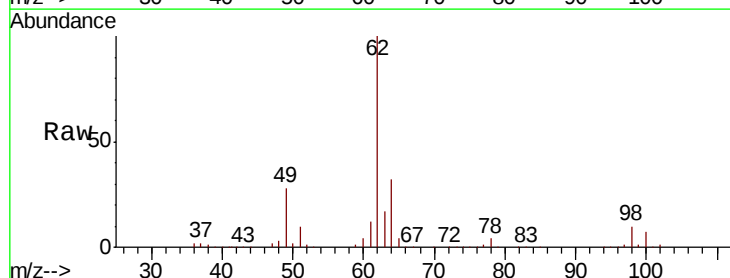
Manual Integrations
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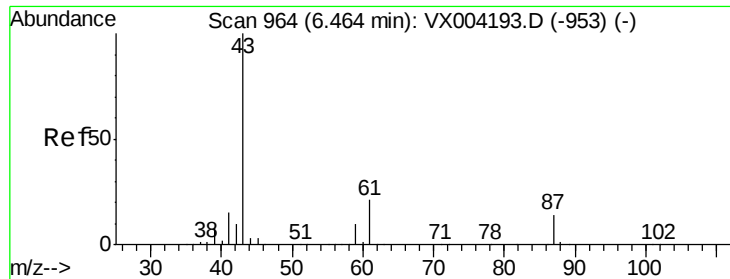
MMDadoda
8/30/2018 1:38:39 PM



#42
1,2-Dichloroethane
Concen: 51.58 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.6	





#43

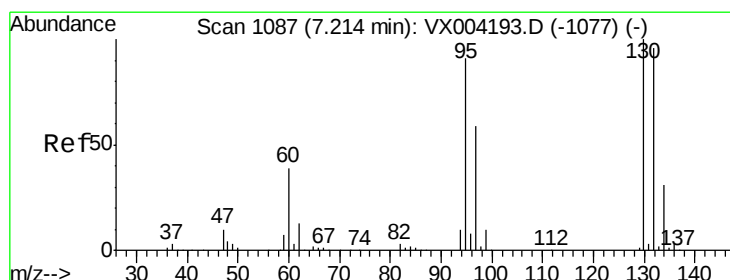
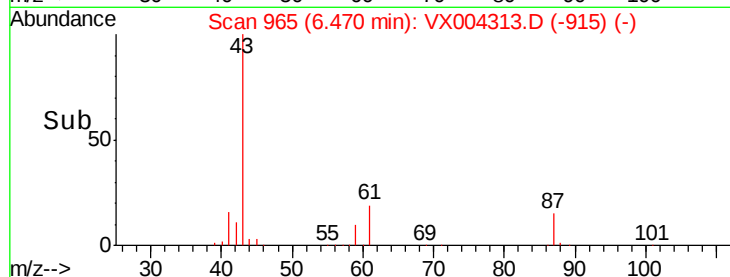
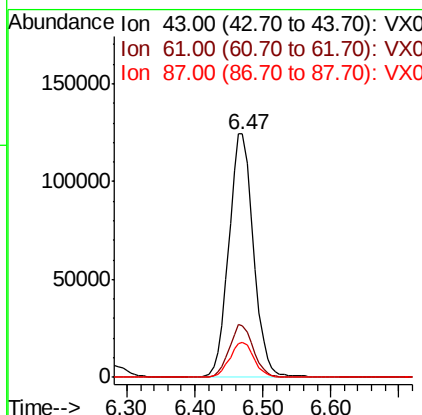
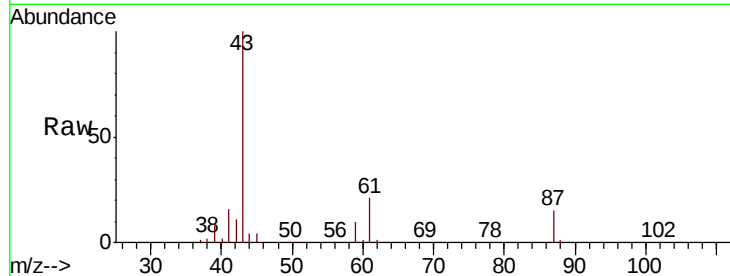
Isopropyl Acetate
 Concen: 42.53 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.3	11.4	17.2

Manual Integrations
 APPROVED

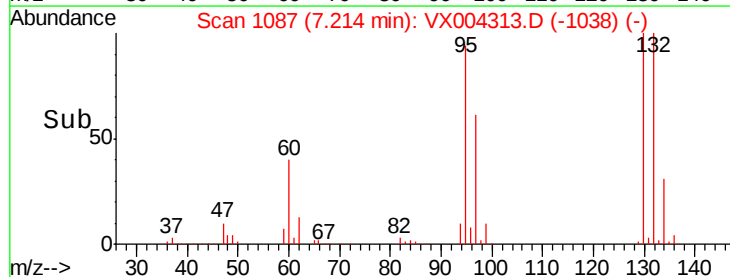
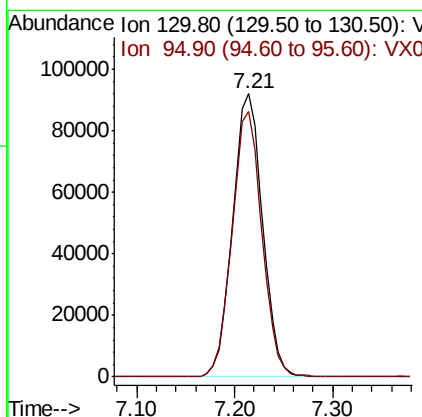
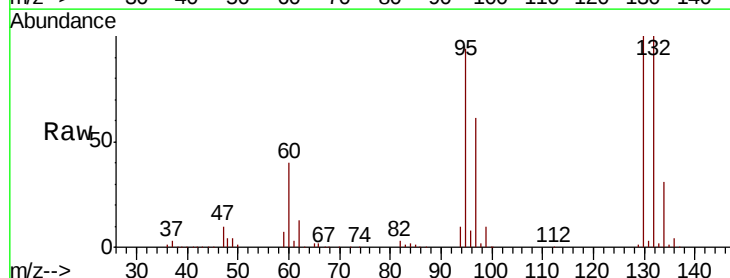
MMDadoda
 8/30/2018 1:38:39 PM

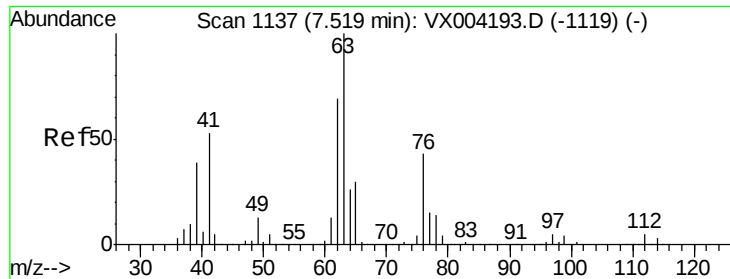


#44

Trichloroethene
 Concen: 48.98 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	181.6





#45

1,2-Dichloropropane

Concen: 53.43 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 63 Resp: 193018

Ion Ratio Lower Upper

63 100

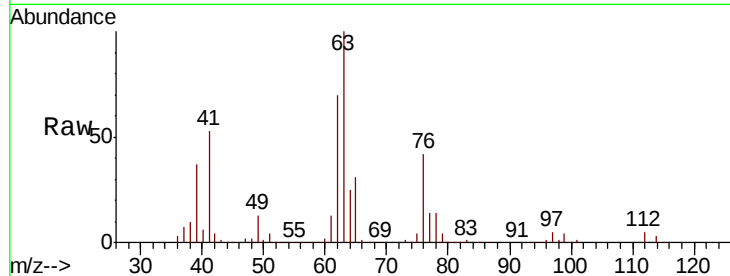
65 31.1 24.3 36.5

Manual Integrations

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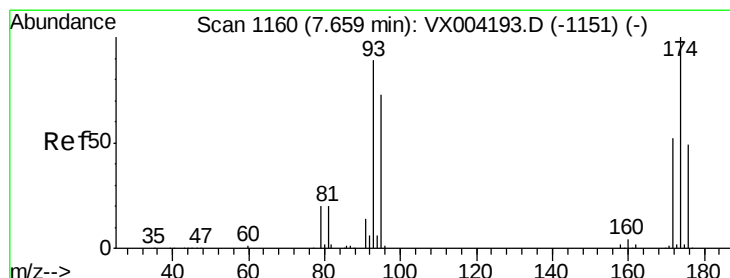
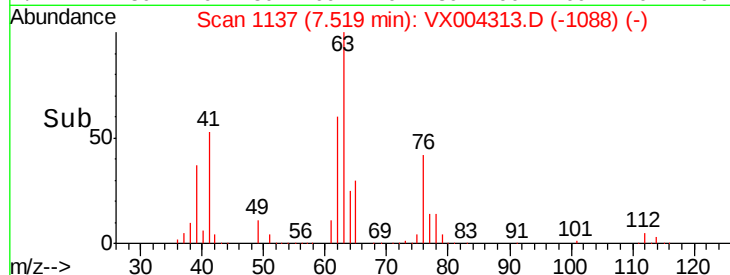
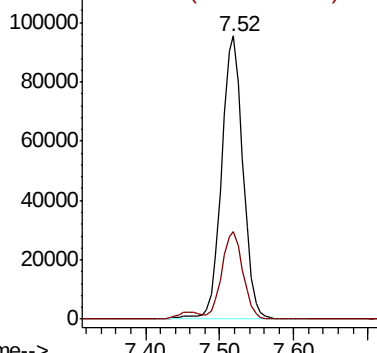
MMDadoda

8/30/2018 1:38:39 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.88 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

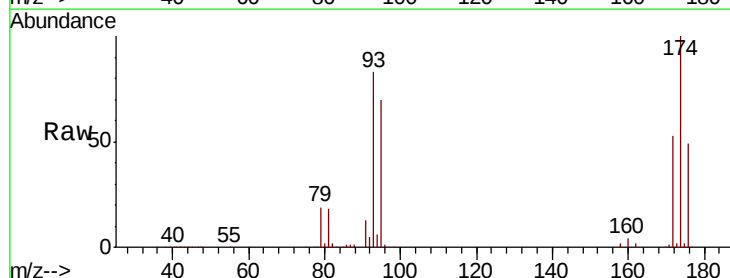
Tgt Ion: 93 Resp: 124793

Ion Ratio Lower Upper

93 100

95 83.9 65.5 98.3

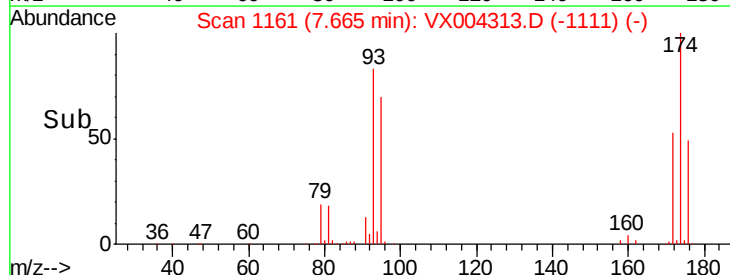
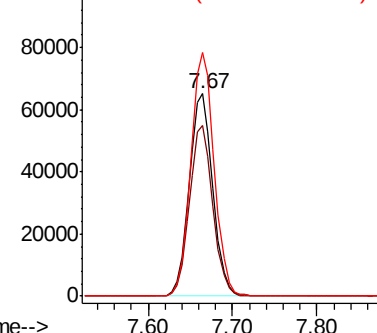
174 119.6 94.2 141.4

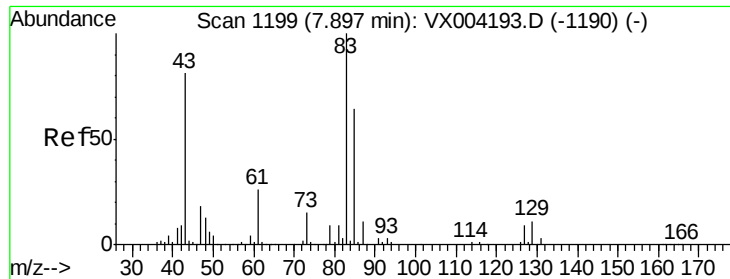


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





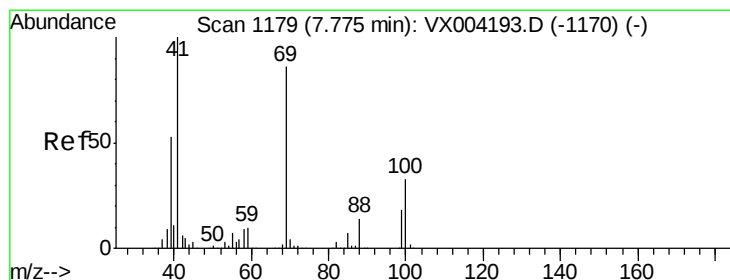
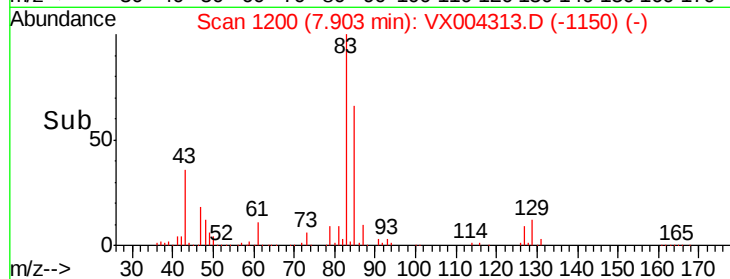
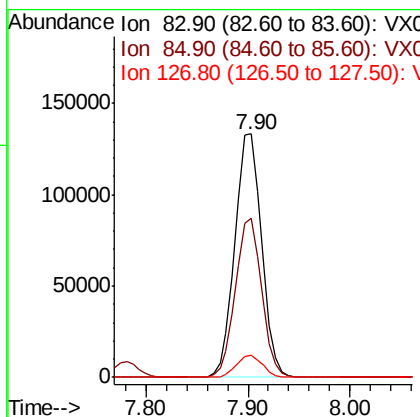
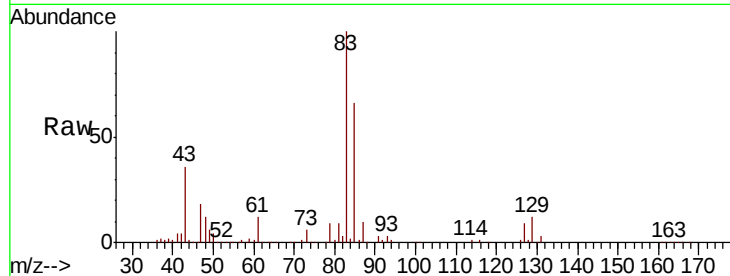
#47
Bromodichloromethane
Concen: 53.84 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	240971		
85	65.5		50.9	76.3
127	8.9		7.3	10.9

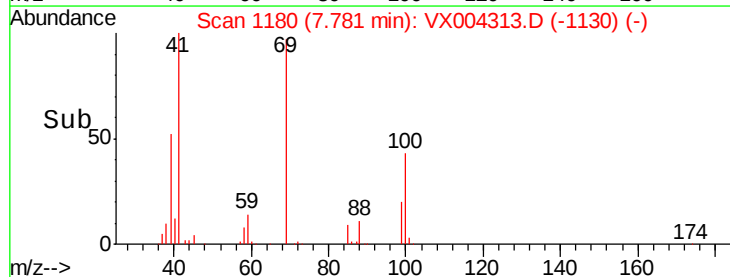
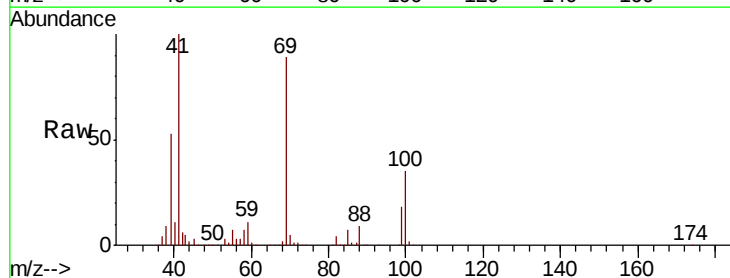
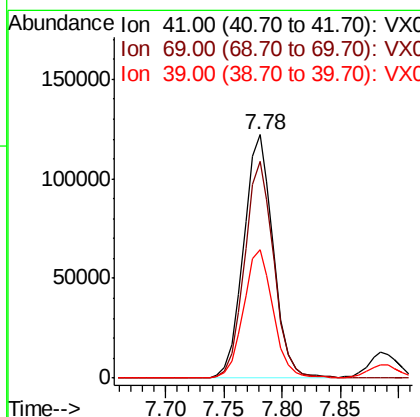
Manual Integrations
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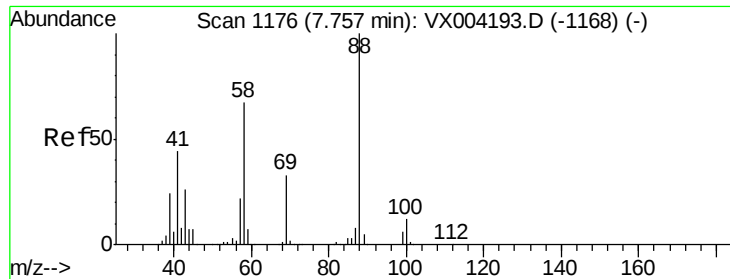
MMDadoda
8/30/2018 1:38:39 PM



#48
Methyl methacrylate
Concen: 55.11 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	215283		
69	88.6		70.2	105.4
39	52.6		42.7	64.1





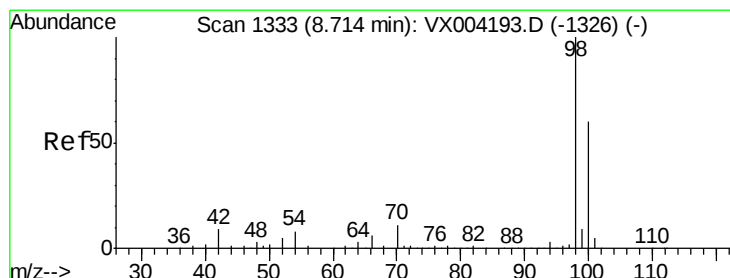
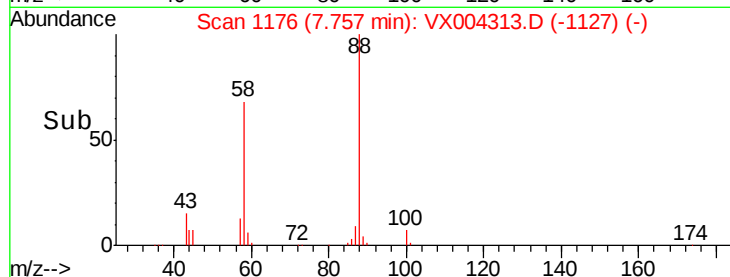
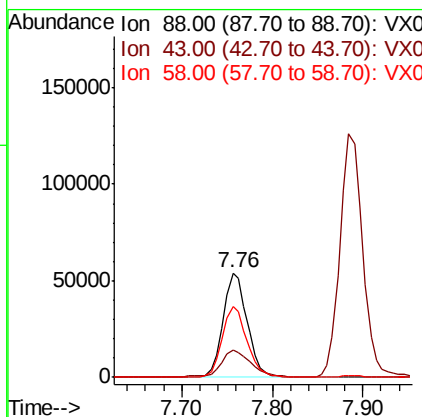
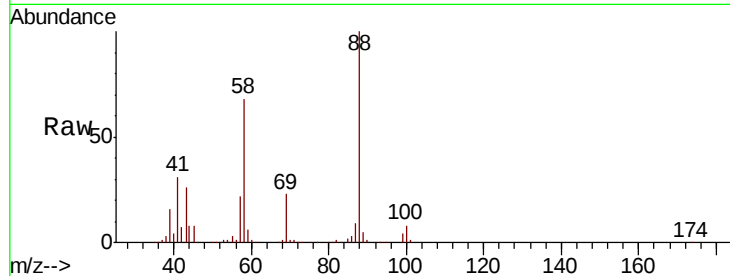
#49
1,4-Dioxane
Concen: 1126.68 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	24.7	37.1
58	70.0	55.3	82.9

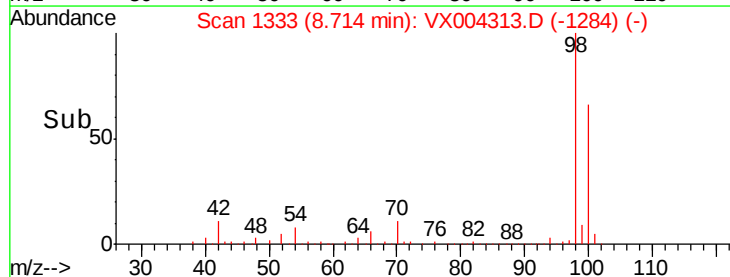
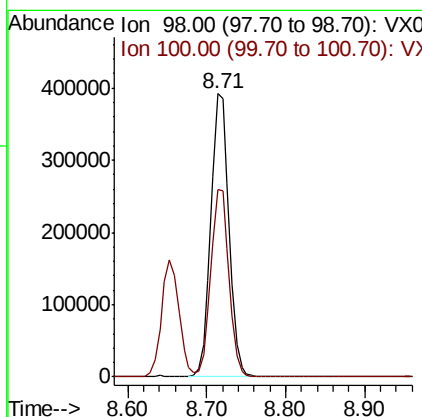
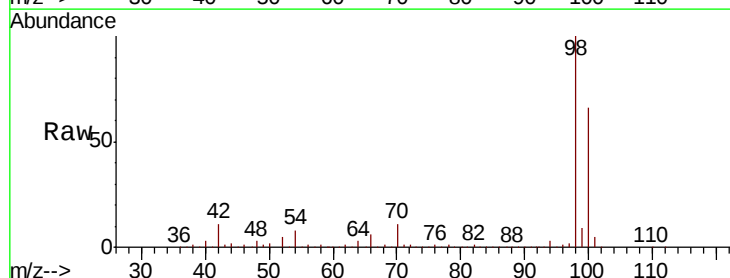
Manual Integrations
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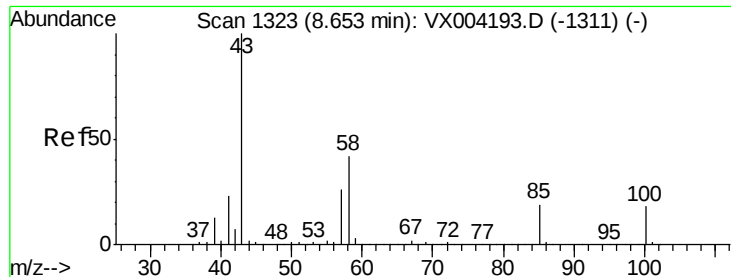
MMDadoda
8/30/2018 1:38:39 PM



#50
Toluene-d8
Concen: 51.98 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 267.18 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 43 Resp: 1417153

Ion Ratio Lower Upper

43 100

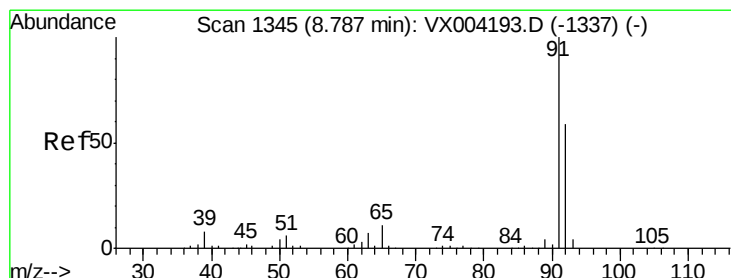
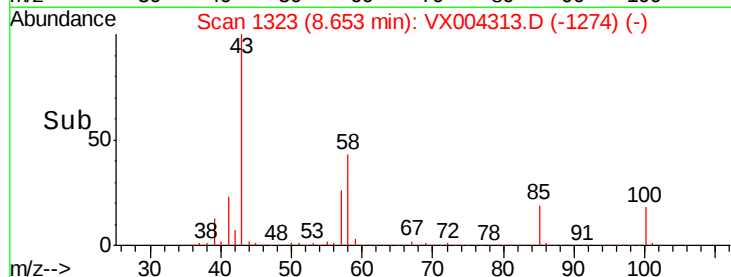
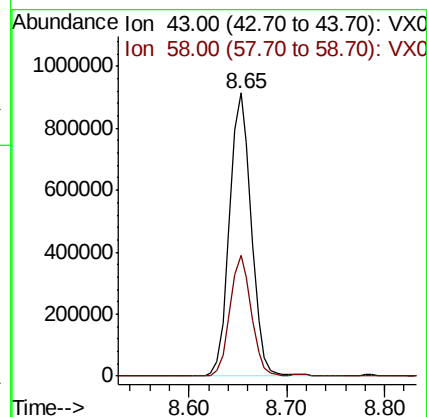
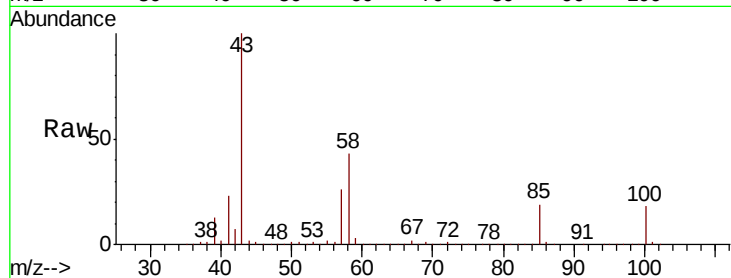
58 41.6 33.1 49.7

Manual Integrations

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MMDadoda

8/30/2018 1:38:39 PM



#52

Toluene

Concen: 51.56 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004313.D

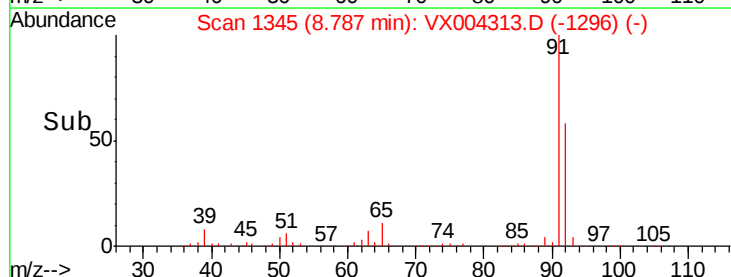
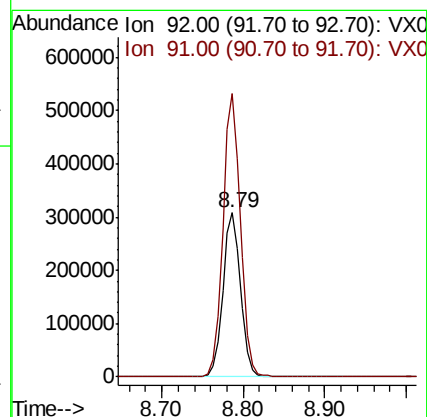
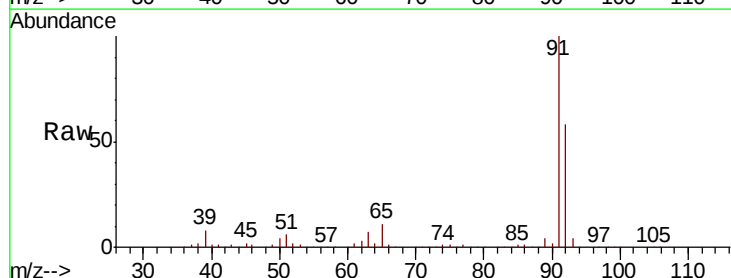
Acq: 30 Aug 2018 01:11

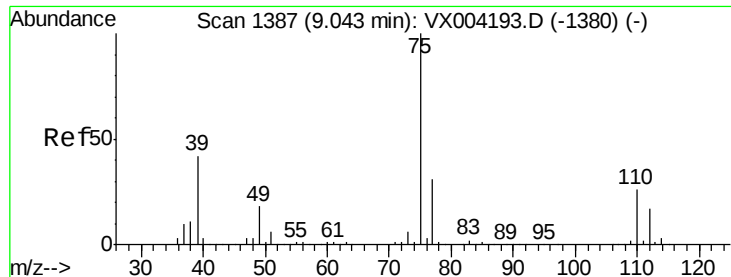
Tgt Ion: 92 Resp: 465860

Ion Ratio Lower Upper

92 100

91 171.7 136.4 204.6





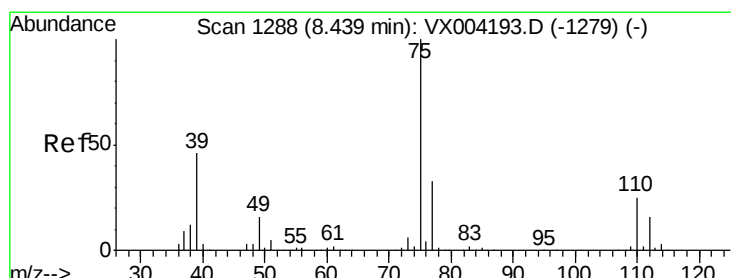
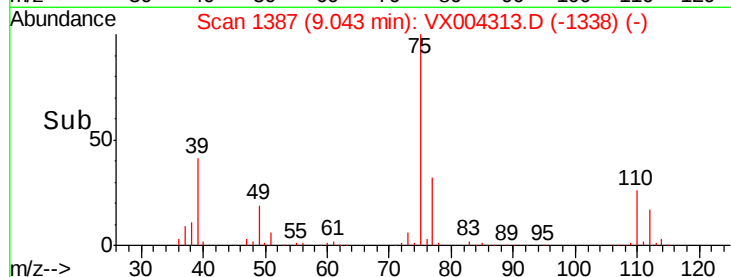
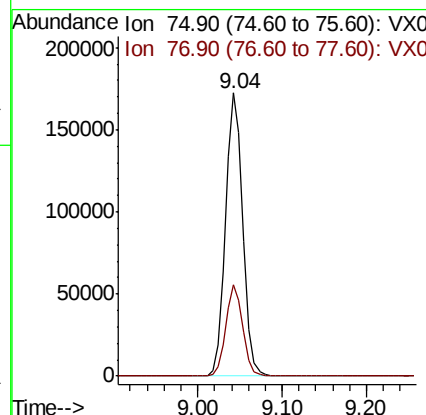
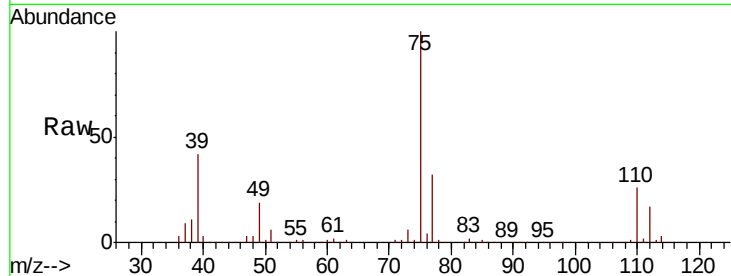
#53
 t-1,3-Dichloropropene
 Concen: 49.31 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 243760
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0

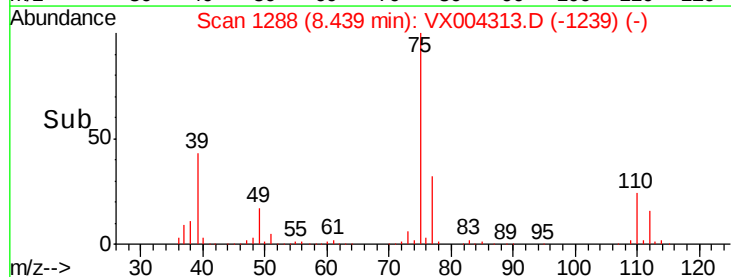
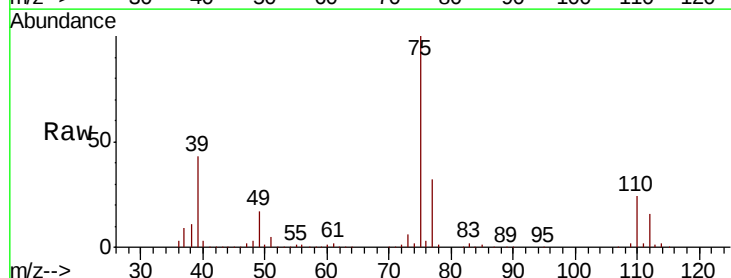
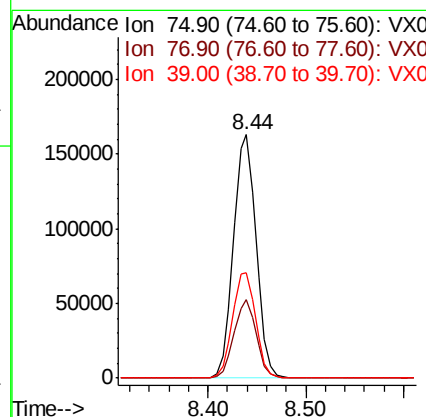
Manual Integrations
 APPROVED

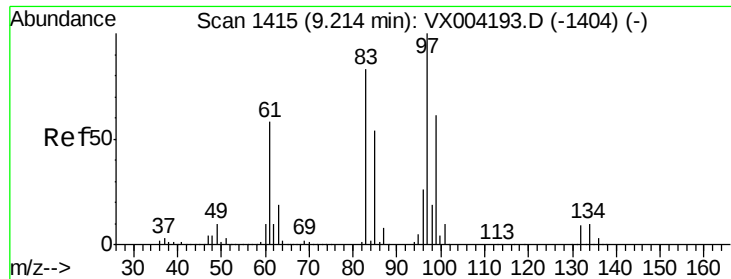
MMDadoda
 8/30/2018 1:38:39 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.66 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 75 Resp: 262024
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 39 43.0 36.4 54.6





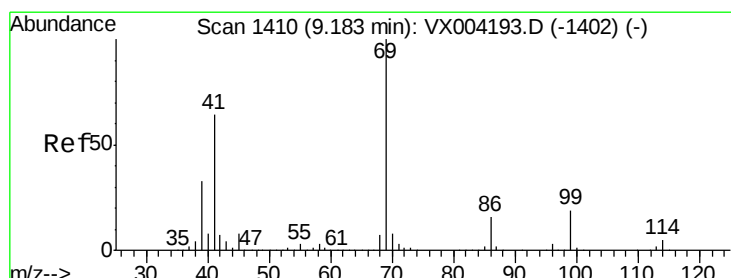
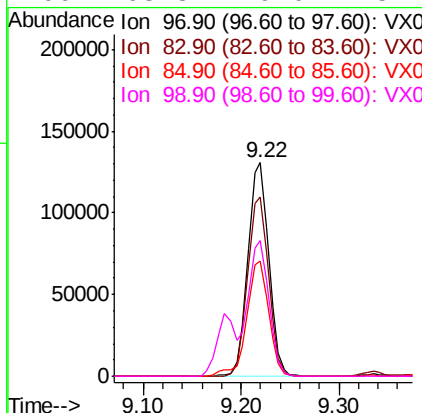
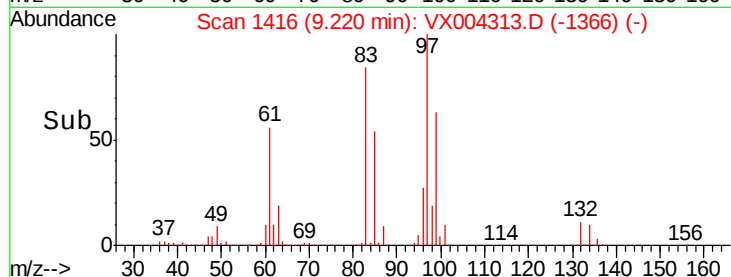
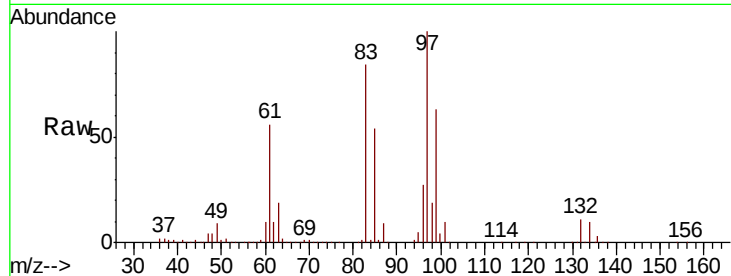
#55
 1,1,2-Trichloroethane
 Concen: 53.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	97	Resp:	194198
Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.4	99.6
85	54.1	43.3	64.9
99	63.3	49.0	73.4

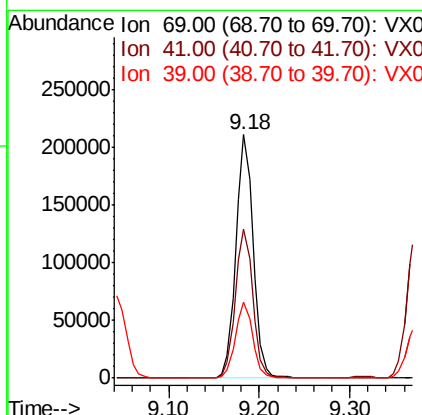
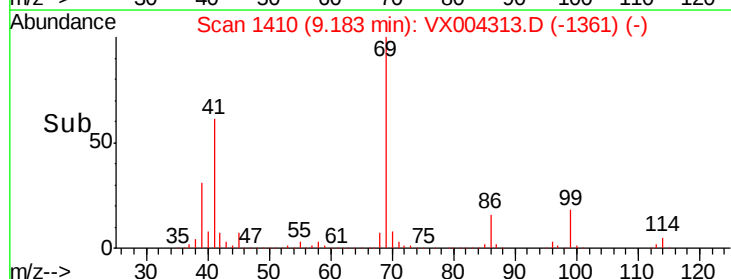
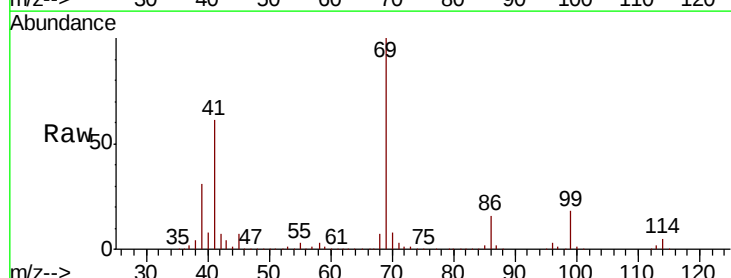
Manual Integrations
 APPROVED

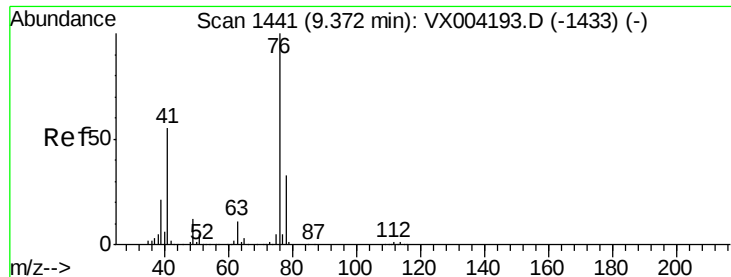
MMDadoda
 8/30/2018 1:38:39 PM



#56
 Ethyl methacrylate
 Concen: 56.28 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion:	69	Resp:	279449
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	31.2	26.1	39.1





#57

1,3-Dichloropropane

Concen: 53.17 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 76 Resp: 326905

Ion Ratio Lower Upper

76 100

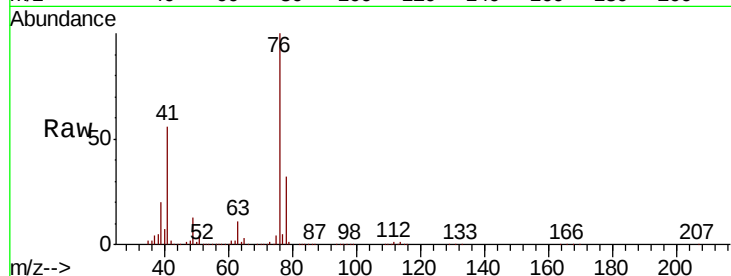
78 32.1 25.5 38.3

Manual Integrations

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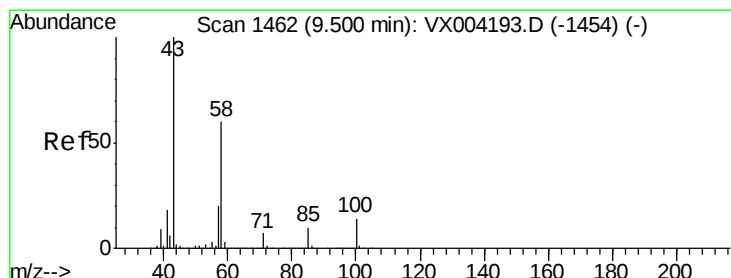
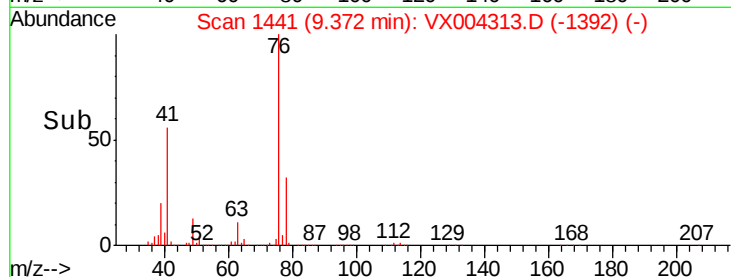
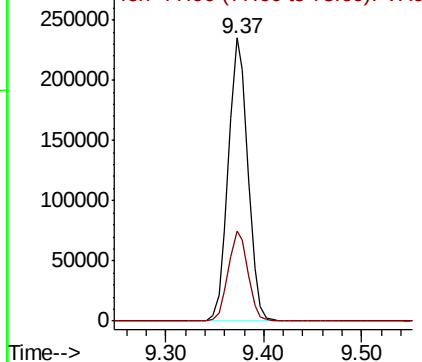
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 270.05 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX004313.D

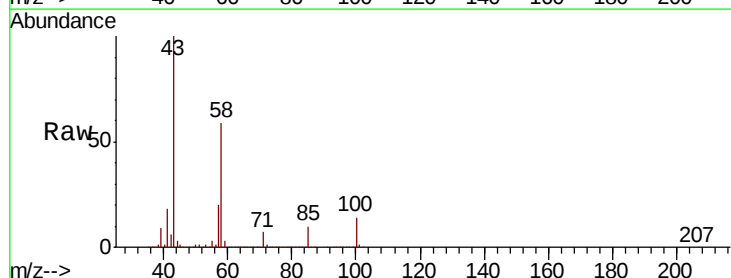
Acq: 30 Aug 2018 01:11

Tgt Ion: 43 Resp: 1092740

Ion Ratio Lower Upper

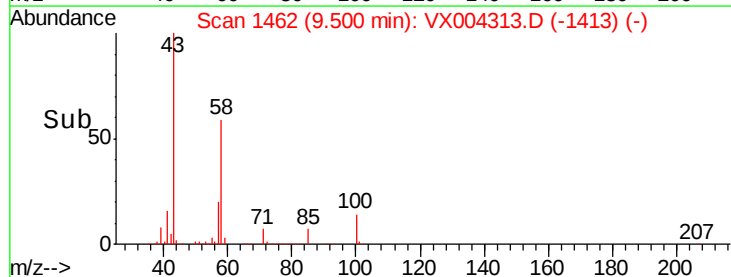
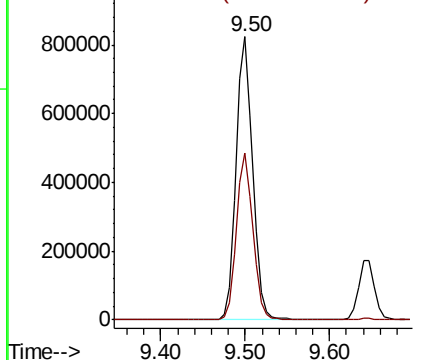
43 100

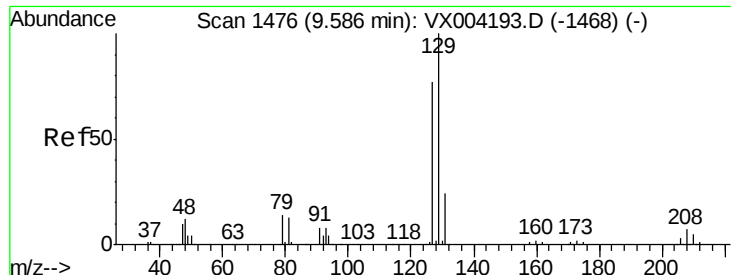
58 58.4 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 54.32 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:129 Resp: 193012

Ion Ratio Lower Upper

129 100

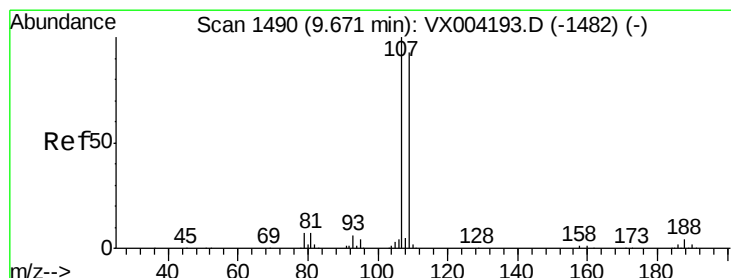
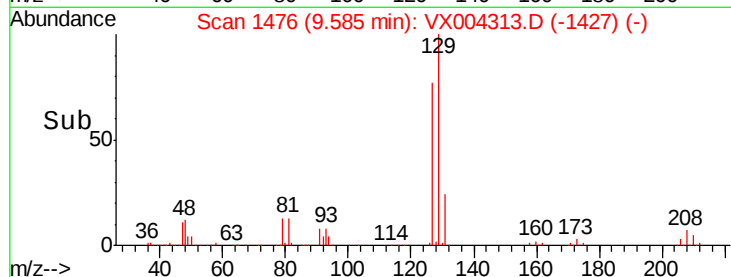
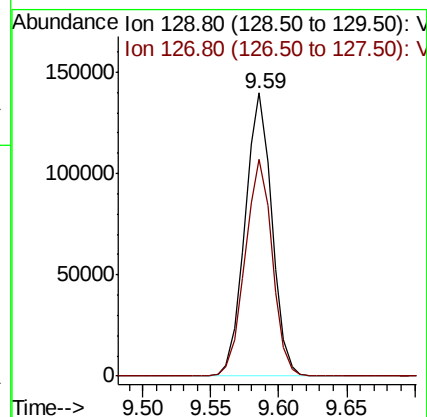
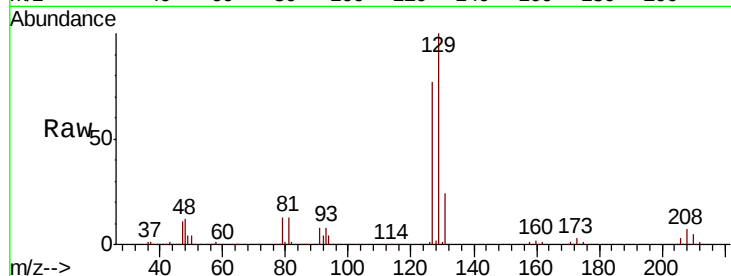
127 77.5 38.5 115.5

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 51.90 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004313.D

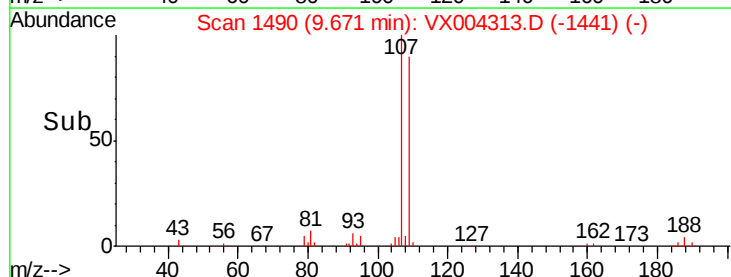
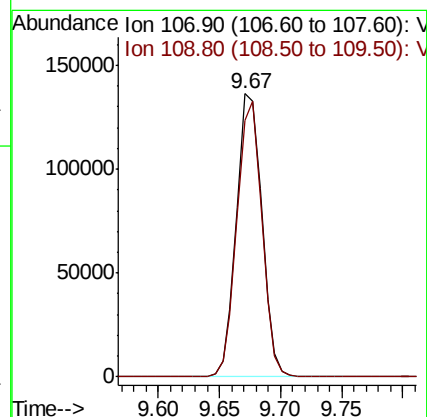
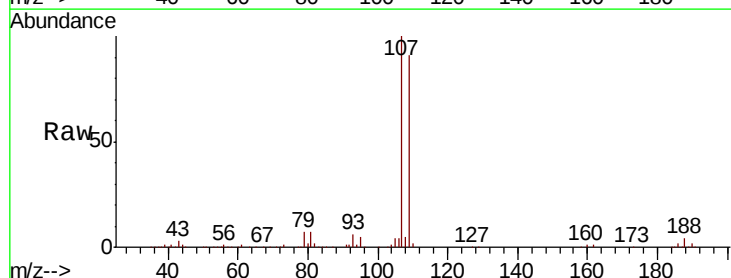
Acq: 30 Aug 2018 01:11

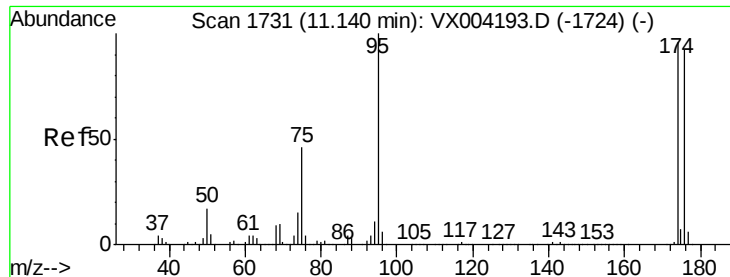
Tgt Ion:107 Resp: 195911

Ion Ratio Lower Upper

107 100

109 95.5 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 52.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

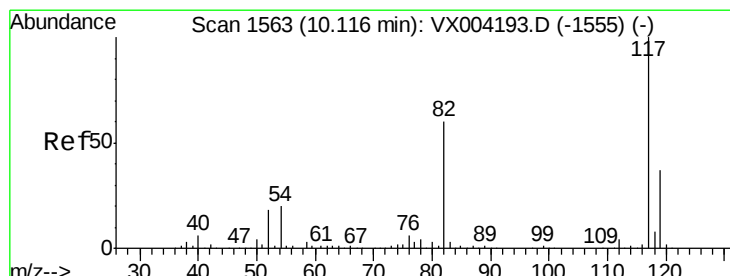
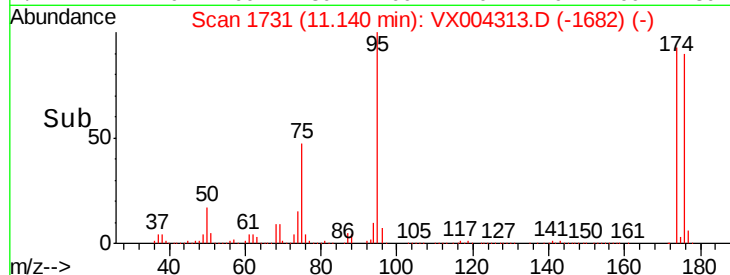
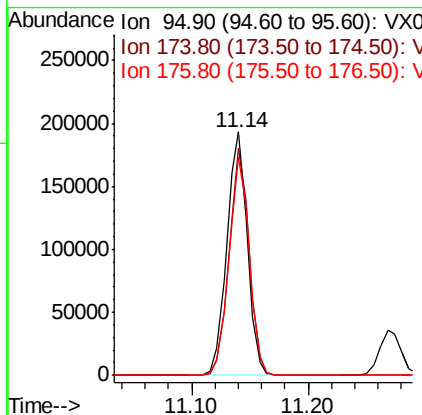
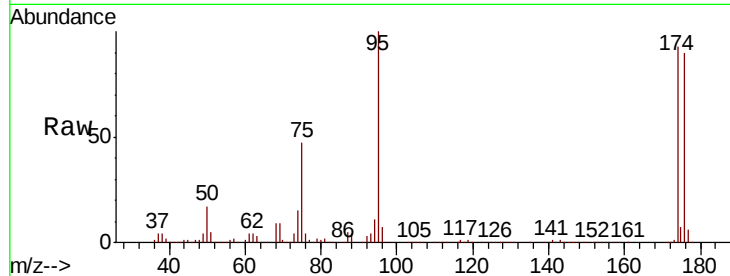
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	95	Resp:	234504
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	185.2
176	89.5	0.0	178.6

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

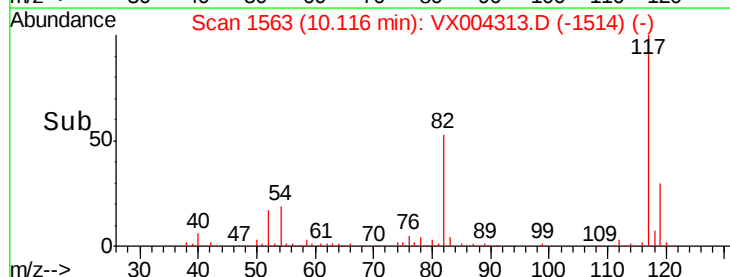
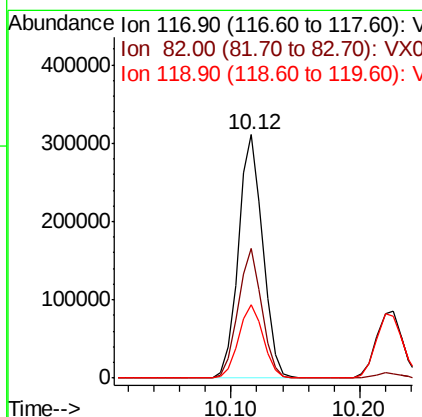
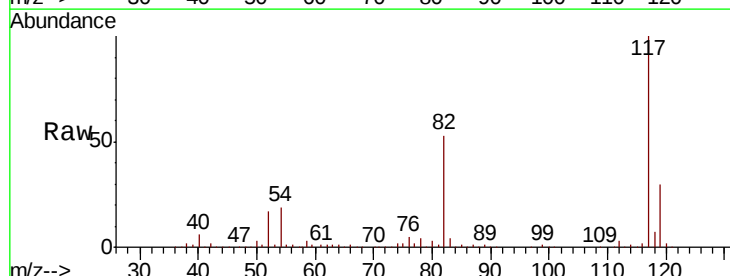
RT: 10.12 min Scan# 1563

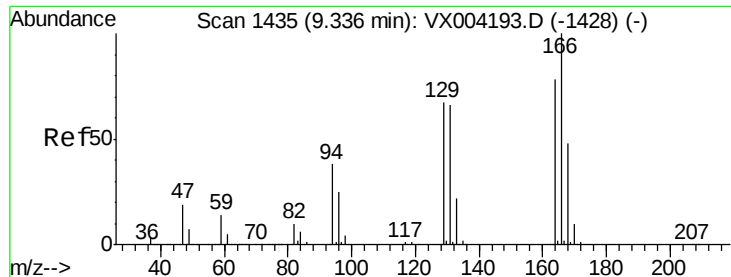
Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion:	117	Resp:	405367
Ion Ratio	Lower	Upper	
117	100		
82	53.3	47.8	71.6
119	30.2	29.3	43.9





#64

Tetrachloroethene

Concen: 55.50 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:164 Resp: 222261

Ion Ratio Lower Upper

164 100

166 129.5 102.8 154.2

129 89.3 69.4 104.0

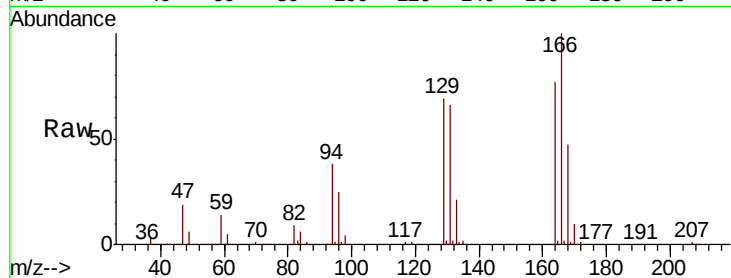
131 85.3 67.9 101.9

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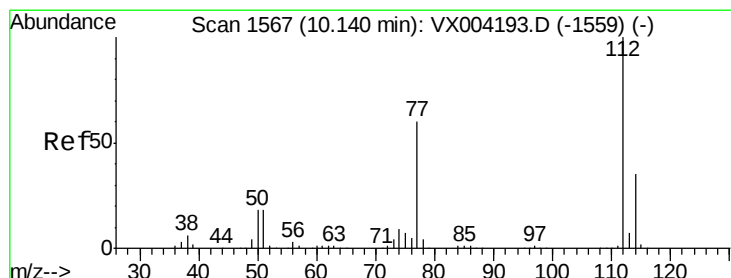
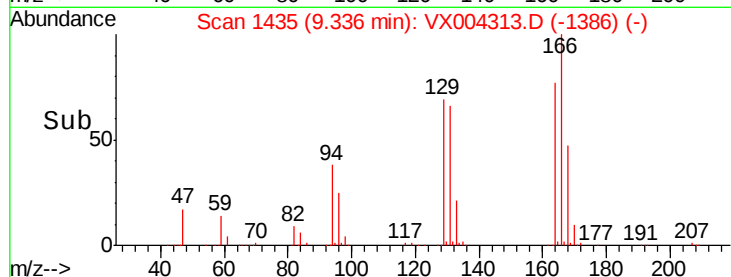
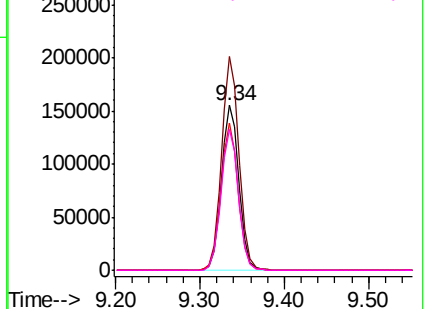


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.96 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004313.D

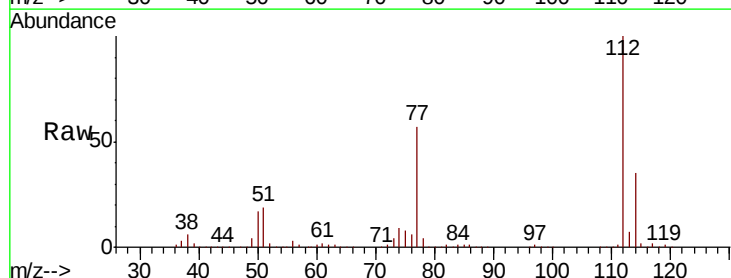
Acq: 30 Aug 2018 01:11

Tgt Ion:112 Resp: 487884

Ion Ratio Lower Upper

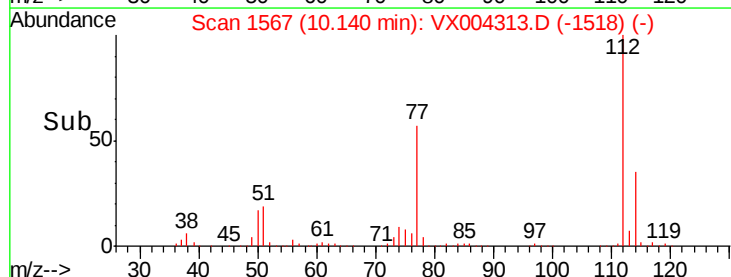
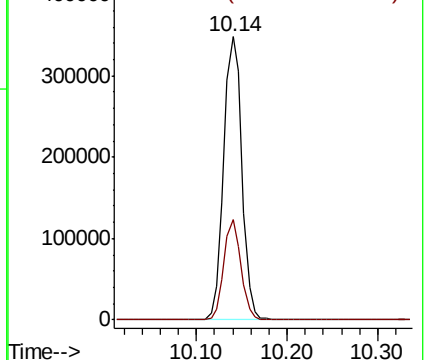
112 100

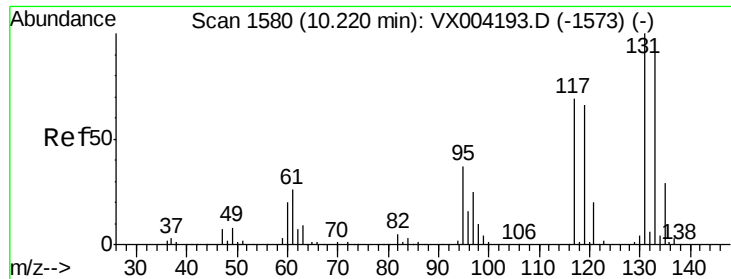
114 35.4 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.78 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

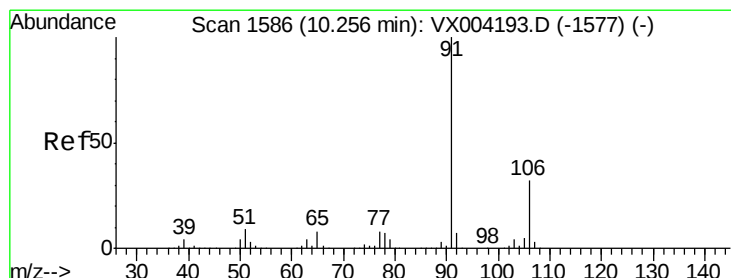
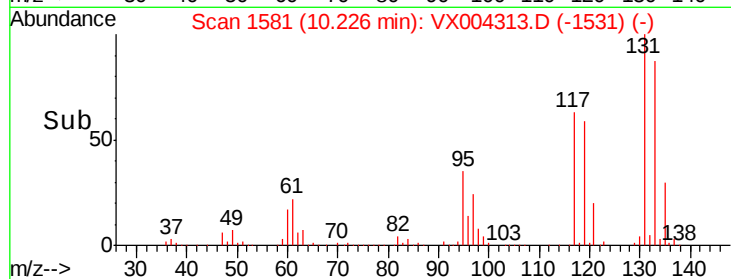
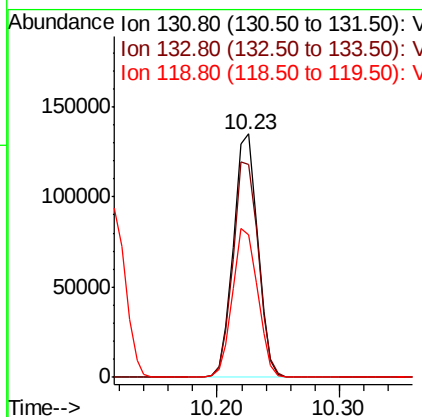
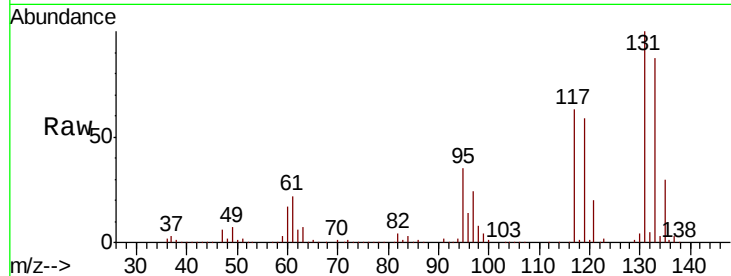
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	131	Resp:	185220
Ion Ratio	Lower	Upper	
131	100		
133	92.1	48.1	144.4
119	63.2	32.9	98.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.26 ug/l

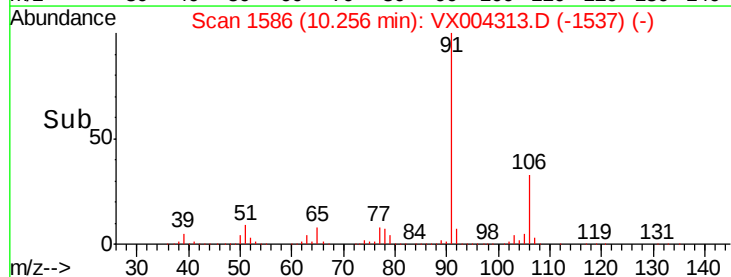
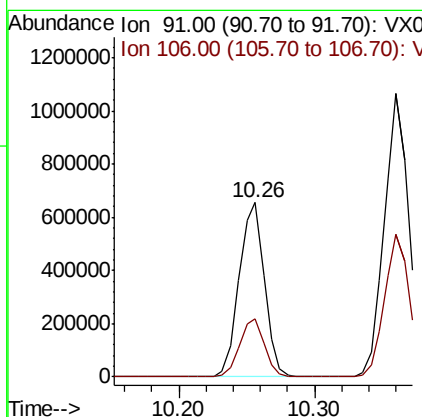
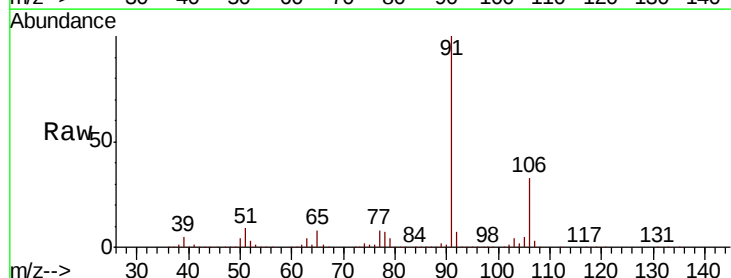
RT: 10.26 min Scan# 1586

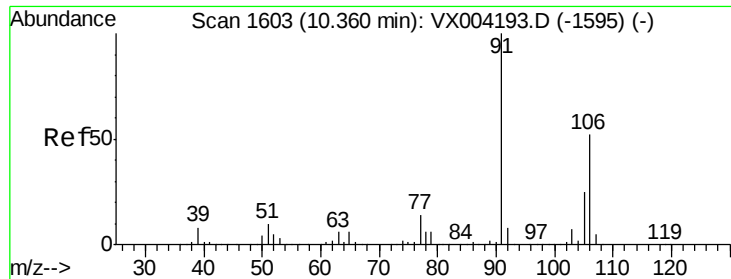
Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion:	91	Resp:	846935
Ion Ratio	Lower	Upper	
91	100		
106	33.4	25.9	38.9





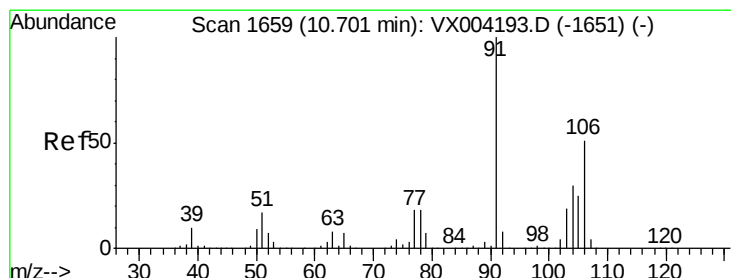
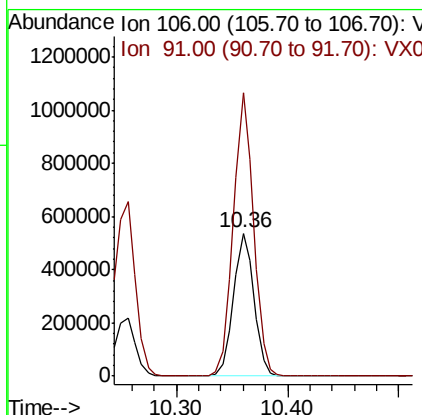
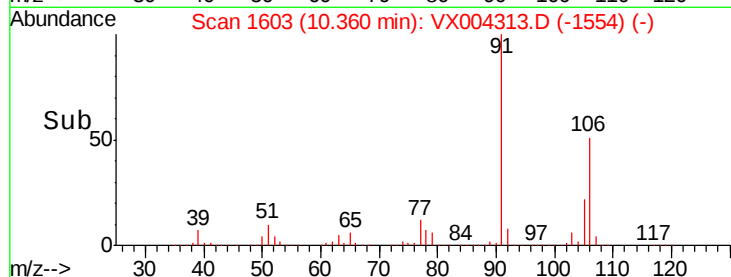
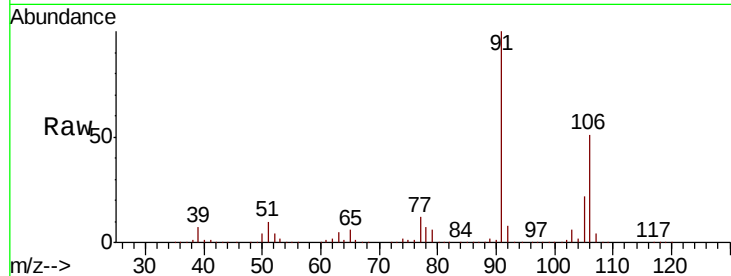
#68
m/p-Xylenes
Concen: 105.78 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion:106 Resp: 683414
Ion Ratio Lower Upper
106 100
91 196.0 157.1 235.7

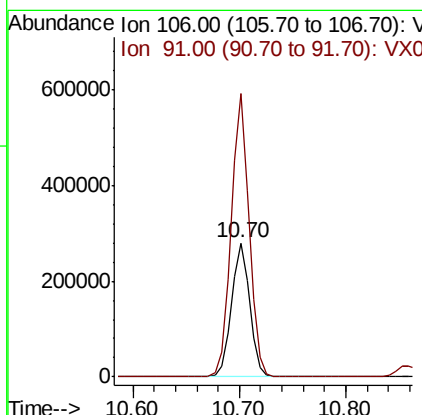
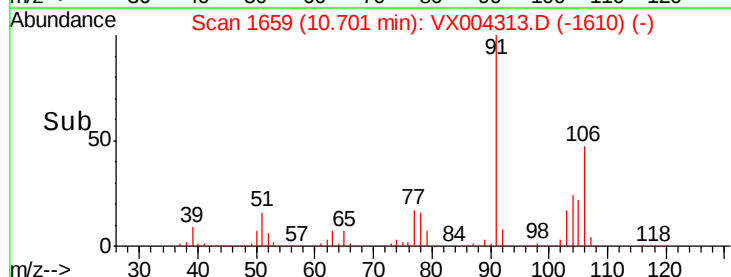
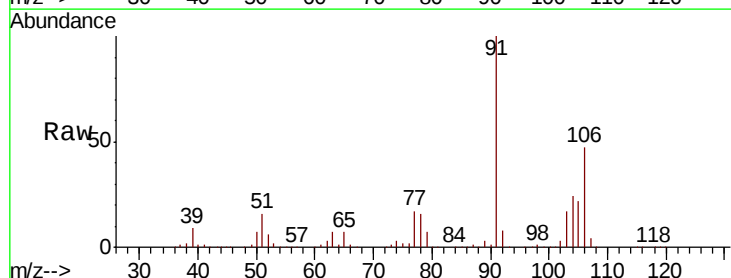
Manual Integrations
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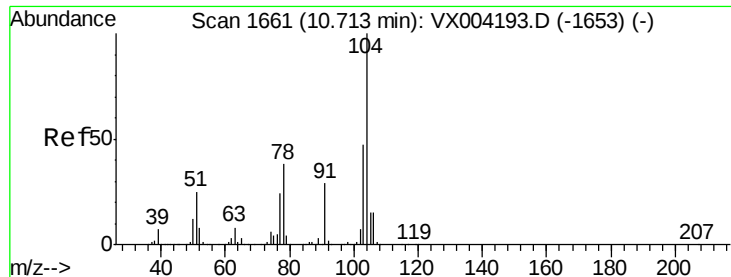
MMDadoda
8/30/2018 1:38:39 PM



#69
o-Xylene
Concen: 54.84 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion:106 Resp: 335163
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1





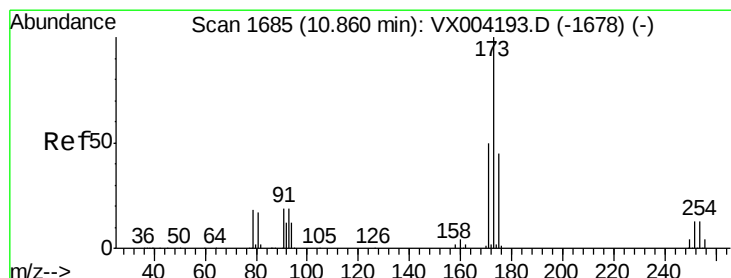
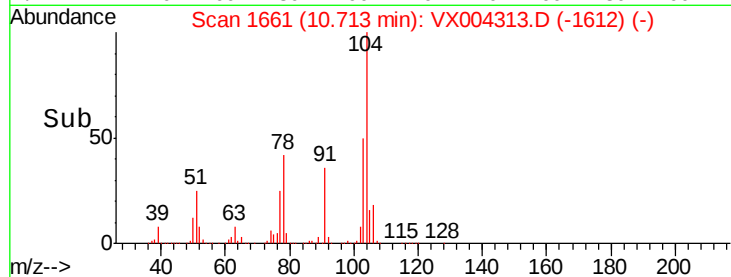
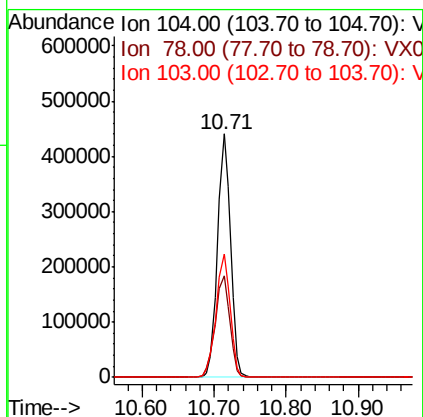
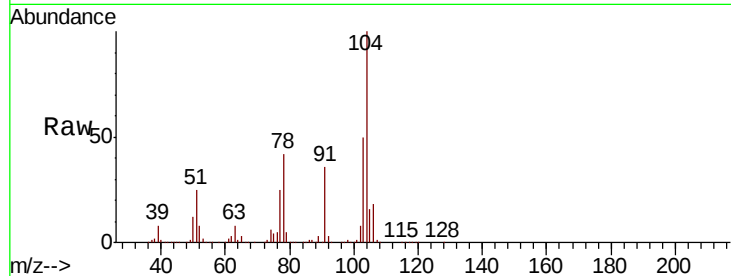
#70
Stvrene
Concen: 55.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	548863		
78	46.9		37.4	56.0
103	55.0		43.8	65.6

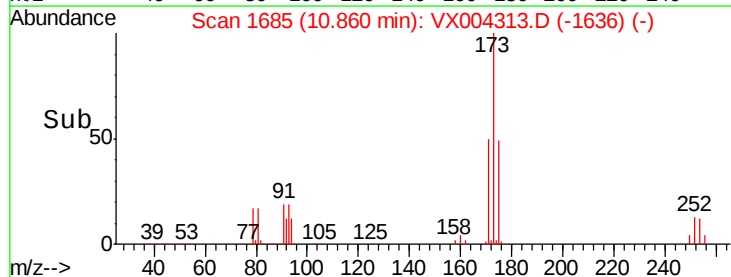
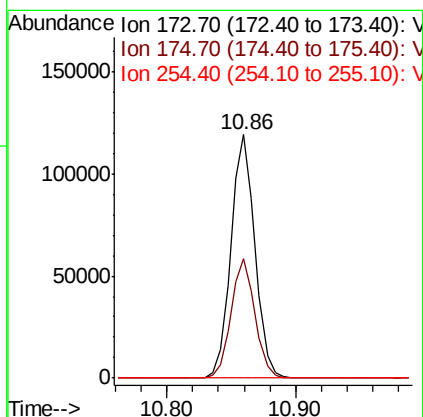
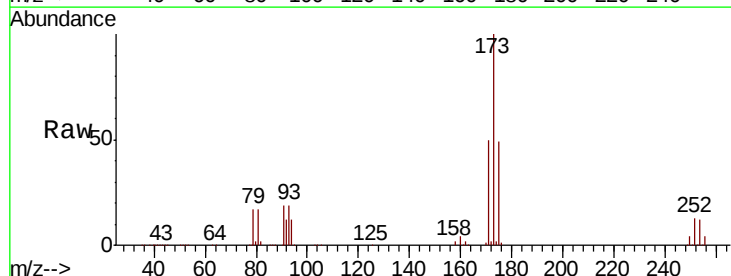
Manual Integrations
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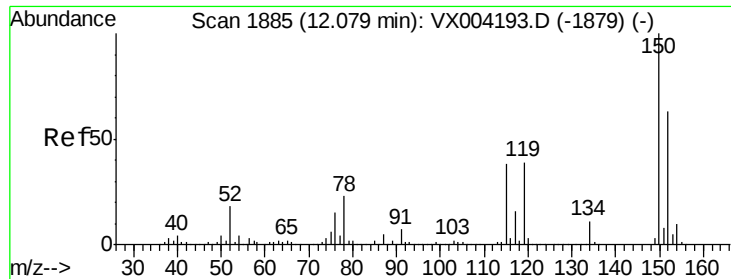
MMDadoda
8/30/2018 1:38:39 PM



#71
Bromoform
Concen: 54.60 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	154450		
175	48.8		24.1	72.3
254	0.2		0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

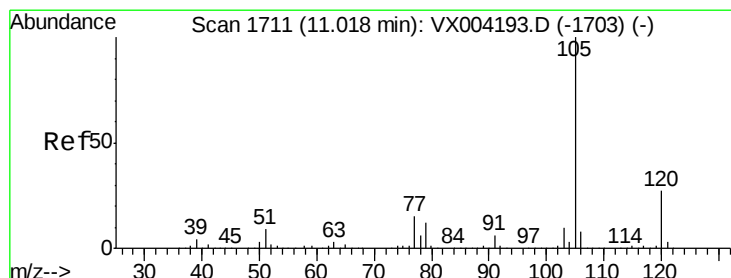
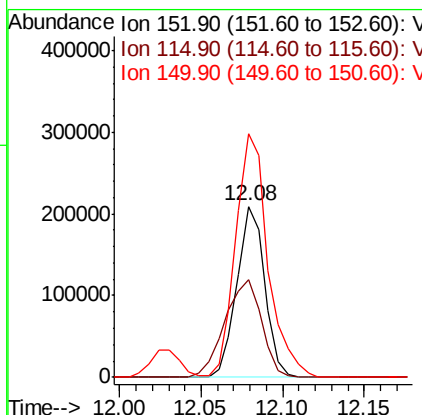
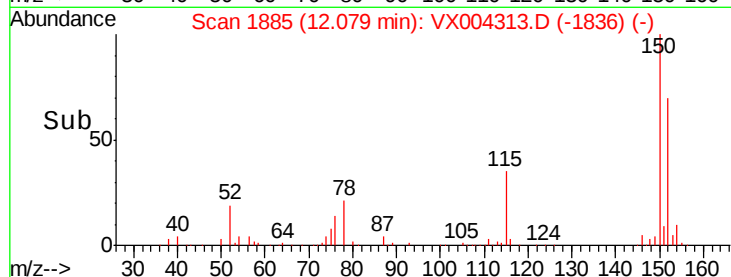
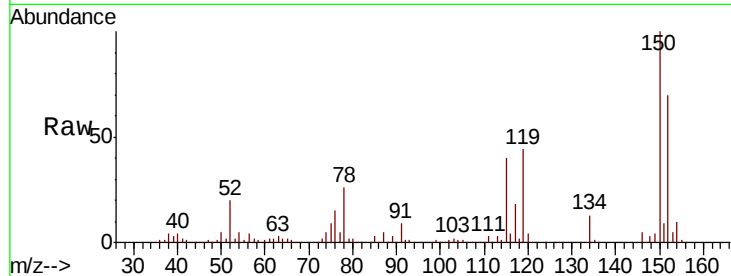
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion:	152	Resp:	249160
Ion Ratio	Lower	Upper	
152	100		
115	75.3	39.0	117.0
150	165.2	0.0	351.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 54.67 ug/l

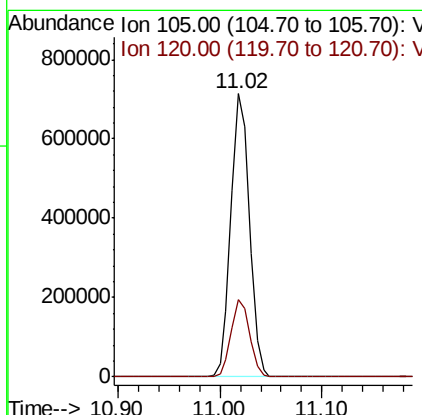
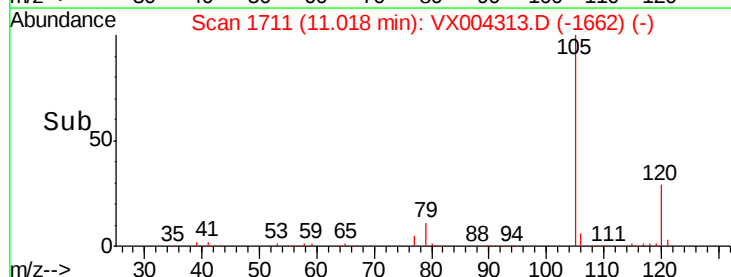
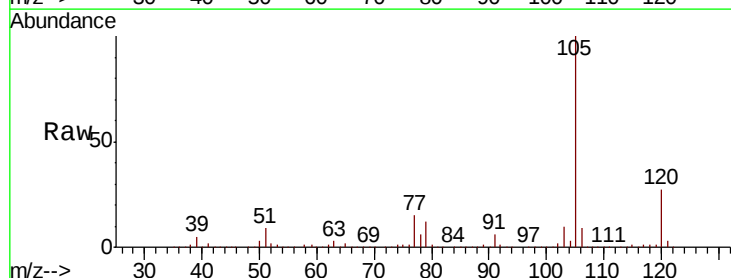
RT: 11.02 min Scan# 1711

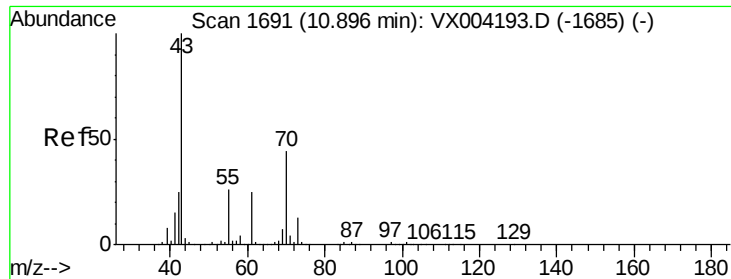
Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion:	105	Resp:	894589
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.5	40.4





#74

N-amvl acetate

Concen: 35.77 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

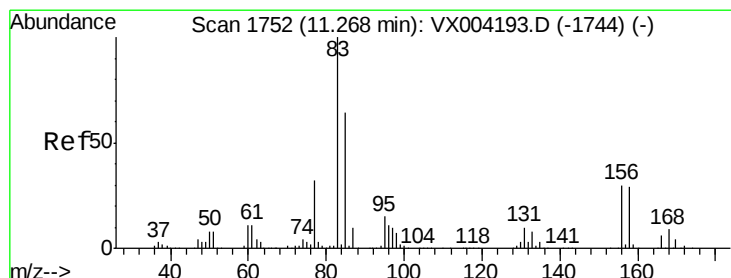
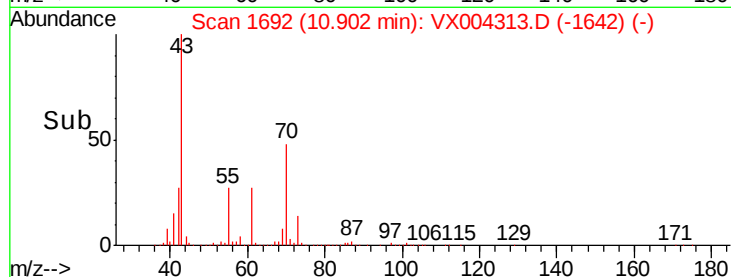
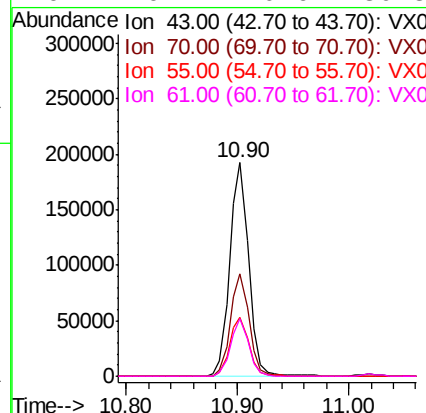
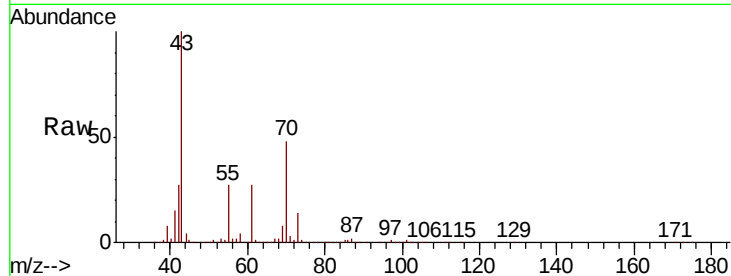
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion	43	Resp	225359
Ion Ratio	Lower	Upper	
43	100		
70	47.8	37.4	56.0
55	28.4	21.8	32.8
61	26.1	20.6	30.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 53.26 ug/l

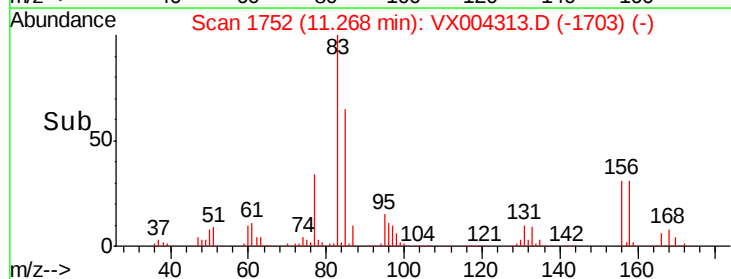
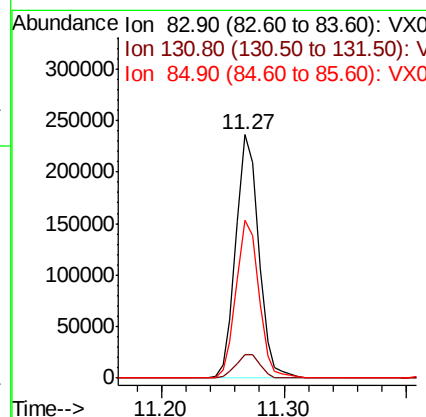
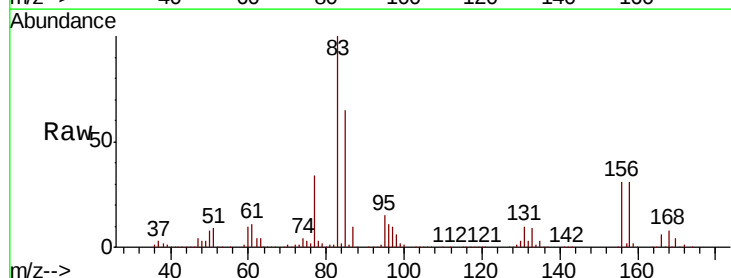
RT: 11.27 min Scan# 1752

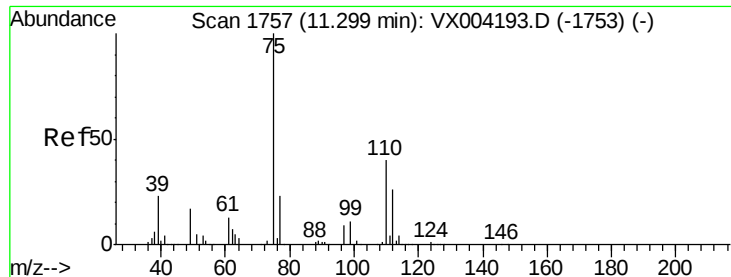
Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Tgt Ion	83	Resp	305017
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	65.0	32.3	96.8





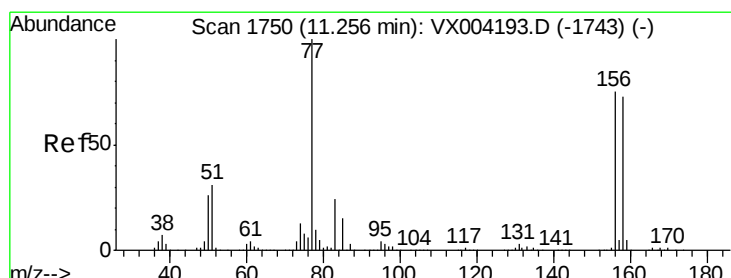
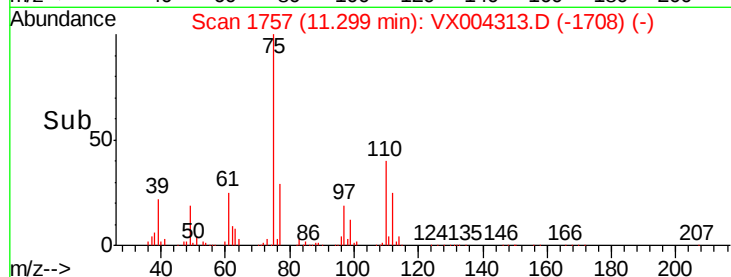
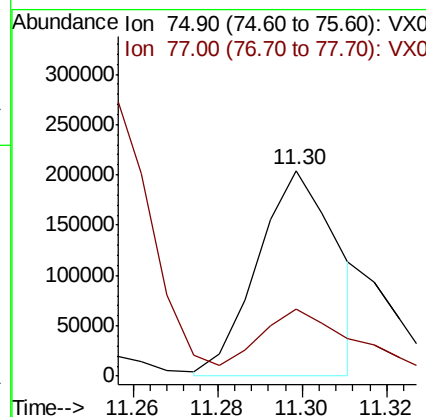
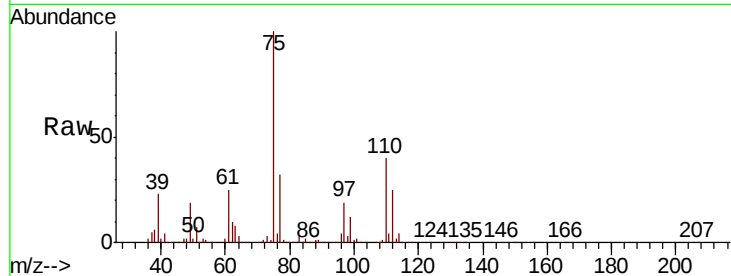
#76
1,2,3-Trichloropropane
Concen: 53.01 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 75 Resp: 268645
Ion Ratio Lower Upper
75 100
77 39.8 20.2 60.6

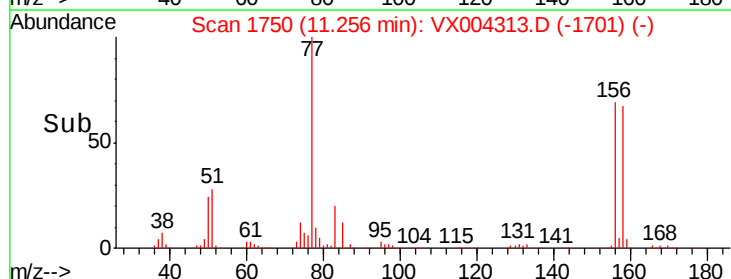
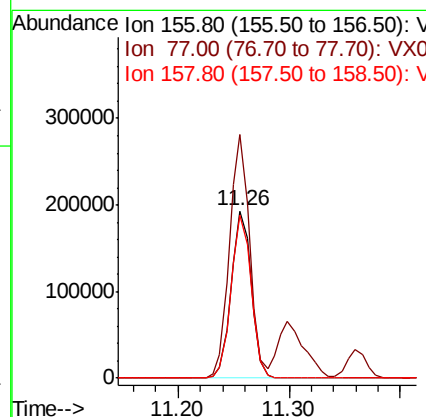
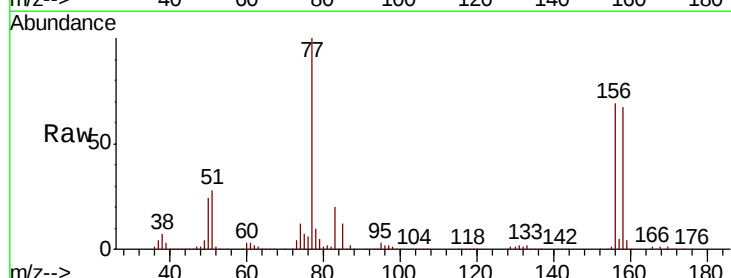
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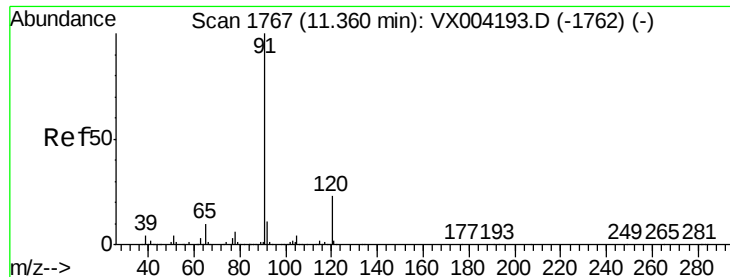
MMDadoda
8/30/2018 1:38:39 PM



#77
Bromobenzene
Concen: 52.49 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 156 Resp: 240938
Ion Ratio Lower Upper
156 100
77 145.7 71.5 214.3
158 97.7 48.9 146.8





#78

n-propylbenzene

Concen: 53.95 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 1015378

Ion Ratio Lower Upper

91 100

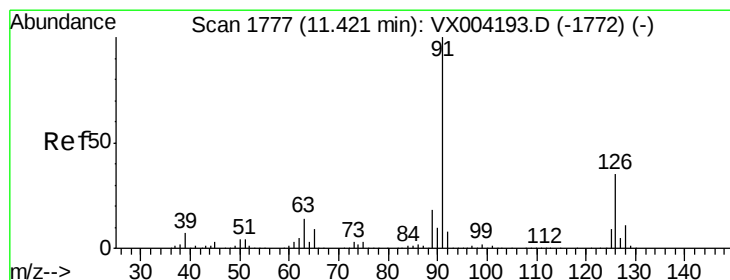
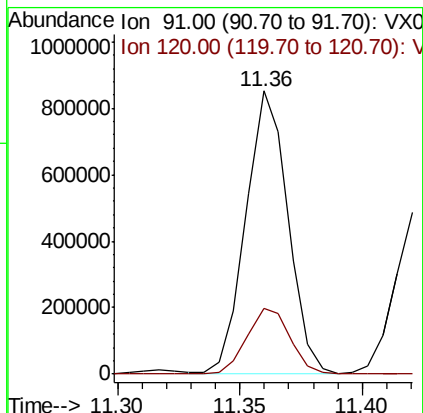
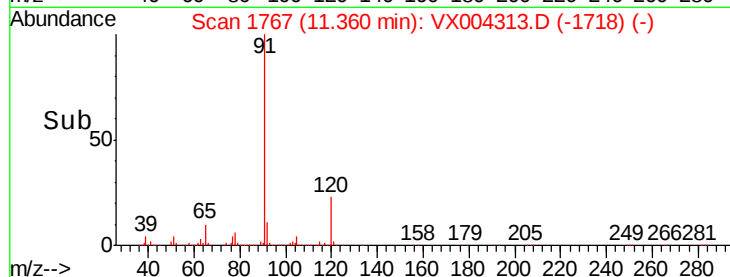
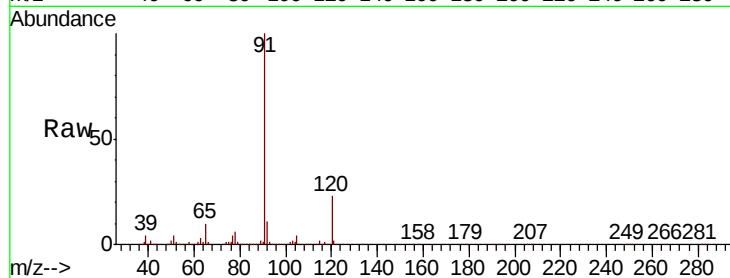
120 23.9 11.9 35.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 52.67 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004313.D

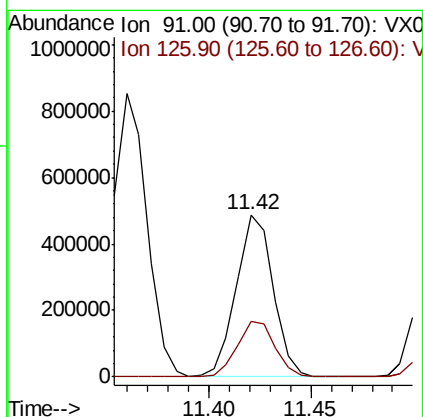
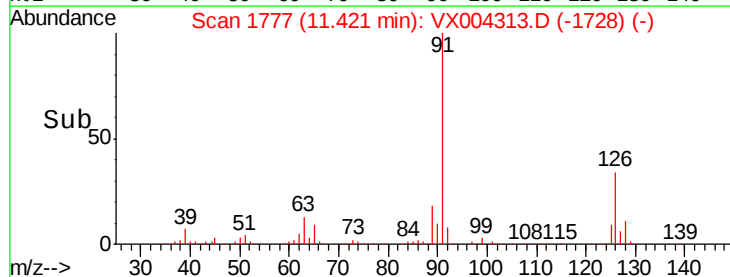
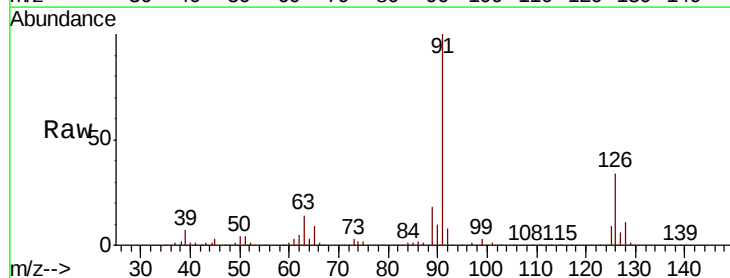
Acq: 30 Aug 2018 01:11

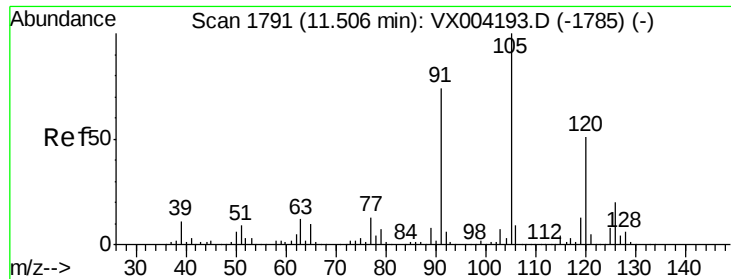
Tgt Ion: 91 Resp: 610154

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7





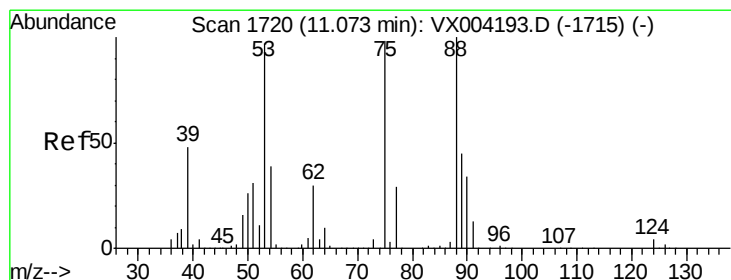
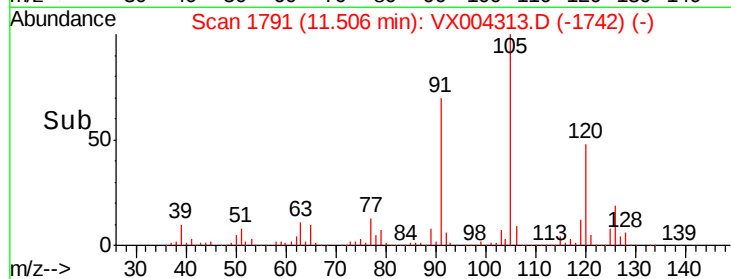
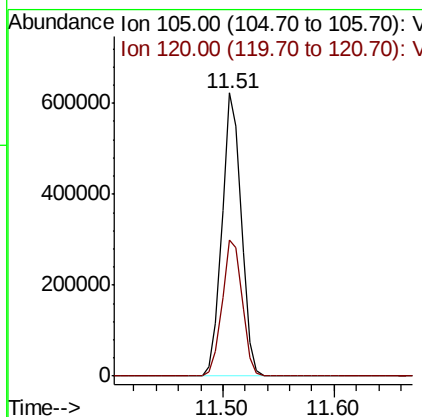
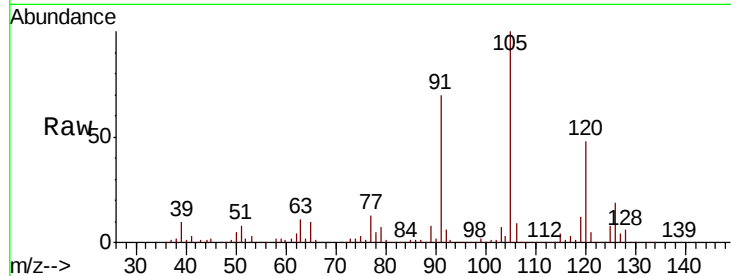
#80
 1,3,5-Trimethylbenzene
 Concen: 54.98 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion:105 Resp: 745158
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.6 76.8

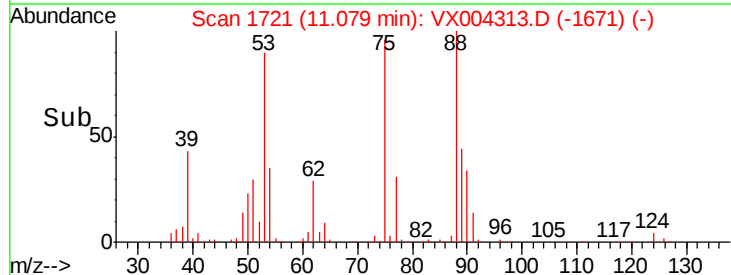
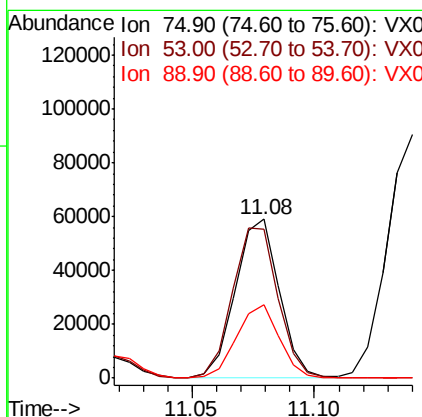
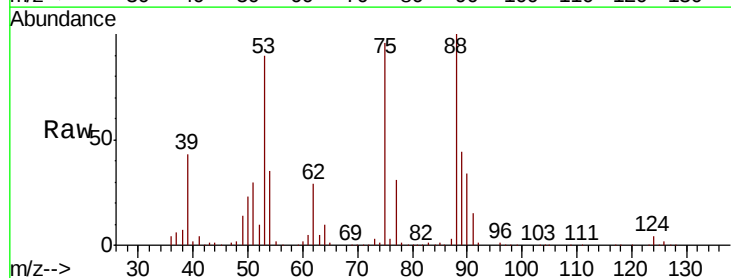
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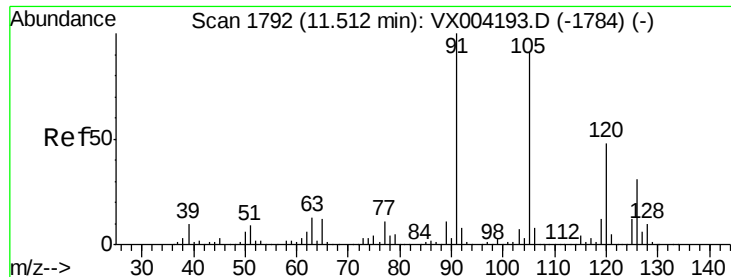
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.79 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion: 75 Resp: 73080
 Ion Ratio Lower Upper
 75 100
 53 98.5 80.1 120.1
 89 45.4 37.2 55.8





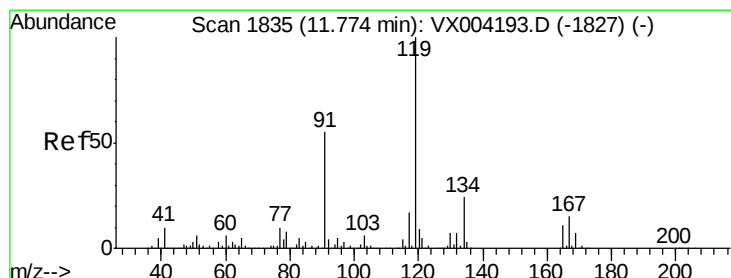
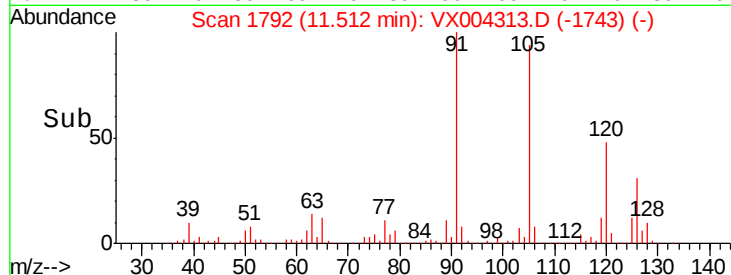
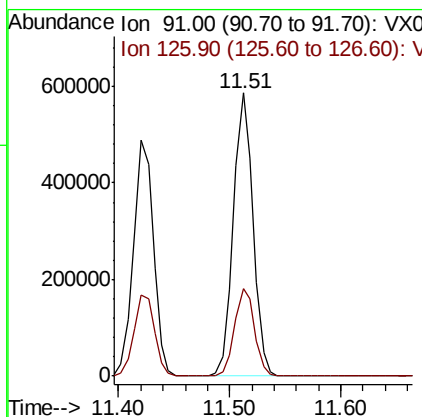
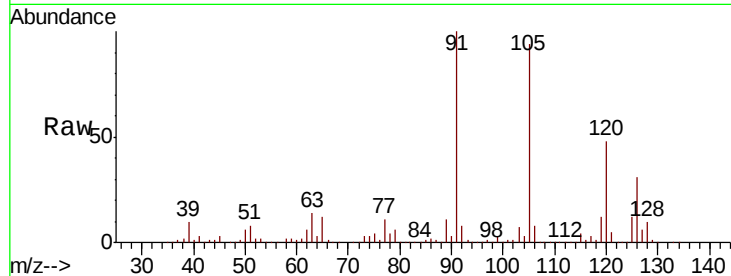
#82
4-Chlorotoluene
Concen: 52.50 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion: 91 Resp: 715649
Ion Ratio Lower Upper
91 100
126 31.3 15.5 46.5

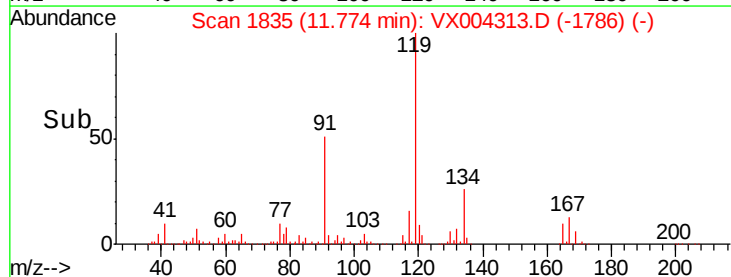
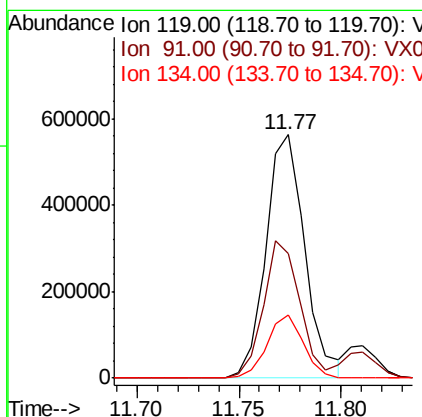
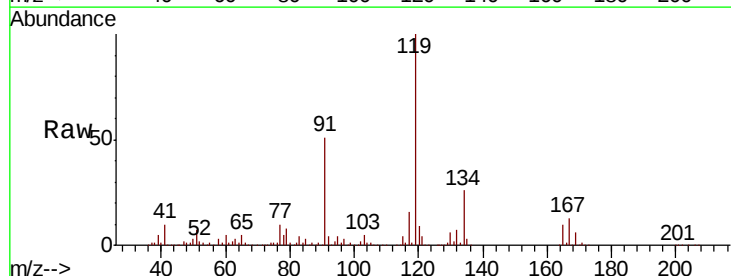
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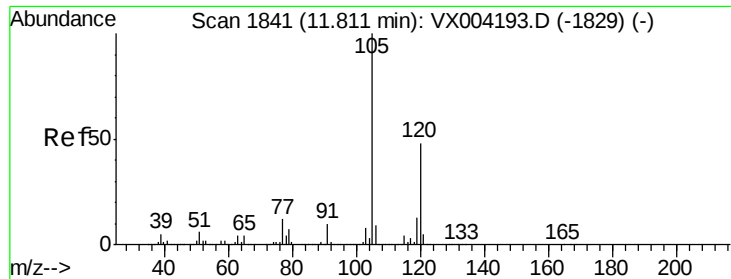
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#83
tert-Butylbenzene
Concen: 54.74 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion: 119 Resp: 746427
Ion Ratio Lower Upper
119 100
91 52.7 27.0 81.0
134 24.2 11.7 35.1





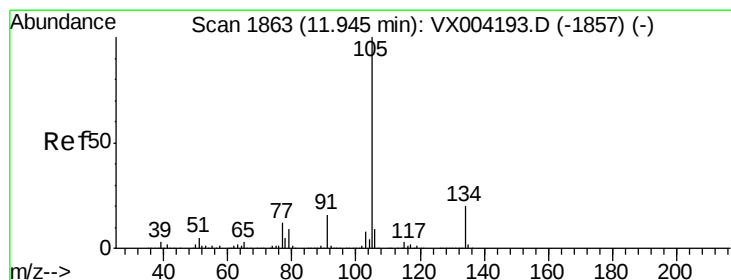
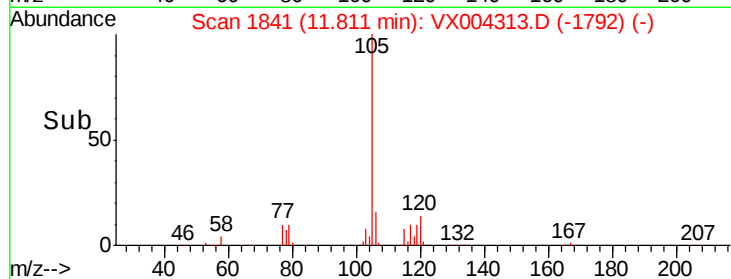
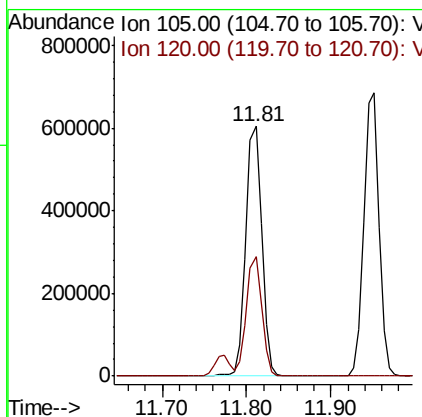
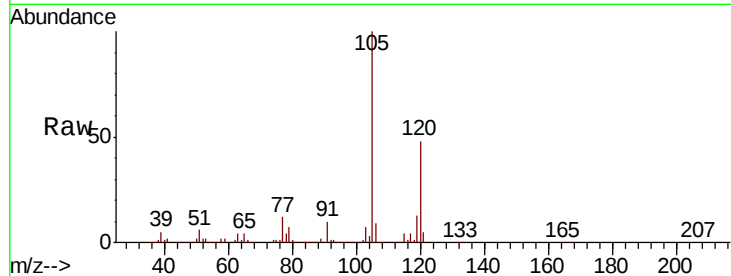
#84
 1,2,4-Trimethylbenzene
 Concen: 54.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.2	69.6

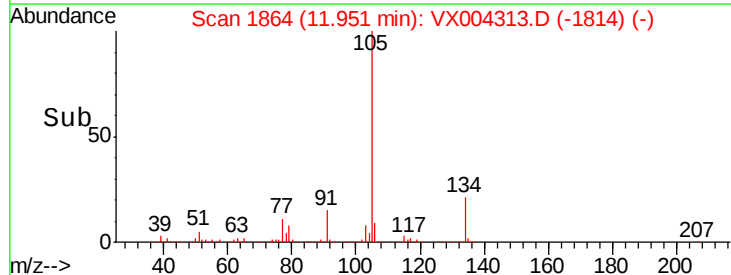
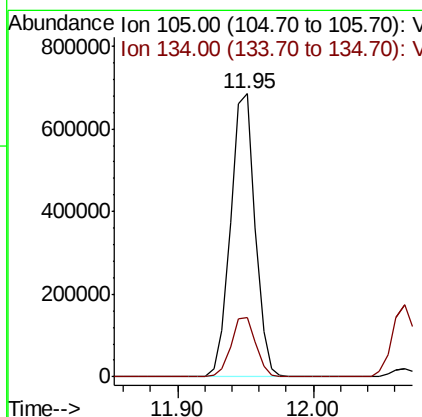
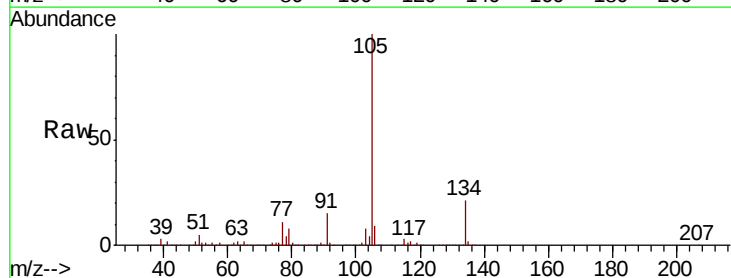
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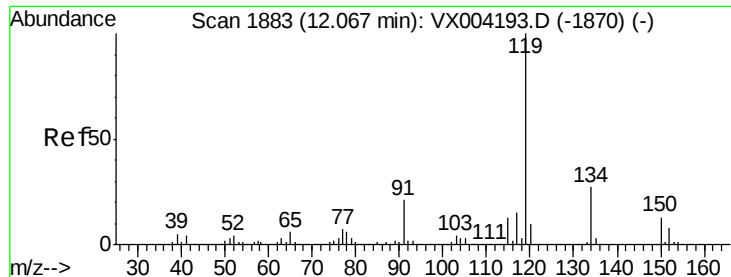
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#85
 sec-Butylbenzene
 Concen: 53.12 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.01 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.5	31.5





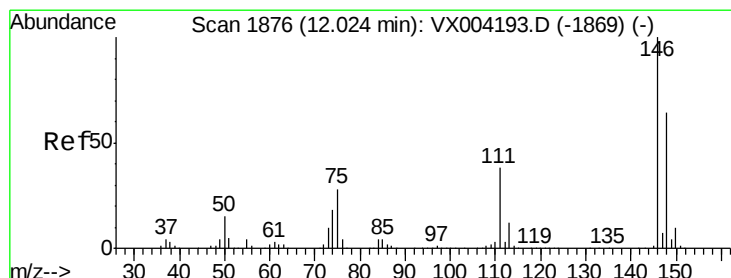
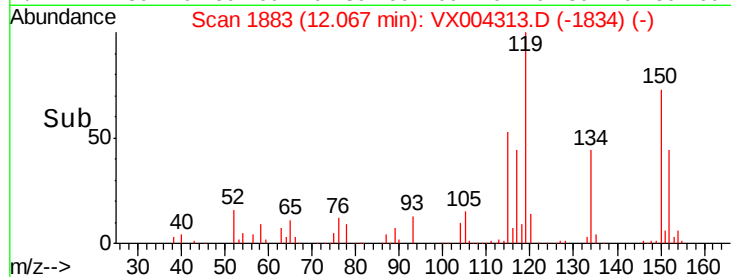
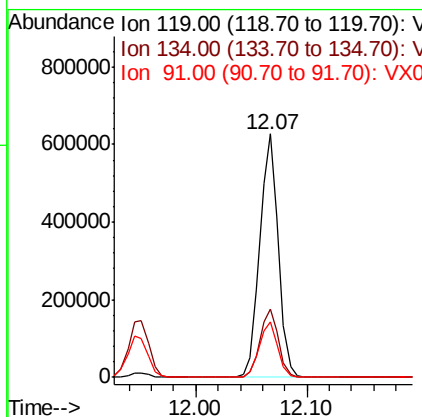
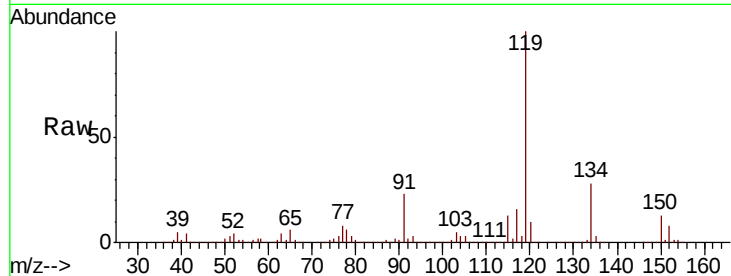
#86
 p-Isopropyltoluene
 Concen: 50.25 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	729030		
134	27.9	13.4	40.2	
91	22.7	10.9	32.7	

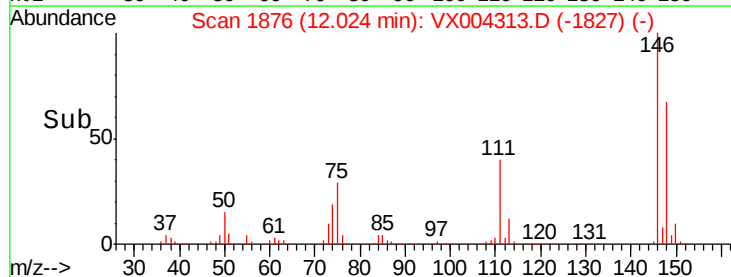
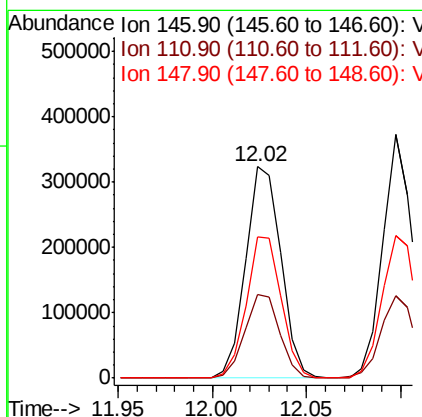
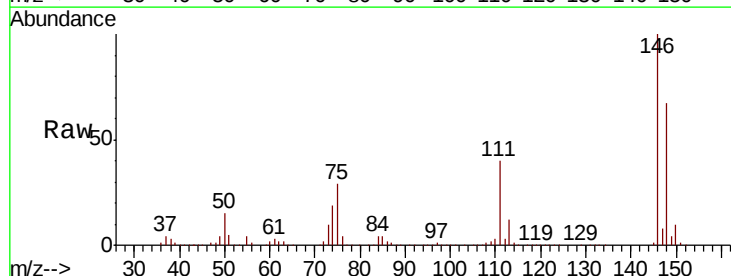
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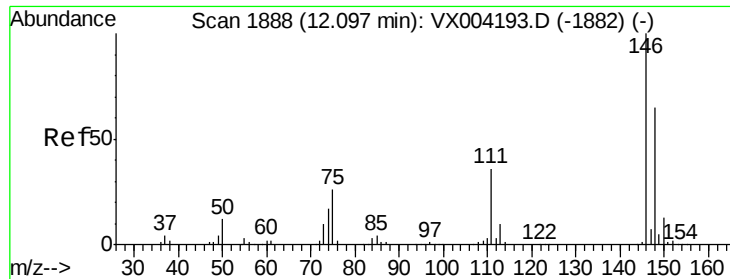
MMDadoda
 8/30/2018 1:38:39 PM



#87
 1,3-Dichlorobenzene
 Concen: 48.62 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420235		
111	39.1	18.7	56.1	
148	66.2	32.1	96.5	





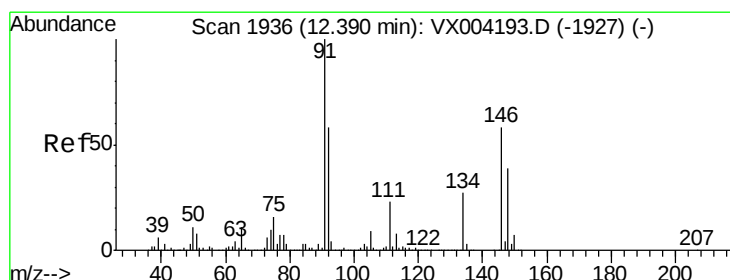
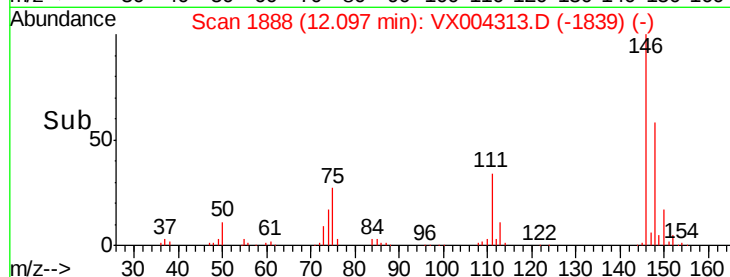
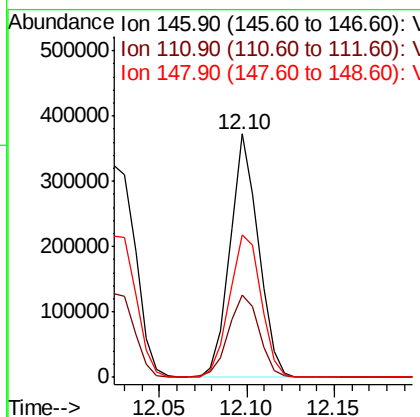
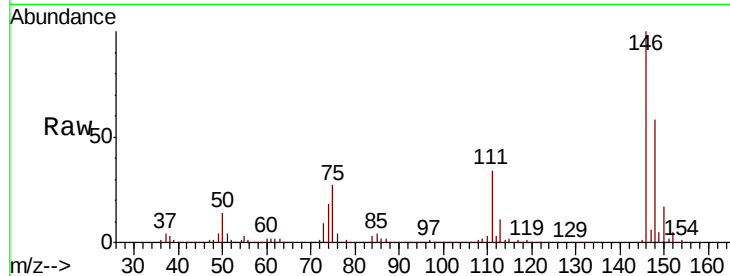
#88
 1,4-Dichlorobenzene
 Concen: 46.29 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	65.1	32.0	96.0

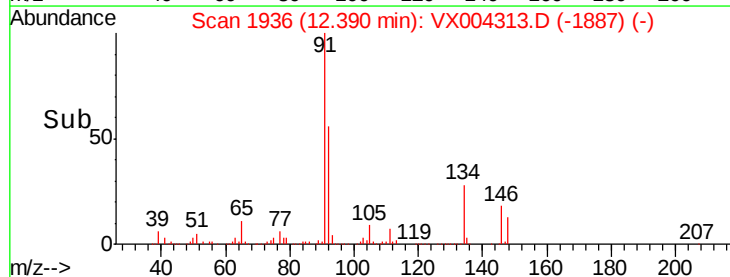
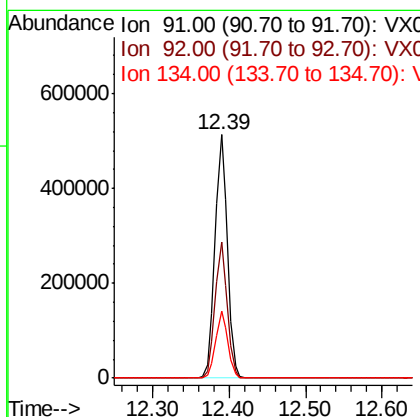
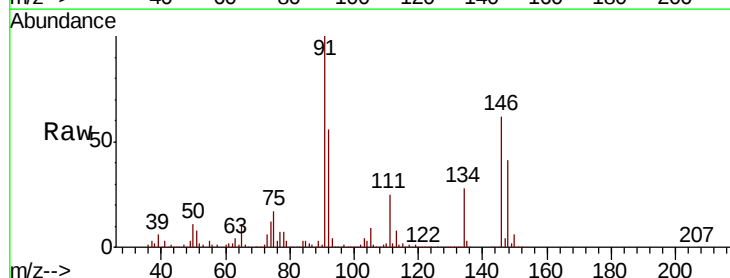
Manual Integrations
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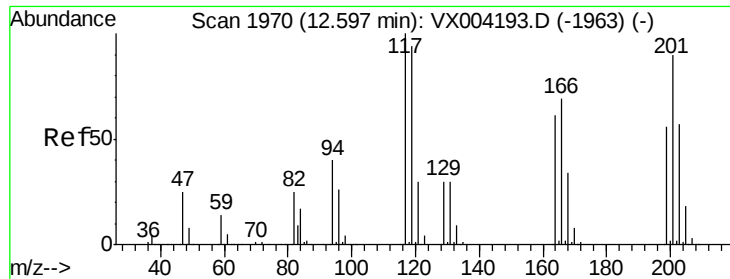
MMDadoda
 8/30/2018 1:38:39 PM



#89
 n-Butylbenzene
 Concen: 49.05 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.3	81.9
134	26.9	13.6	40.7





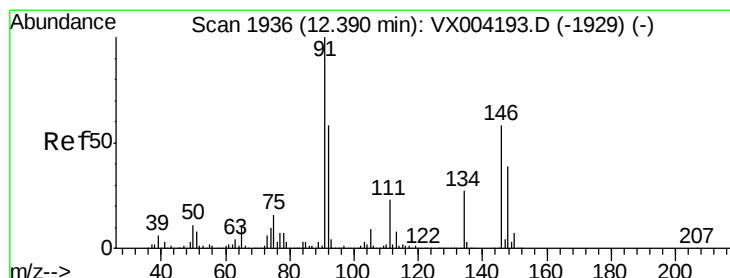
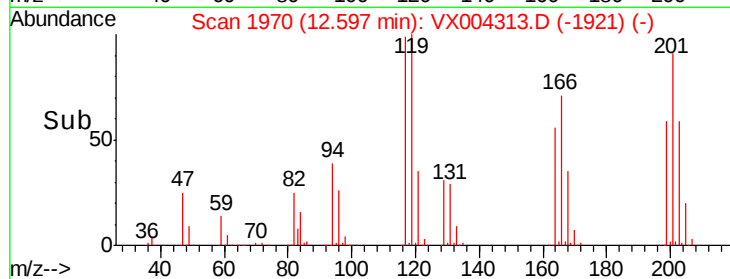
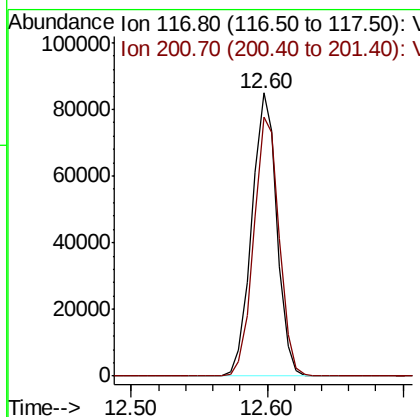
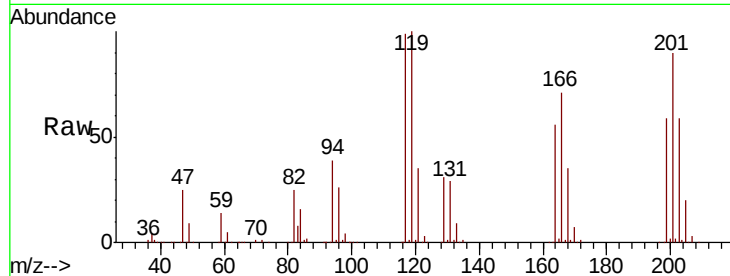
#90
Hexachloroethane
Concen: 54.21 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.8	46.9	140.6	

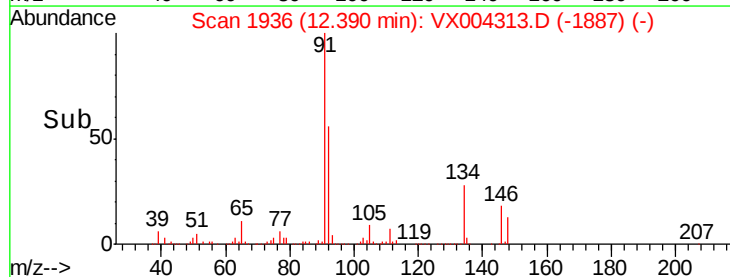
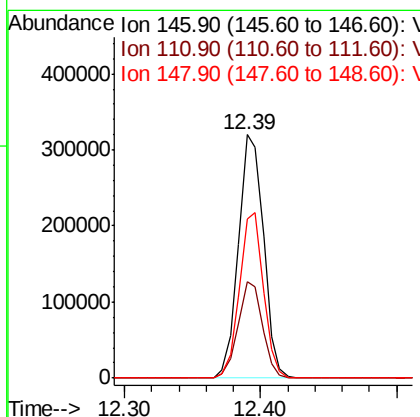
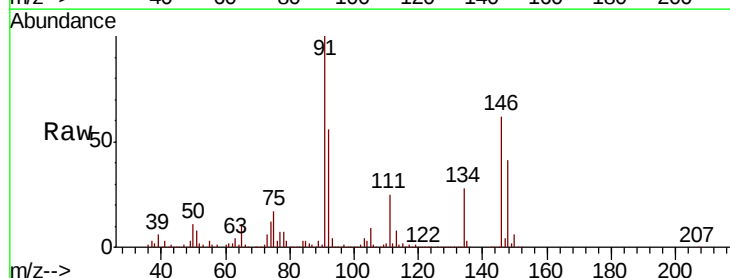
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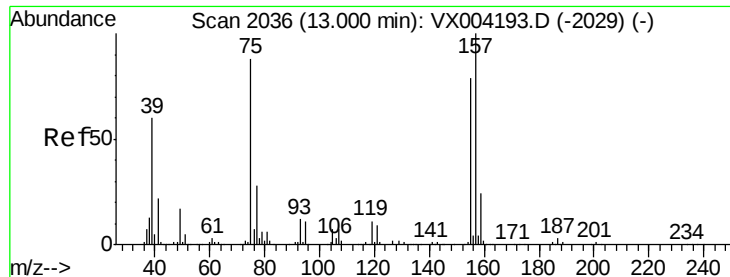
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#91
1,2-Dichlorobenzene
Concen: 51.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004313.D
Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.5	19.4	58.1	
148	65.0	32.8	98.3	





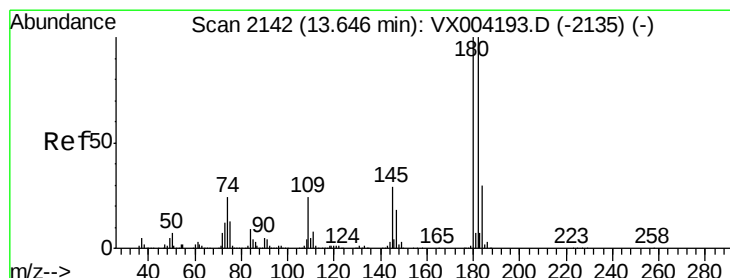
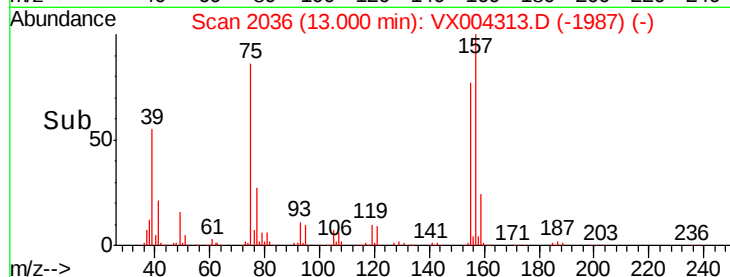
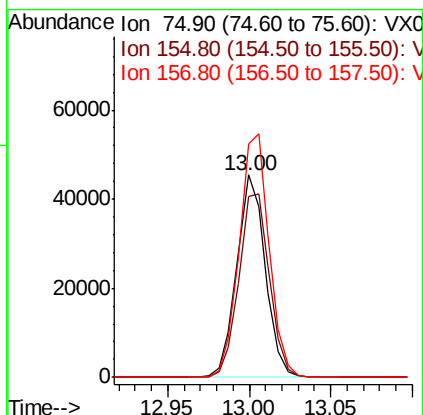
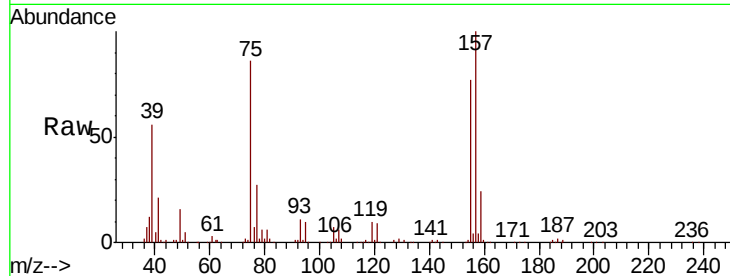
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.65 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.0	144.2
157	126.3	61.4	184.1

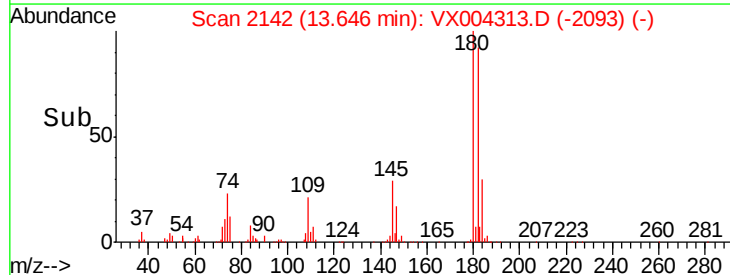
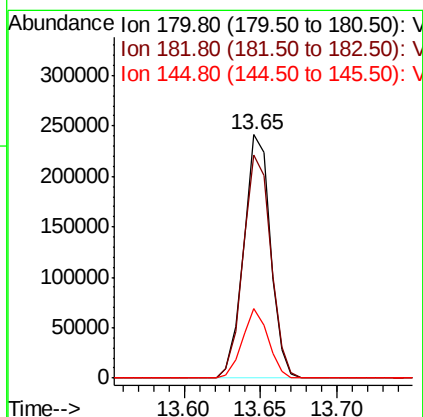
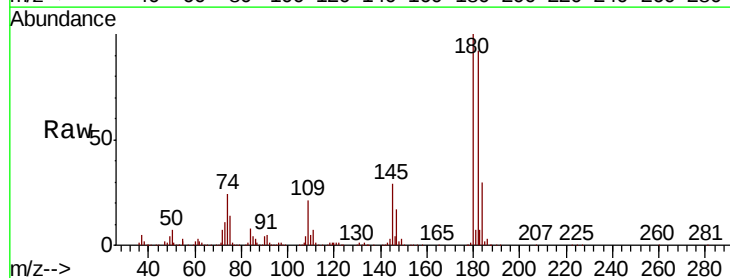
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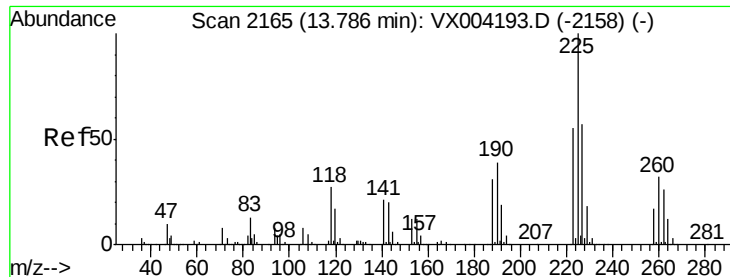
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.96 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.4	145.0
145	27.5	14.3	42.9





#94

Hexachlorobutadiene

Concen: 50.54 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX004313.D

Acq: 30 Aug 2018 01:11

Instrument :

MSVOA_X

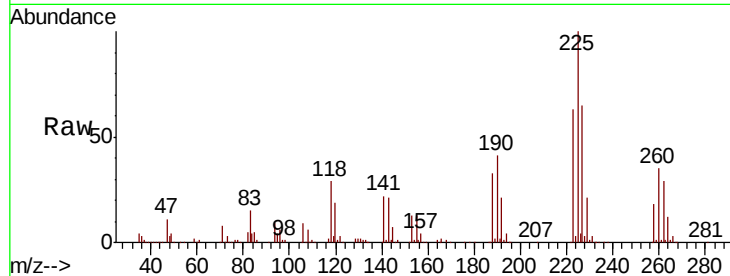
ClientSampleId :

CPA-CPMW05S-M12W4-082_18MS

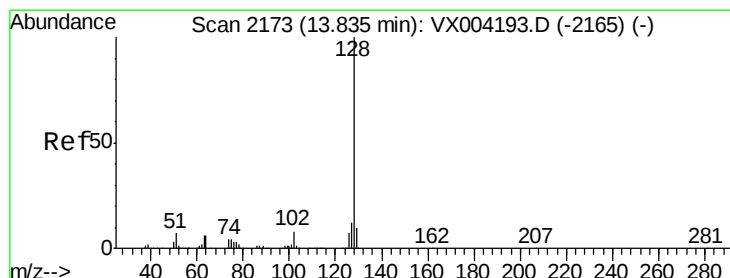
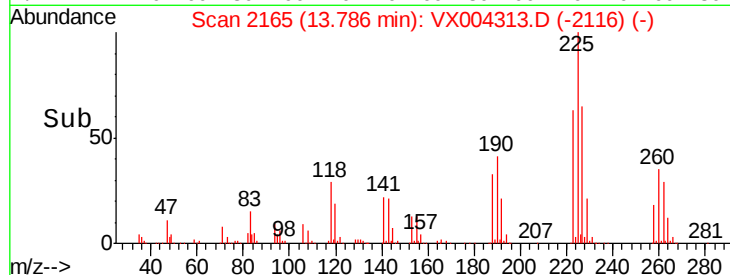
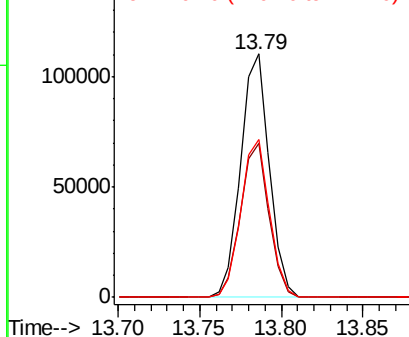
Tot Ion:	225	Resp:	135140
Ion Ratio		Lower	Upper
225	100		
223	62.9	30.1	90.5
227	64.7	30.8	92.4

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



#95

Naphthalene

Concen: 61.43 ug/l

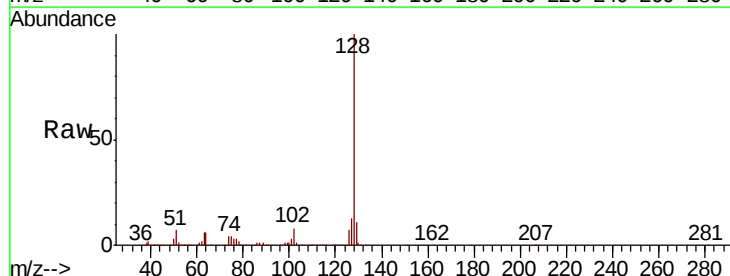
RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

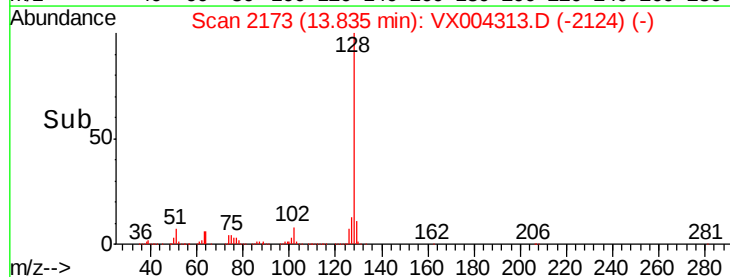
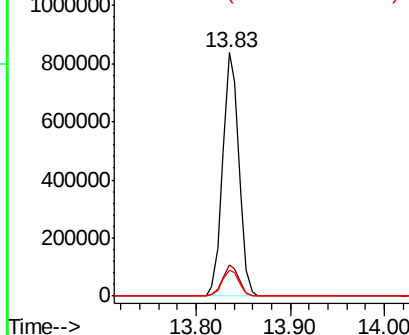
Lab File: VX004313.D

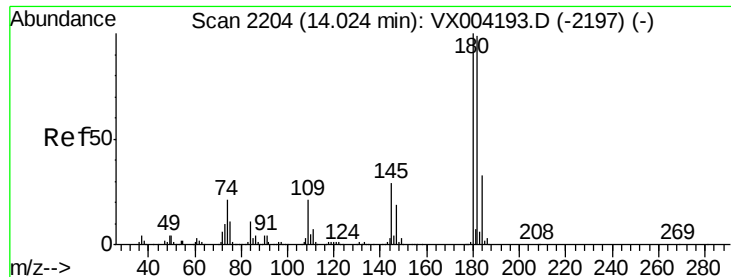
Acq: 30 Aug 2018 01:11

Tgt Ion:	128	Resp:	998534
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	12.8



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





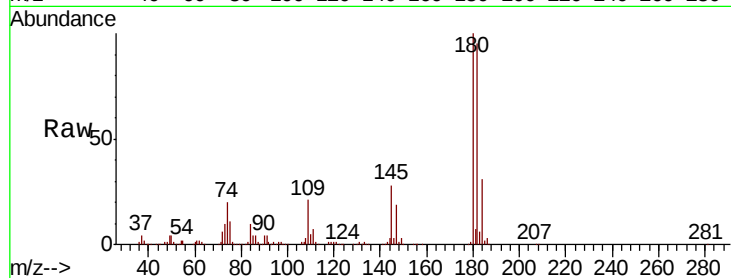
#96
 1,2,3-Trichlorobenzene
 Concen: 53.85 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX004313.D
 Acq: 30 Aug 2018 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082_18MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	48.5	145.6
145	29.4	14.9	44.9

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

