

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008709.D
 Acq On : 06 Apr 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:37:25 PM

Quant Time: Apr 08 03:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	219936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	351781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157796	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	116742	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.71	98	477489	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.13	95	175614	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122668	48.454	ug/l	99
3) Chloromethane	1.32	50	158636	51.169	ug/l	100
4) Vinyl Chloride	1.40	62	160232	46.820	ug/l	99
5) Bromomethane	1.64	94	78136	46.485	ug/l	99
6) Chloroethane	1.71	64	95543	51.191	ug/l	100
7) Trichlorofluoromethane	1.92	101	184674	48.816	ug/l	99
8) Diethyl Ether	2.18	74	85185	47.482	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	116947	48.014	ug/l	97
10) Methyl Iodide	2.51	142	110955	50.017	ug/l	99
11) Tert butyl alcohol	3.06	59	175635	233.866	ug/l	100
12) 1,1-Dichloroethene	2.37	96	114630	45.083	ug/l	97
13) Acrolein	2.29	56	113913	305.897	ug/l	99
14) Allyl chloride	2.72	41	281081	48.289	ug/l	99
15) Acrylonitrile	3.14	53	464126	233.282	ug/l	99
16) Acetone	2.44	43	522001	282.521	ug/l	99
17) Carbon Disulfide	2.56	76	354085	48.198	ug/l	100
18) Methyl Acetate	2.77	43	205777	45.921	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	448721	49.416	ug/l	99
20) Methylene Chloride	2.85	84	142231	45.989	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127747	46.448	ug/l	96
22) Diisopropyl ether	3.85	45	545819	48.651	ug/l	98
23) Vinyl Acetate	3.81	43	2430224	249.004	ug/l	99
24) 1,1-Dichloroethane	3.69	63	266721	48.018	ug/l	98
25) 2-Butanone	4.67	43	758027	259.574	ug/l	99
26) 2,2-Dichloropropane	4.58	77	201203	51.429	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	148528	46.972	ug/l	99
28) Bromochloromethane	5.01	49	140661	61.306	ug/l	100
29) Tetrahydrofuran	5.12	42	446873	230.555	ug/l	100
30) Chloroform	5.21	83	240701	48.517	ug/l	99
31) Cyclohexane	5.57	56	266757	48.129	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	199552	49.774	ug/l	100
36) 1,1-Dichloropropene	5.79	75	193690	50.370	ug/l	100
37) Ethyl Acetate	4.83	43	261805	51.007	ug/l	100
38) Carbon Tetrachloride	5.78	117	168112	52.822	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249805	52.588	ug/l	99
40) Benzene	6.13	78	578871	50.531	ug/l	99
41) Methacrylonitrile	5.04	41	148320	50.273	ug/l	99
42) 1,2-Dichloroethane	6.18	62	204280	49.741	ug/l	100
43) Isopropyl Acetate	6.44	43	422848	52.591	ug/l	99
44) Trichloroethene	7.21	130	136968	51.335	ug/l	96
45) 1,2-Dichloropropane	7.51	63	166016	50.774	ug/l	100
46) Dibromomethane	7.66	93	94173	49.659	ug/l	99
47) Bromodichloromethane	7.90	83	189669	53.045	ug/l	99
48) Methyl methacrylate	7.77	41	213171	52.412	ug/l	99
49) 1,4-Dioxane	7.74	88	74437	976.983	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1339463	258.789	ug/l	100
52) Toluene	8.78	92	351047	51.978	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	225182	56.221	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	245990	53.749	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	141473	52.185	ug/l	98
56) Ethyl methacrylate	9.18	69	267172	54.469	ug/l	99
57) 1,3-Dichloropropane	9.37	76	251808	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	652481	260.512	ug/l	99
59) 2-Hexanone	9.49	43	1063200	264.318	ug/l	100
60) Dibromochloromethane	9.58	129	141296	55.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146946	52.067	ug/l	100
64) Tetrachloroethene	9.34	164	120728	51.616	ug/l	98
65) Chlorobenzene	10.13	112	362774	51.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	130033	52.966	ug/l	98
67) Ethyl Benzene	10.25	91	684793	52.479	ug/l	98
68) m/p-Xylenes	10.35	106	502473	107.097	ug/l	98
69) o-Xylene	10.69	106	240883	52.978	ug/l	99
70) Styrene	10.71	104	425797	54.327	ug/l	100
71) Bromoform	10.85	173	104204	55.575	ug/l #	100
73) Isopropylbenzene	11.02	105	646378	52.044	ug/l	100
74) N-amyl acetate	10.90	43	364946	49.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	224592	47.549	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198689m	48.261	ug/l	
77) Bromobenzene	11.25	156	153487	51.407	ug/l	99
78) n-propylbenzene	11.36	91	767508	53.074	ug/l	100
79) 2-Chlorotoluene	11.42	91	445331	50.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	547961	52.560	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81534	54.592	ug/l	99
82) 4-Chlorotoluene	11.51	91	519984	51.332	ug/l	99
83) tert-Butylbenzene	11.77	119	521406	51.985	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	556131	52.682	ug/l	99
85) sec-Butylbenzene	11.94	105	632154	53.061	ug/l	99
86) p-Isopropyltoluene	12.06	119	575689	53.837	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272412	50.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	275108	50.828	ug/l	100
89) n-Butylbenzene	12.38	91	551111	54.956	ug/l	99
90) Hexachloroethane	12.60	117	96828	54.595	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	267185	50.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49823	47.950	ug/l	99

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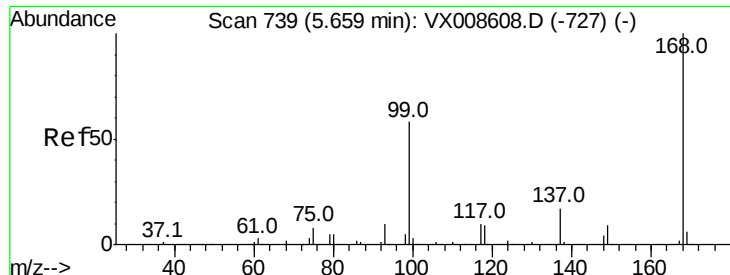
Manual Integrations
APPROVED

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4/9/2019 1:37:25 PM

Quant Time: Apr 08 03:02:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194989	52.843	ug/l	99
94) Hexachlorobutadiene	13.78	225	96841	54.724	ug/l	100
95) Naphthalene	13.83	128	628645	50.974	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193756	52.555	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 219936

Ion Ratio Lower Upper

168 100

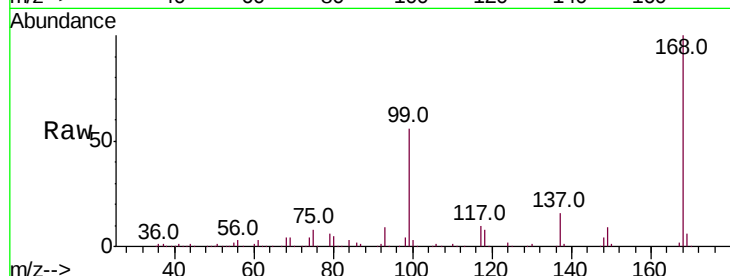
99 56.0 46.7 70.1

Manual Integrations

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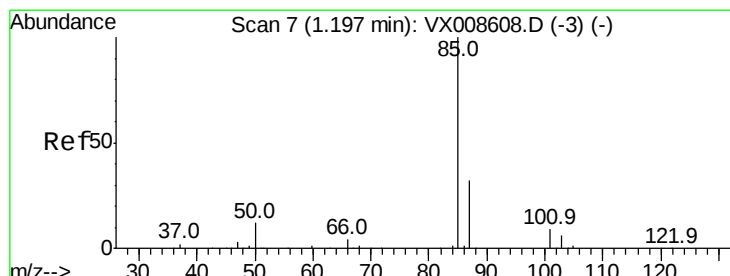
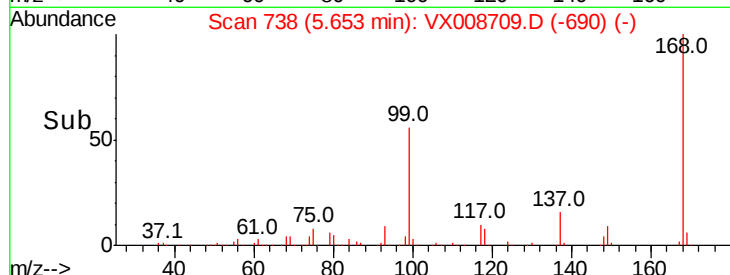
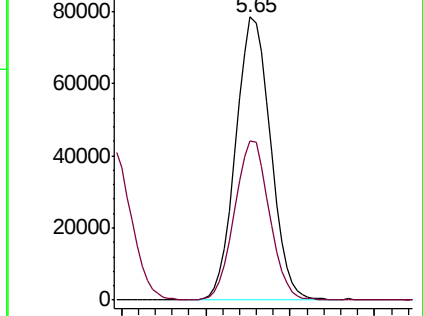
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.454 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008709.D

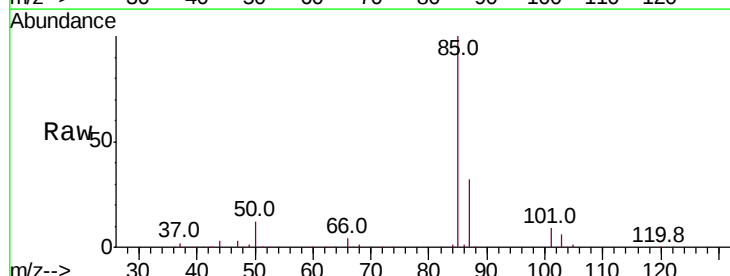
Acq: 06 Apr 2019 10:21

Tgt Ion: 85 Resp: 122668

Ion Ratio Lower Upper

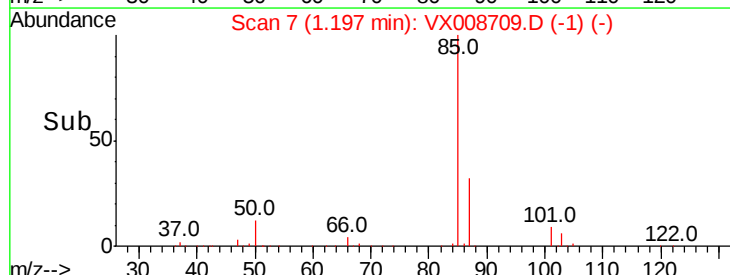
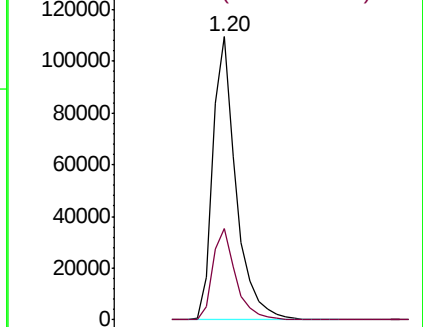
85 100

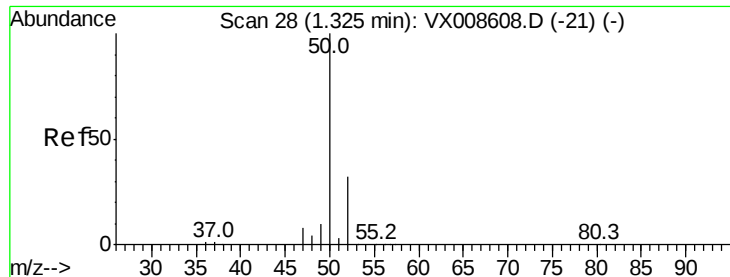
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.169 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 158636

Ion Ratio Lower Upper

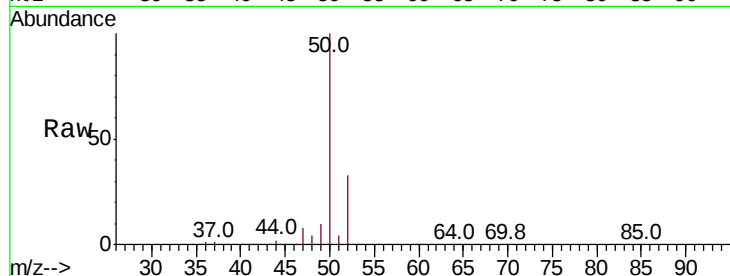
50 100

52 32.5 25.8 38.8

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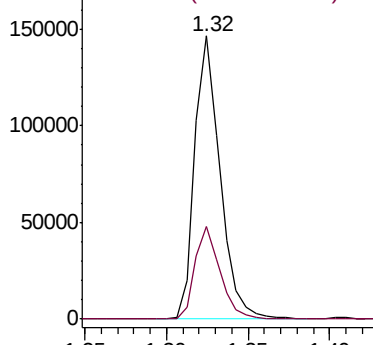
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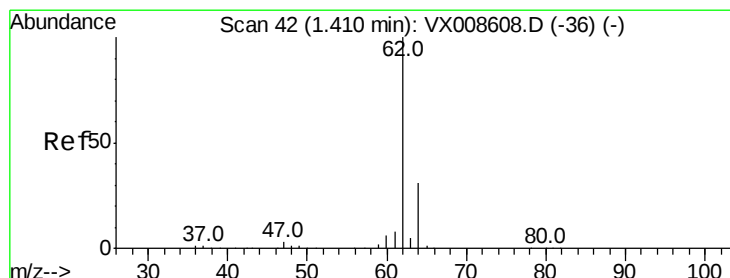
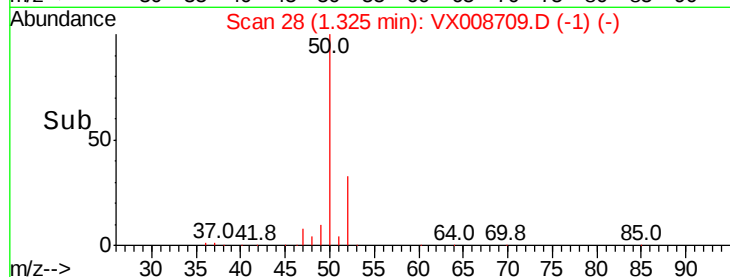


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.820 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008709.D

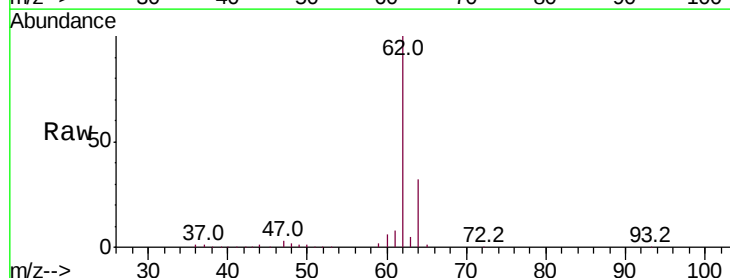
Acq: 06 Apr 2019 10:21

Tgt Ion: 62 Resp: 160232

Ion Ratio Lower Upper

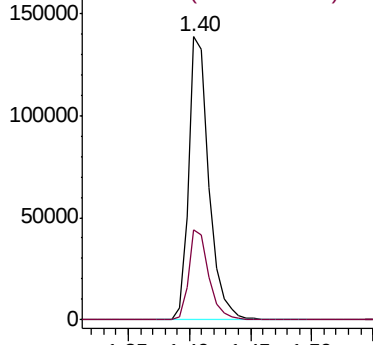
62 100

64 31.7 24.7 37.1

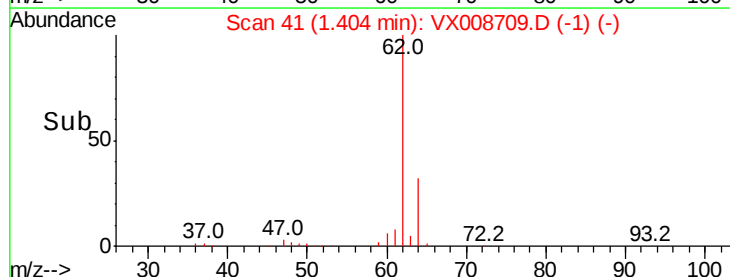


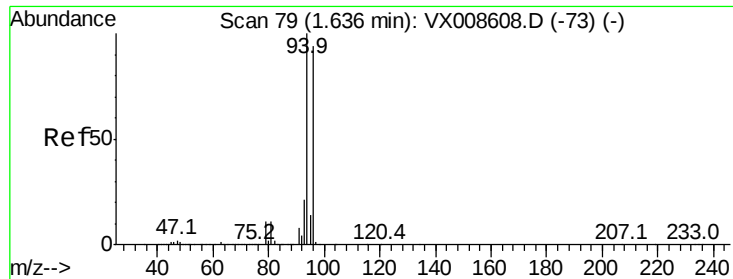
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 46.485 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78136

Ion Ratio Lower Upper

94 100

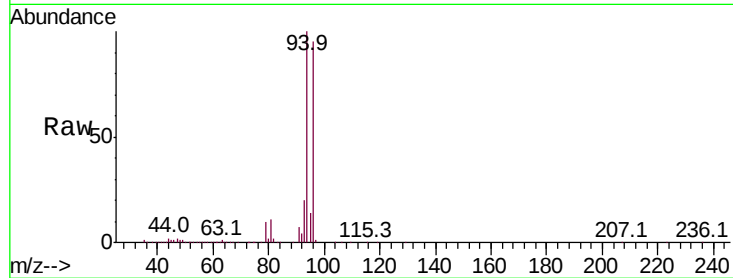
96 95.1 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

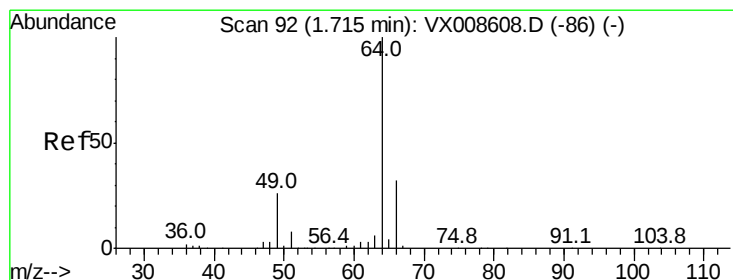
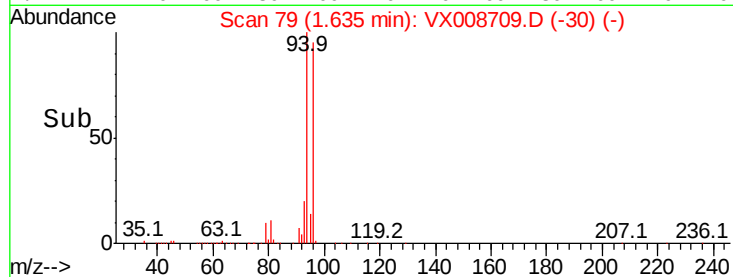
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 51.191 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008709.D

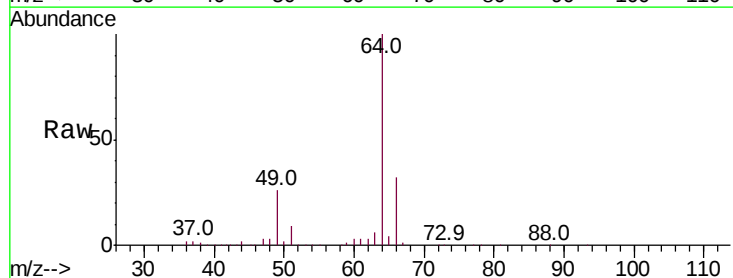
Acq: 06 Apr 2019 10:21

Tgt Ion: 64 Resp: 95543

Ion Ratio Lower Upper

64 100

66 31.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

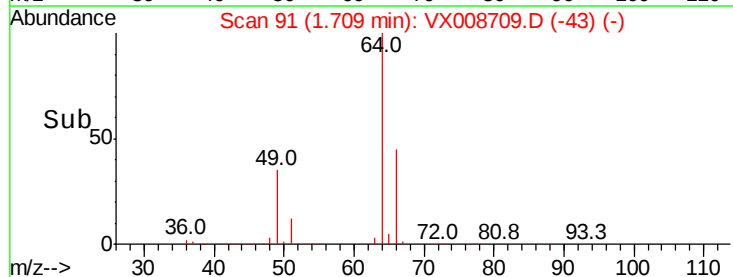
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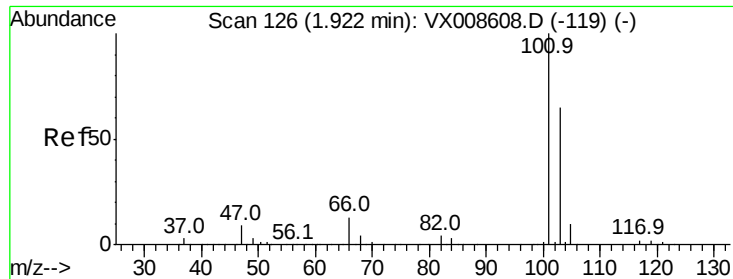
40000

20000

0

Time-->





#7

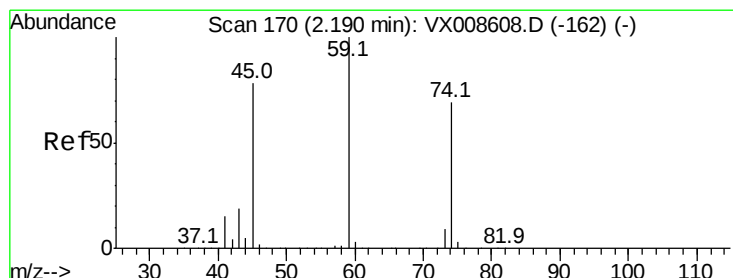
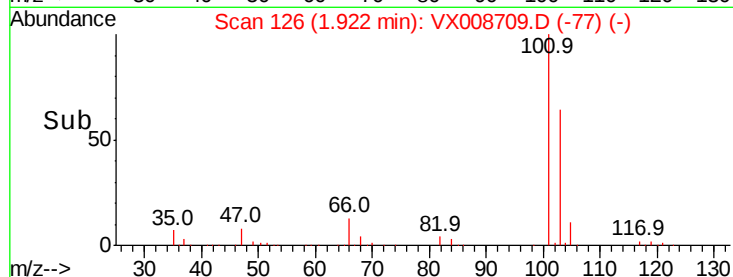
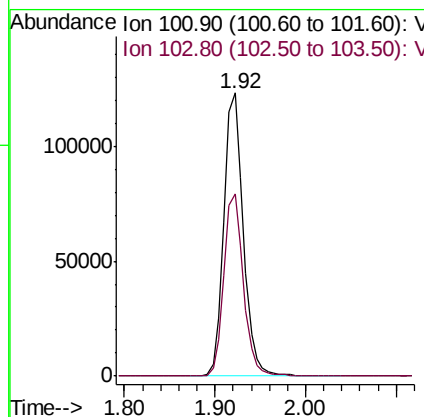
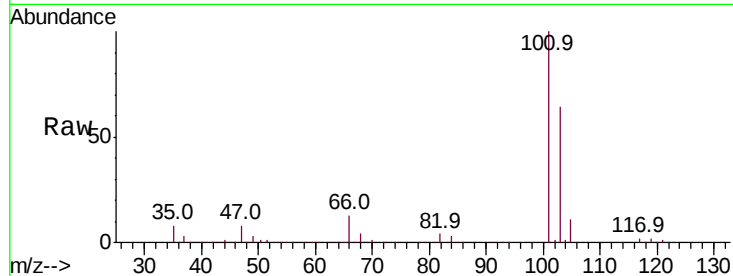
Trichlorofluoromethane
 Concen: 48.816 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.3	78.5

Manual Integrations
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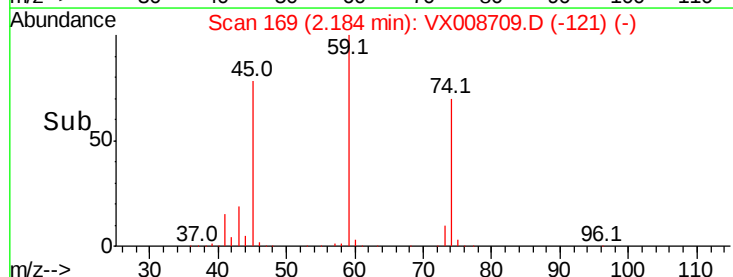
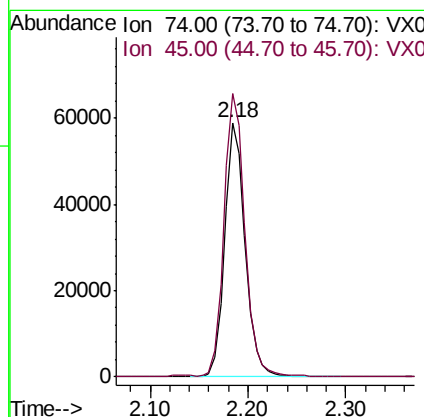
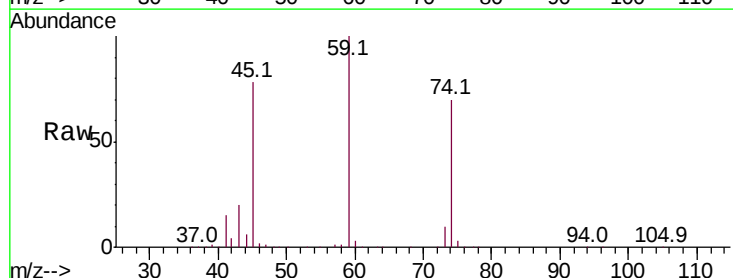
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 4/9/2019 1:37:25 PM

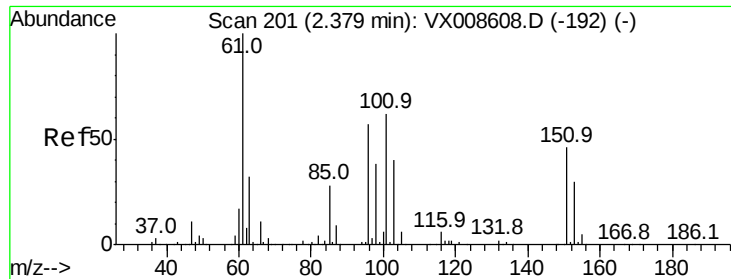


#8

Diethyl Ether
 Concen: 47.482 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.5	56.5	169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.014 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

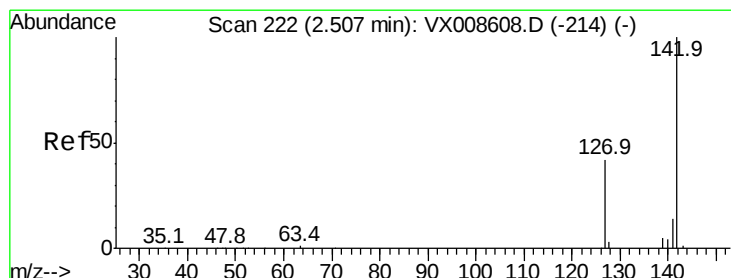
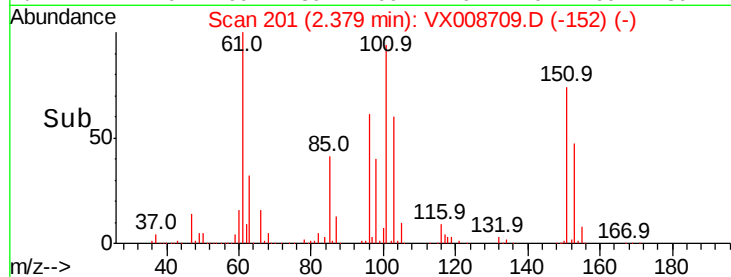
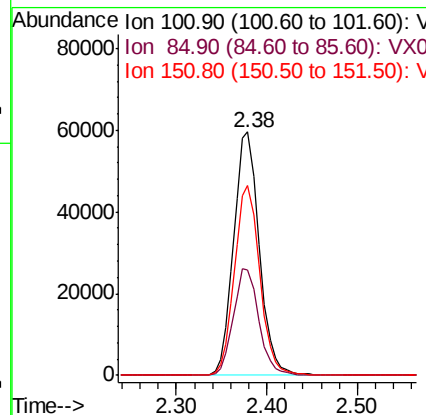
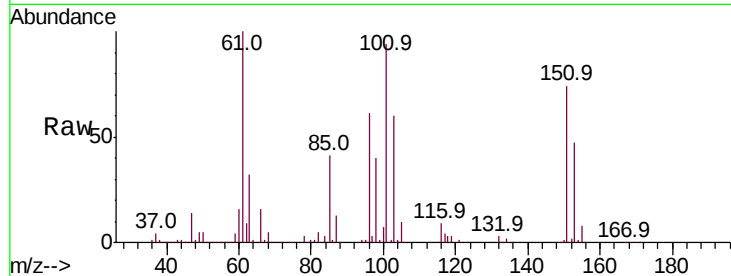
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116947
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.0	54.0
151	77.5	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.017 ug/l

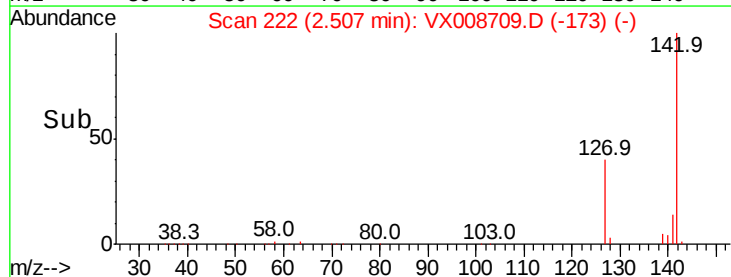
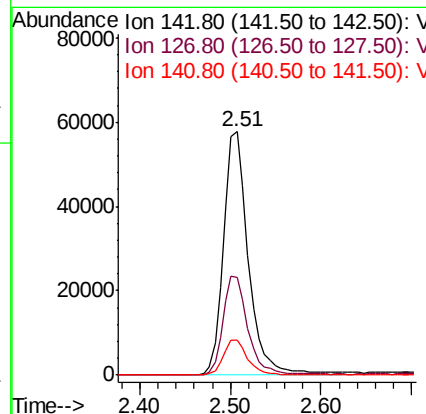
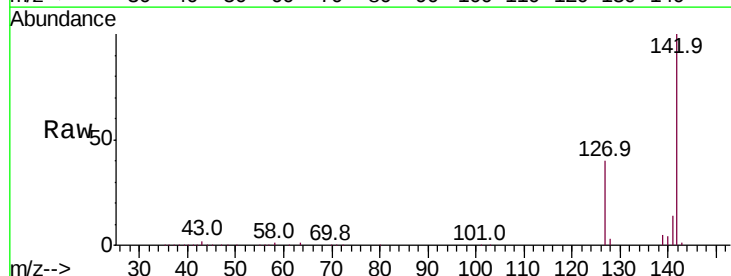
RT: 2.51 min Scan# 222

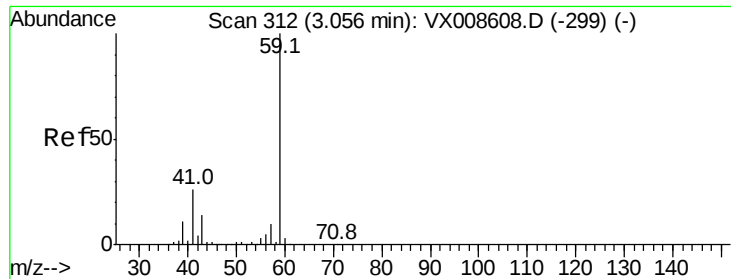
Delta R.T. 0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	142	Resp:	110955
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.0	49.6
141	14.0	11.4	17.2





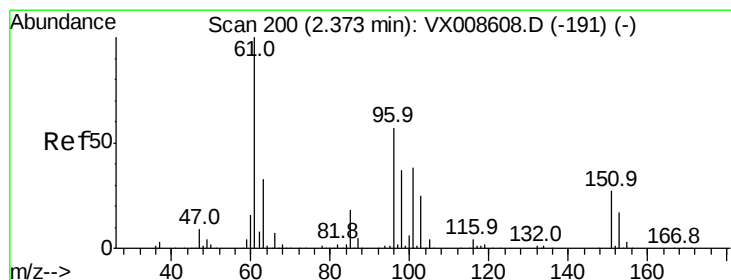
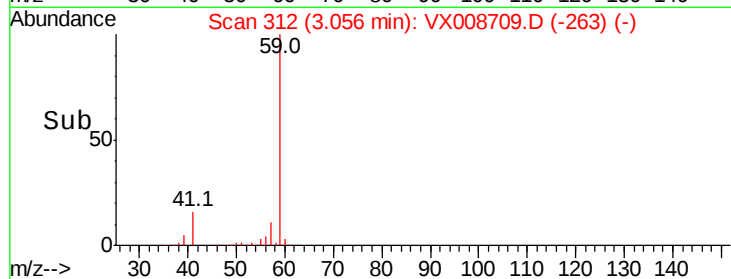
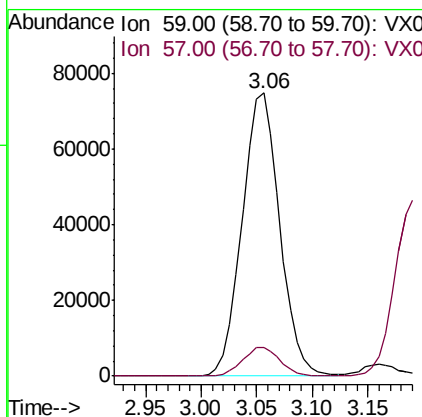
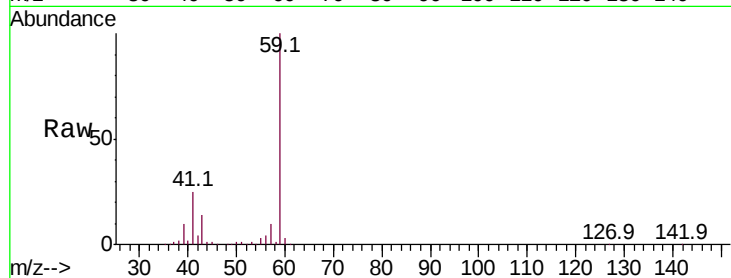
#11
Tert butyl alcohol
Concen: 233.866 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	175635
Ion Ratio	100	Lower	Upper
57	10.3	8.3	12.5

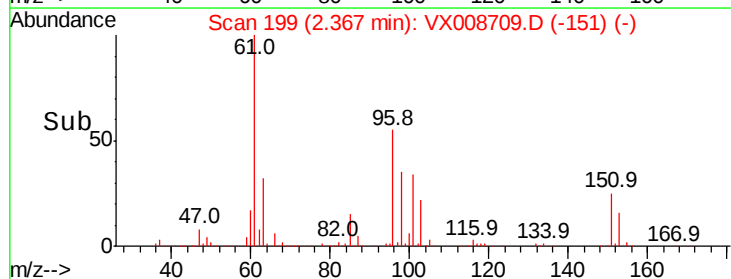
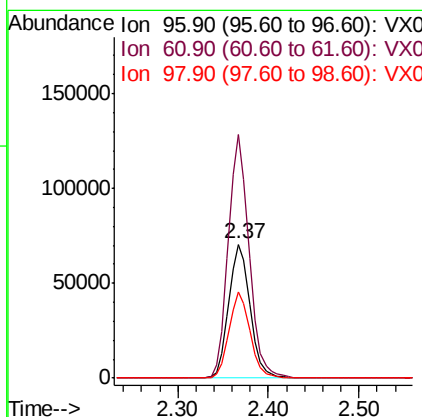
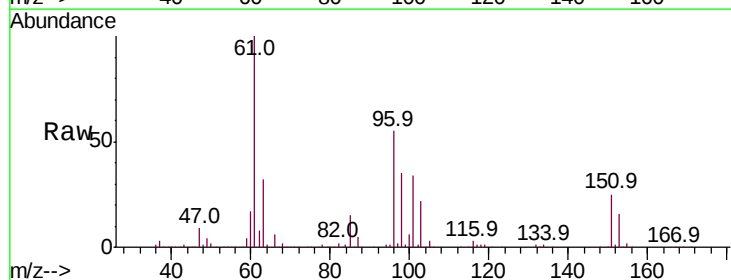
Manual Integrations
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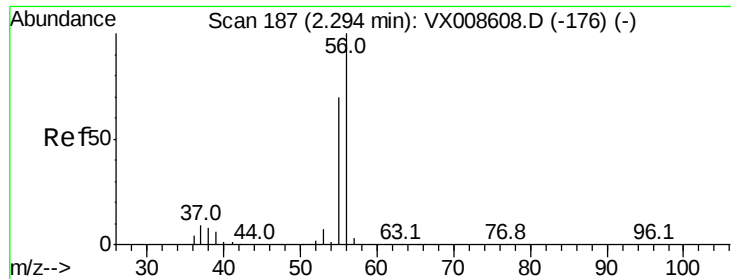
MMDadoda
4/9/2019 1:37:25 PM



#12
1,1-Dichloroethene
Concen: 45.083 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	96	Resp	114630
Ion Ratio	100	Lower	Upper
61	182.3	140.9	211.3
98	64.5	52.1	78.1





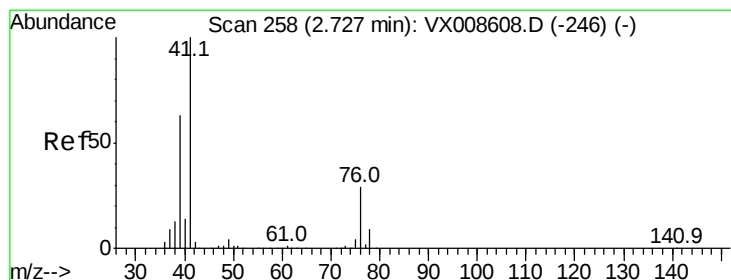
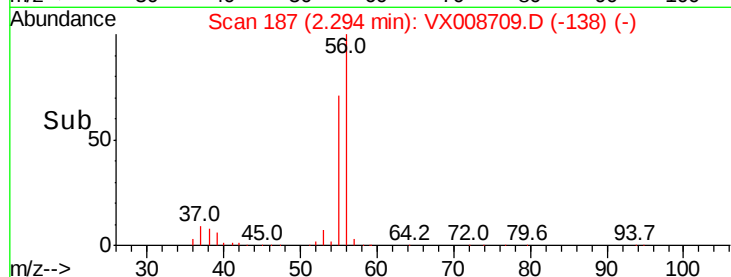
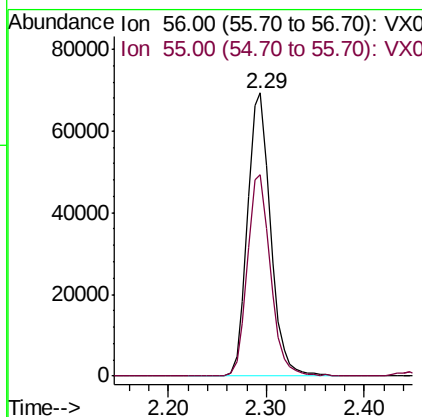
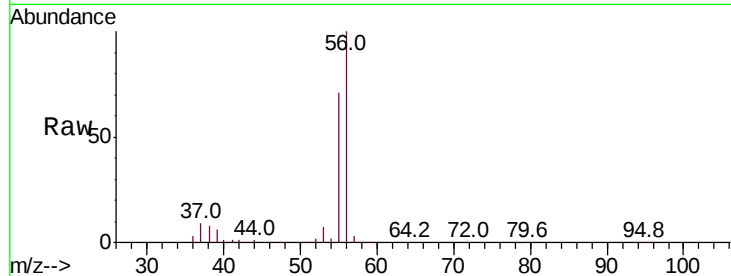
#13
Acrolein
Concen: 305.897 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	58.0	87.0

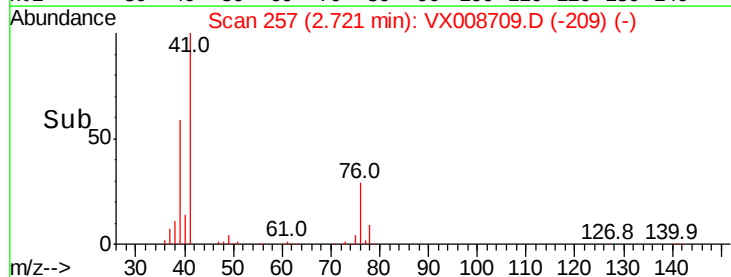
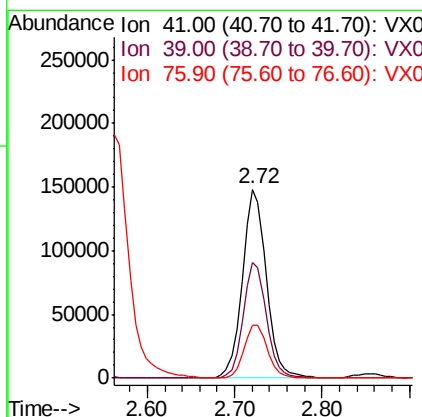
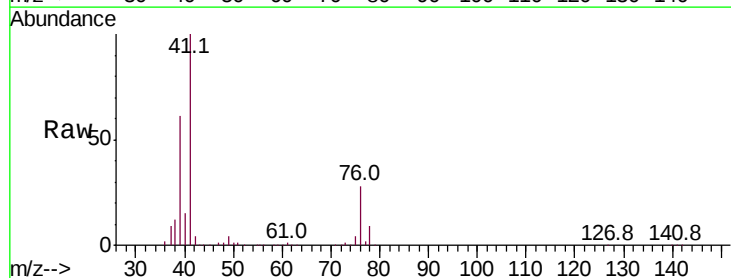
Manual Integrations
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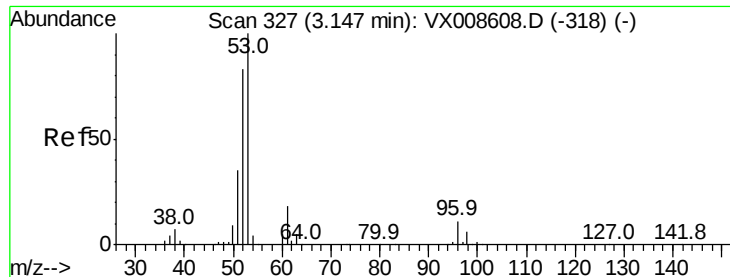
MMDadoda
4/9/2019 1:37:25 PM



#14
Allyl chloride
Concen: 48.289 ug/l
RT: 2.72 min Scan# 257
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	48.0	72.0
76	27.6	22.0	33.0





#15

Acrylonitrile

Concen: 233.282 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

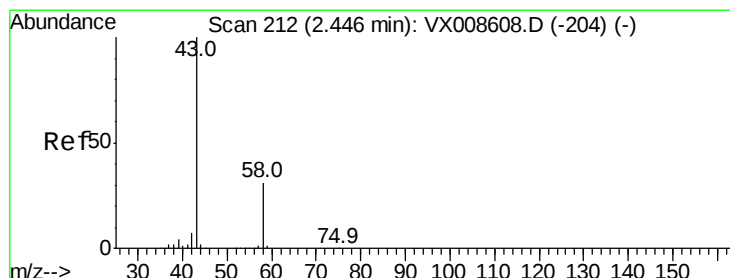
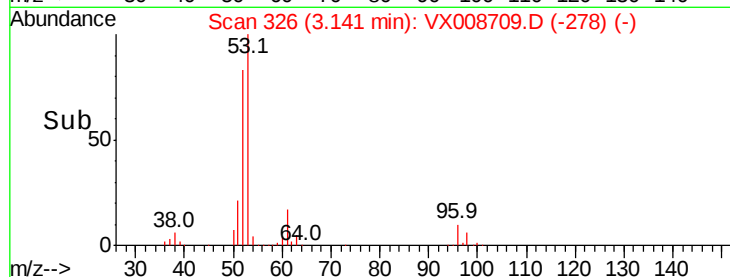
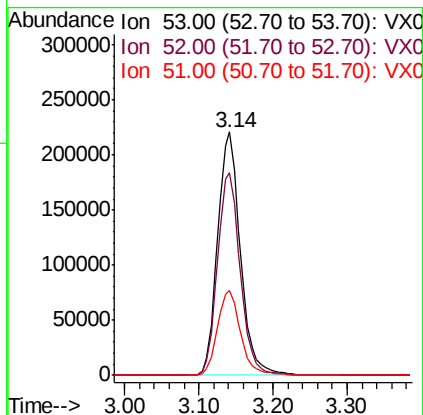
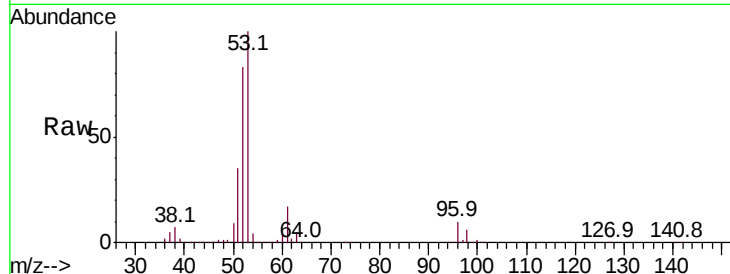
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	464126
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.5	99.7
51	35.5	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 282.521 ug/l

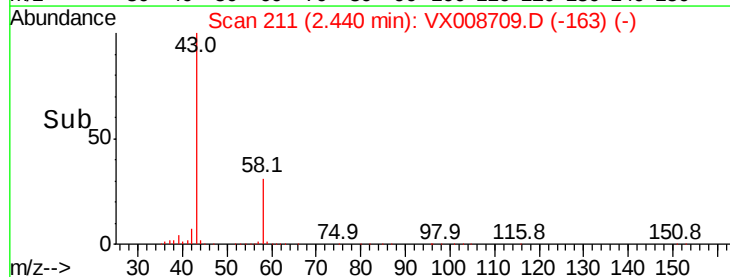
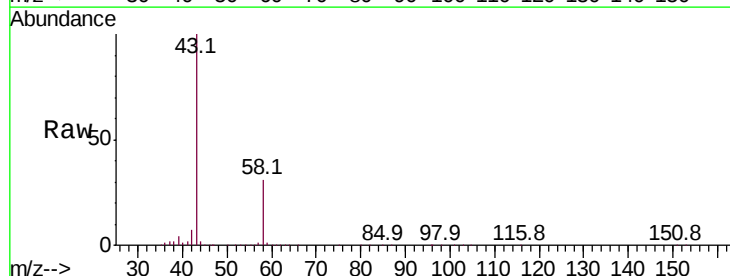
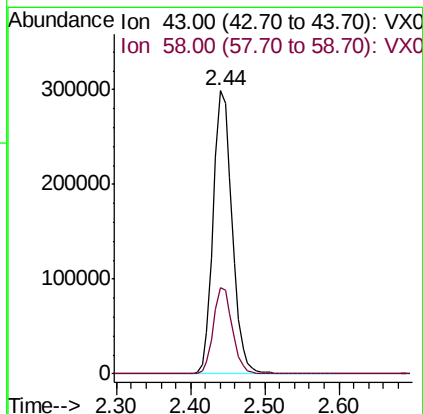
RT: 2.44 min Scan# 211

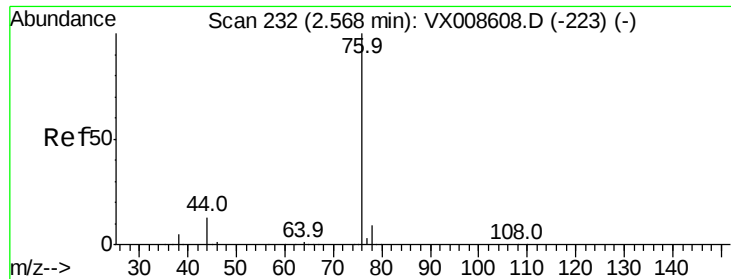
Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	43	Resp:	522001
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.8	37.2





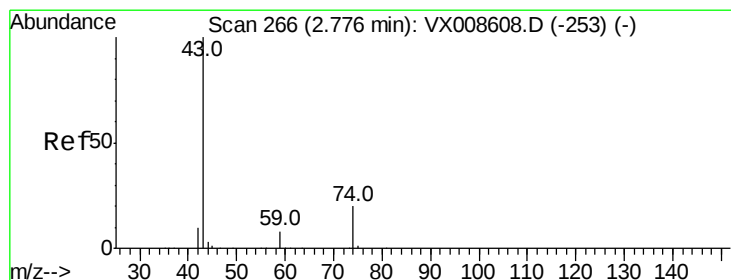
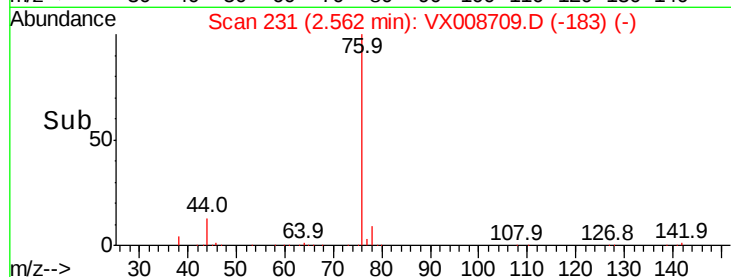
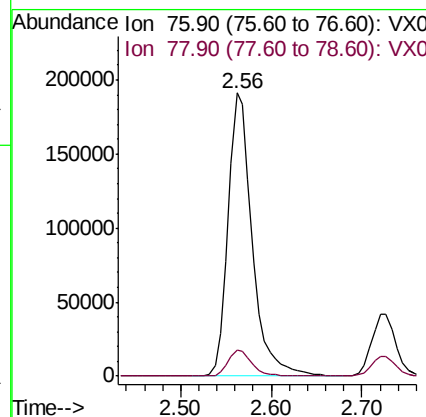
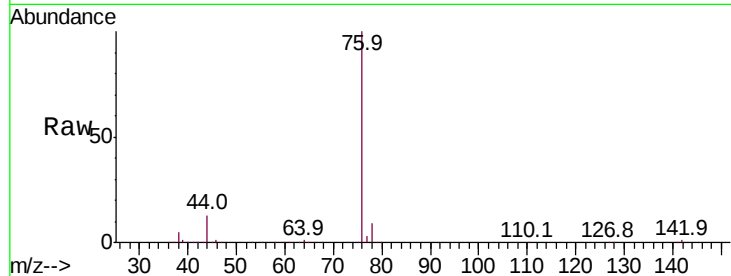
#17
Carbon Disulfide
Concen: 48.198 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

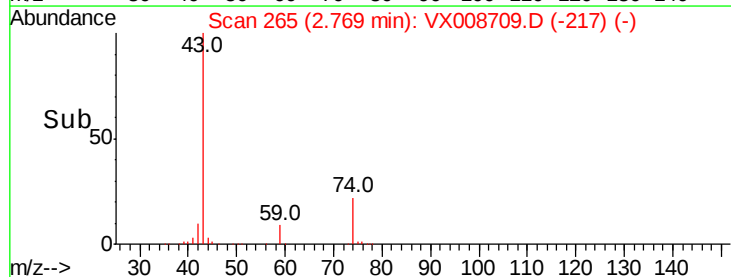
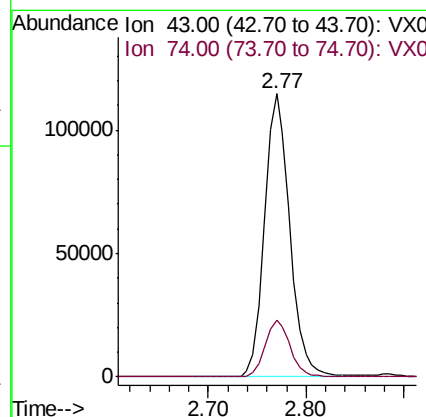
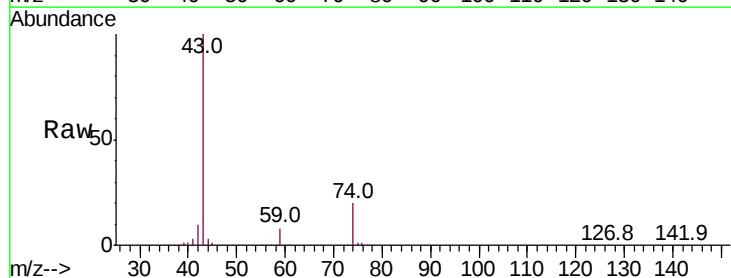
Manual Integrations
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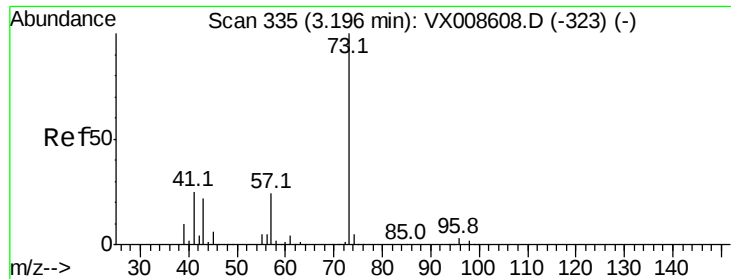
MMDadoda
4/9/2019 1:37:25 PM



#18
Methyl Acetate
Concen: 45.921 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.5	24.7





#19

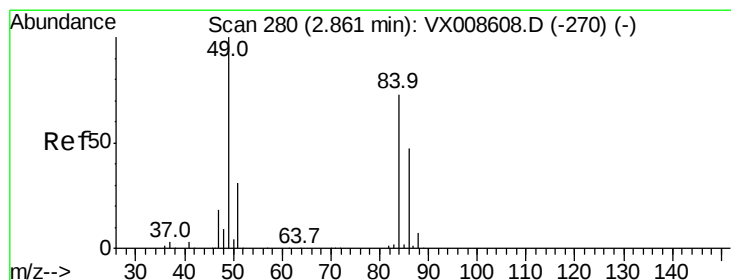
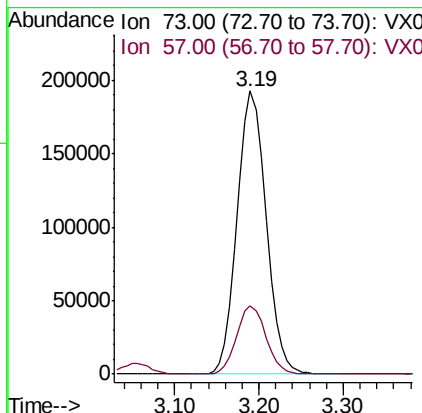
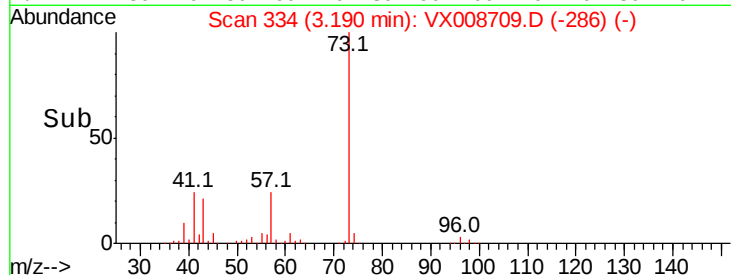
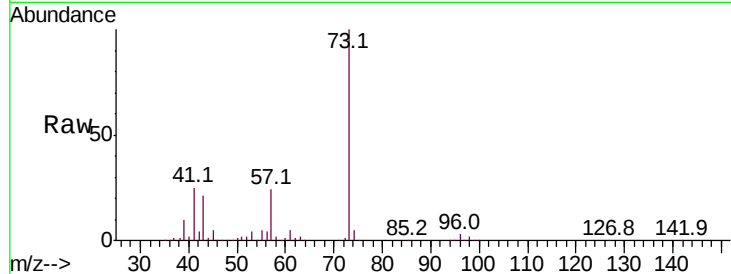
Methyl tert-butyl Ether
 Concen: 49.416 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	448721
Ion Ratio	Lower	Upper	
73	100		
57	24.0	19.5	29.3

Manual Integrations
 APPROVED

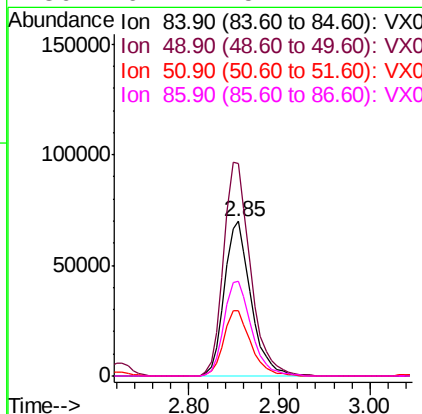
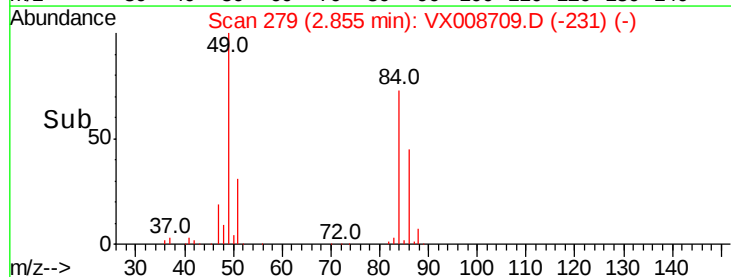
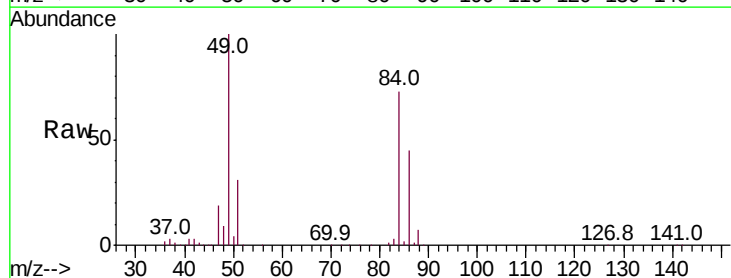
MMDadoda
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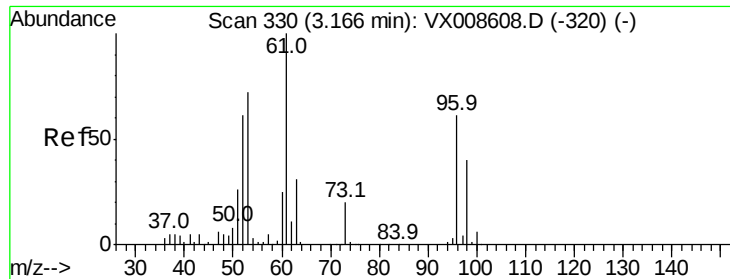


#20

Methylene Chloride
 Concen: 45.989 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	84	Resp	142231
Ion Ratio	Lower	Upper	
84	100		
49	137.1	109.7	164.5
51	42.1	33.6	50.4
86	61.4	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 46.448 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 127747

Ion Ratio Lower Upper

96 100

61 158.0 132.1 198.1

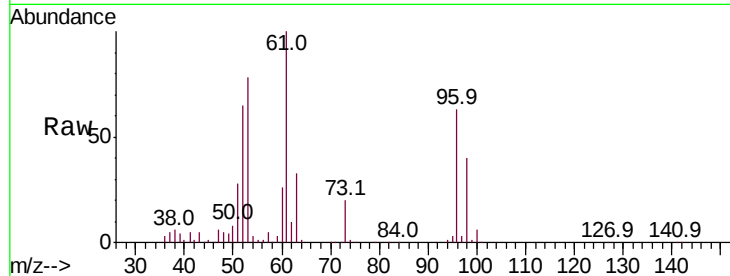
98 63.3 52.2 78.2

Manual Integrations

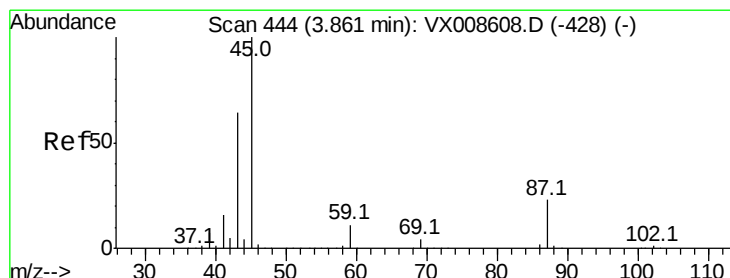
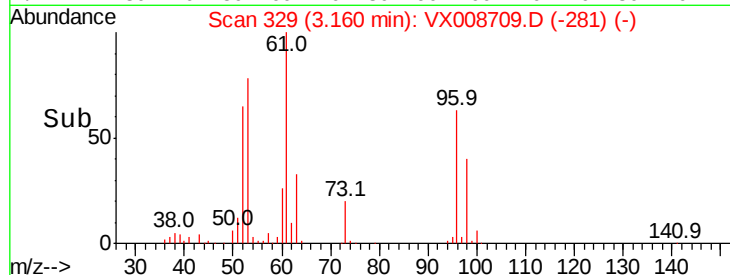
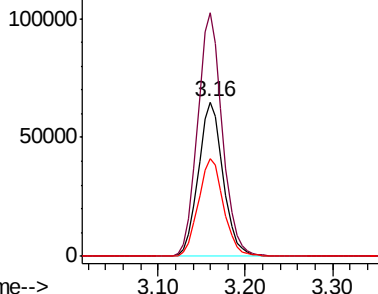
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.651 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion: 45 Resp: 545819

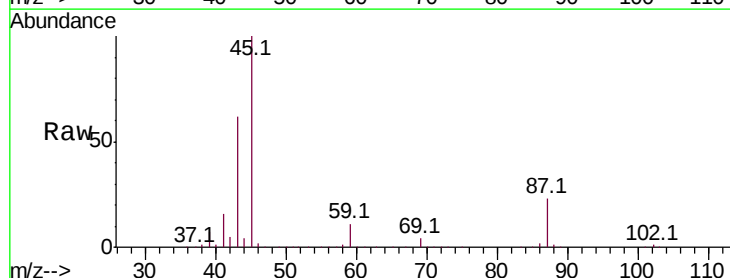
Ion Ratio Lower Upper

45 100

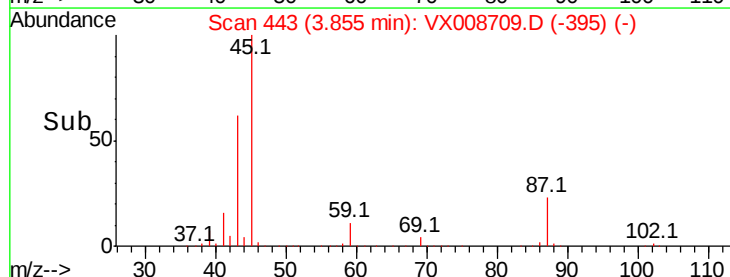
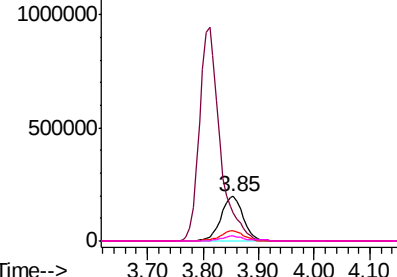
43 61.9 51.3 76.9

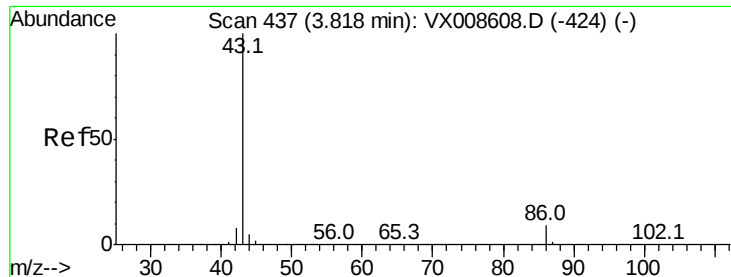
87 22.7 18.1 27.1

59 11.0 8.6 13.0



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





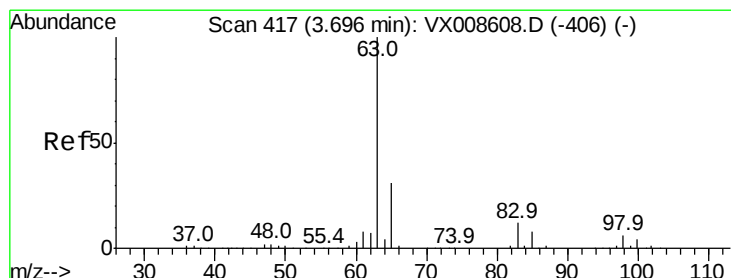
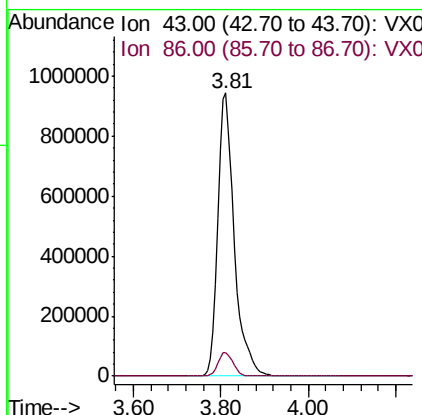
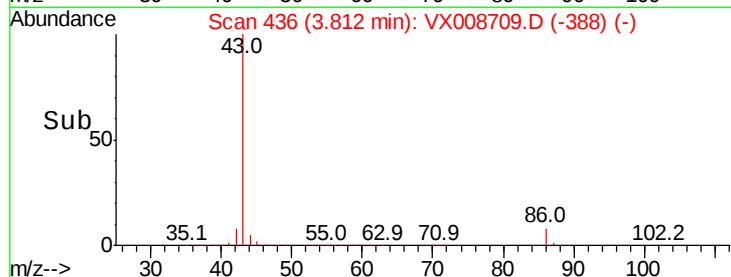
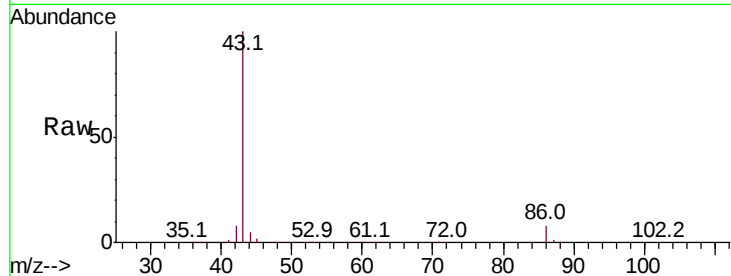
#23
 Vinyl Acetate
 Concen: 249.004 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2430224
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.0 10.6

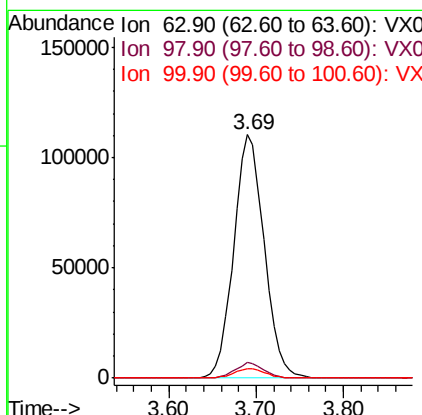
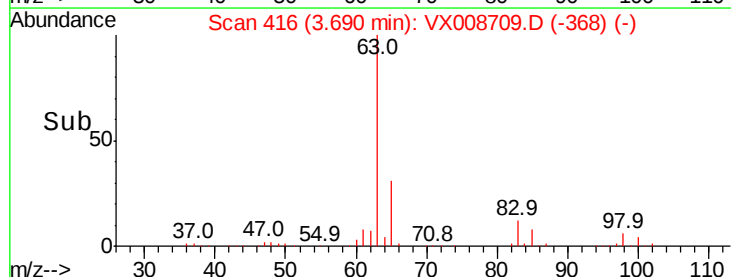
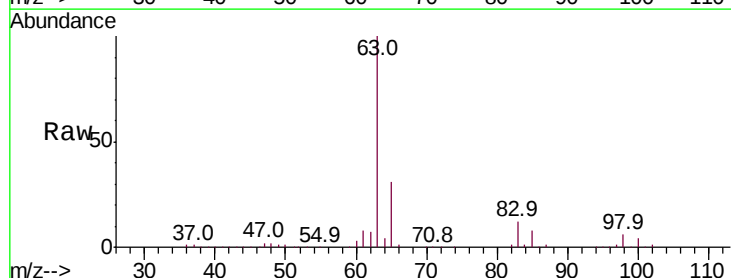
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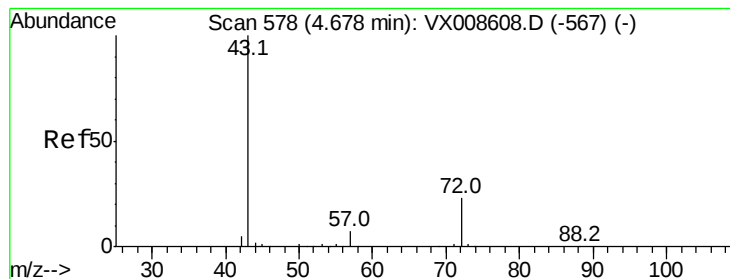
MMDadoda
 4/9/2019 1:37:25 PM



#24
 1,1-Dichloroethane
 Concen: 48.018 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion: 63 Resp: 266721
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.8 8.4
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 259.574 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 758027

Ion Ratio Lower Upper

43 100

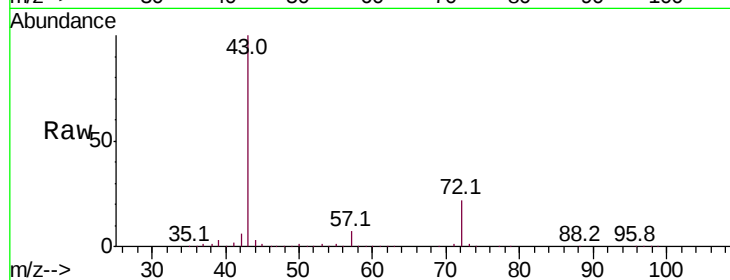
72 22.4 18.2 27.4

Manual Integrations

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MMDadoda

4/9/2019 1:37:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

250000

200000

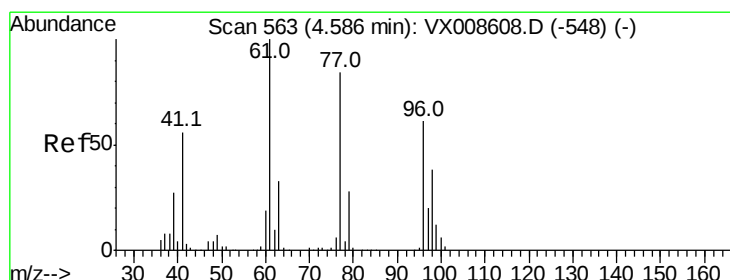
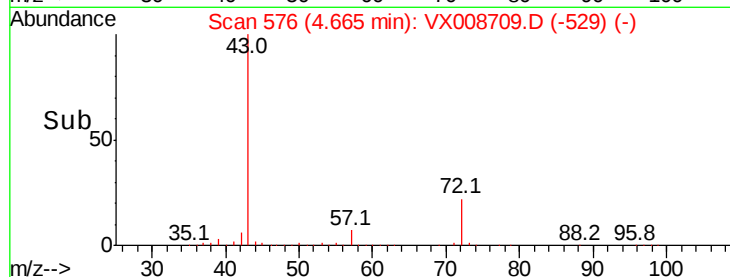
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 51.429 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008709.D

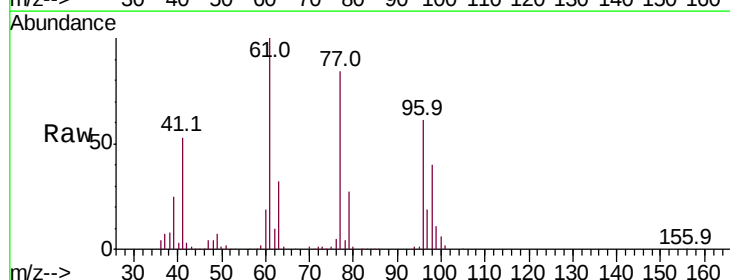
Acq: 06 Apr 2019 10:21

Tgt Ion: 77 Resp: 201203

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

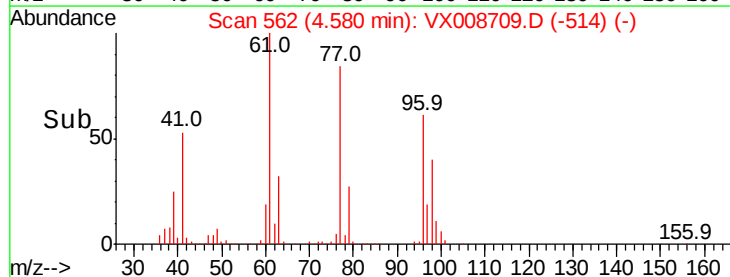
60000

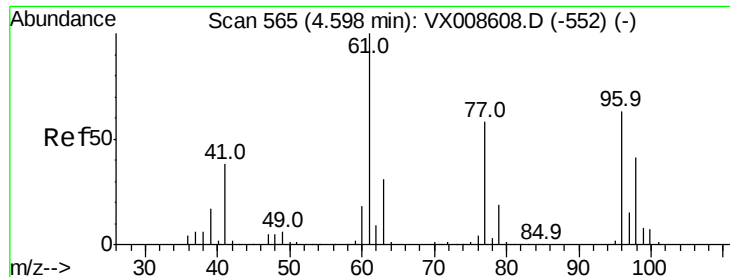
40000

20000

0

Time-->





#27

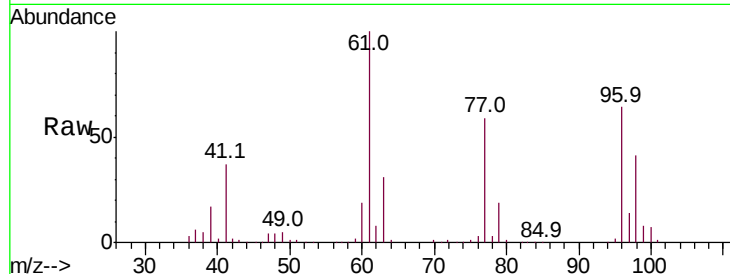
cis-1,2-Dichloroethene
Concen: 46.972 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	327.6
98	65.0	0.0	128.6

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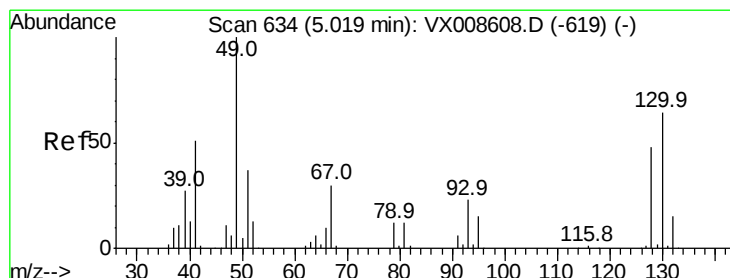
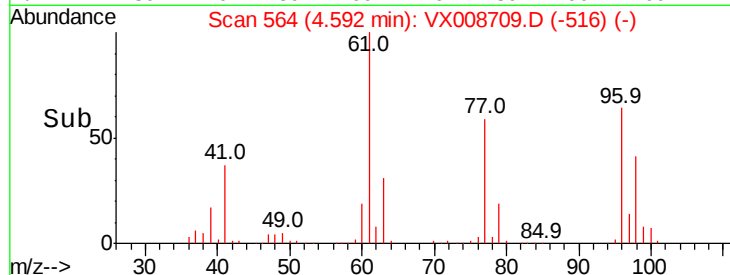
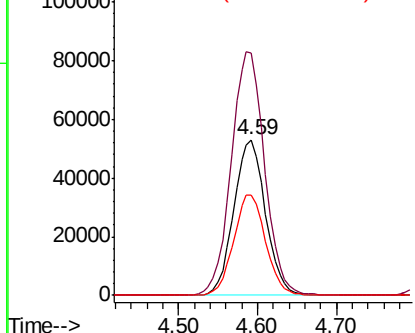


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

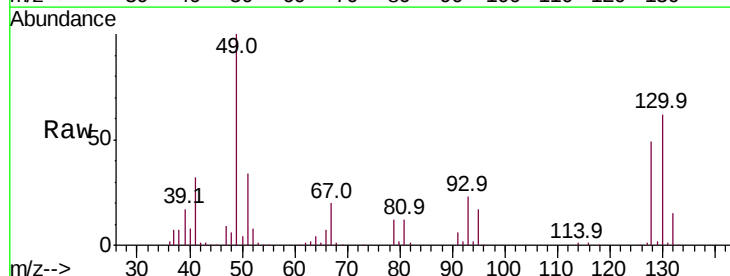
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 61.306 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	61.3	49.3	73.9

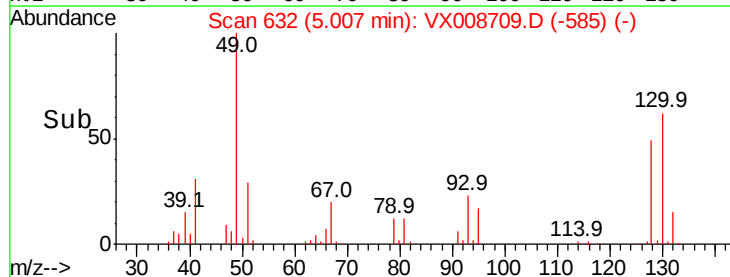
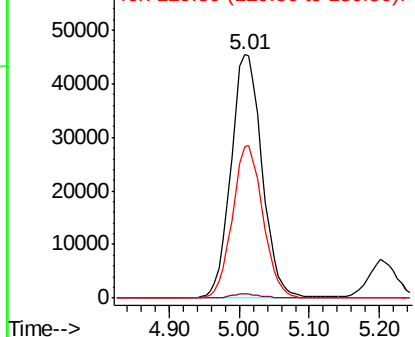


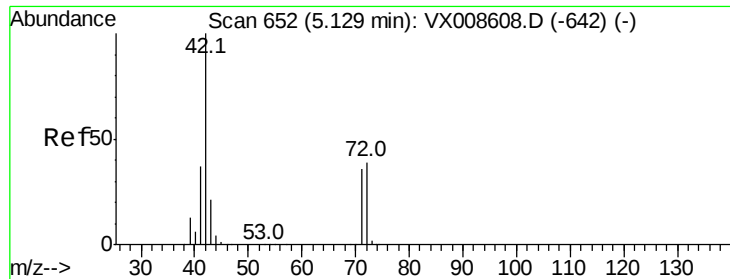
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





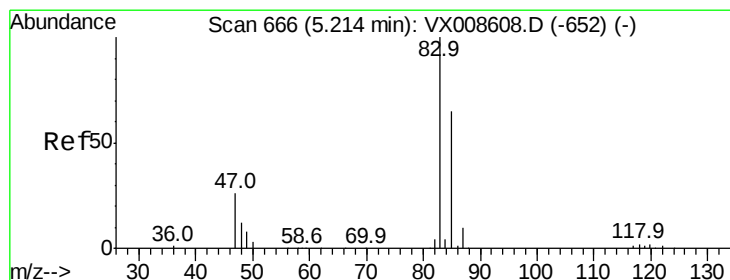
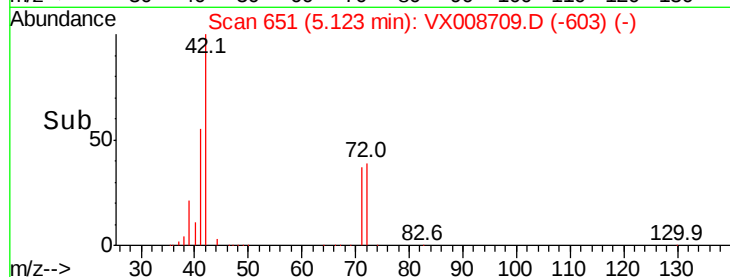
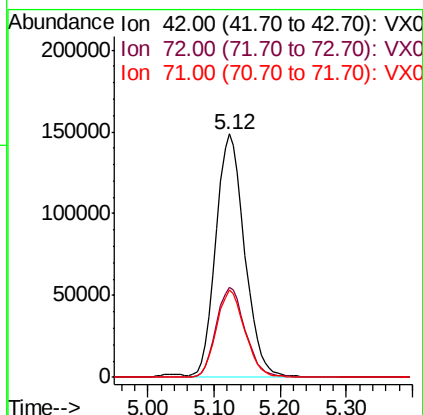
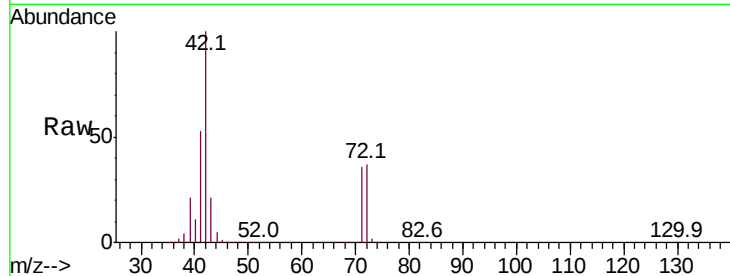
#29
Tetrahydrofuran
Concen: 230.555 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.5	45.7
71	35.7	28.6	43.0

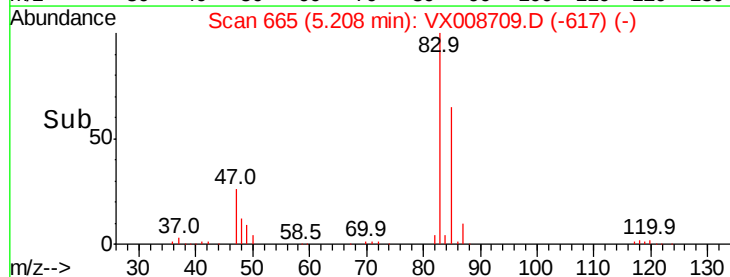
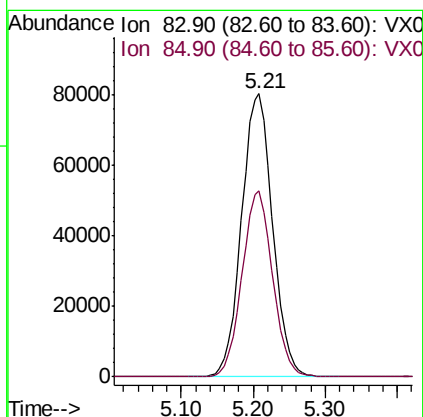
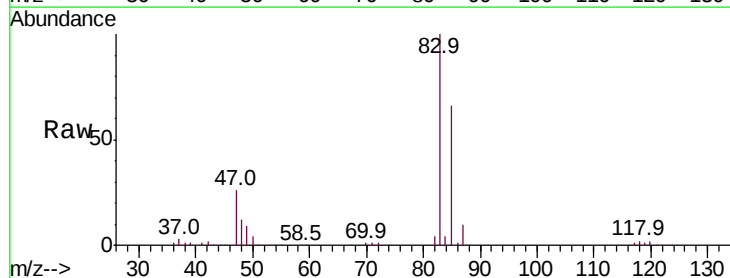
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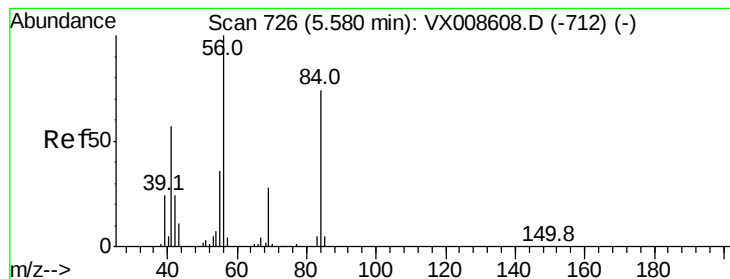
MMDadoda
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#30
Chloroform
Concen: 48.517 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.1	78.1





#31

Cyclohexane

Concen: 48.129 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

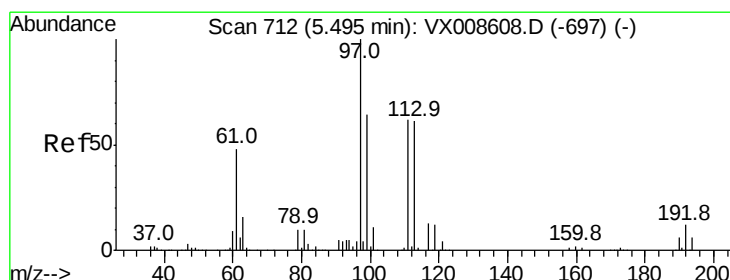
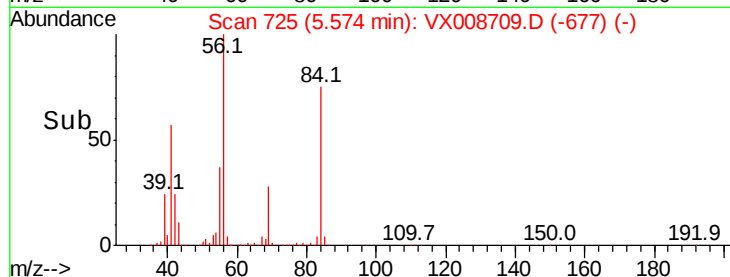
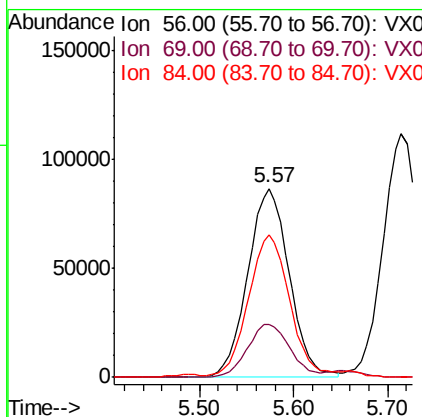
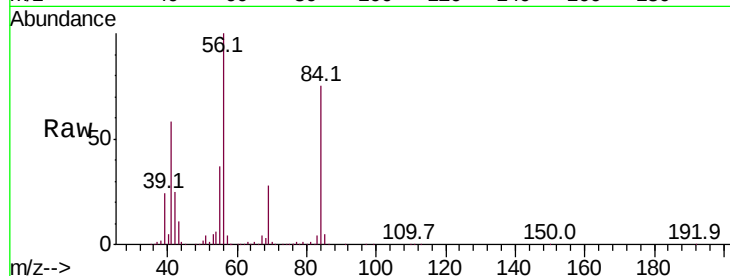
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	266757
Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.6	33.8
84	74.1	59.3	88.9

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#32

1,1,1-Trichloroethane

Concen: 49.774 ug/l

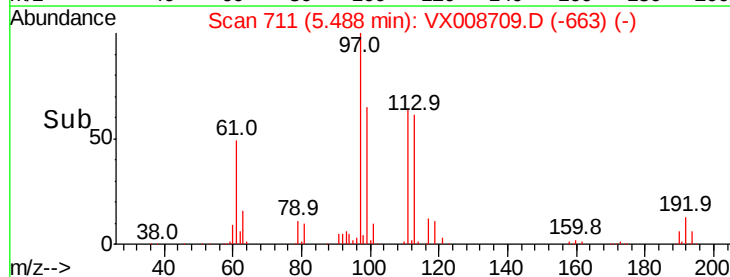
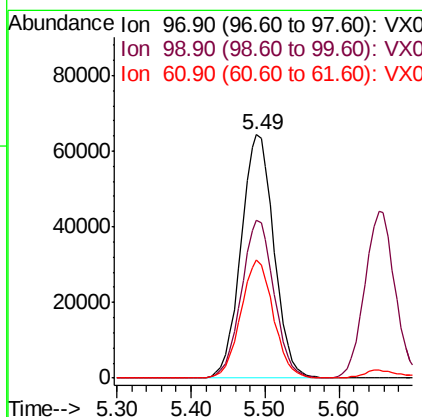
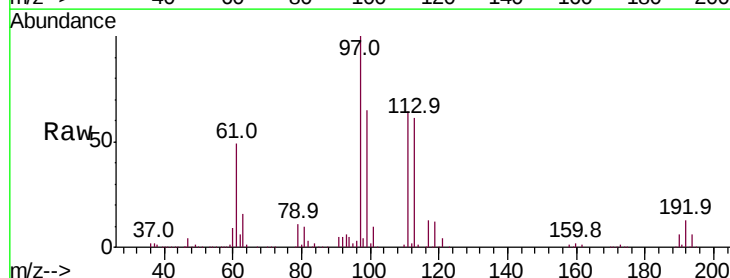
RT: 5.49 min Scan# 711

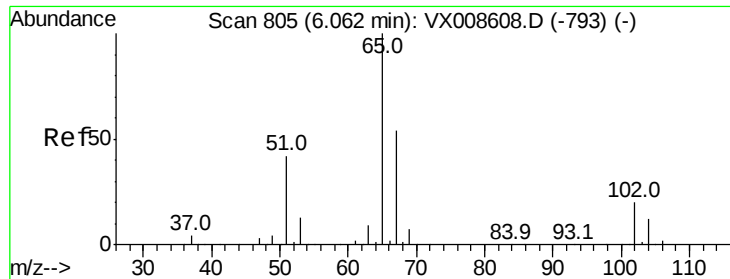
Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	97	Resp:	199552
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	48.2	38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 49.190 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

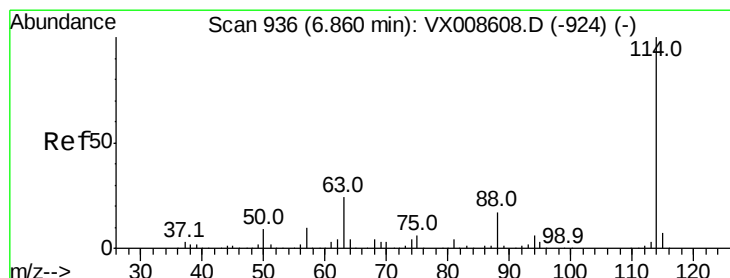
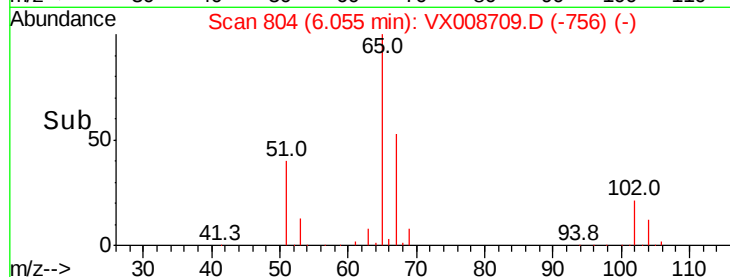
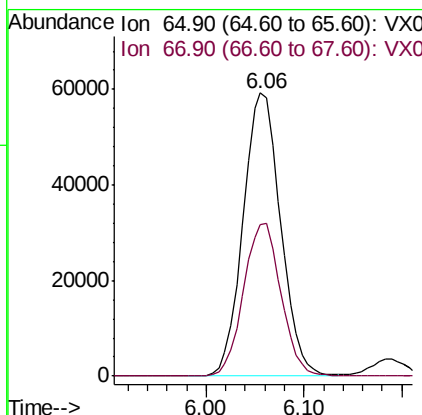
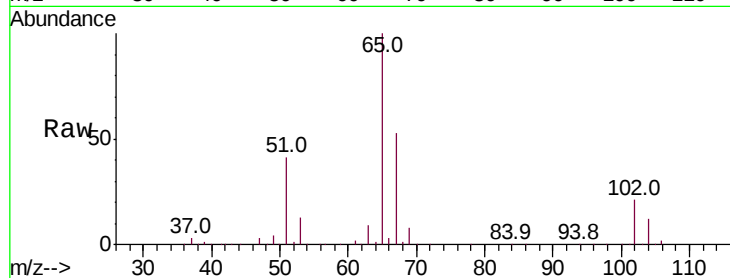
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 65 Resp: 157796

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

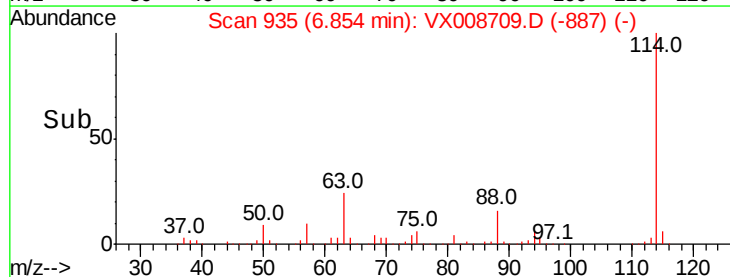
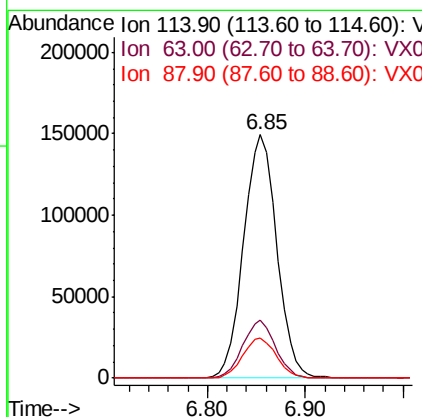
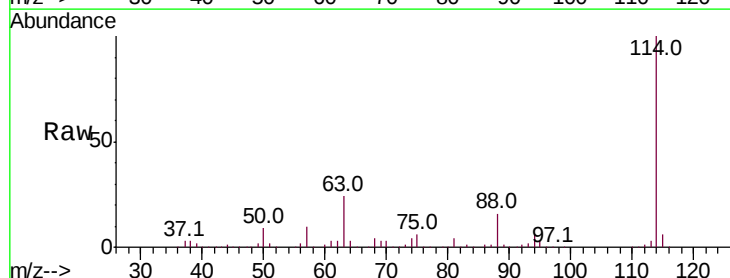
Delta R.T. -0.01 min

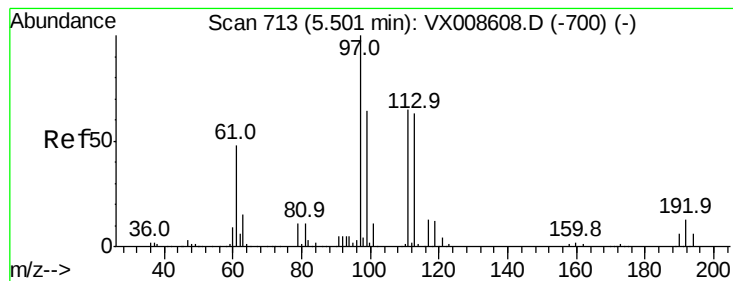
Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion: 114 Resp: 351781

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	47.2
88	16.4	0.0	34.0





#35

Dibromofluoromethane

Concen: 51.905 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

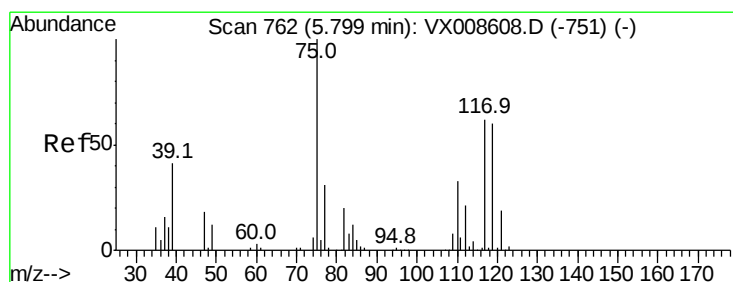
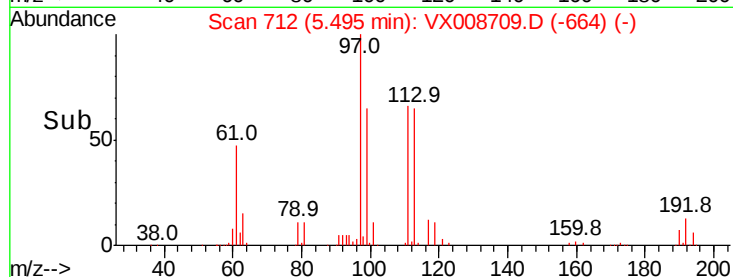
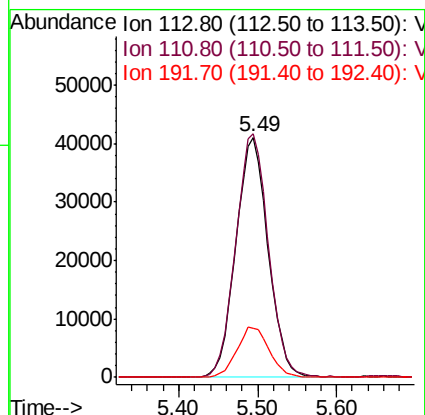
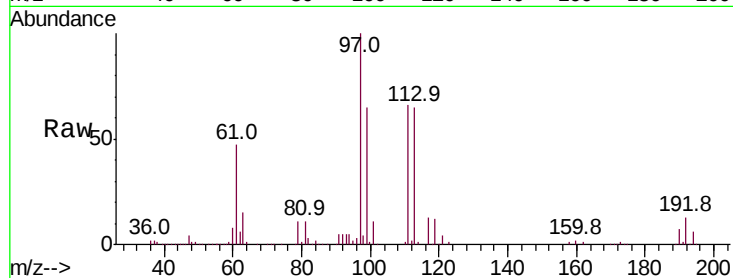
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	116742
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.4	125.2
192	20.9	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 50.370 ug/l

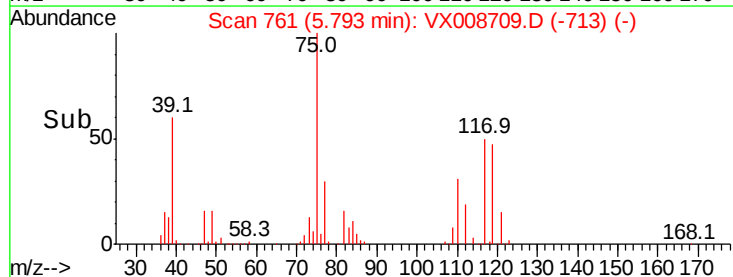
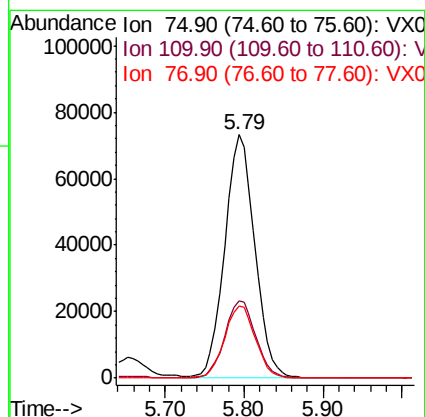
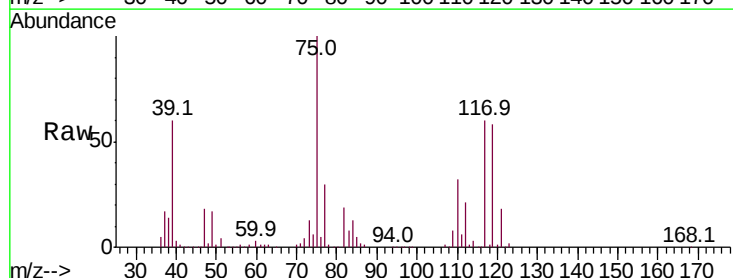
RT: 5.79 min Scan# 761

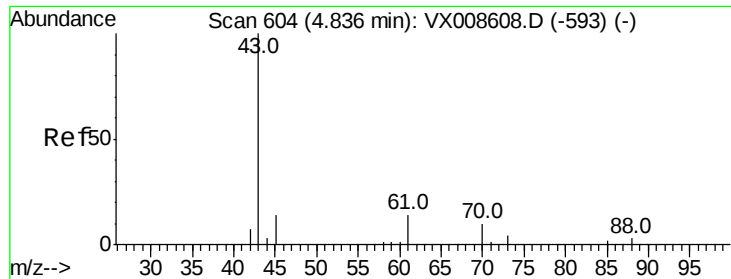
Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	75	Resp:	193690
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.4	49.2
77	30.8	24.7	37.1





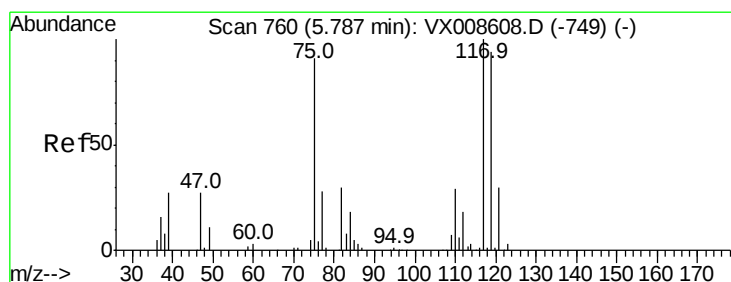
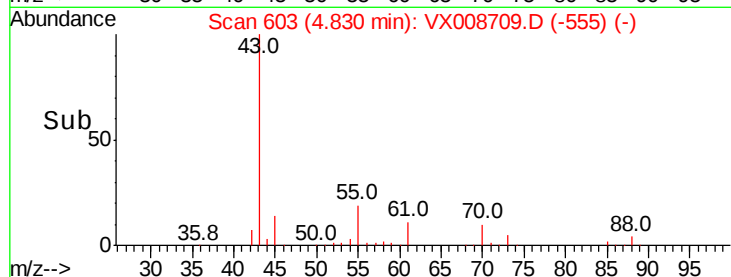
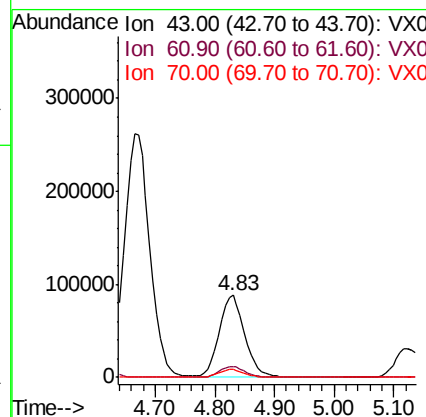
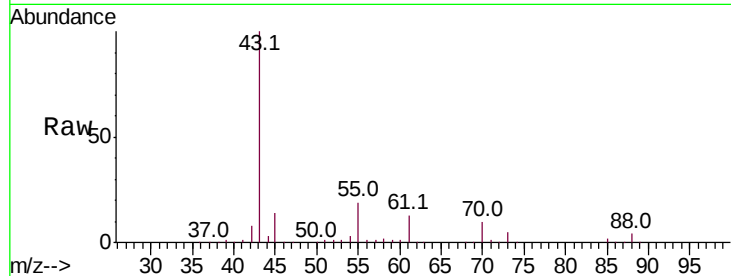
#37
Ethyl Acetate
Concen: 51.007 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.3	15.5
70	9.6	7.6	11.4

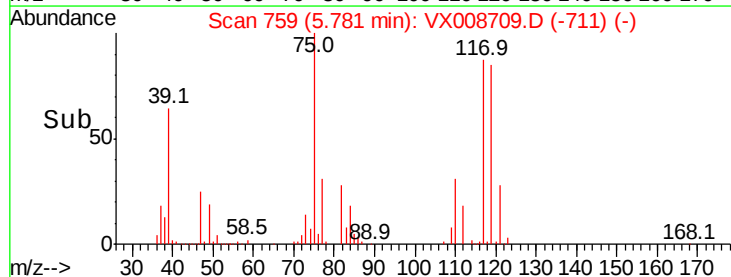
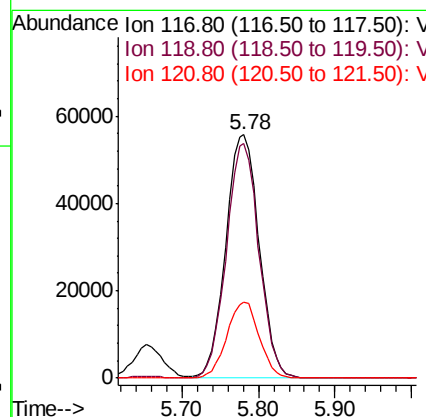
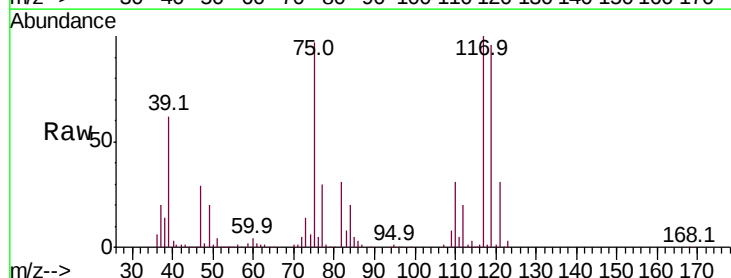
Manual Integrations
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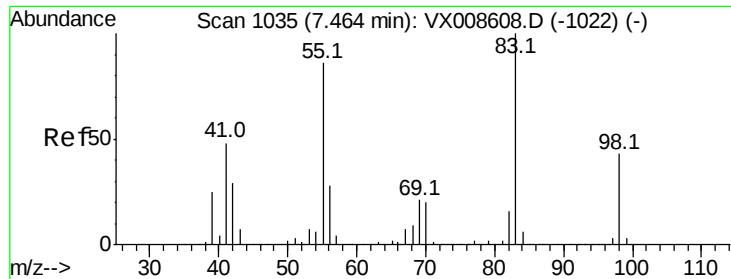
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.822 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.0	112.6
121	31.2	24.3	36.5





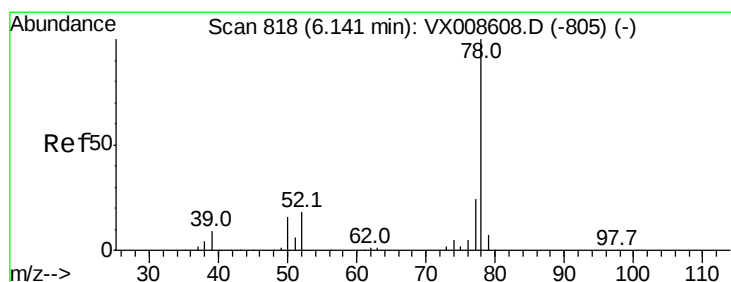
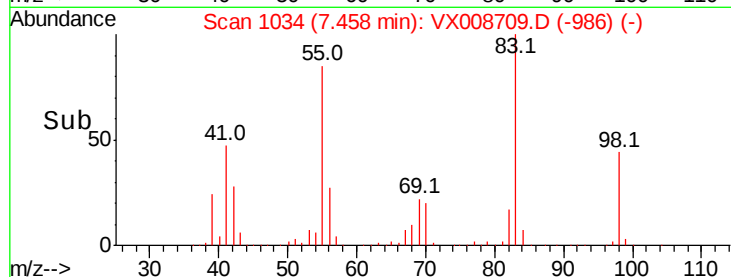
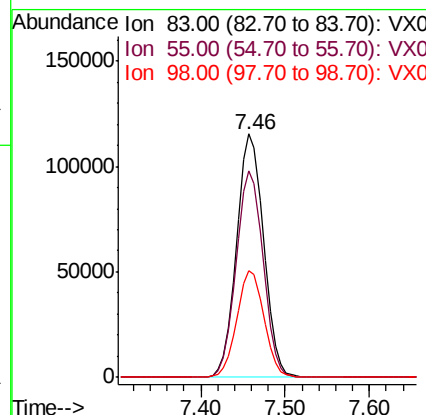
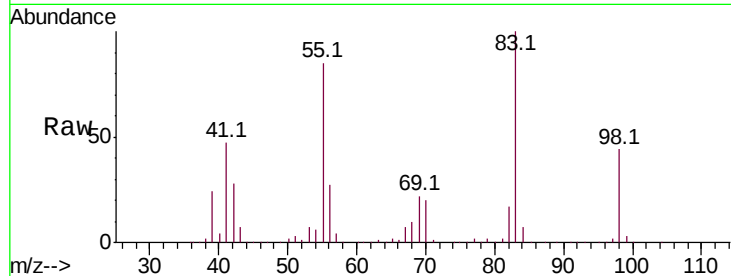
#39
Methvlcvclohexane
Concen: 52.588 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249805		
55	85.0	69.0	103.6	
98	43.7	34.4	51.6	

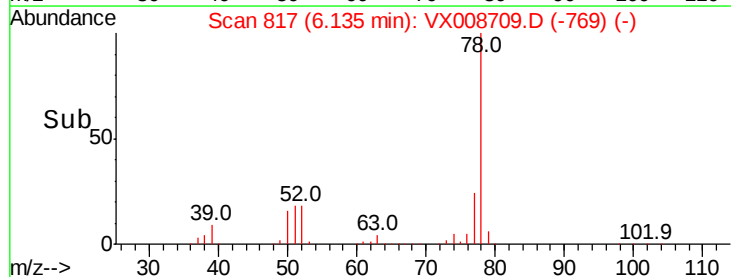
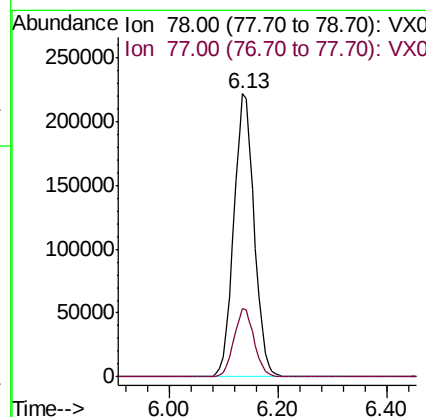
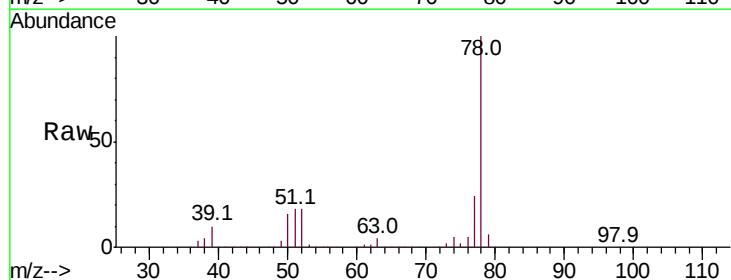
Manual Integrations
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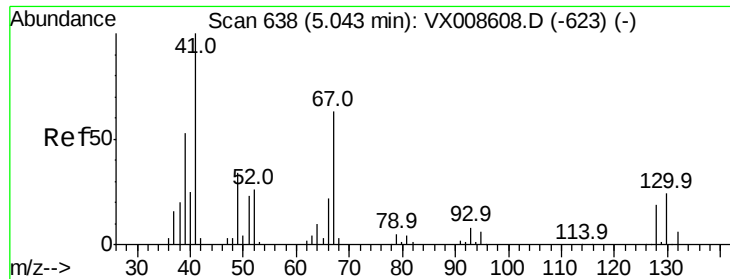
MMDadoda
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#40
Benzene
Concen: 50.531 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	578871		
77	24.2	19.1	28.7	





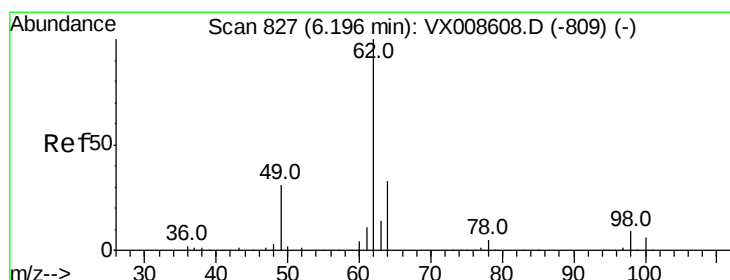
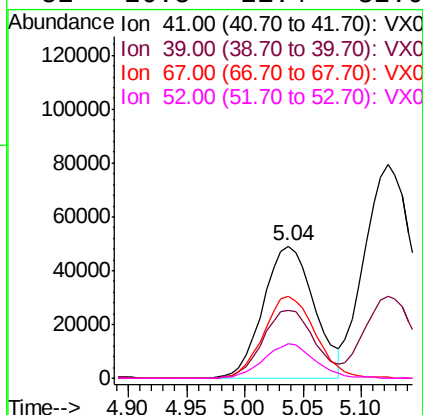
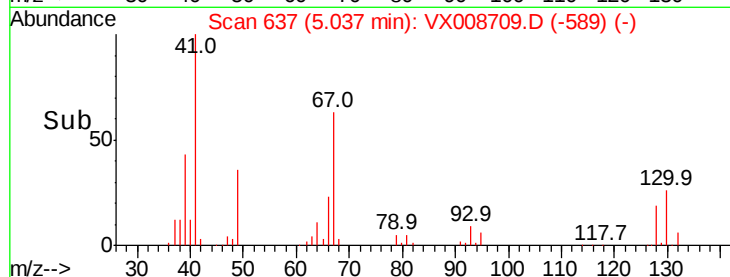
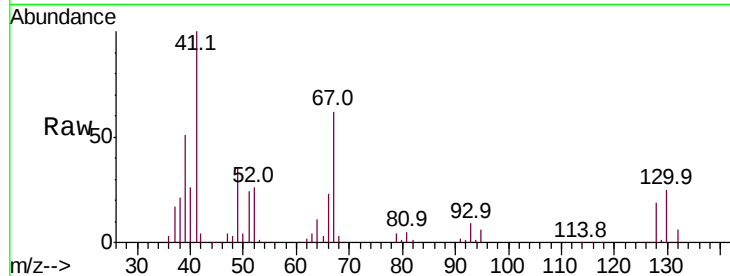
#41
Methacrylonitrile
Concen: 50.273 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.1	63.1	
67	63.3	51.0	76.6	
52	26.5	21.4	32.0	

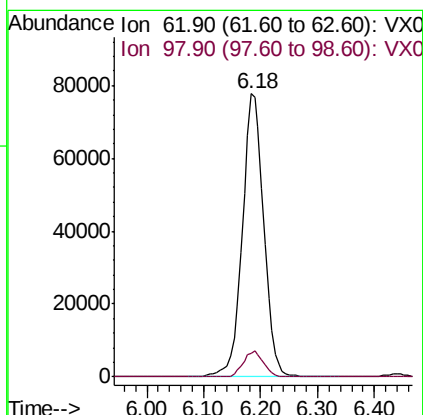
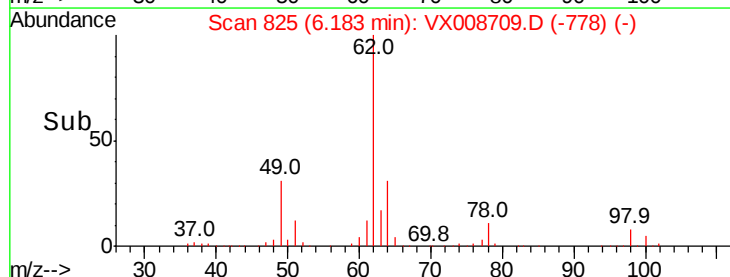
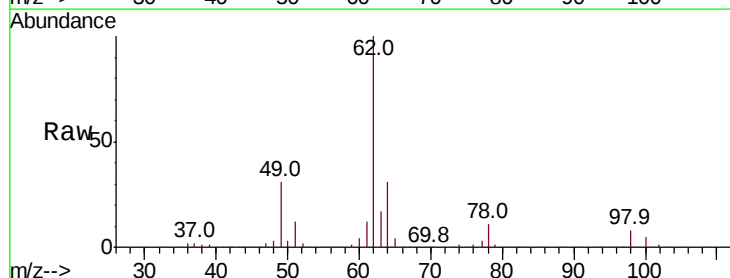
Manual Integrations
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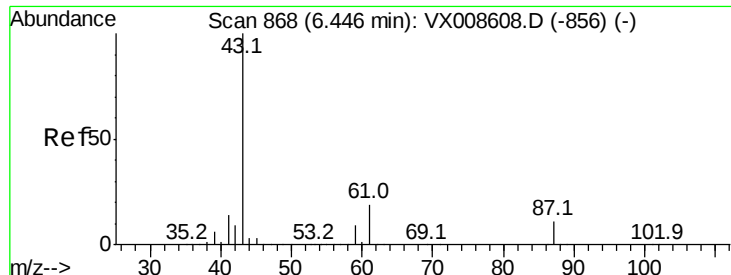
MMDadoda
4/9/2019 1:37:25 PM



#42
1,2-Dichloroethane
Concen: 49.741 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.0	





#43

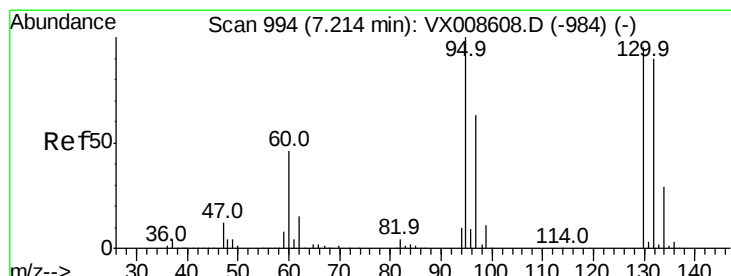
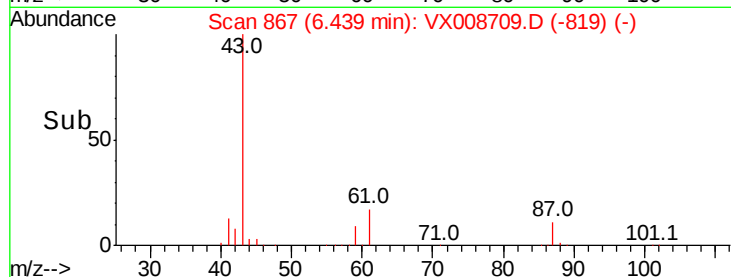
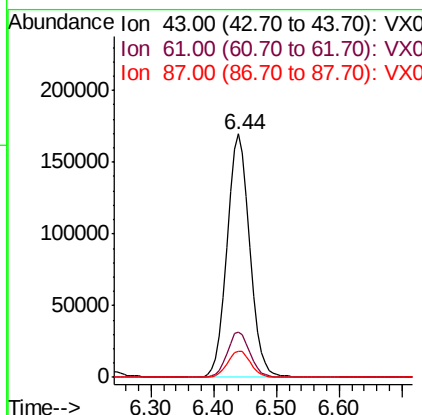
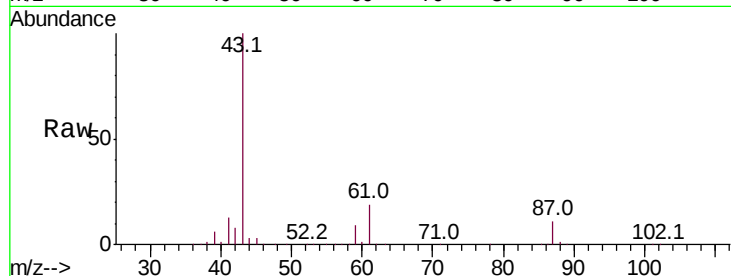
Isopropyl Acetate
 Concen: 52.591 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.3	22.9
87	11.1	9.0	13.6

Manual Integrations
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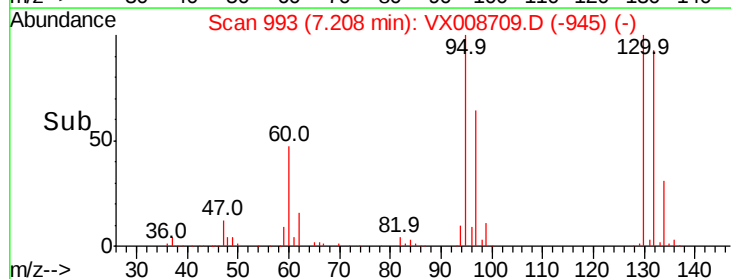
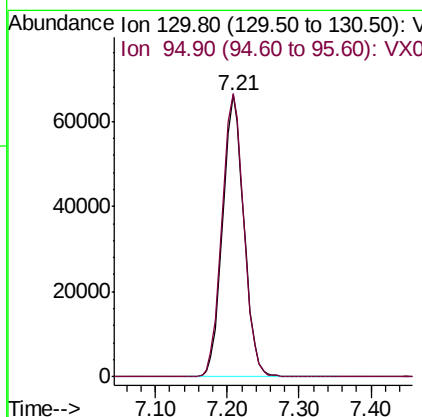
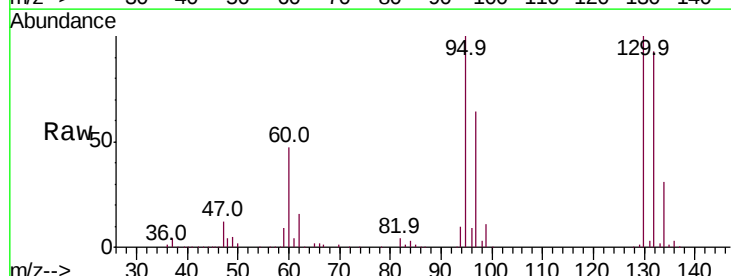
MMDadoda
 4/9/2019 1:37:25 PM

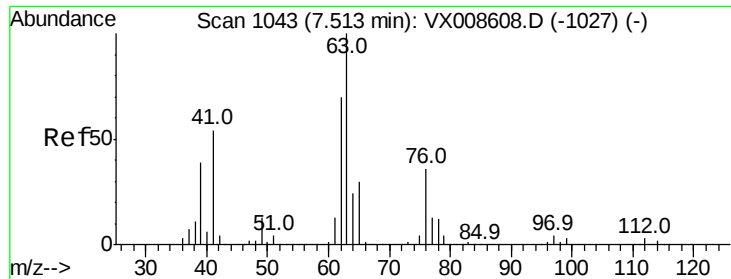


#44

Trichloroethene
 Concen: 51.335 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	209.8





#45

1,2-Dichloropropane

Concen: 50.774 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 166016

Ion Ratio Lower Upper

63 100

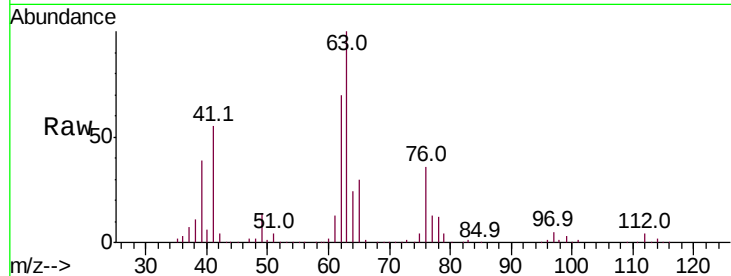
65 30.4 24.2 36.4

Manual Integrations

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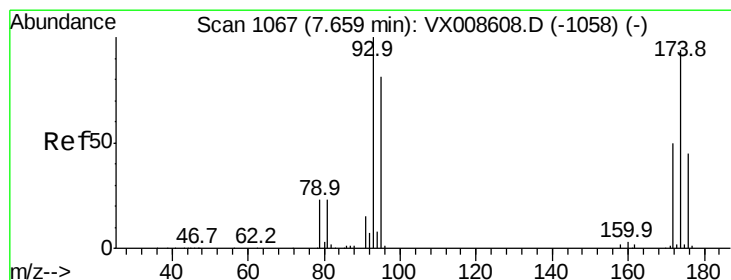
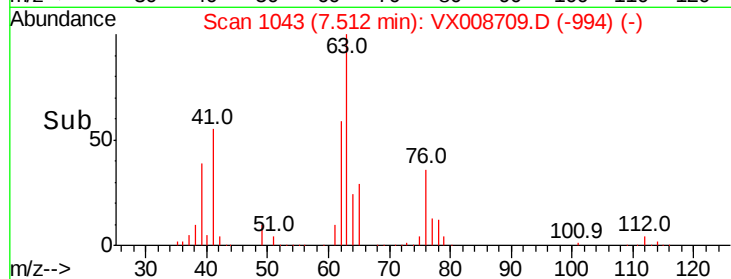
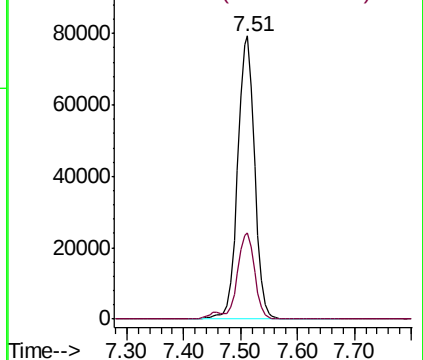
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.659 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

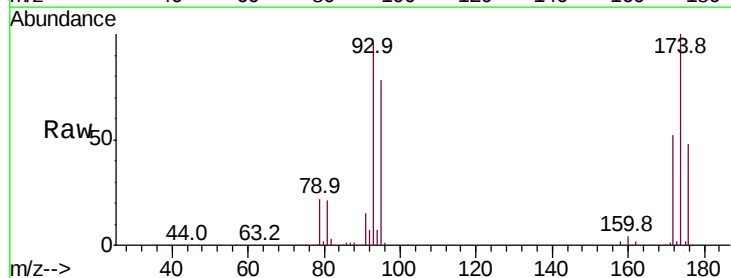
Tgt Ion: 93 Resp: 94173

Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

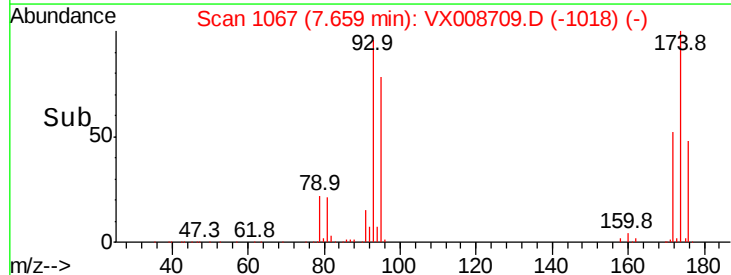
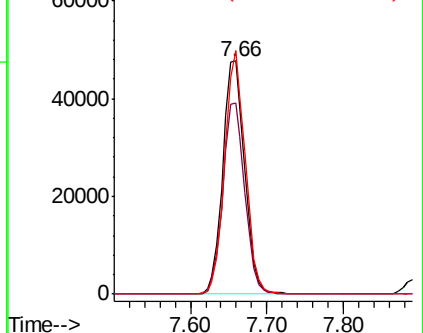
174 98.3 77.7 116.5

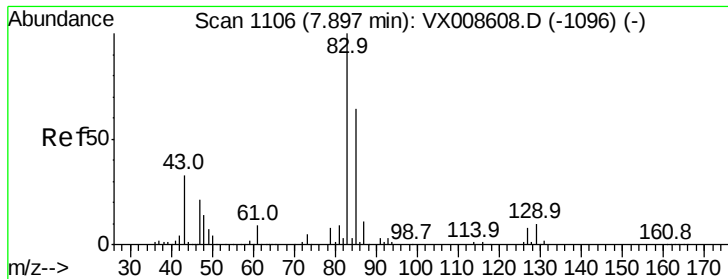


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.045 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

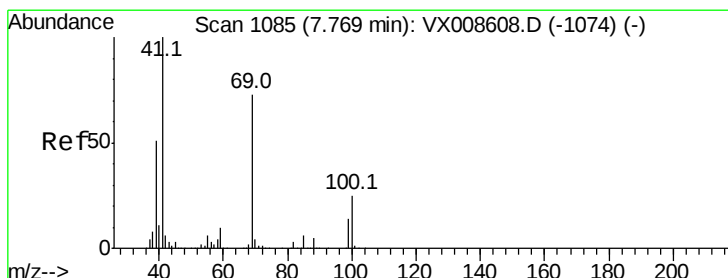
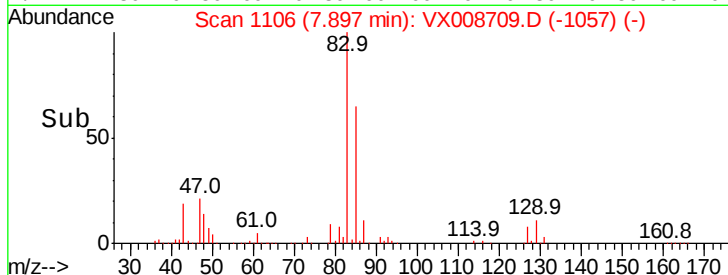
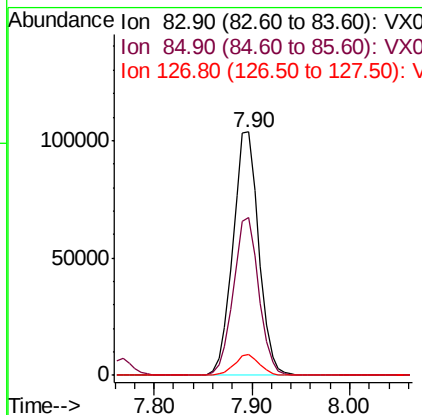
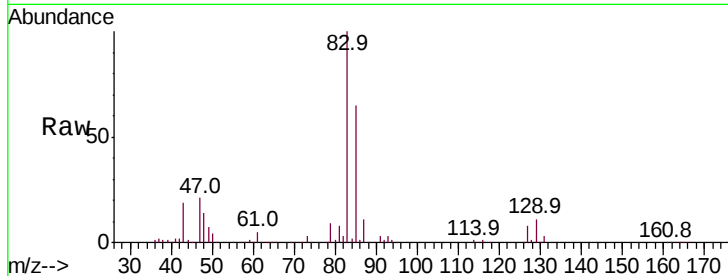
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	189669
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8
127	8.4	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.412 ug/l

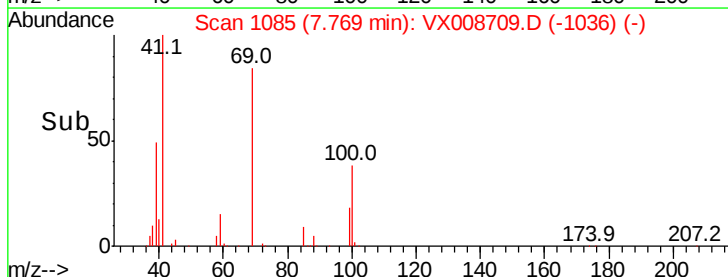
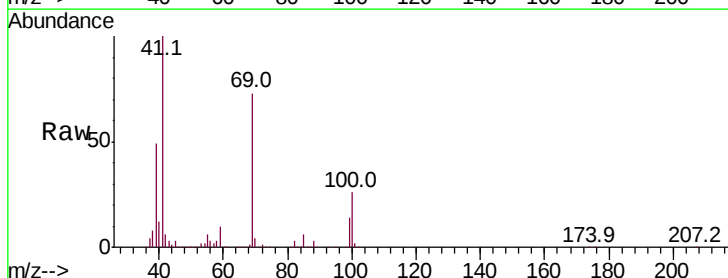
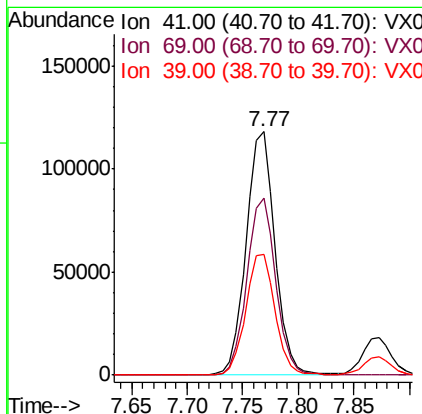
RT: 7.77 min Scan# 1085

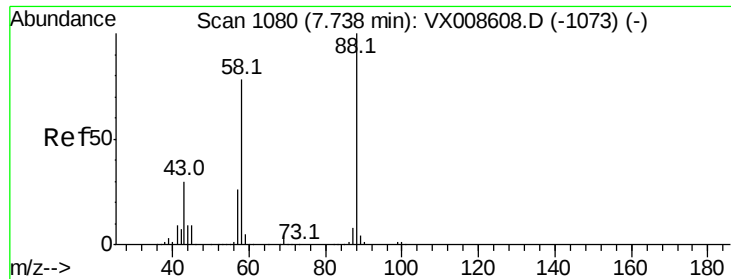
Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	41	Resp:	213171
Ion	Ratio	Lower	Upper
41	100		
69	72.9	59.0	88.4
39	50.4	41.0	61.4





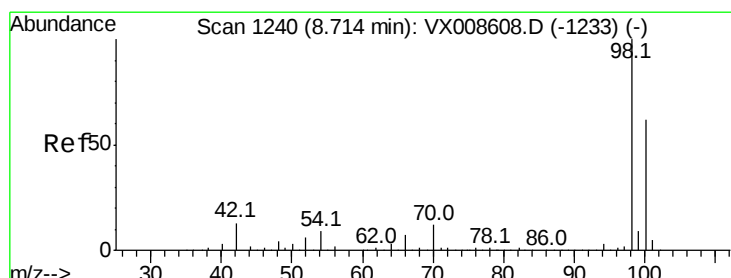
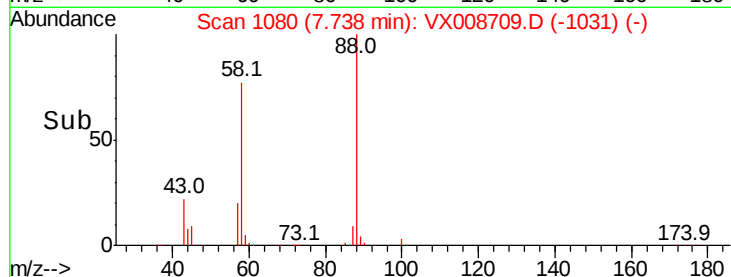
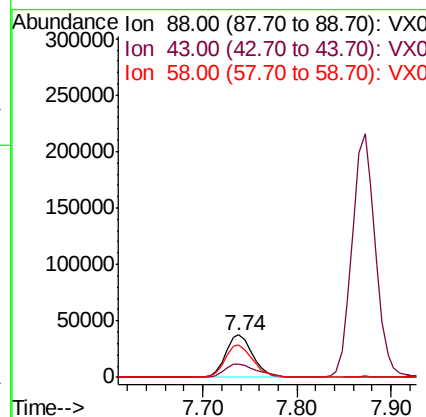
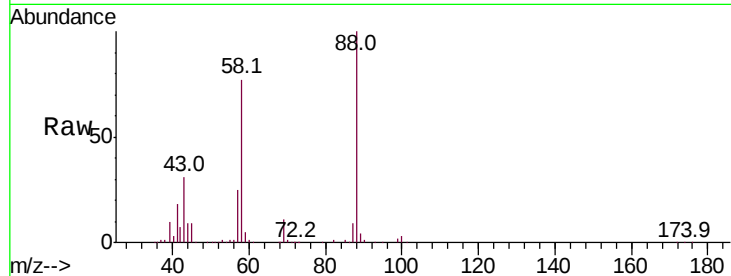
#49
 1,4-Dioxane
 Concen: 976.983 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	43.0
58	79.6	62.2	93.2

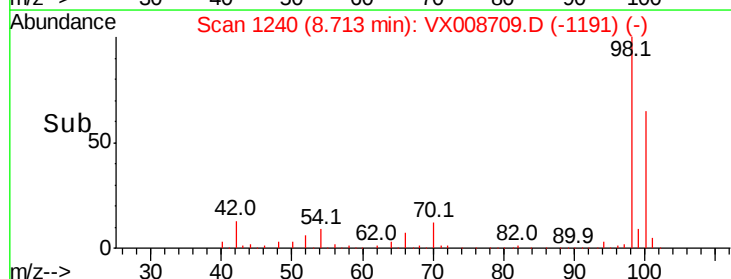
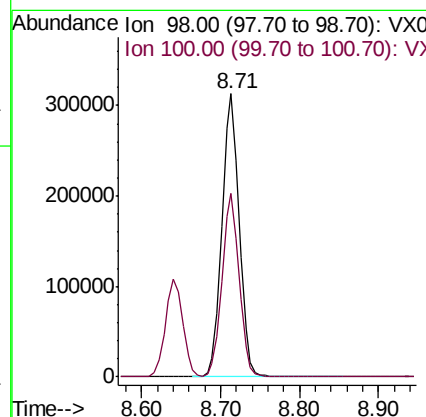
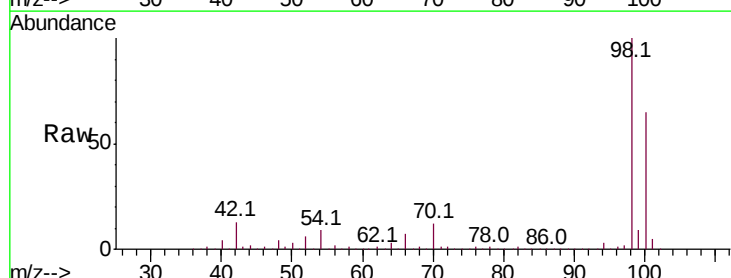
Manual Integrations
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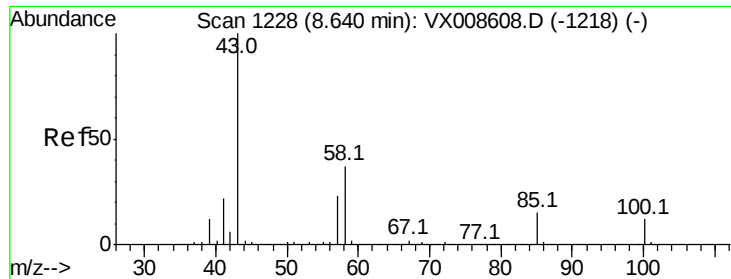
MMDadoda
 4/9/2019 1:37:25 PM



#50
 Toluene-d8
 Concen: 53.318 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 258.789 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1339463

Ion Ratio Lower Upper

43 100

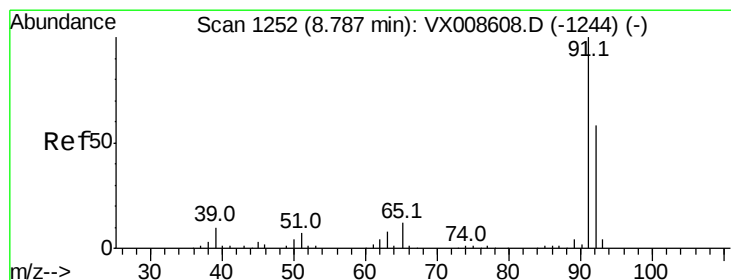
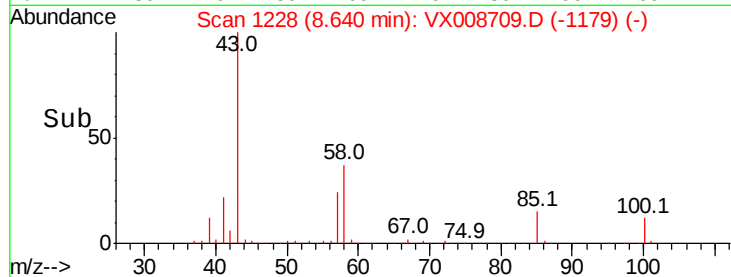
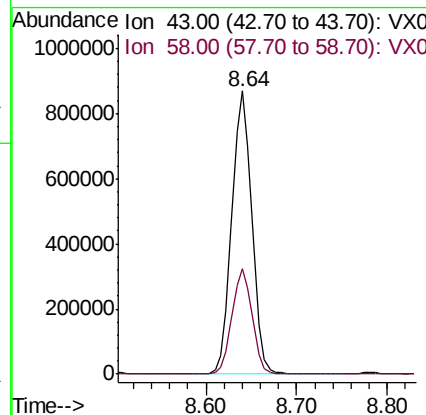
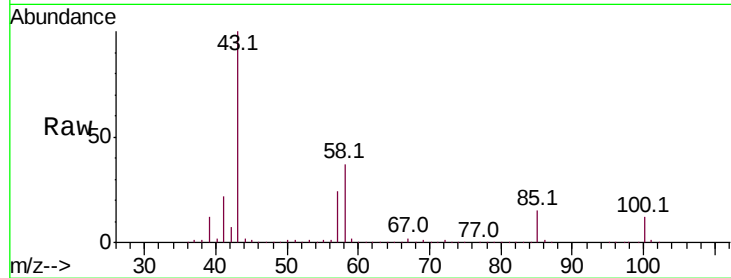
58 37.1 29.5 44.3

Manual Integrations

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#52

Toluene

Concen: 51.978 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008709.D

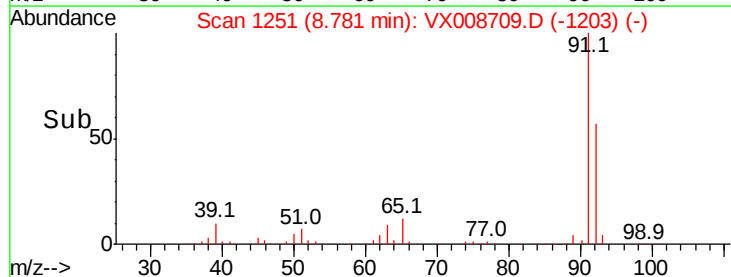
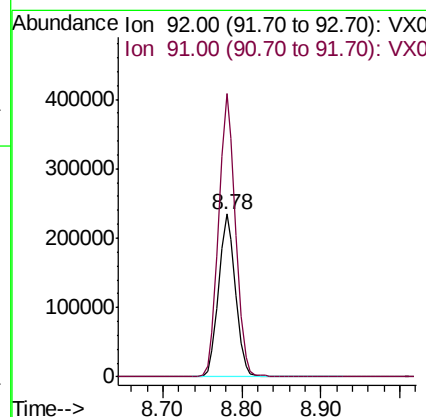
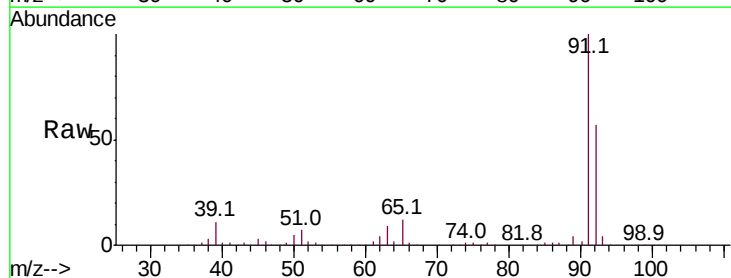
Acq: 06 Apr 2019 10:21

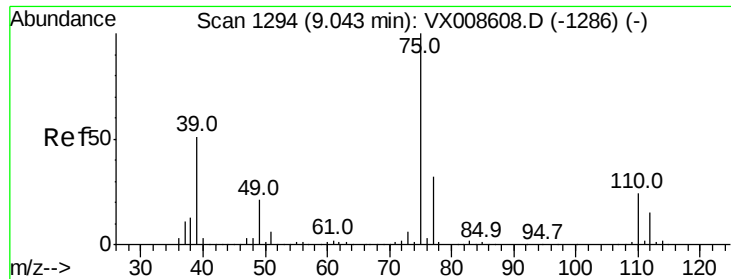
Tgt Ion: 92 Resp: 351047

Ion Ratio Lower Upper

92 100

91 173.9 138.5 207.7





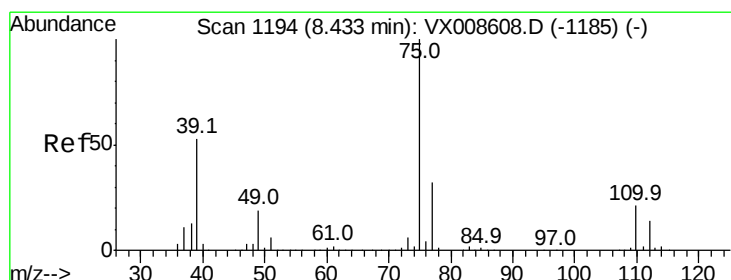
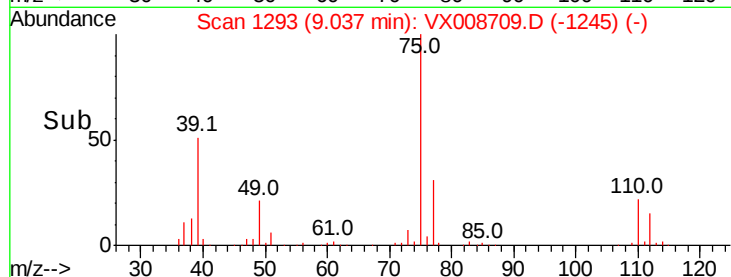
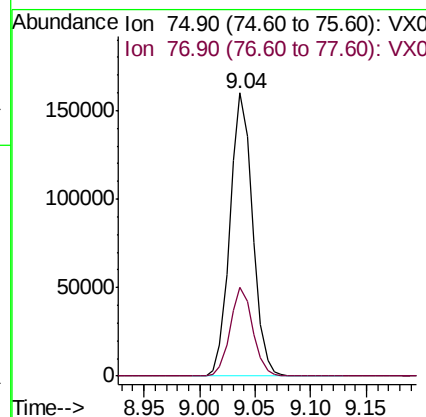
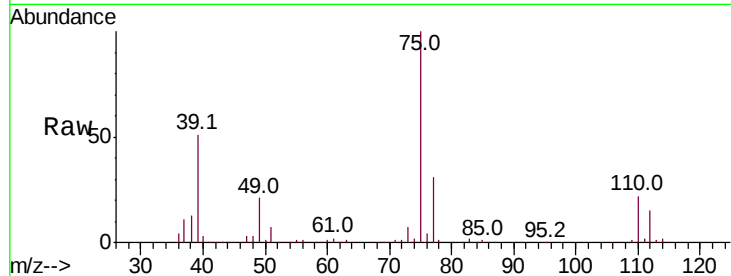
#53
t-1,3-Dichloropropene
Concen: 56.221 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 225182
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

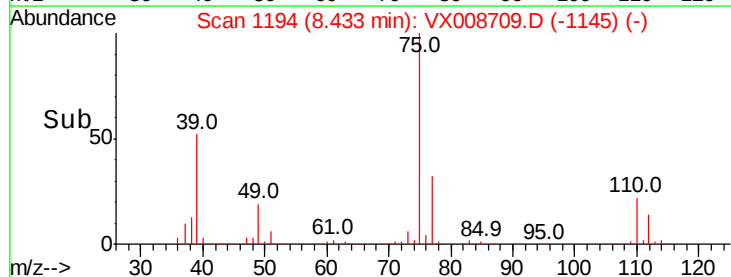
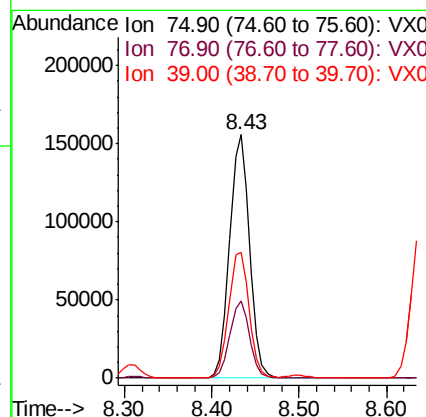
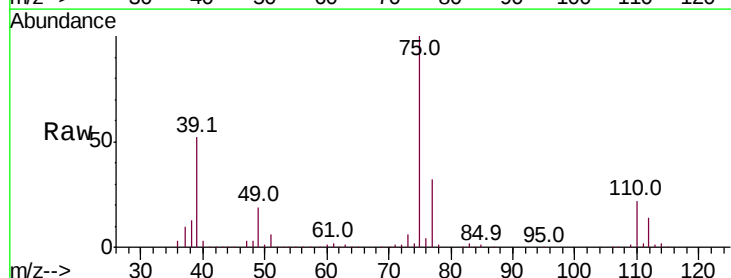
Manual Integrations
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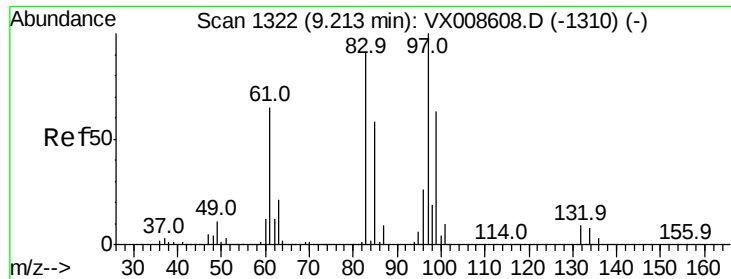
MMDadoda
4/9/2019 1:37:25 PM



#54
cis-1,3-Dichloropropene
Concen: 53.749 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion: 75 Resp: 245990
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 51.6 42.6 63.8





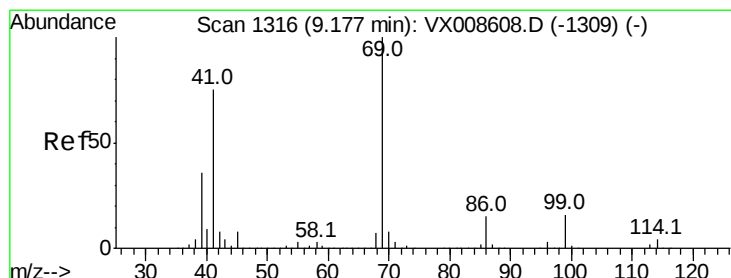
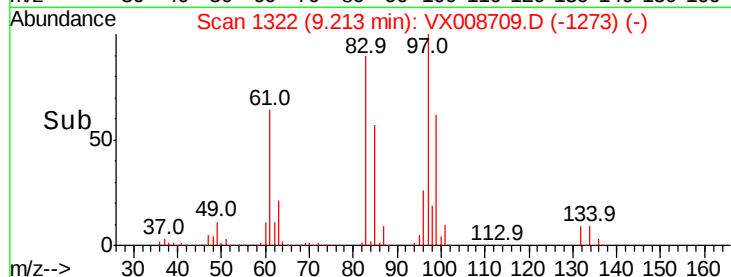
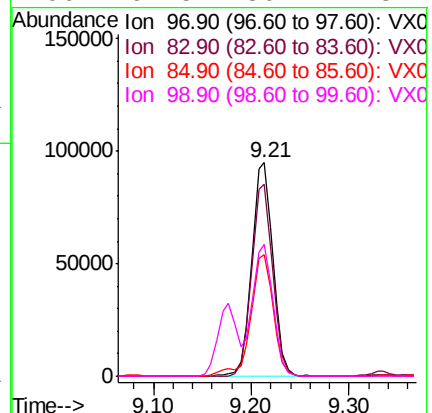
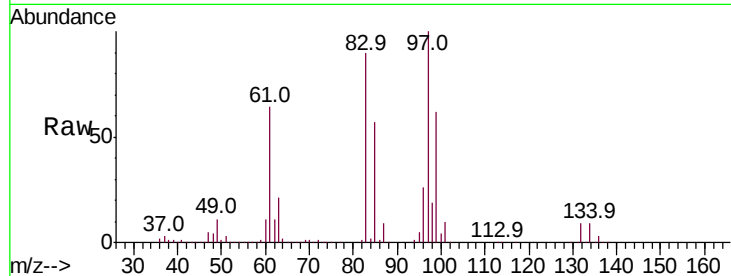
#55
 1,1,2-Trichloroethane
 Concen: 52.185 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.0	73.2	109.8
85	56.8	46.6	69.8
99	61.5	50.1	75.1

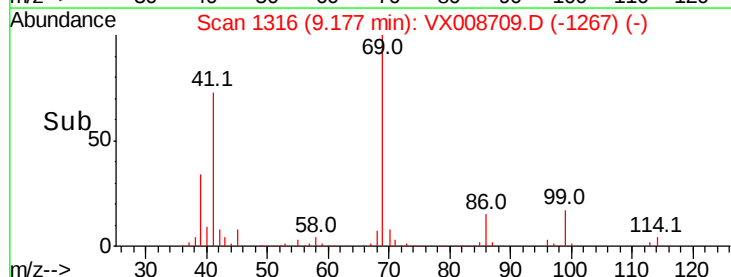
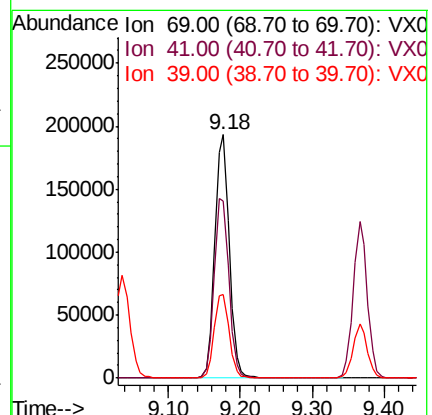
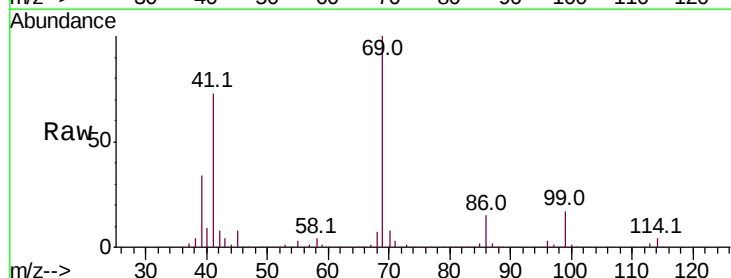
Manual Integrations
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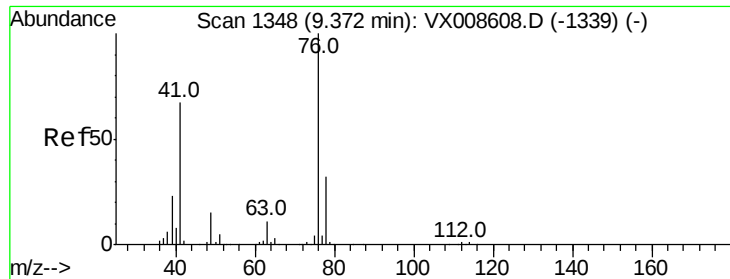
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 54.469 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.1	90.1
39	35.3	28.9	43.3





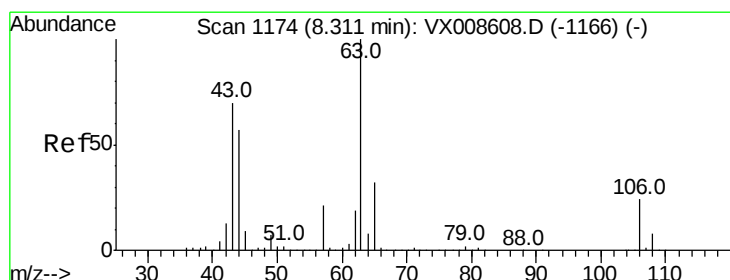
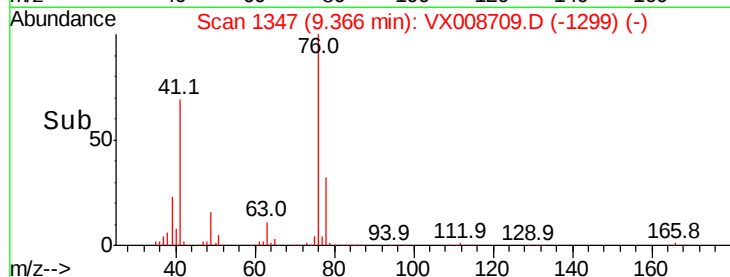
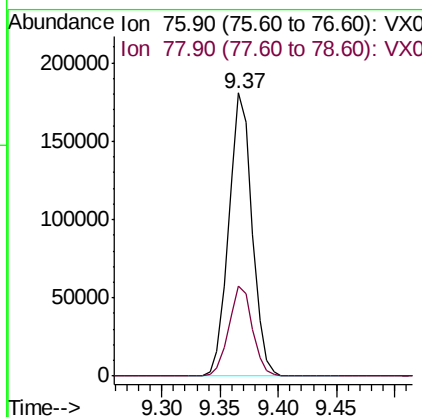
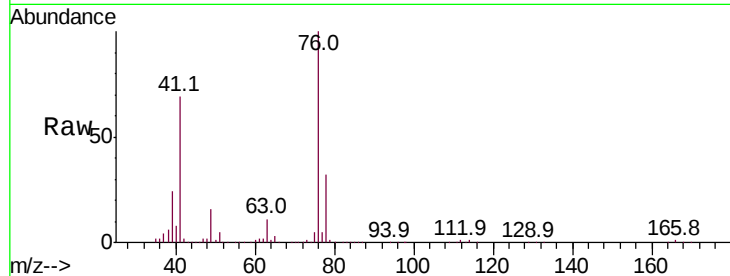
#57
 1,3-Dichloropropane
 Concen: 51.727 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 251808
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

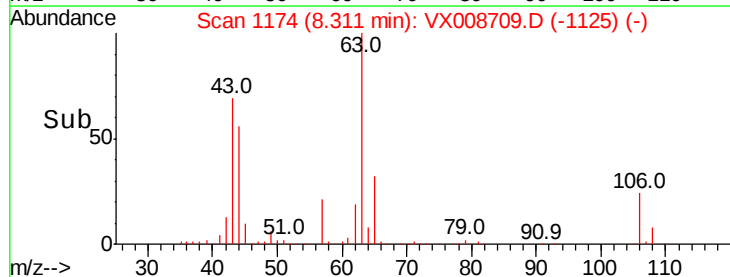
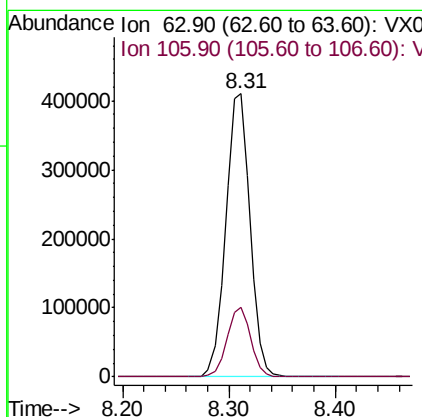
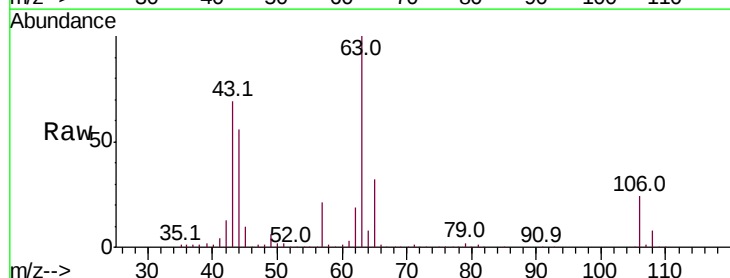
Manual Integrations
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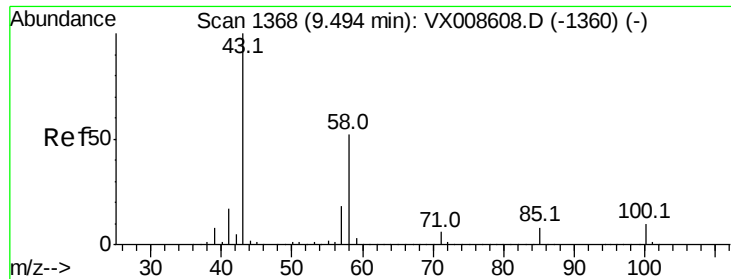
MMDadoda
 4/9/2019 1:37:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.512 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion: 63 Resp: 652481
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6





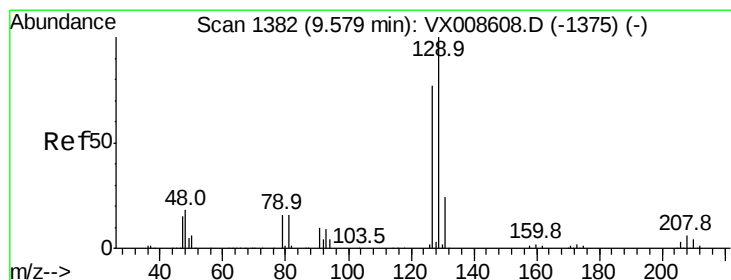
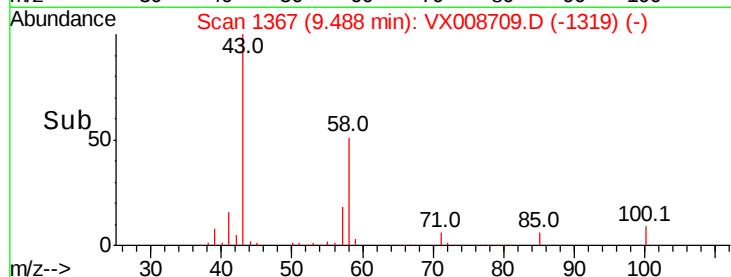
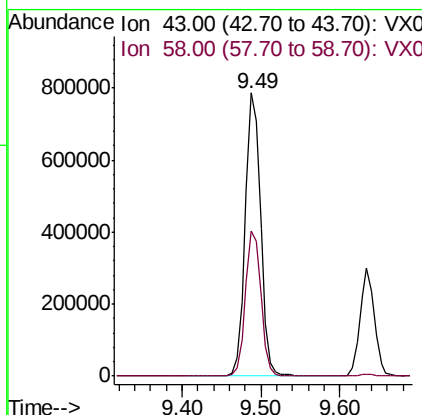
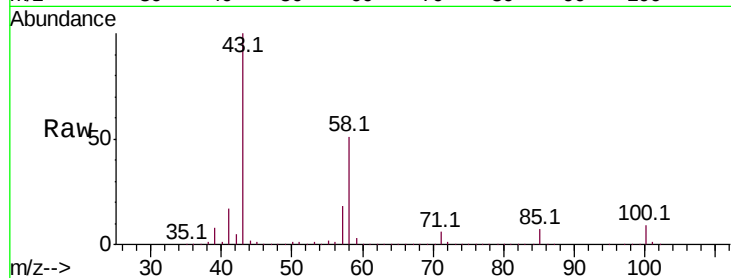
#59
2-Hexanone
Concen: 264.318 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1063200
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

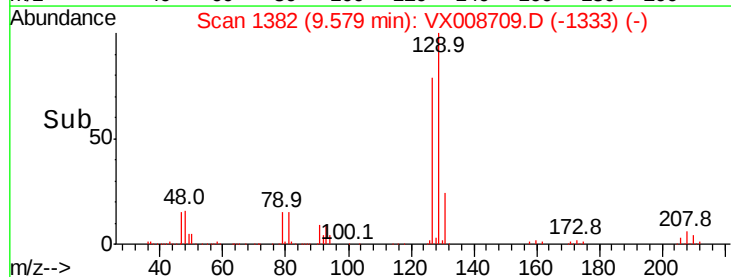
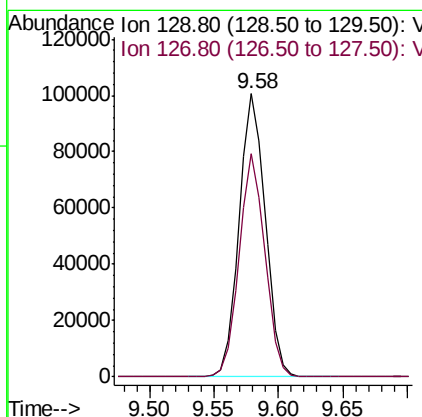
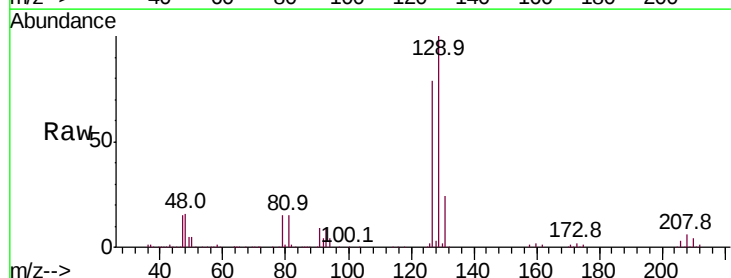
Manual Integrations
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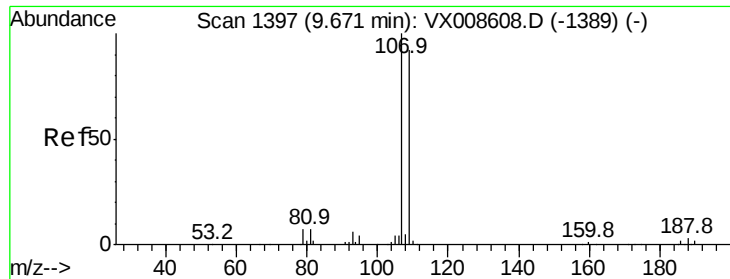
MMDadoda
4/9/2019 1:37:25 PM



#60
Dibromochloromethane
Concen: 55.310 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion: 129 Resp: 141296
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





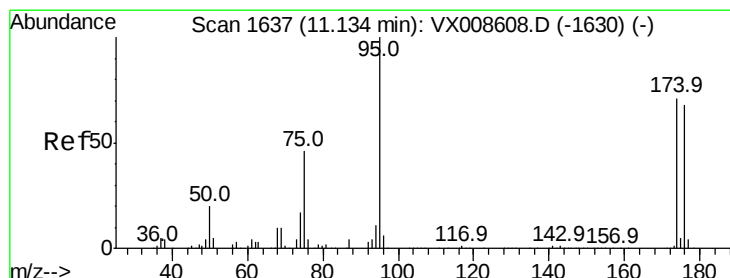
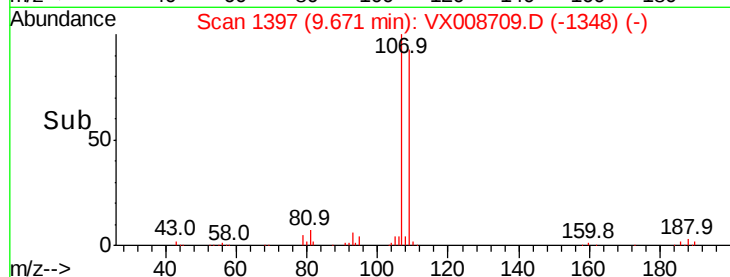
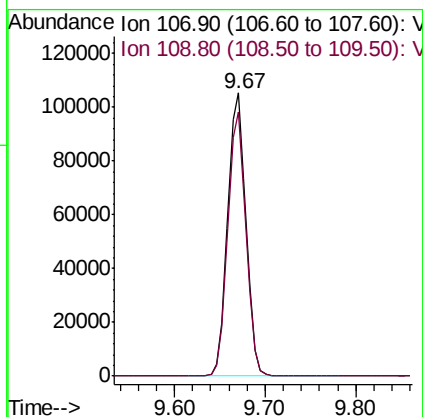
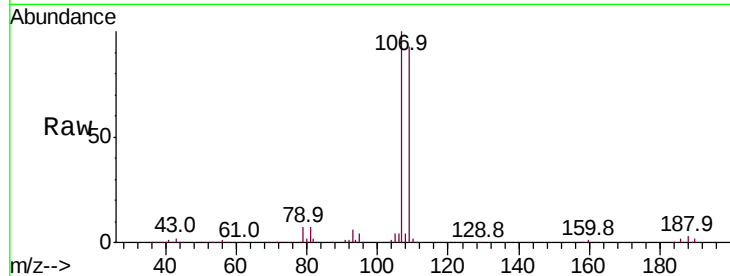
#61
 1,2-Dibromoethane
 Concen: 52.067 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	146946		
109	93.0	74.1	111.1	

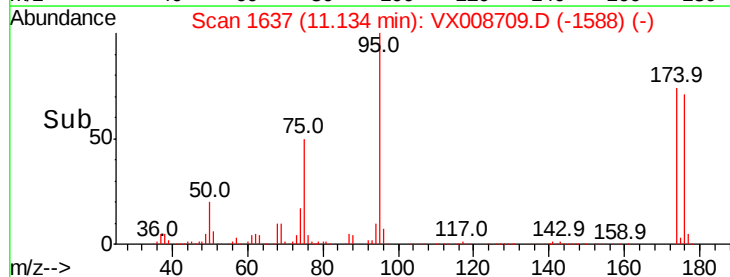
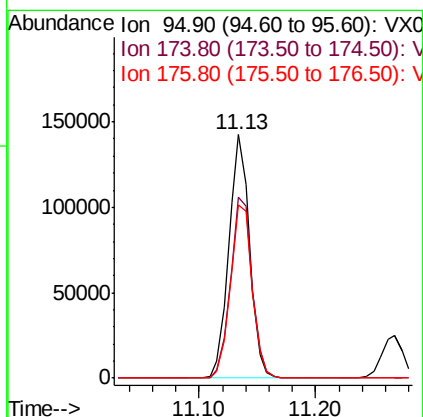
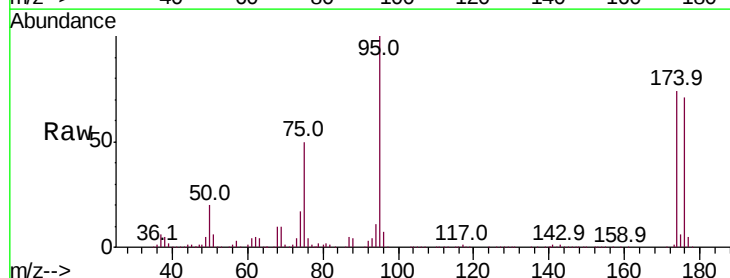
Manual Integrations
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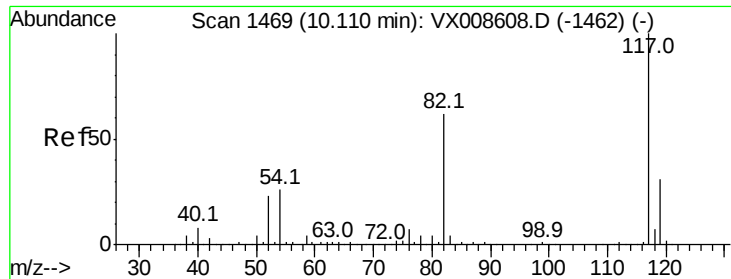
MMDadoda
 4/9/2019 1:37:25 PM



#62
 4-Bromofluorobenzene
 Concen: 55.298 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	175614		
174	77.7	0.0	151.8	
176	75.2	0.0	145.8	





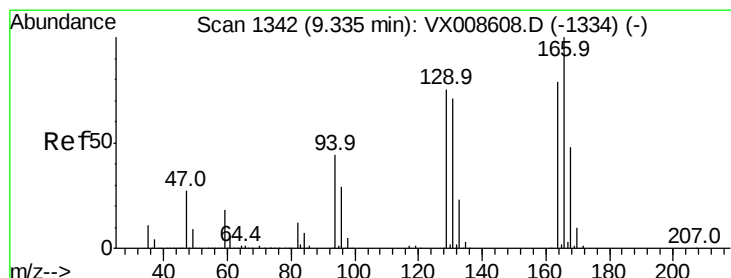
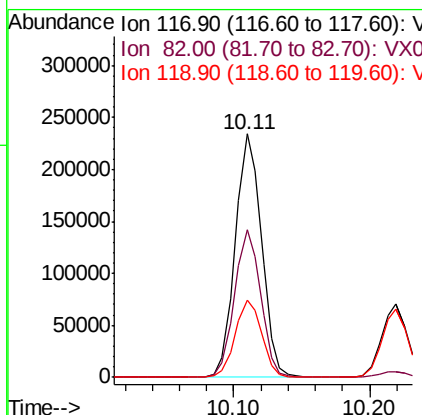
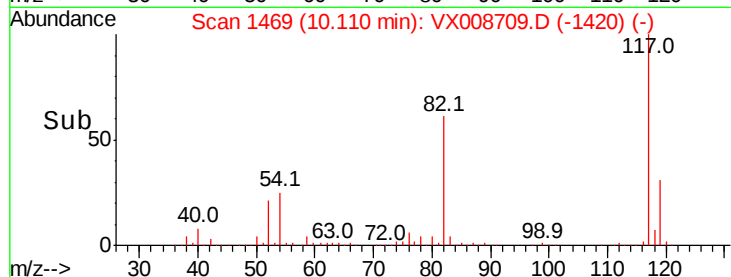
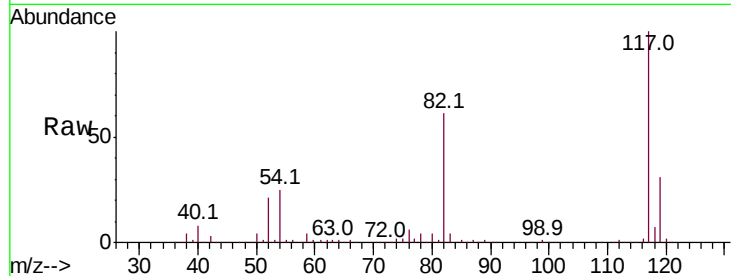
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.6	74.4
119	31.5	25.0	37.4

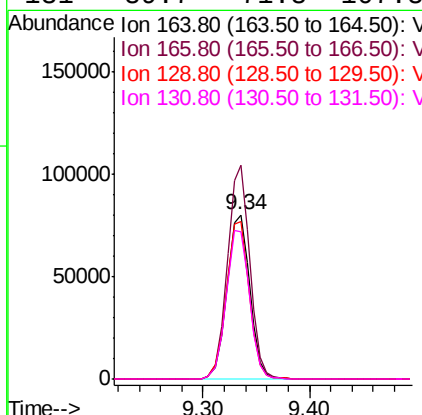
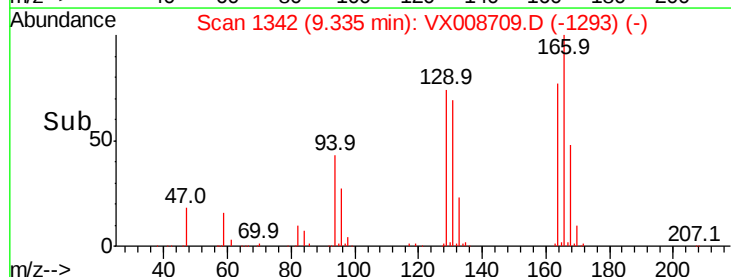
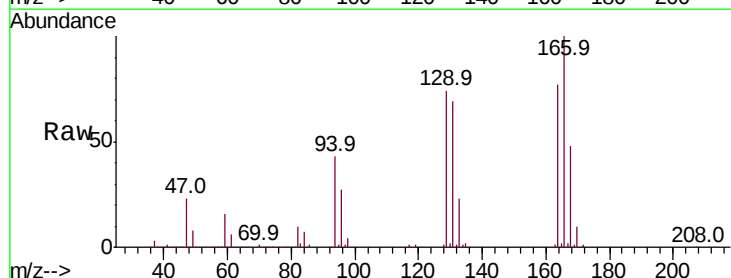
Manual Integrations
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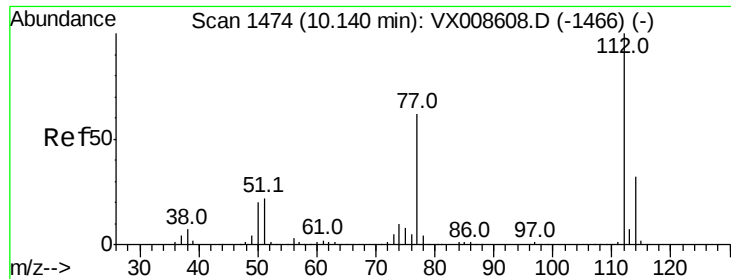
MMDadoda
4/9/2019 1:37:25 PM



#64
Tetrachloroethene
Concen: 51.616 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.0	151.6
129	95.7	75.8	113.8
131	89.7	71.8	107.8





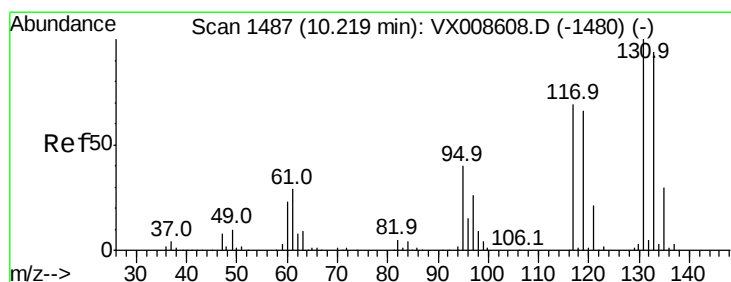
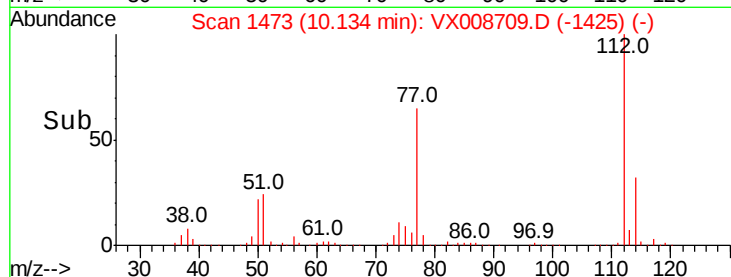
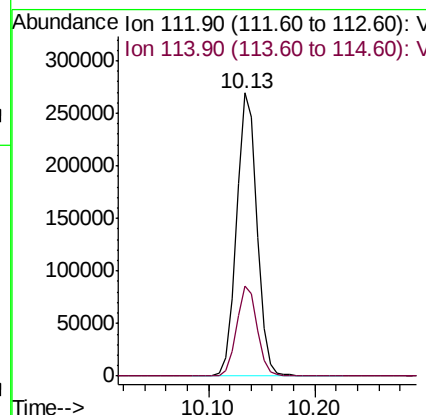
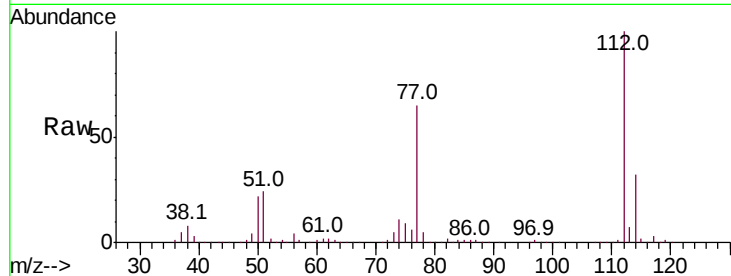
#65
Chlorobenzene
Concen: 51.840 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 362774
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

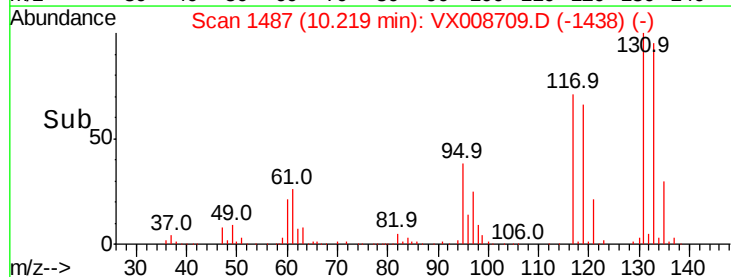
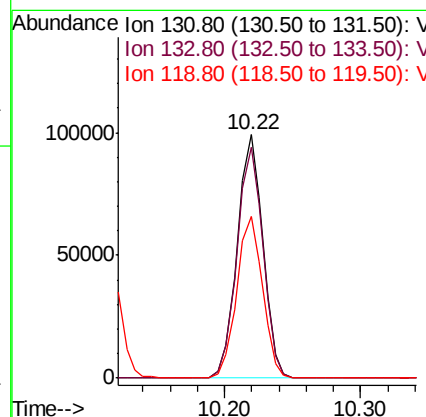
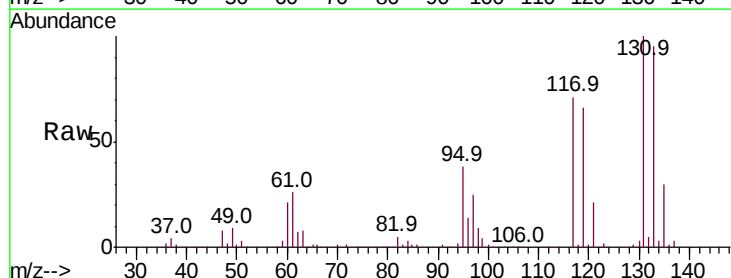
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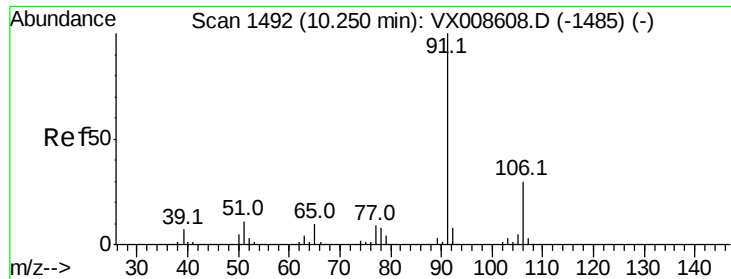
MMDadoda
4/9/2019 1:37:25 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.966 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion:131 Resp: 130033
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.2
119 67.0 33.7 101.0





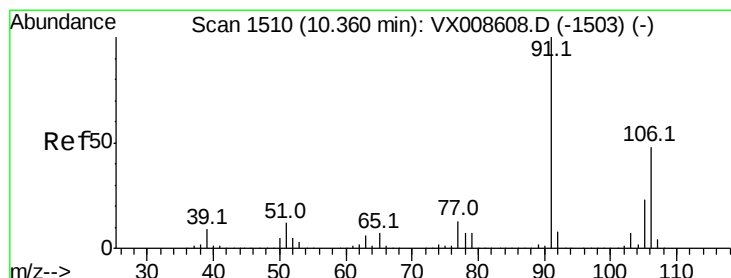
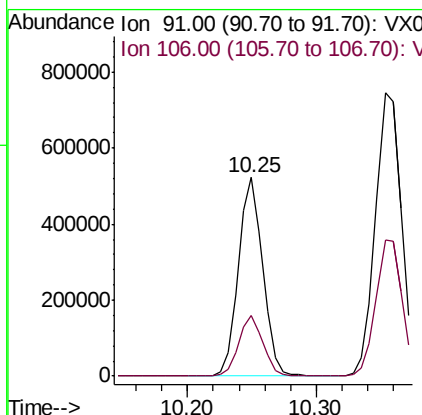
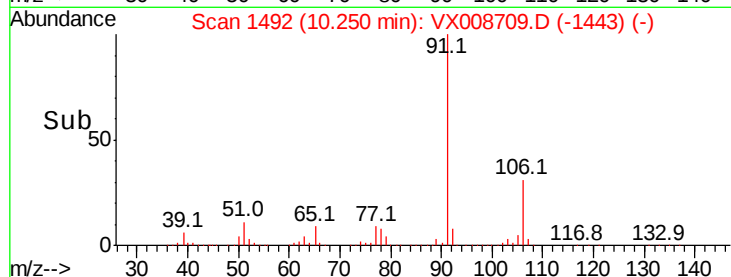
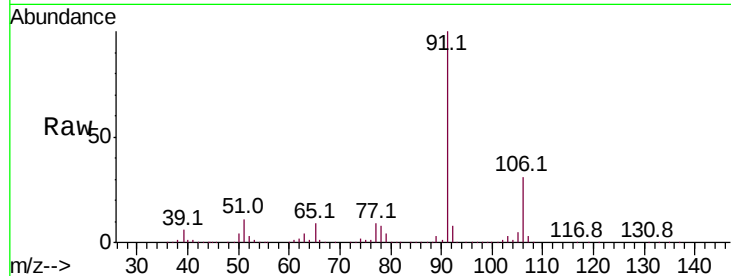
#67
Ethyl Benzene
Concen: 52.479 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 684793
Ion Ratio Lower Upper
91 100
106 30.6 23.7 35.5

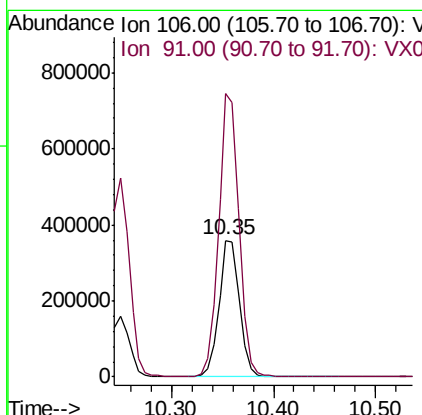
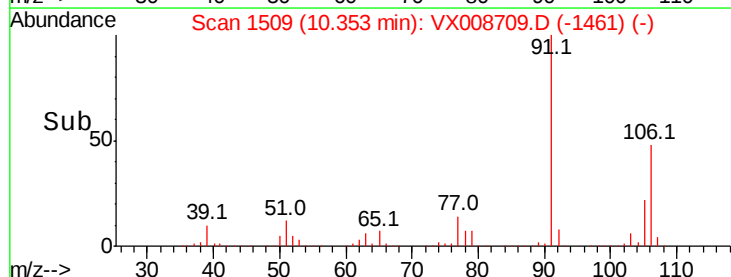
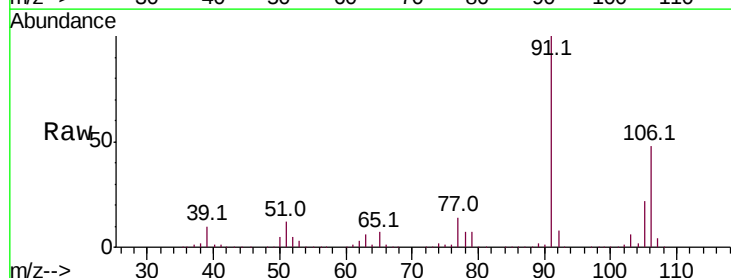
Manual Integrations
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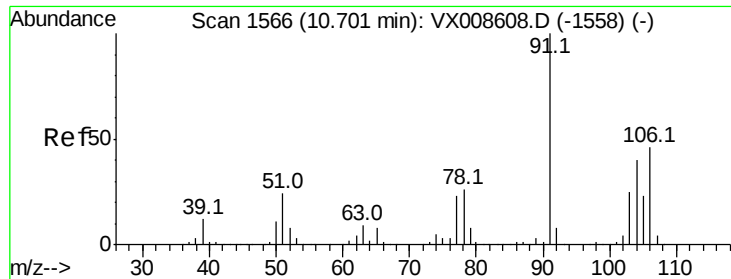
MMDadoda
4/9/2019 1:37:25 PM



#68
m/p-Xylenes
Concen: 107.097 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion: 106 Resp: 502473
Ion Ratio Lower Upper
106 100
91 207.3 168.5 252.7





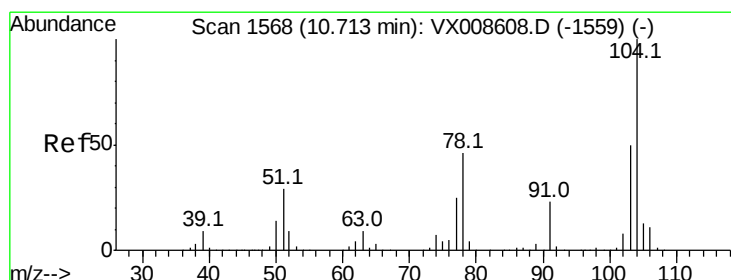
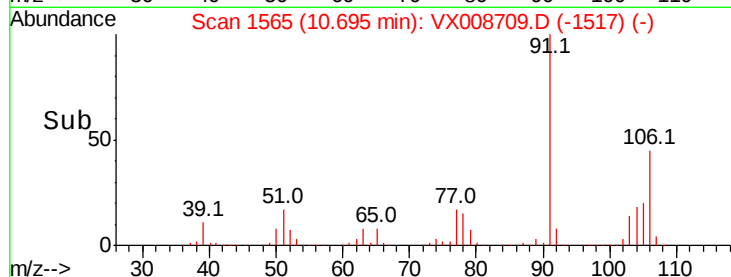
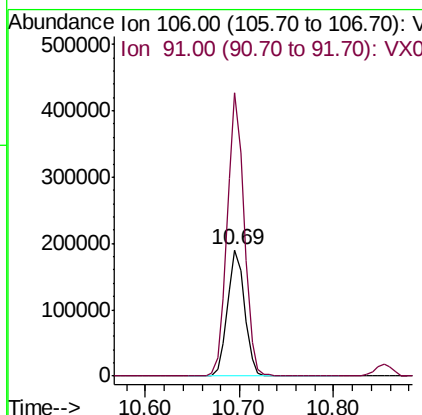
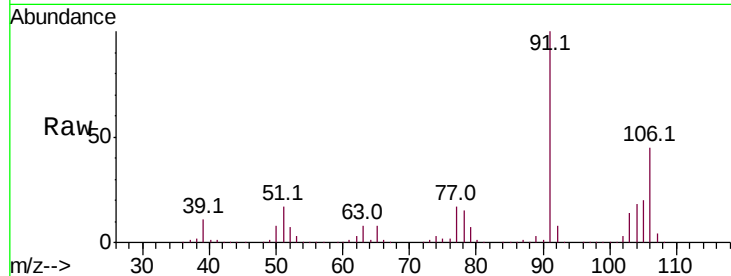
#69
o-Xylene
Concen: 52.978 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 240883
Ion Ratio Lower Upper
106 100
91 220.7 111.5 334.4

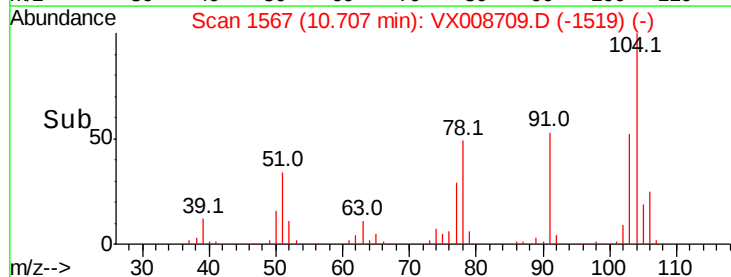
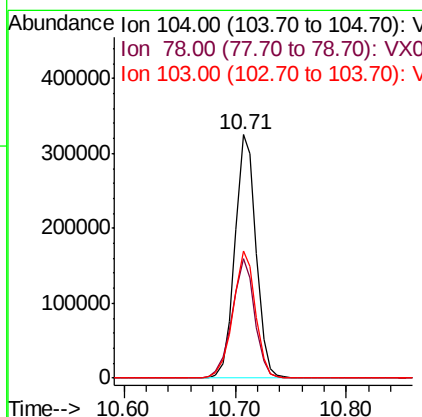
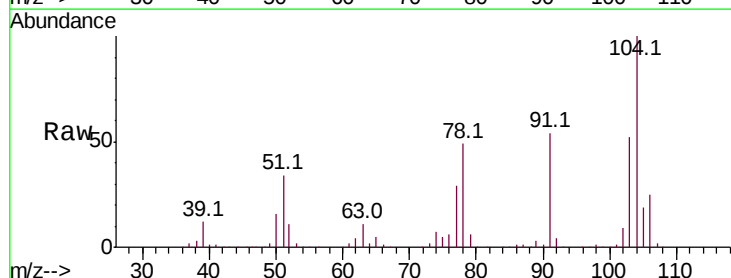
Manual Integrations
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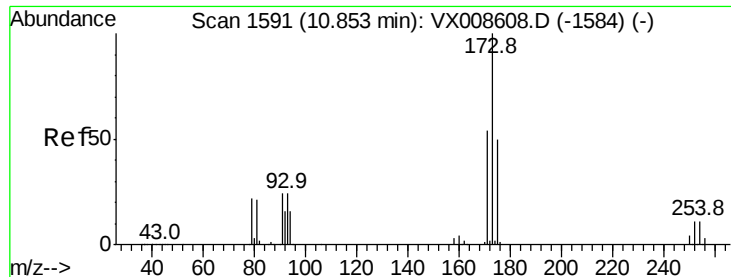
MMDadoda
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#70
Styrene
Concen: 54.327 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion:104 Resp: 425797
Ion Ratio Lower Upper
104 100
78 52.5 42.3 63.5
103 55.3 44.4 66.6





#71

Bromoform

Concen: 55.575 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 104204

Ion Ratio Lower Upper

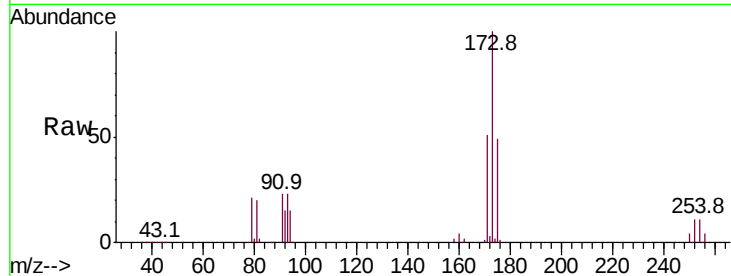
173 100

175 49.5 24.9 74.6

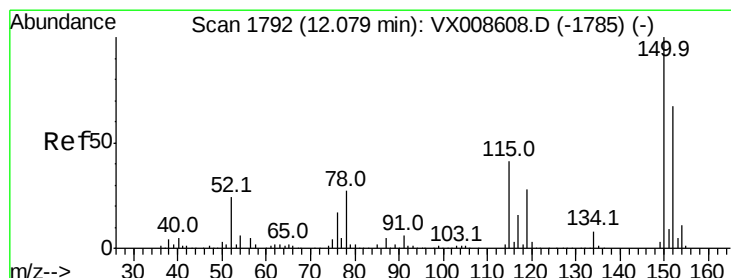
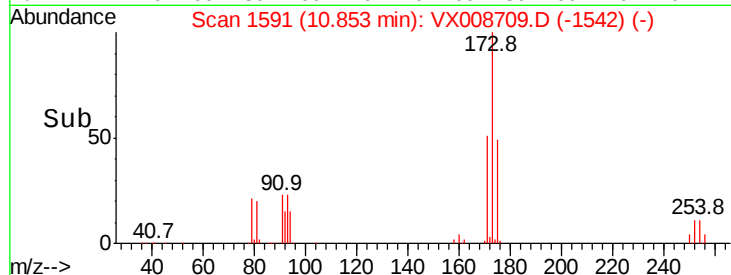
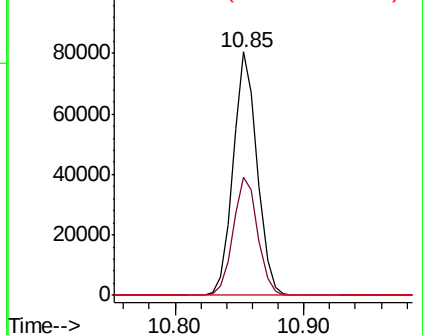
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

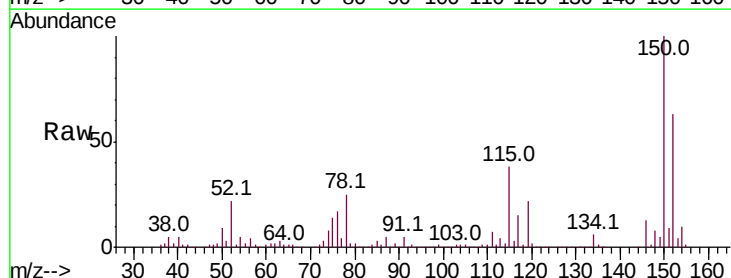
Tgt Ion:152 Resp: 149865

Ion Ratio Lower Upper

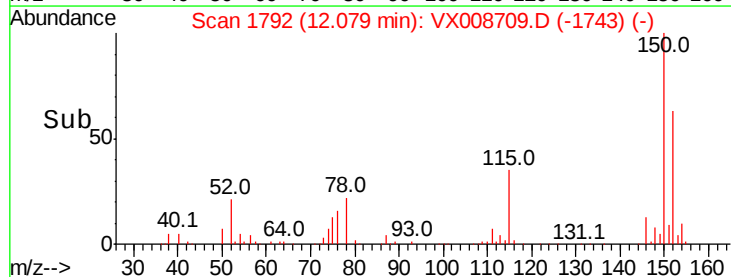
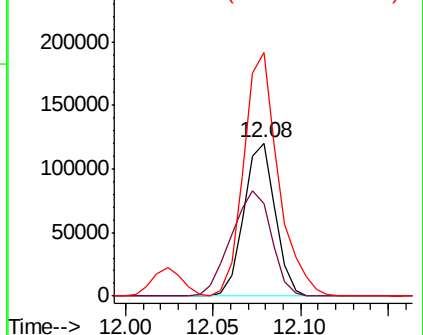
152 100

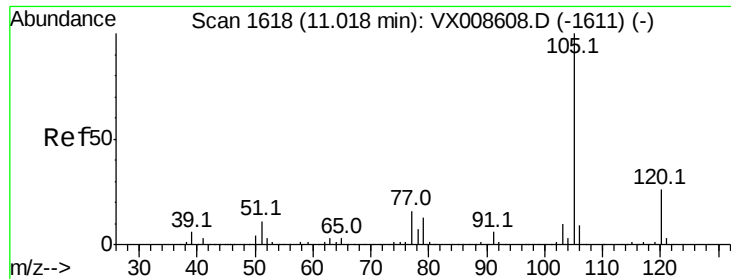
115 88.3 43.5 130.5

150 175.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 52.044 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 646378

Ion Ratio Lower Upper

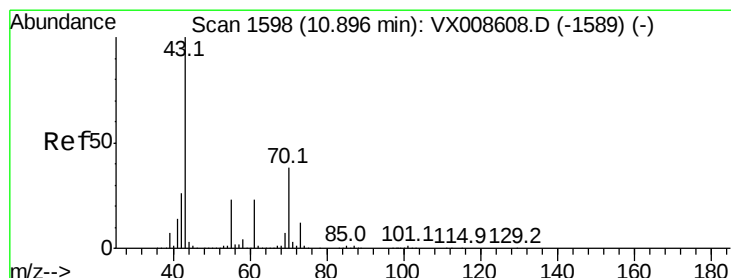
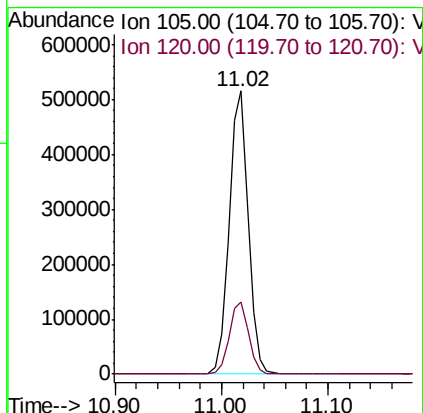
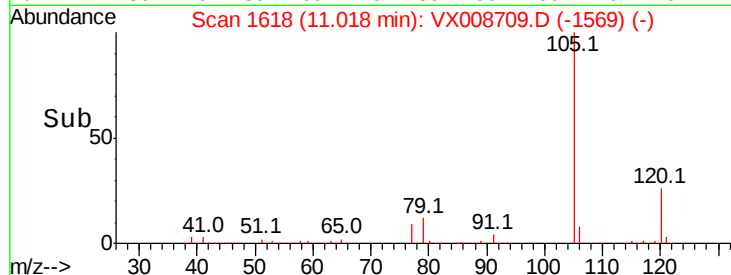
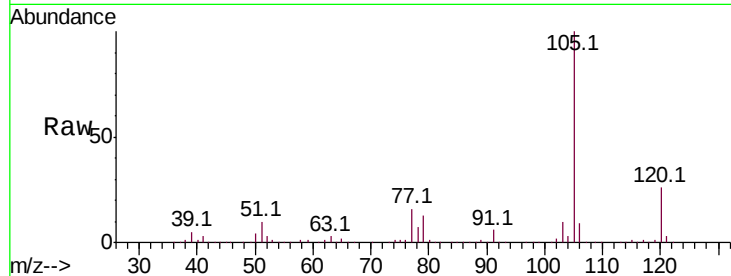
105 100

120 25.8 12.9 38.6

Manual Integrations
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4/9/2019 1:37:25 PM



#74

N-ethyl acetate

Concen: 49.944 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion: 43 Resp: 364946

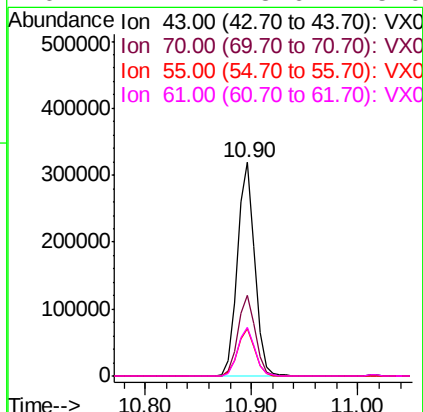
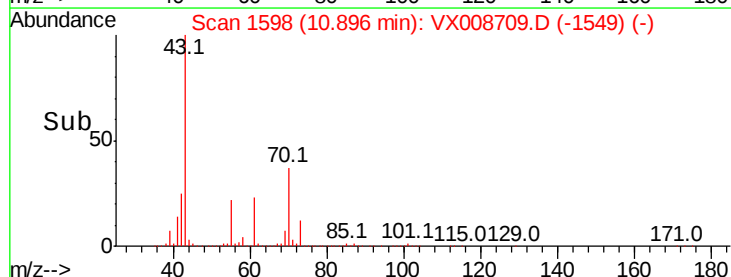
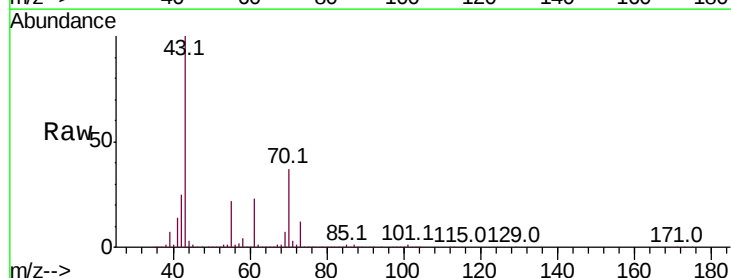
Ion Ratio Lower Upper

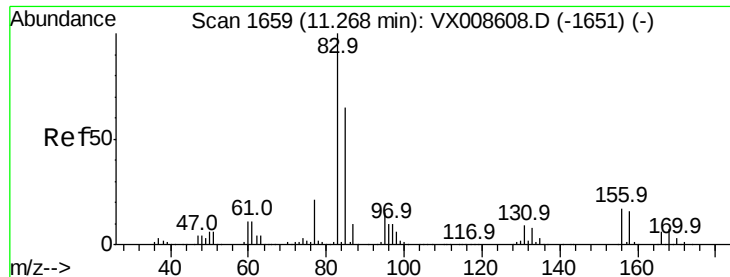
43 100

70 37.6 30.2 45.4

55 22.2 18.2 27.4

61 22.7 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.549 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

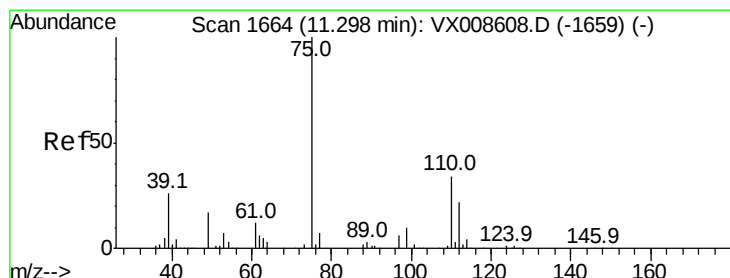
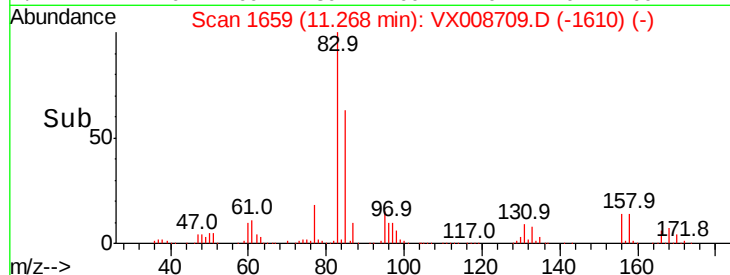
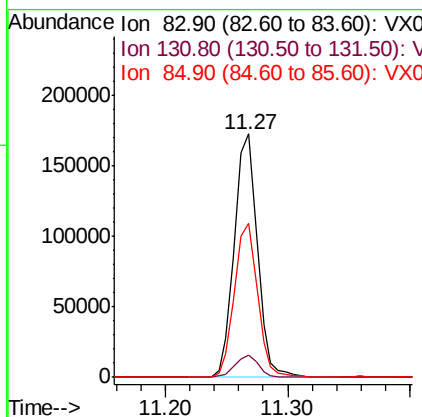
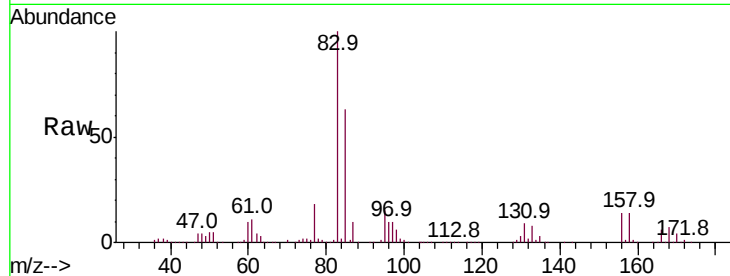
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	224592
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.5	13.7
85	63.8	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.261 ug/l m

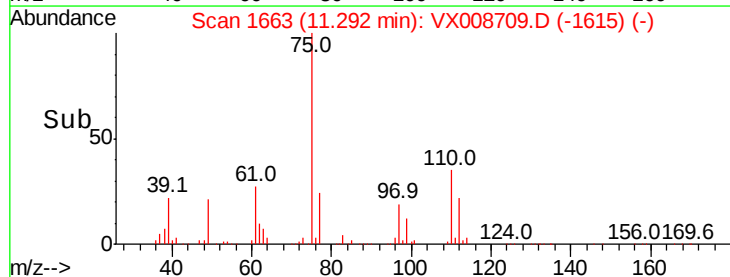
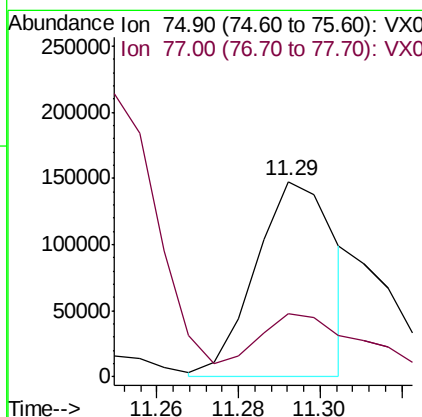
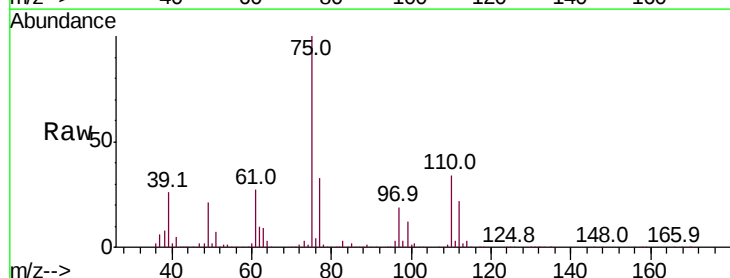
RT: 11.29 min Scan# 1663

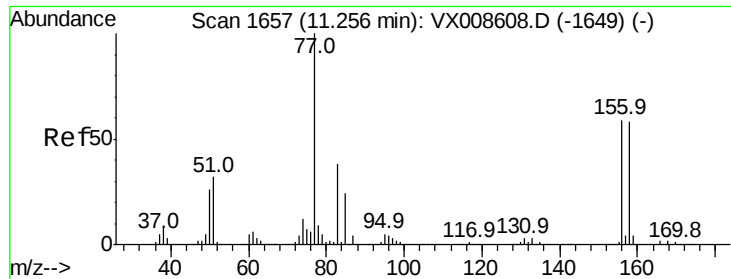
Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	75	Resp:	198689
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.3	66.8





#77

Bromobenzene

Concen: 51.407 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

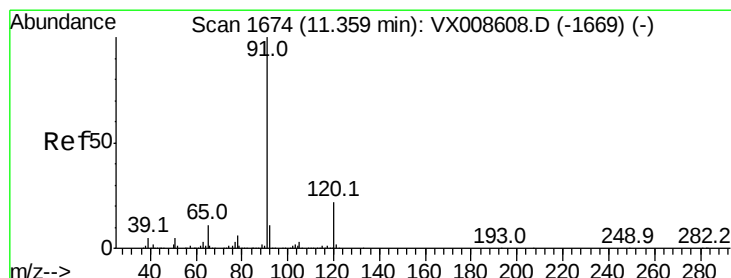
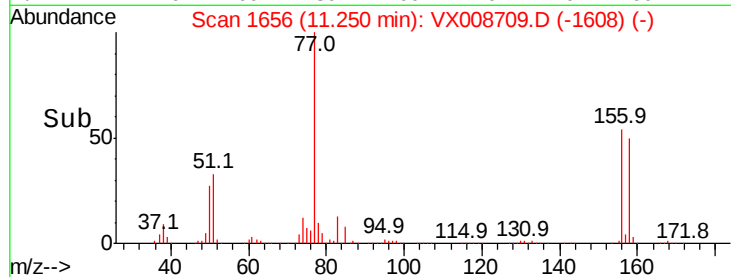
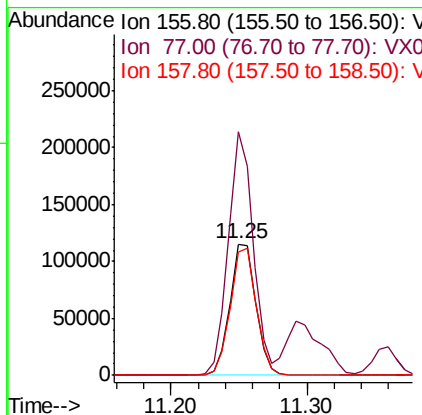
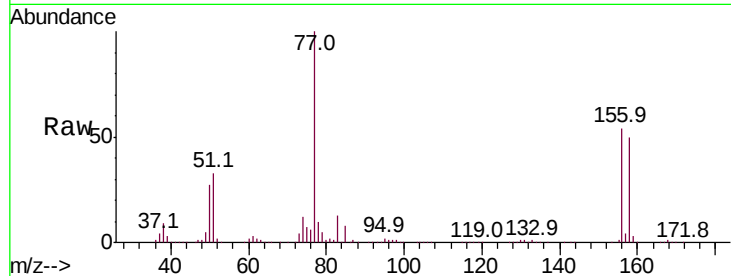
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	153487
Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.8	269.6
158	96.4	48.6	145.9

Manual Integrations
APPROVED

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4/9/2019 1:37:25 PM



#78

n-propylbenzene

Concen: 53.074 ug/l

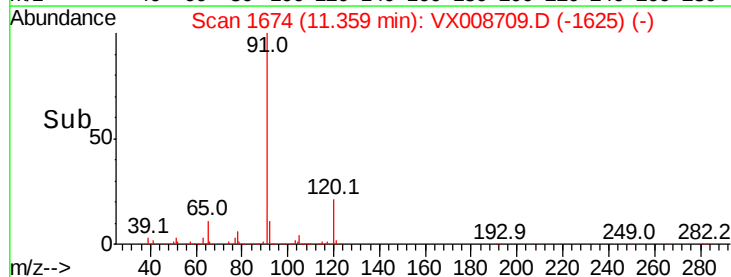
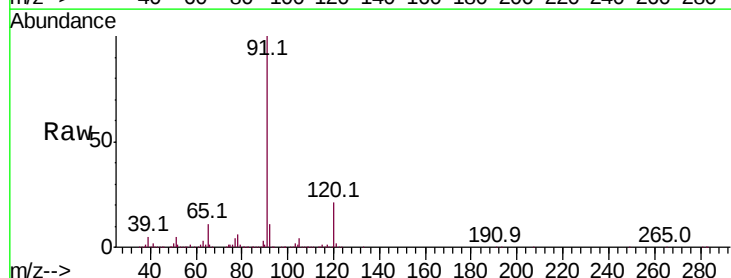
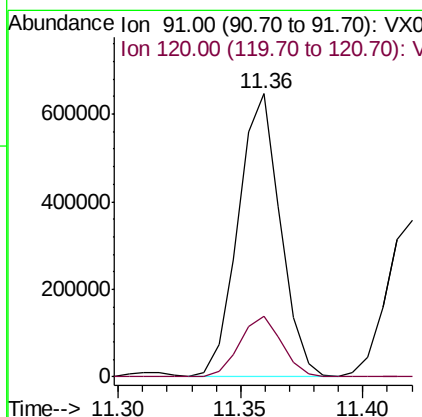
RT: 11.36 min Scan# 1674

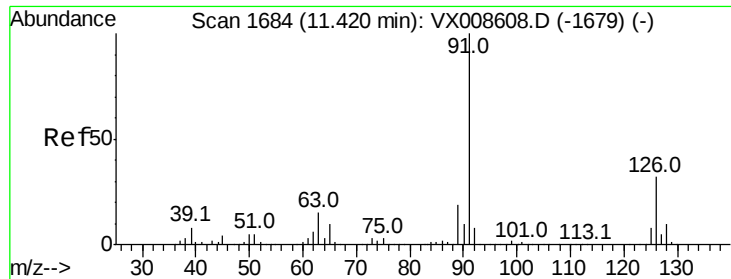
Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Tgt Ion:	91	Resp:	767508
Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.9	32.7





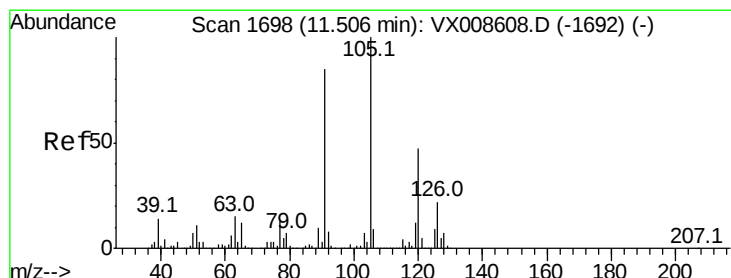
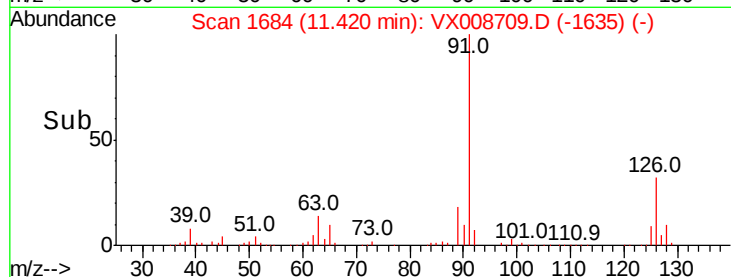
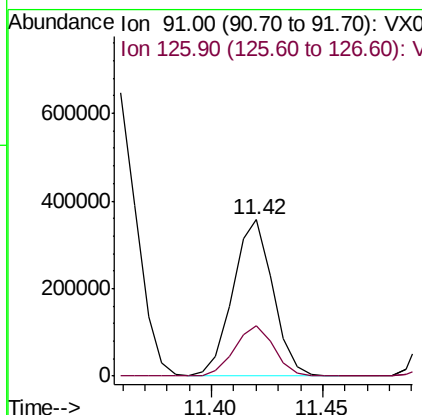
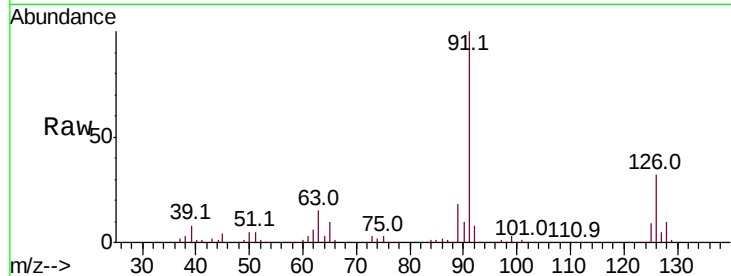
#79
2-Chlorotoluene
Concen: 50.888 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 445331
Ion Ratio Lower Upper
91 100
126 31.9 16.1 48.3

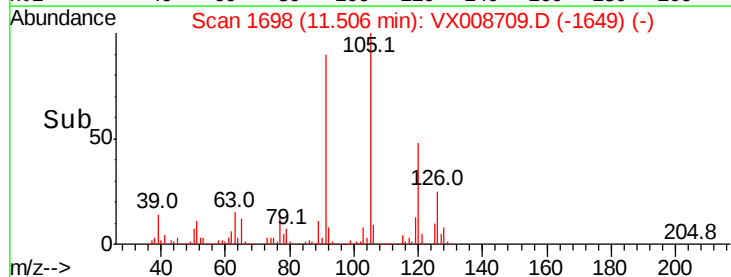
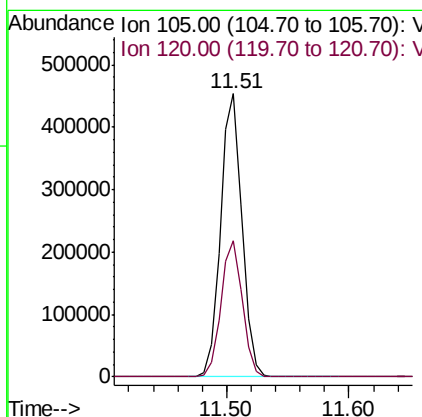
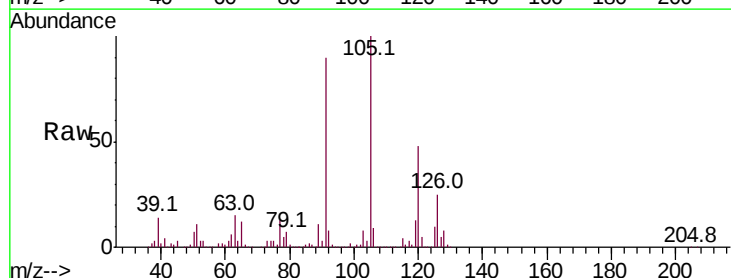
Manual Integrations
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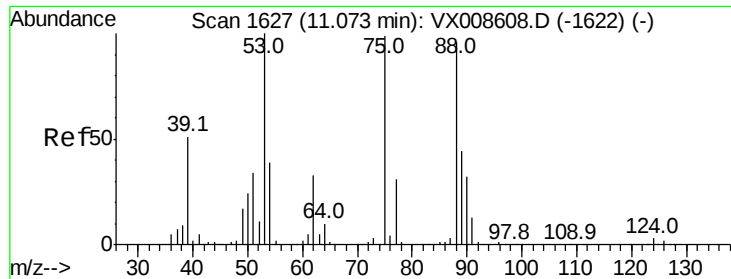
MMDadoda
4/9/2019 1:37:25 PM



#80
1,3,5-Trimethylbenzene
Concen: 52.560 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion: 105 Resp: 547961
Ion Ratio Lower Upper
105 100
120 48.1 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.592 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 81534

Ion Ratio Lower Upper

75 100

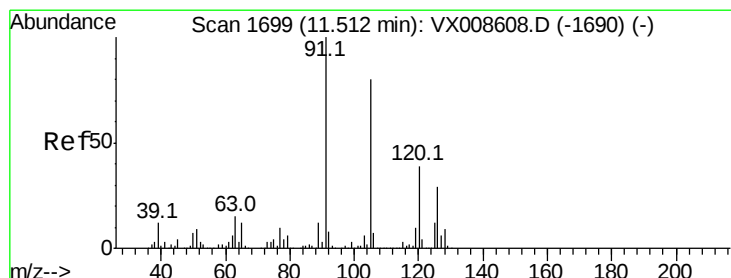
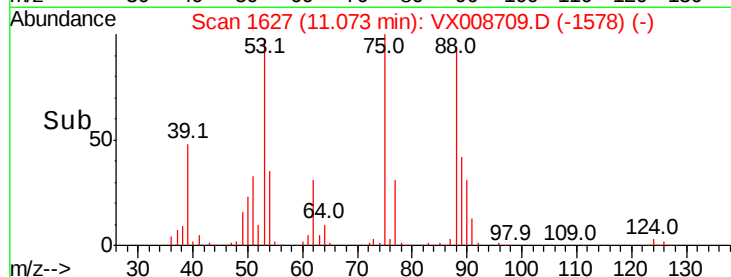
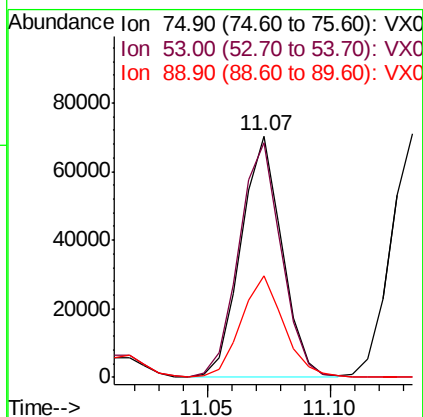
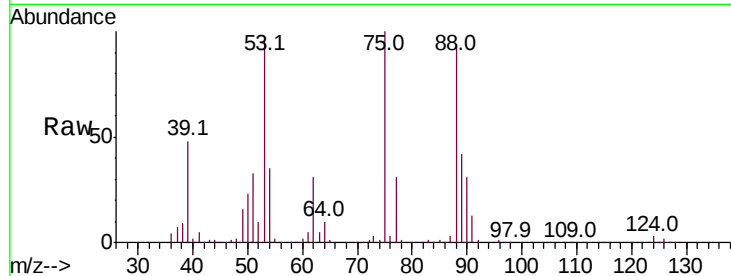
53 101.0 81.3 121.9

89 44.1 35.6 53.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.332 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008709.D

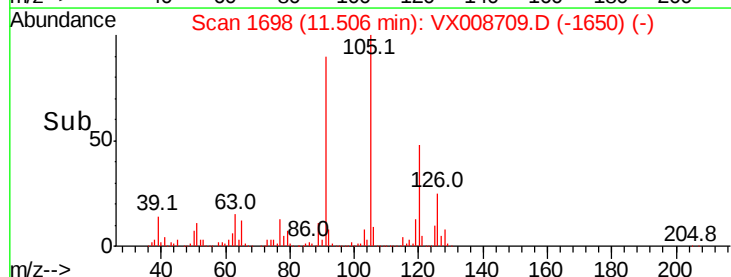
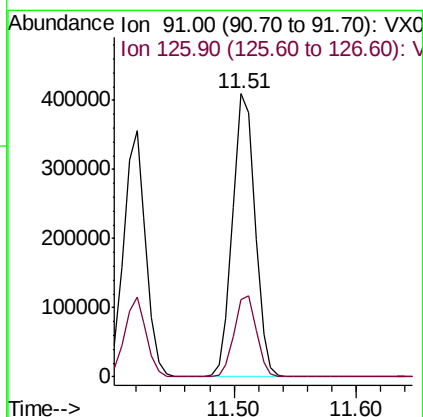
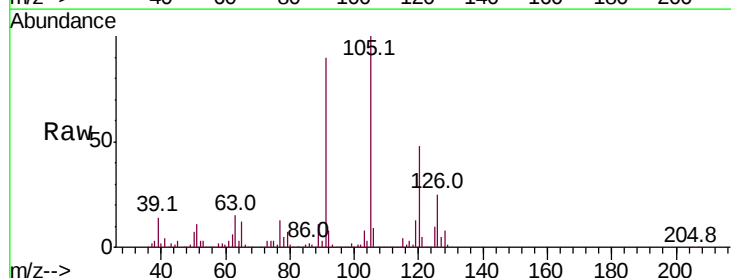
Acq: 06 Apr 2019 10:21

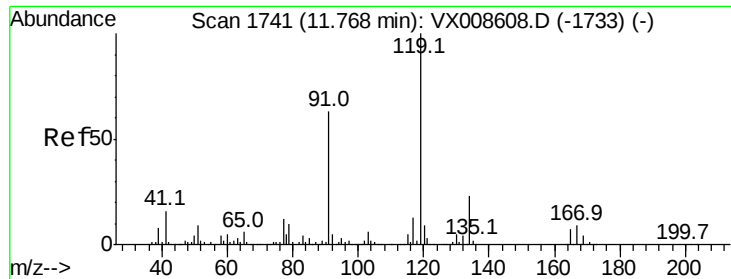
Tgt Ion: 91 Resp: 519984

Ion Ratio Lower Upper

91 100

126 28.3 13.9 41.6





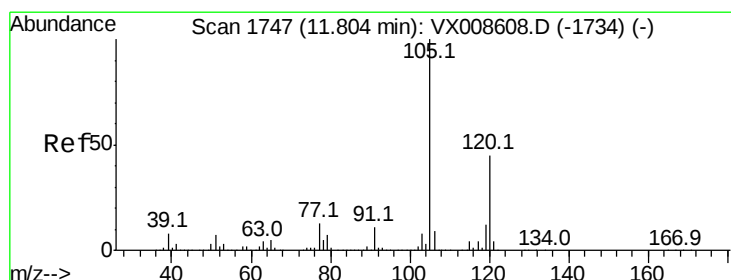
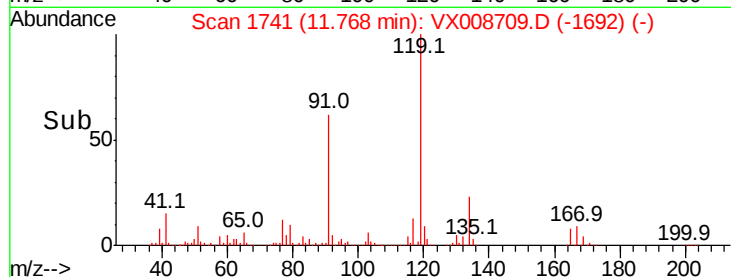
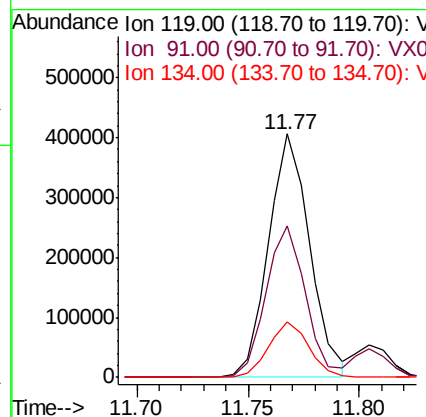
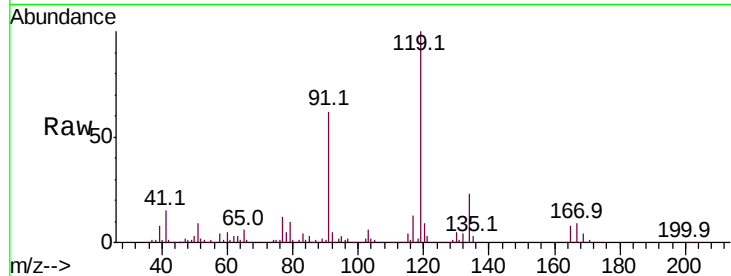
#83
 tert-Butylbenzene
 Concen: 51.985 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	521406		
91	60.1	30.0	90.1	
134	22.2	11.1	33.3	

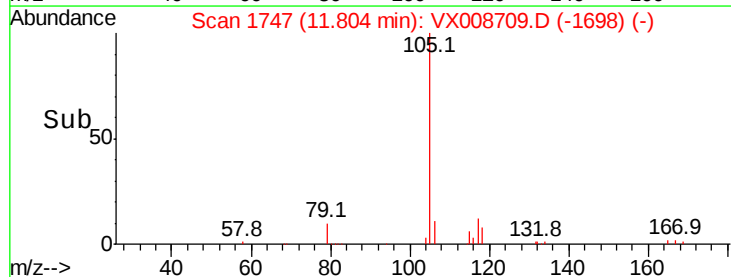
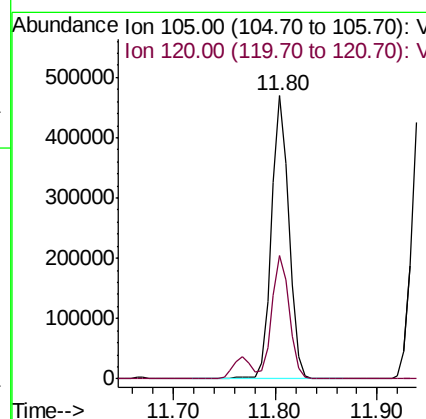
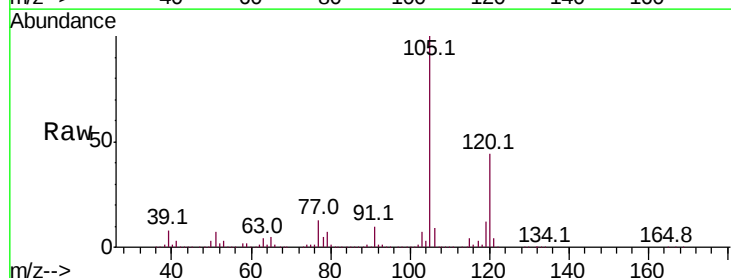
Manual Integrations
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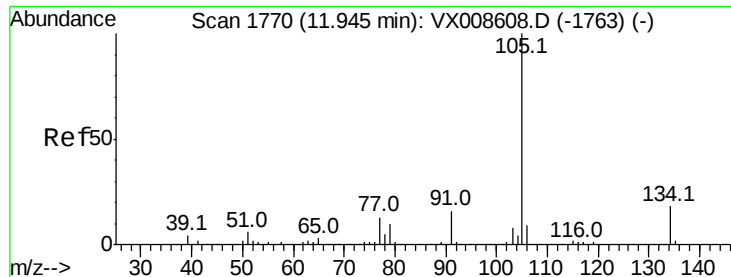
MMDadoda
 4/9/2019 1:37:25 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.682 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	556131		
120	43.9	21.8	65.3	





#85

sec-Butylbenzene

Concen: 53.061 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 632154

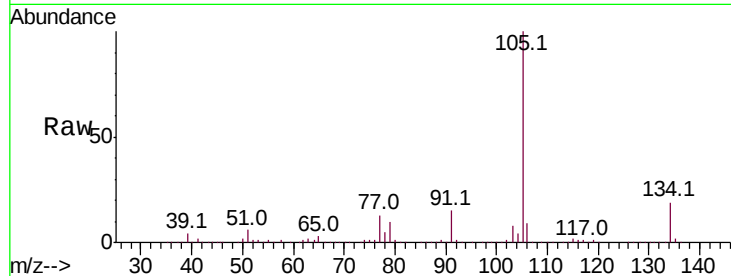
Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2

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

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

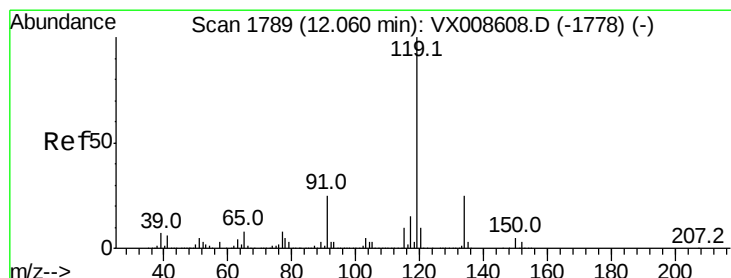
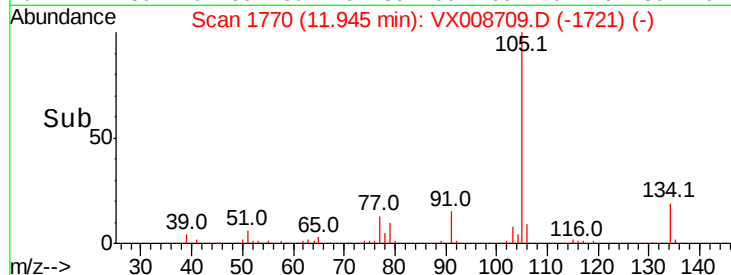
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.837 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008709.D

Acq: 06 Apr 2019 10:21

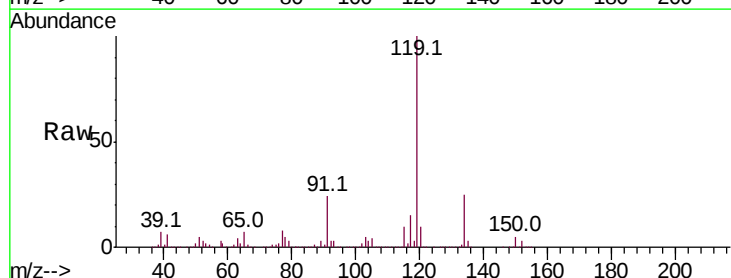
Tgt Ion:119 Resp: 575689

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 24.1 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

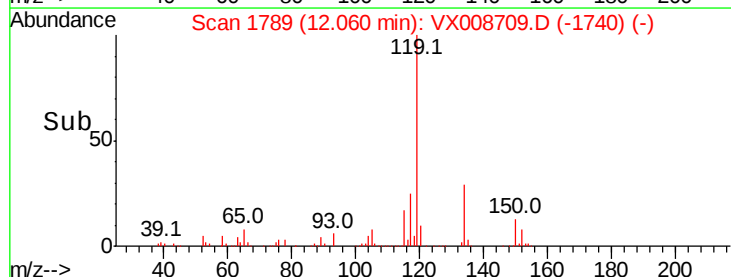
600000

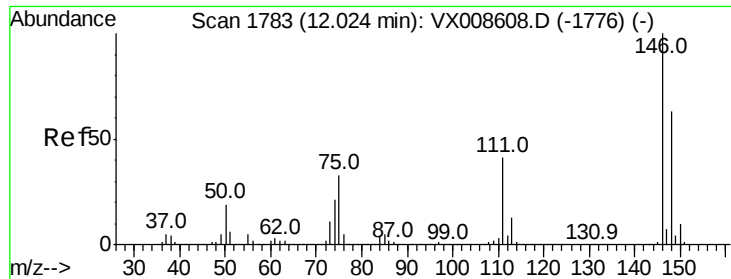
400000

200000

0

Time-->





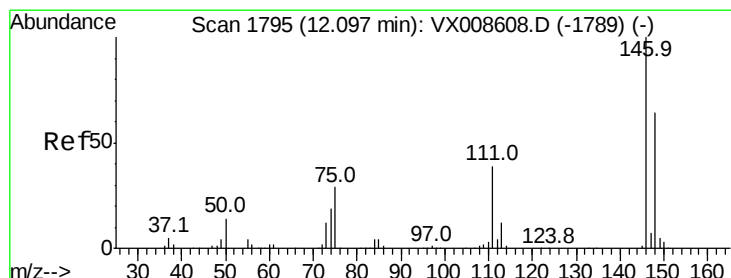
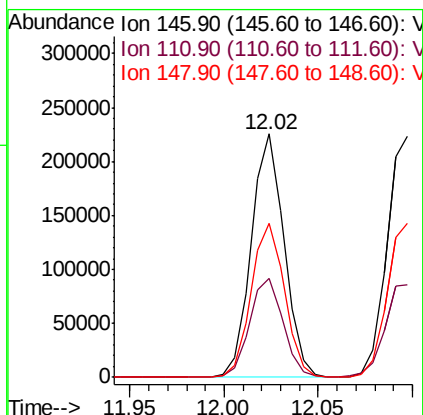
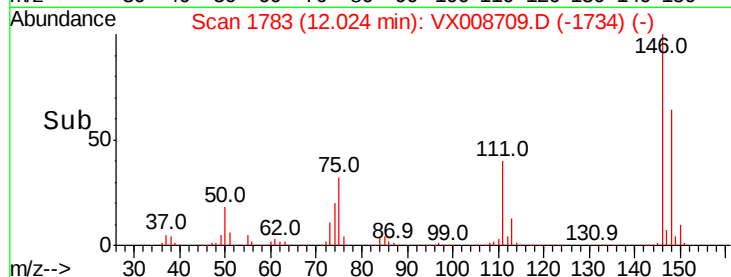
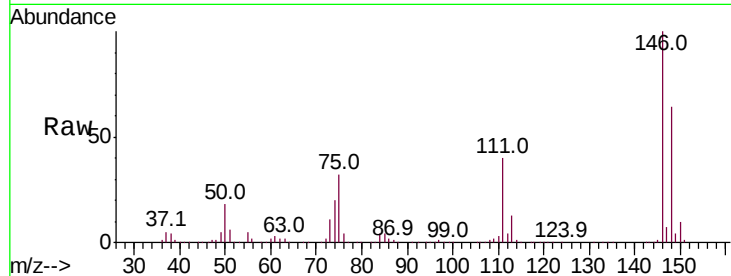
#87
 1,3-Dichlorobenzene
 Concen: 50.965 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.5
148	64.4	31.6	94.7

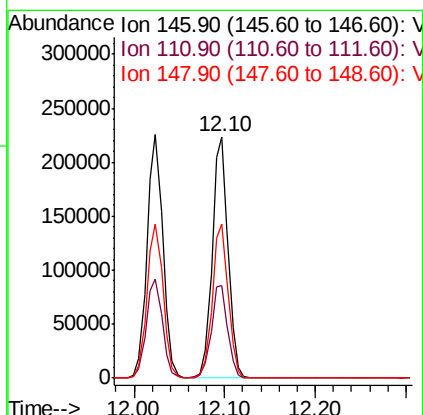
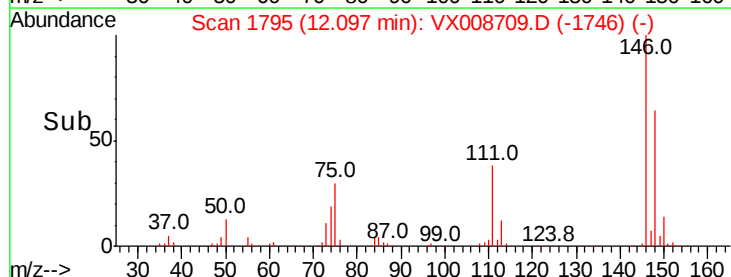
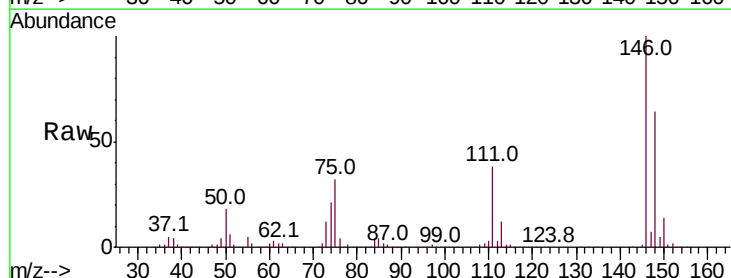
Manual Integrations
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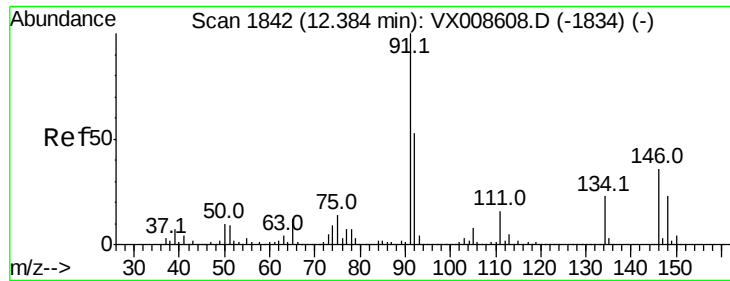
MMDadoda
 4/9/2019 1:37:25 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.828 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	64.1	32.0	96.0





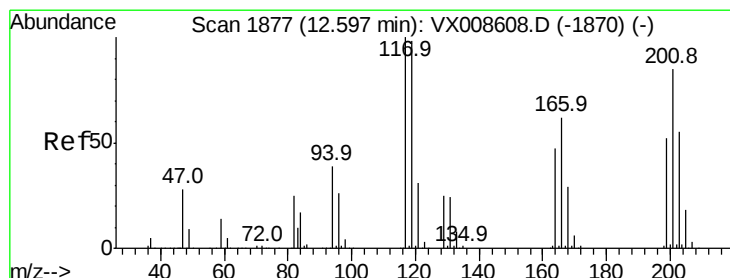
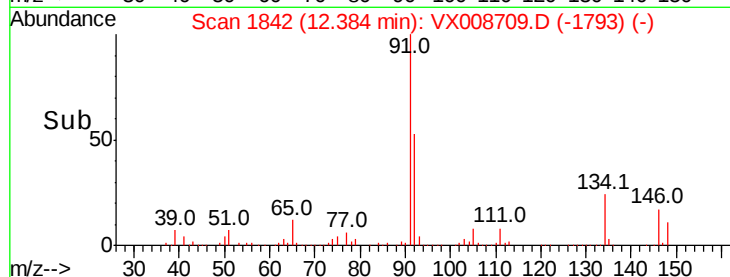
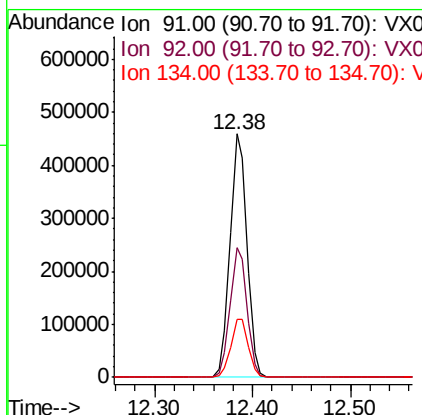
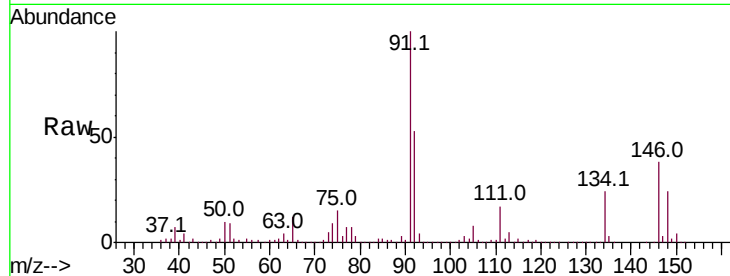
#89
n-Butylbenzene
Concen: 54.956 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	24.5	12.0	36.0

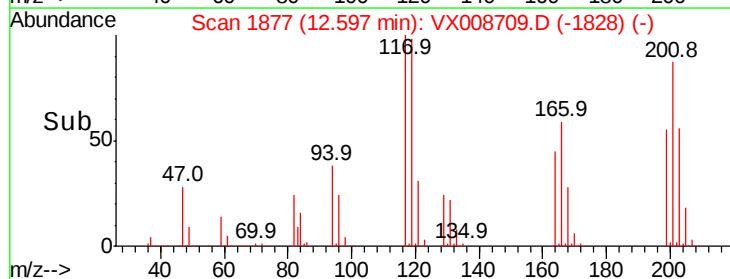
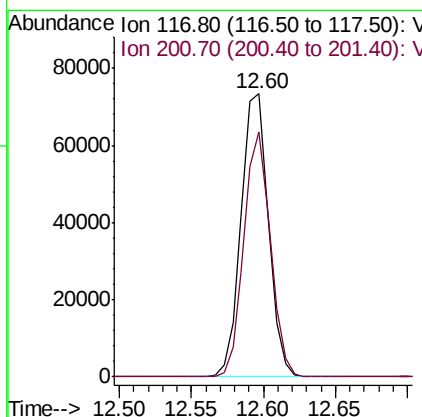
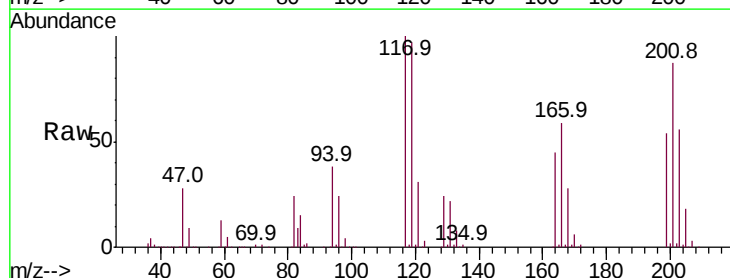
Manual Integrations
APPROVED

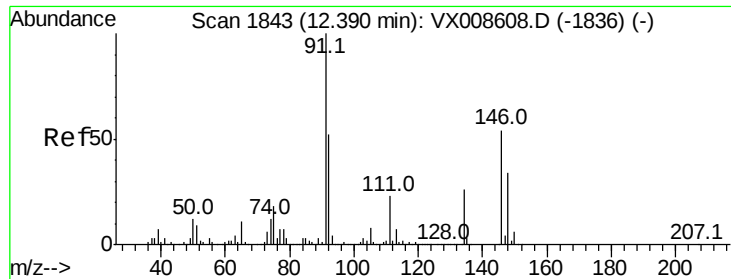
MMDadoda
4/9/2019 1:37:25 PM



#90
Hexachloroethane
Concen: 54.595 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.3	40.6	122.0





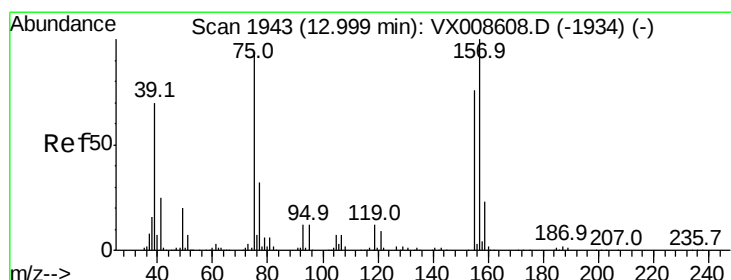
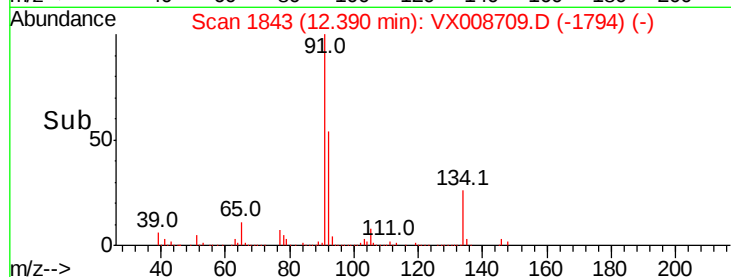
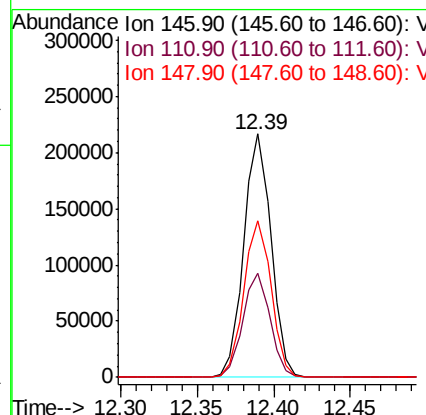
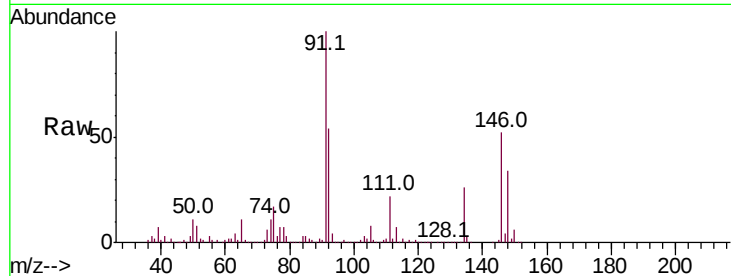
#91
 1,2-Dichlorobenzene
 Concen: 50.345 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	267185		
111	42.7	21.3	63.9	
148	64.7	31.7	95.1	

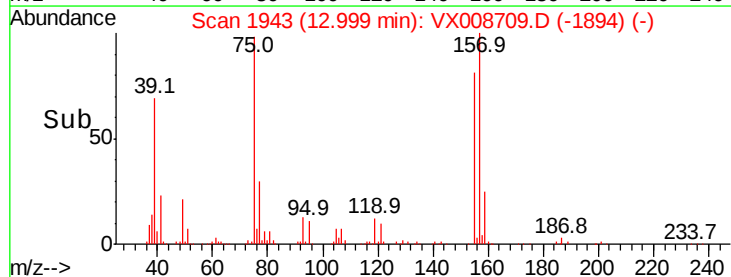
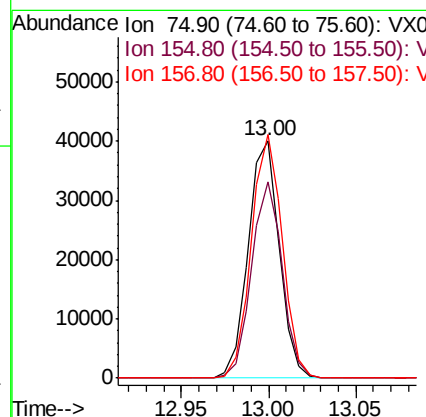
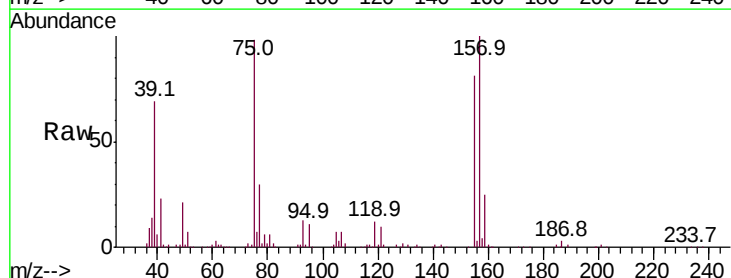
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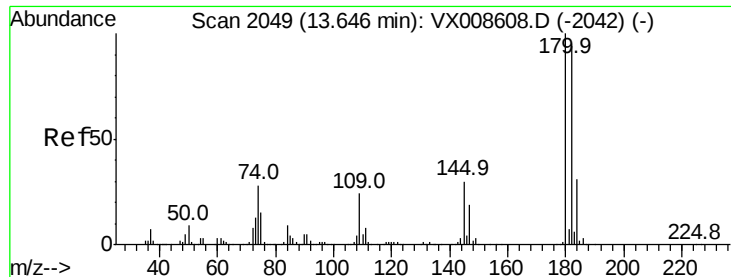
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.950 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49823		
155	81.1	39.9	119.6	
157	101.9	51.5	154.7	





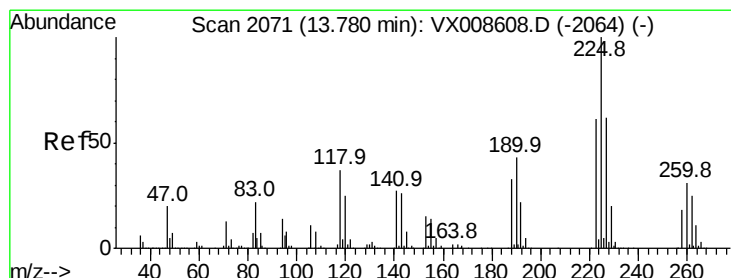
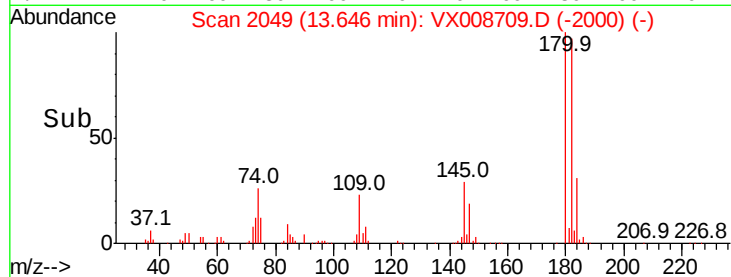
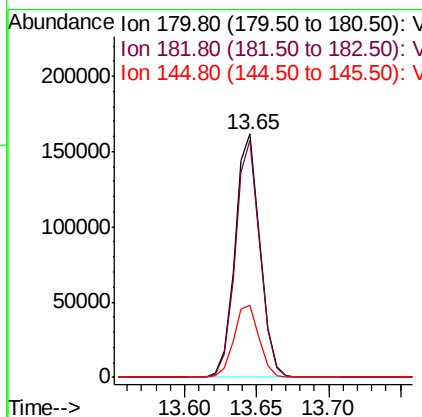
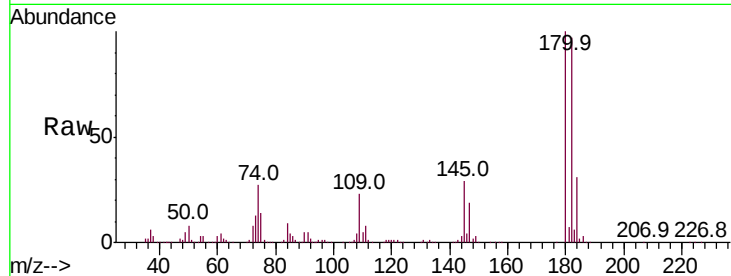
#93
 1,2,4-Trichlorobenzene
 Concen: 52.843 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	194989		
182	95.8	47.2	141.6	
145	30.2	15.3	45.9	

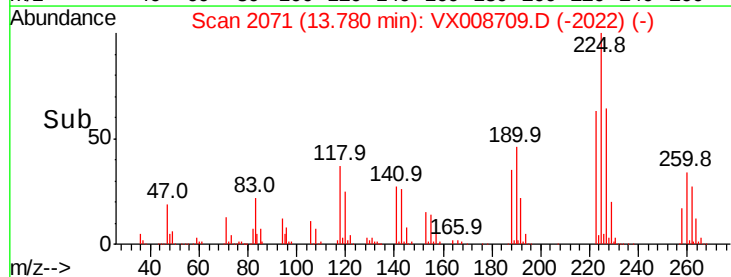
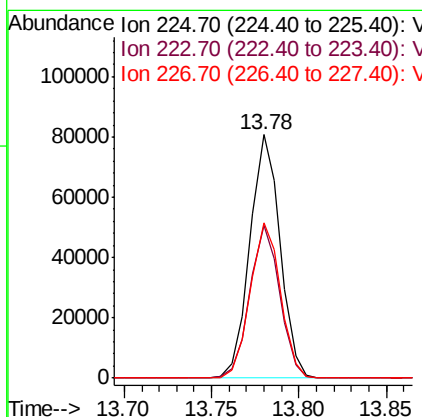
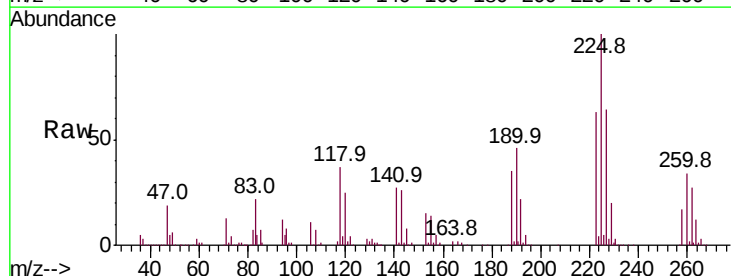
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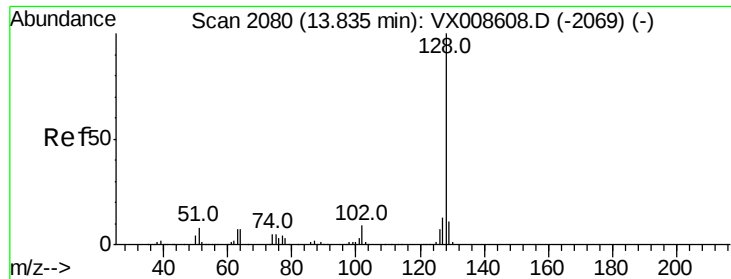
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#94
 Hexachlorobutadiene
 Concen: 54.724 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008709.D
 Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	96841		
223	62.3	31.2	93.6	
227	64.0	31.9	95.5	





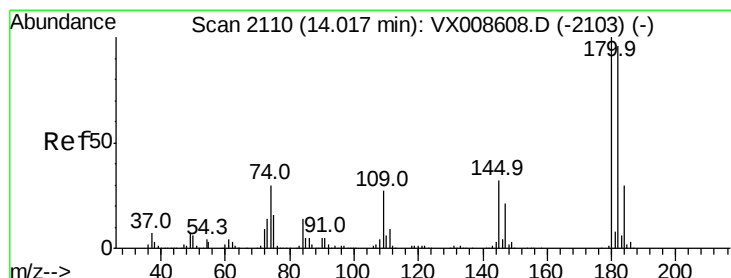
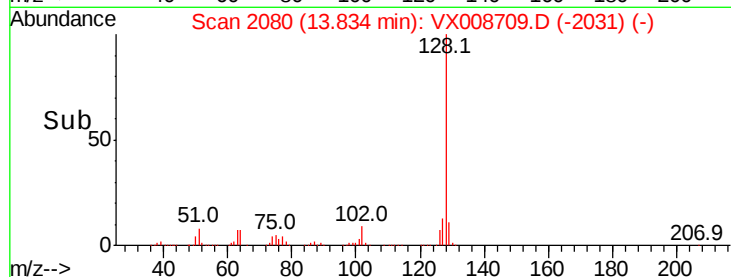
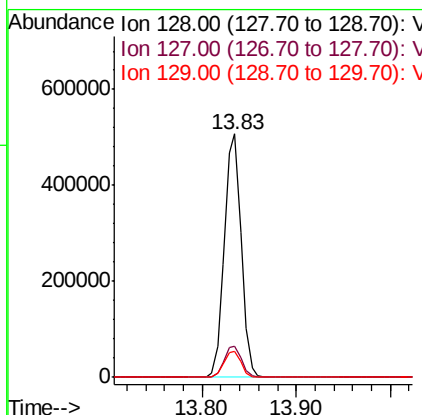
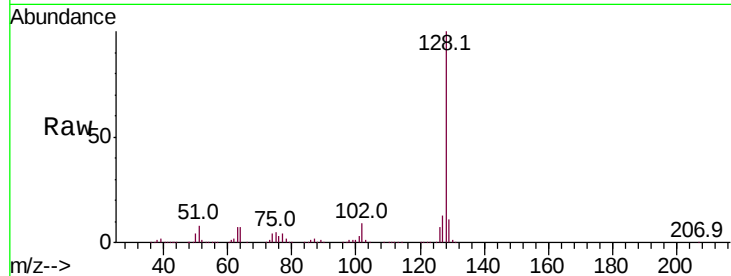
#95
Naphthalene
Concen: 50.974 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.555 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008709.D
Acq: 06 Apr 2019 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.1	144.3
145	31.2	16.3	48.8

