

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX008007.D
 Acq On : 12 Mar 2019 10:41
 Operator : JC/SP
 Sample : K1793-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Manual Integrations
 APPROVED

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 3/12/2019 3:24:17 PM

Quant Time: Mar 12 13:49:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	121198	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.04%		
35) Dibromofluoromethane	5.50	113	108214	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.36%		
50) Toluene-d8	8.71	98	401565	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.38%		
62) 4-Bromofluorobenzene	11.13	95	140187	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88981	45.345	ug/l	100
3) Chloromethane	1.33	50	116708	46.151	ug/l	100
4) Vinyl Chloride	1.41	62	122379	48.704	ug/l	98
5) Bromomethane	1.64	94	62619	53.177	ug/l	97
6) Chloroethane	1.72	64	76327	45.726	ug/l	99
7) Trichlorofluoromethane	1.93	101	162915	49.799	ug/l	96
8) Diethyl Ether	2.19	74	72570	51.227	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96470	47.586	ug/l	99
10) Methyl Iodide	2.51	142	157334	54.705	ug/l	99
11) Tert butyl alcohol	3.07	59	144983	267.570	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98185	50.244	ug/l	99
13) Acrolein	2.30	56	73823	240.807	ug/l	100
14) Allyl chloride	2.73	41	187937	45.768	ug/l	99
15) Acrylonitrile	3.15	53	340778	249.165	ug/l	100
16) Acetone	2.45	43	285138	203.320	ug/l	99
17) Carbon Disulfide	2.57	76	287851	48.493	ug/l	100
18) Methyl Acetate	2.78	43	118461	39.761	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348468	51.834	ug/l	99
20) Methylene Chloride	2.86	84	111438	49.929	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	105133	48.894	ug/l	96
22) Diisopropyl ether	3.87	45	365586	48.568	ug/l	97
23) Vinyl Acetate	3.82	43	1140389	172.763	ug/l	99
24) 1,1-Dichloroethane	3.70	63	202292	49.939	ug/l	99
25) 2-Butanone	4.70	43	463611	233.504	ug/l	98
26) 2,2-Dichloropropane	4.58	77	82167	30.617	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	122053	49.605	ug/l	94
28) Bromochloromethane	5.02	49	93323	49.416	ug/l	96
29) Tetrahydrofuran	5.15	42	308681	249.247	ug/l	98
30) Chloroform	5.21	83	196406	51.257	ug/l	100
31) Cyclohexane	5.57	56	178810	48.029	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	164433	51.720	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145234	46.626	ug/l	99
37) Ethyl Acetate	4.85	43	130116	35.201	ug/l	99
38) Carbon Tetrachloride	5.78	117	144600	48.899	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	171065	45.323	ug/l	99
40) Benzene	6.14	78	457341	49.319	ug/l	100
41) Methacrylonitrile	5.06	41	97925	48.592	ug/l	98
42) 1,2-Dichloroethane	6.20	62	147226	48.548	ug/l	100
43) Isopropyl Acetate	6.46	43	224924	41.116	ug/l	99
44) Trichloroethene	7.21	130	151080	59.120	ug/l	98
45) 1,2-Dichloropropane	7.51	63	120932	49.376	ug/l	98
46) Dibromomethane	7.66	93	77042	49.705	ug/l	99
47) Bromodichloromethane	7.90	83	146109	49.719	ug/l	100
48) Methyl methacrylate	7.77	41	139944	48.656	ug/l	98
49) 1,4-Dioxane	7.75	88	61506	1041.013	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	866739	246.366	ug/l	99
52) Toluene	8.79	92	279402	49.352	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148108	48.287	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165568	47.801	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118109	51.535	ug/l	99
56) Ethyl methacrylate	9.18	69	174954	50.843	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192650	50.064	ug/l	100
59) 2-Hexanone	9.49	43	651616	238.567	ug/l	99
60) Dibromochloromethane	9.59	129	123018	51.354	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122719	50.434	ug/l	99
64) Tetrachloroethene	9.34	164	120895	48.226	ug/l	98
65) Chlorobenzene	10.14	112	309827	48.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116449	51.328	ug/l	99
67) Ethyl Benzene	10.25	91	516925	49.609	ug/l	100
68) m/p-Xylenes	10.36	106	397850	99.056	ug/l	100
69) o-Xylene	10.69	106	194708	50.213	ug/l	98
70) Styrene	10.71	104	321504	50.668	ug/l	100
71) Bromoform	10.86	173	97321	49.952	ug/l #	100
73) Isopropylbenzene	11.02	105	516147	50.016	ug/l	100
74) N-amyl acetate	10.90	43	161982	34.382	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	168668	47.383	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139344m	43.519	ug/l	
77) Bromobenzene	11.26	156	139042	49.144	ug/l	98
78) n-propylbenzene	11.36	91	565365	49.383	ug/l	100
79) 2-Chlorotoluene	11.42	91	340029	48.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428160	50.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43008	42.935	ug/l	99
82) 4-Chlorotoluene	11.51	91	391726	48.832	ug/l	100
83) tert-Butylbenzene	11.77	119	436123	50.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437913	50.294	ug/l	100
85) sec-Butylbenzene	11.94	105	502619	49.881	ug/l	99
86) p-Isopropyltoluene	12.06	119	451303	50.010	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241240	48.196	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241780	47.167	ug/l	100
89) n-Butylbenzene	12.39	91	367760	48.102	ug/l	99
90) Hexachloroethane	12.60	117	74922	49.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	241329	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35998	48.389	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	169407	48.497	ug/l	99

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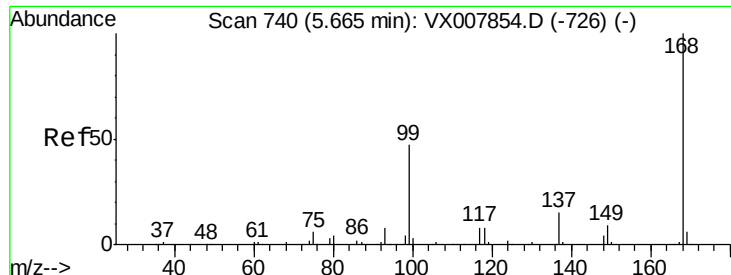
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85677	46.913	ug/l	100
95) Naphthalene	13.83	128	518204	51.486	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	172136	49.467	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008007.D

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Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 168 Resp: 229683

Ion Ratio Lower Upper

168 100

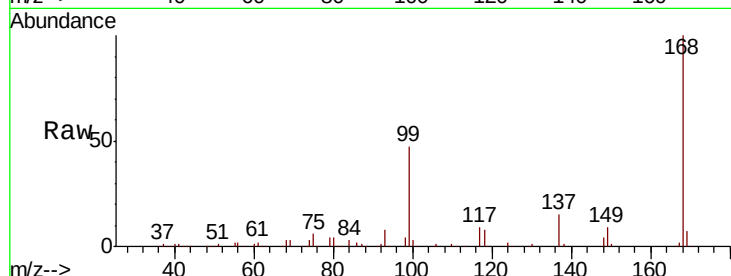
99 47.1 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

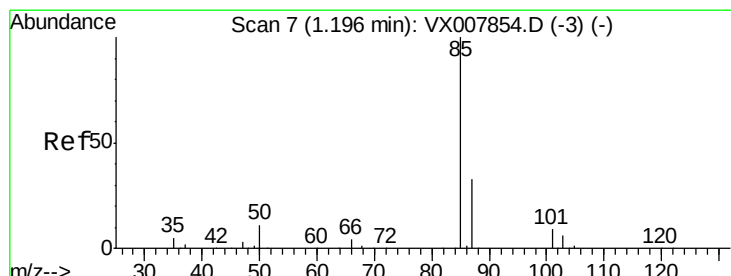
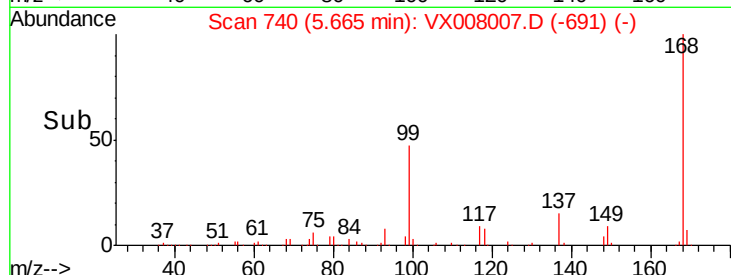
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.345 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008007.D

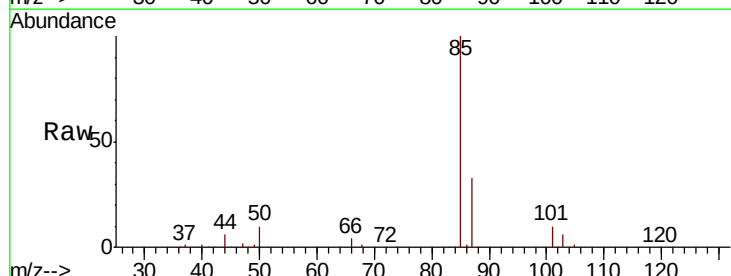
Acq: 12 Mar 2019 10:41

Tgt Ion: 85 Resp: 88981

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

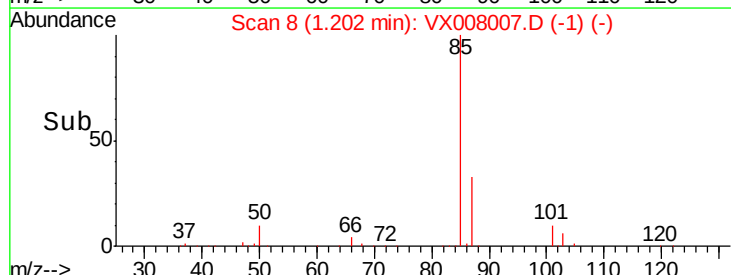
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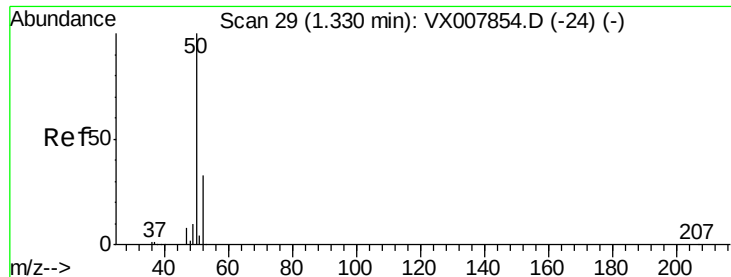
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.151 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 50 Resp: 116708

Ion Ratio Lower Upper

50 100

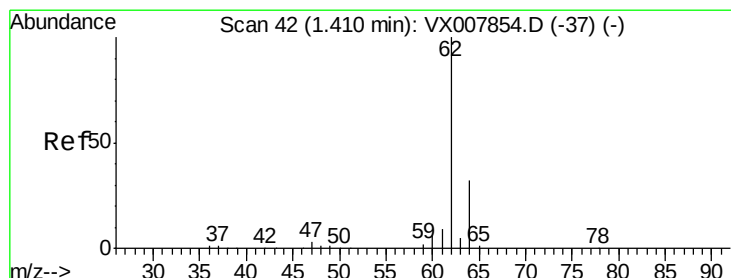
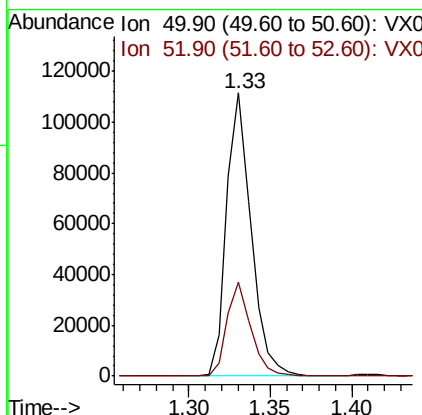
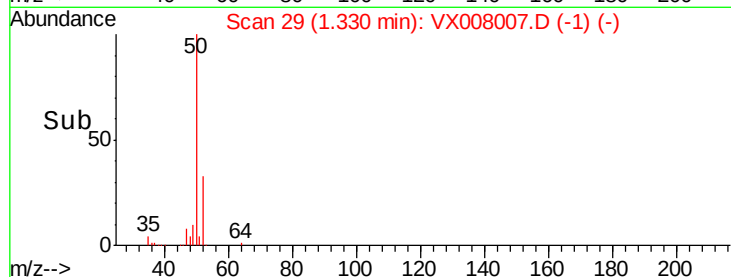
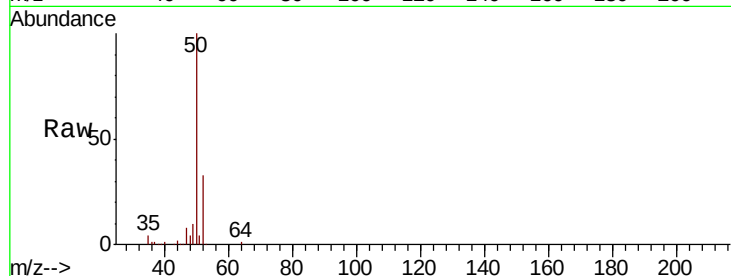
52 33.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.704 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008007.D

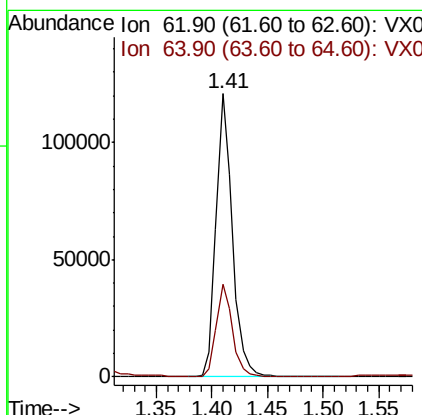
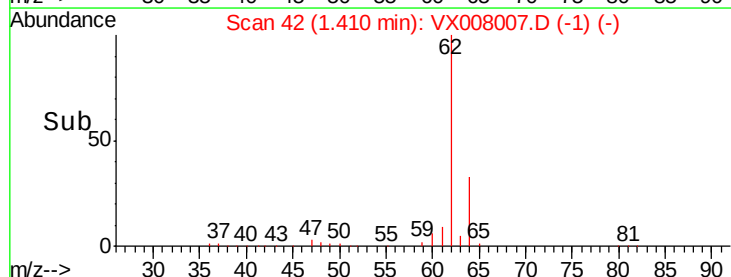
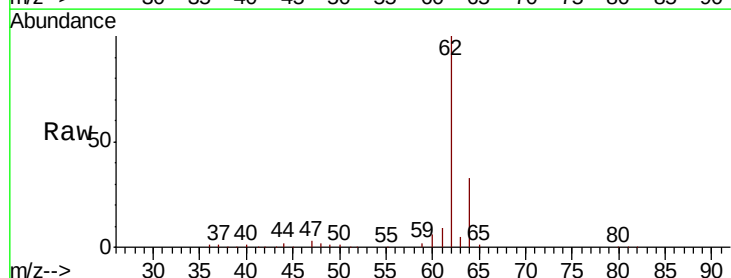
Acq: 12 Mar 2019 10:41

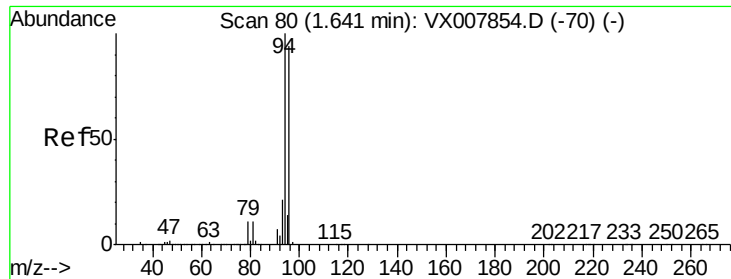
Tgt Ion: 62 Resp: 122379

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 53.177 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 94 Resp: 62619

Ion Ratio Lower Upper

94 100

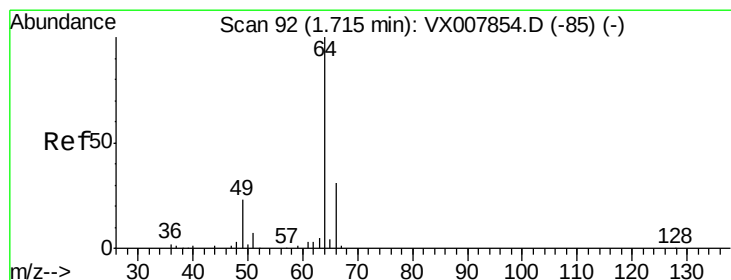
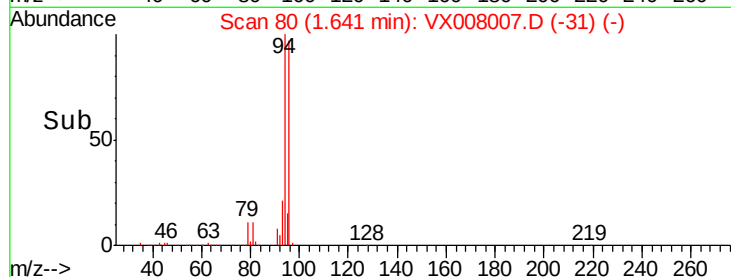
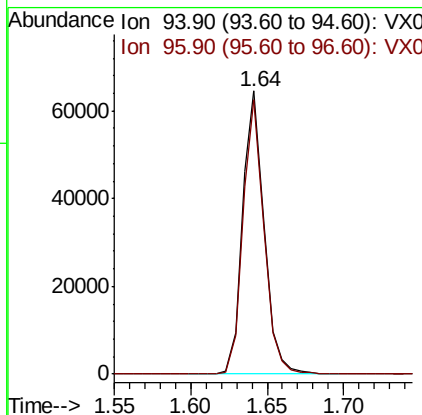
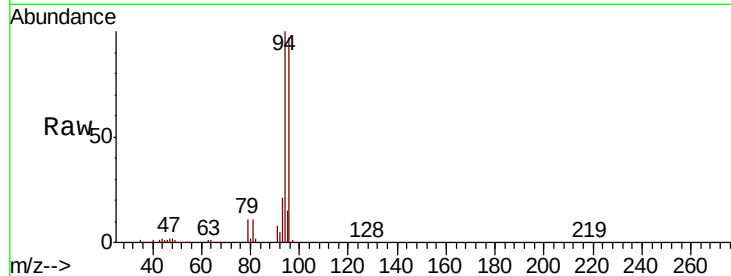
96 96.9 75.5 113.3

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#6

Chloroethane

Concen: 45.726 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008007.D

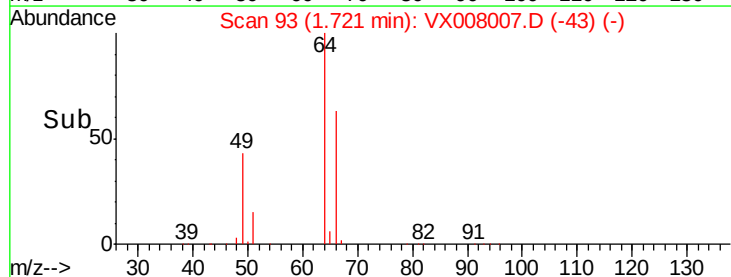
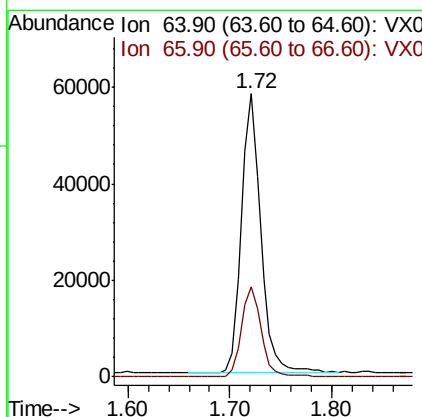
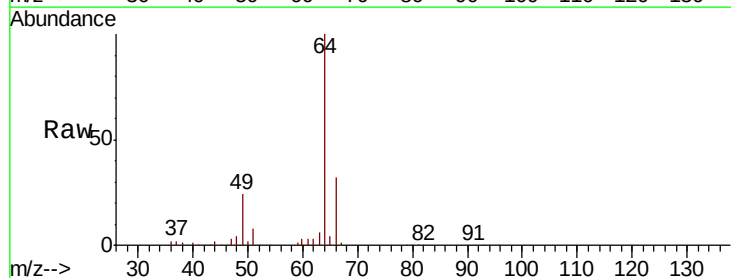
Acq: 12 Mar 2019 10:41

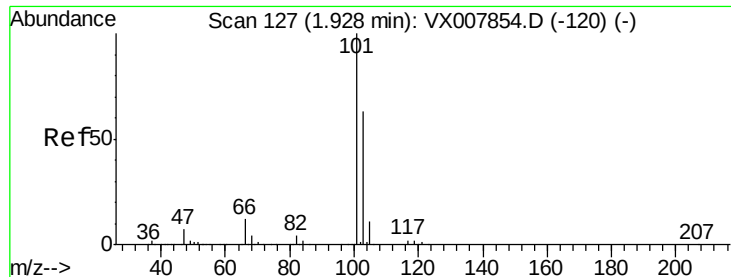
Tgt Ion: 64 Resp: 76327

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8





#7

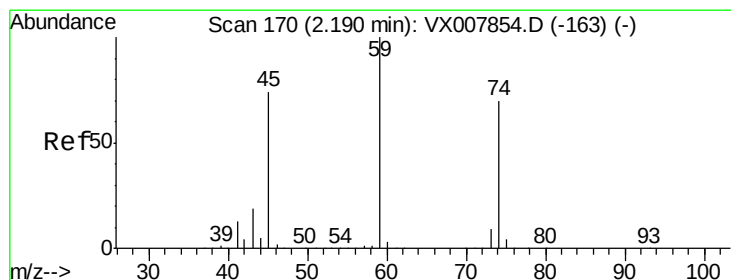
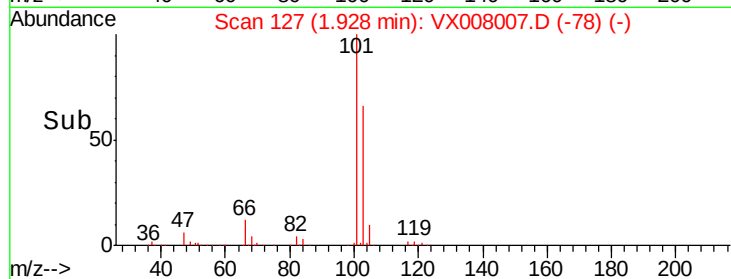
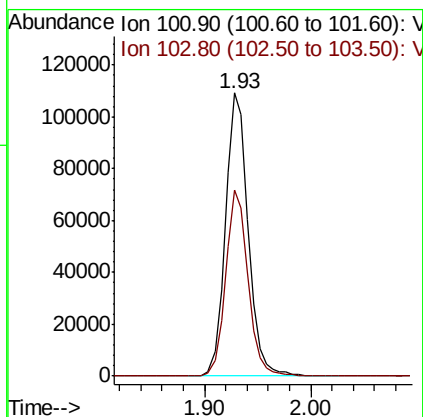
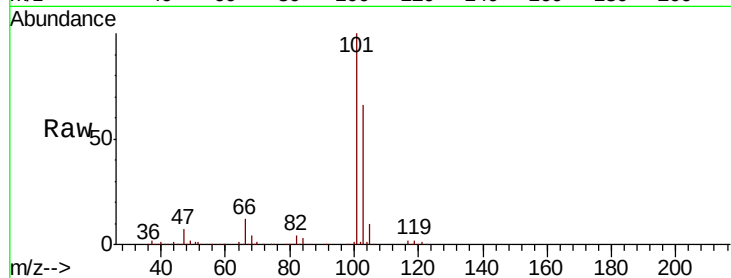
Trichlorofluoromethane
Concen: 49.799 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008007.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	162915		
103	65.8	50.4	75.6	

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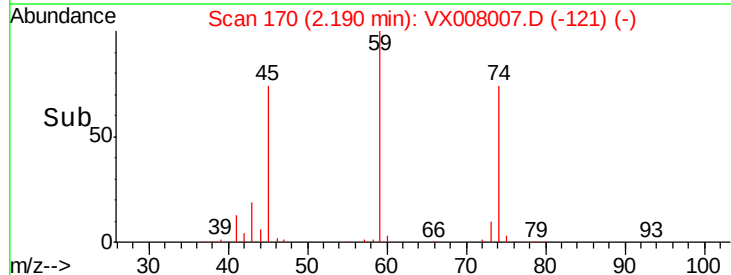
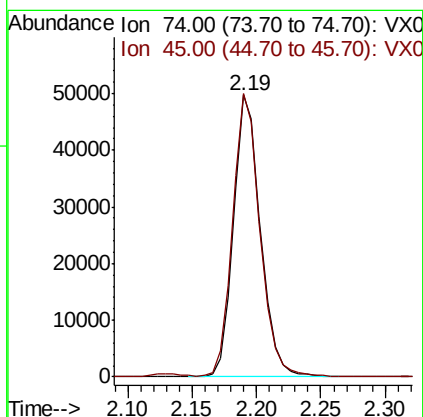
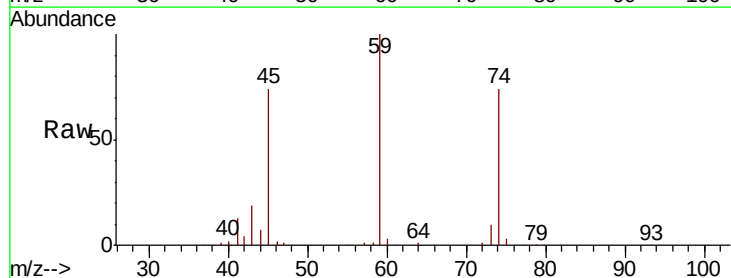
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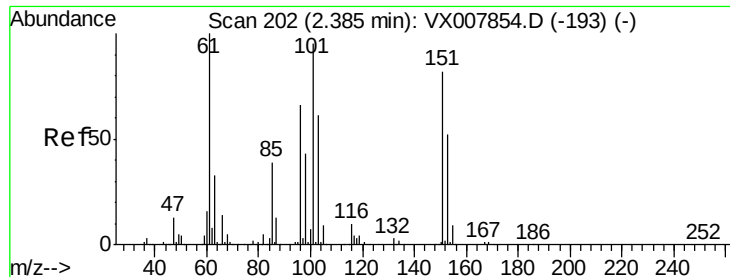


#8

Diethyl Ether
Concen: 51.227 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72570		
45	100.5	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.586 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

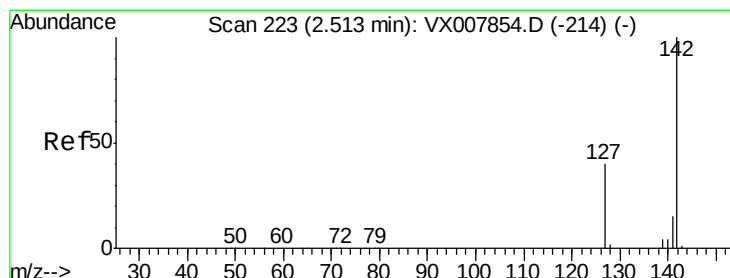
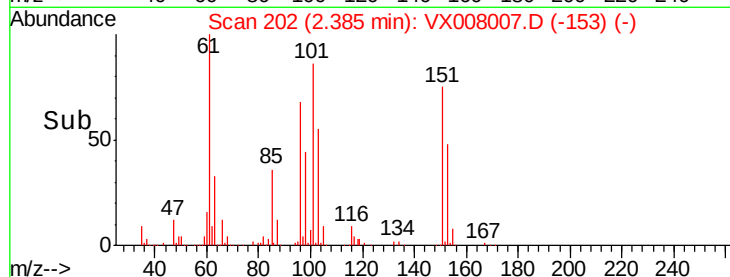
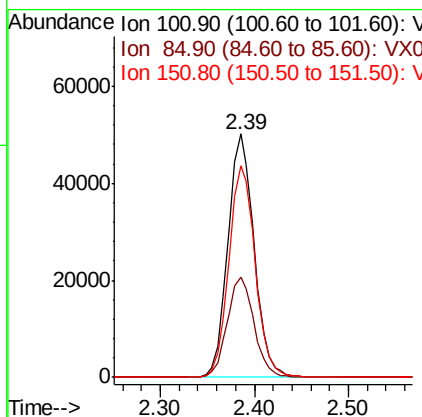
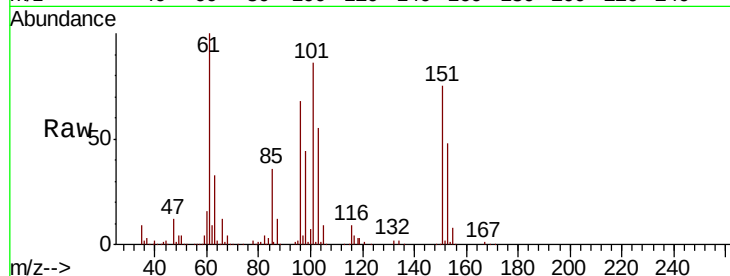
ClientSampleId :

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Tgt Ion:	101	Resp:	96470
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.6
151	87.8	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 54.705 ug/l

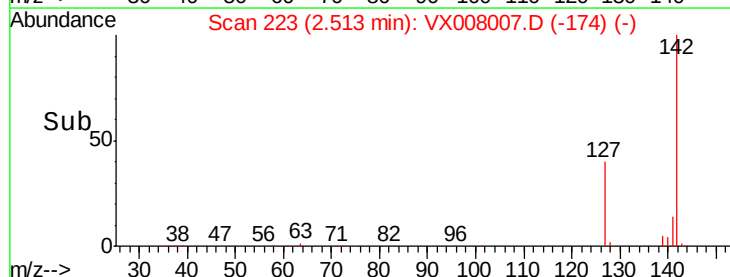
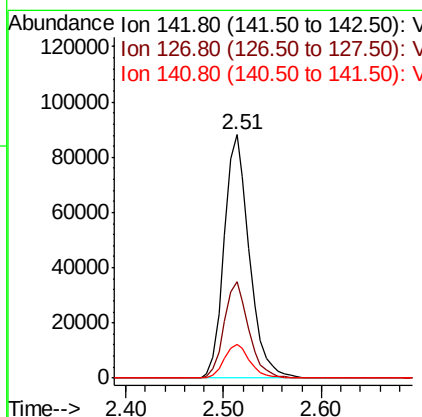
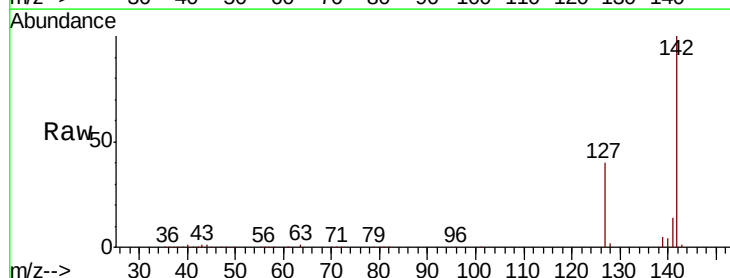
RT: 2.51 min Scan# 223

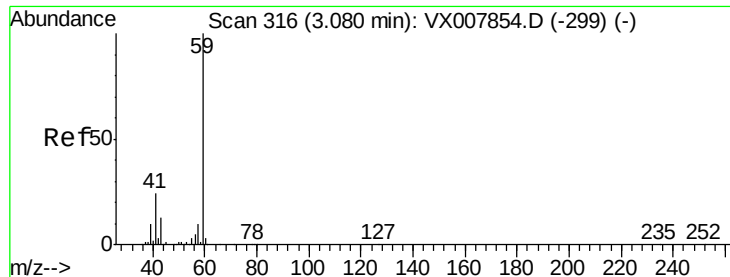
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	142	Resp:	157334
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.1	48.1
141	14.2	11.4	17.2





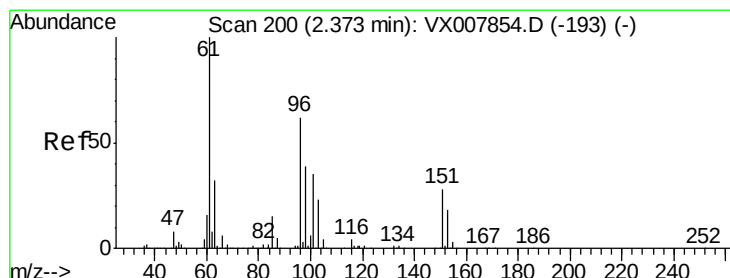
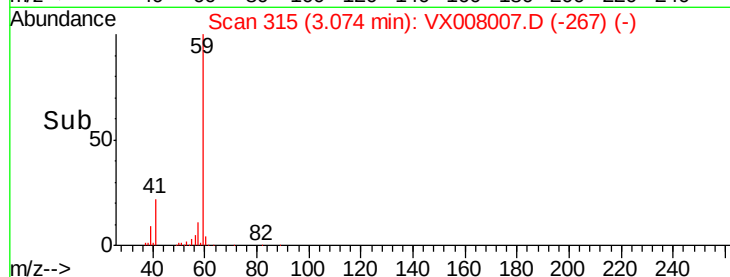
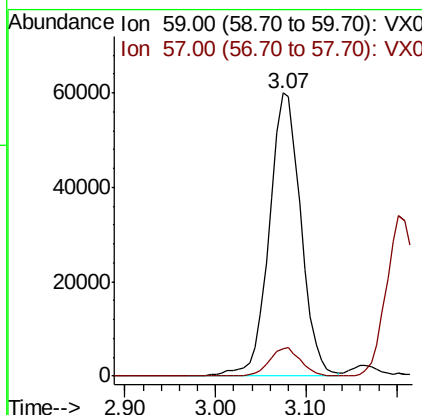
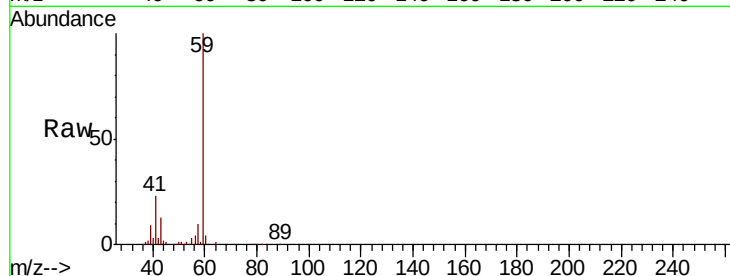
#11
Tert butyl alcohol
Concen: 267.570 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 59 Resp: 144983
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

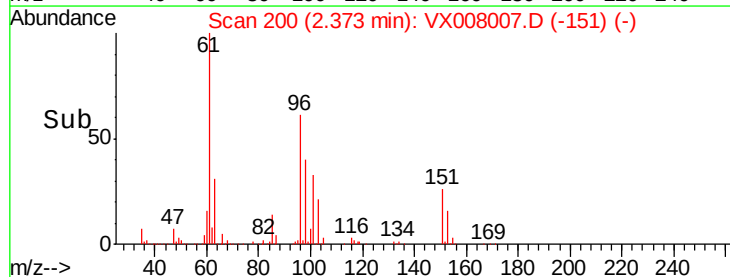
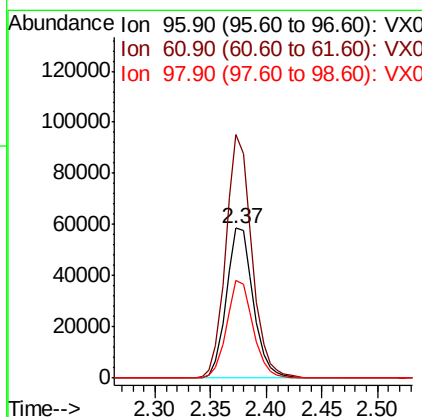
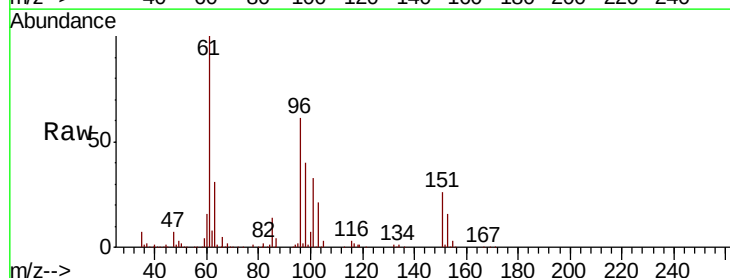
Manual Integrations
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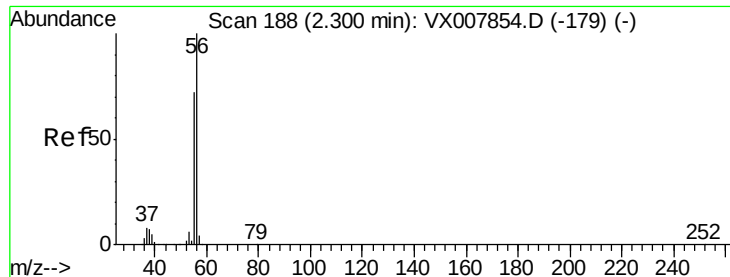
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.244 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 96 Resp: 98185
Ion Ratio Lower Upper
96 100
61 162.6 129.8 194.6
98 65.0 51.0 76.6





#13

Acrolein

Concen: 240.807 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 56 Resp: 73823

Ion Ratio Lower Upper

56 100

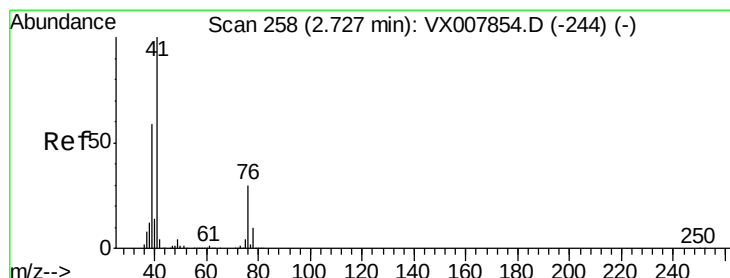
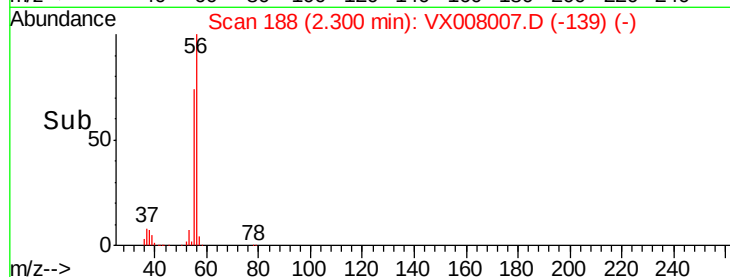
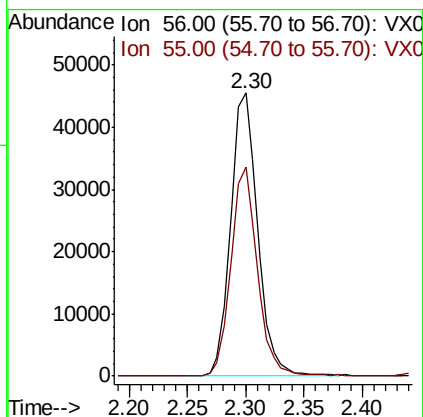
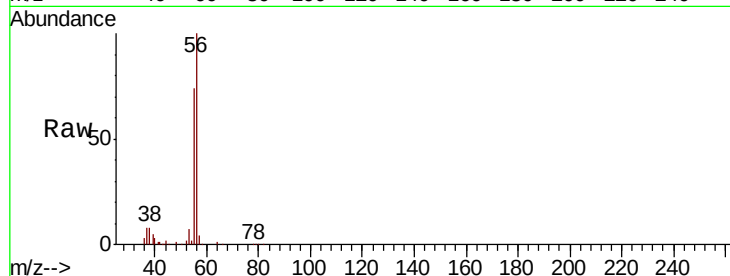
55 72.3 57.8 86.6

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#14

Allyl chloride

Concen: 45.768 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

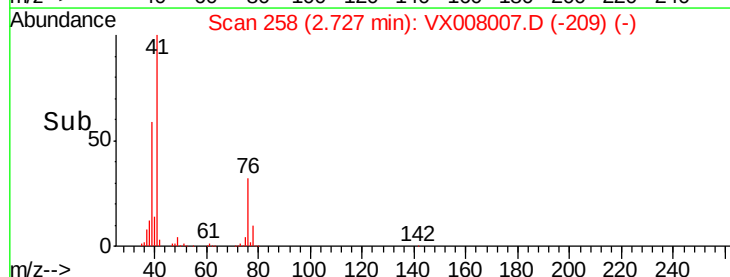
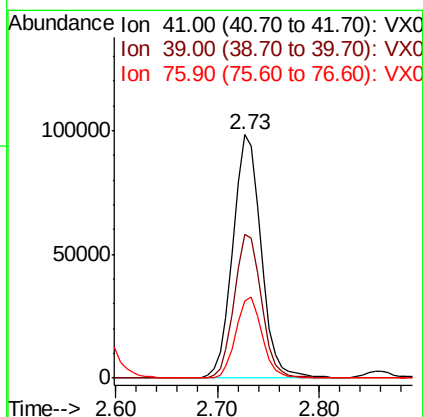
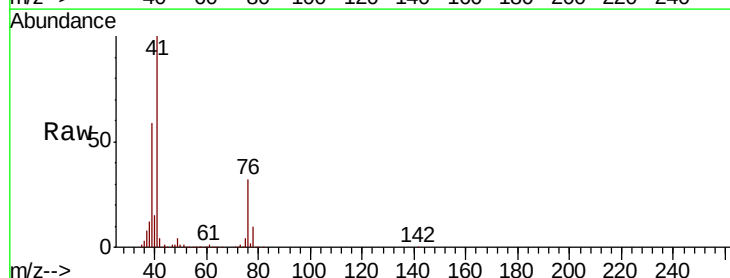
Tgt Ion: 41 Resp: 187937

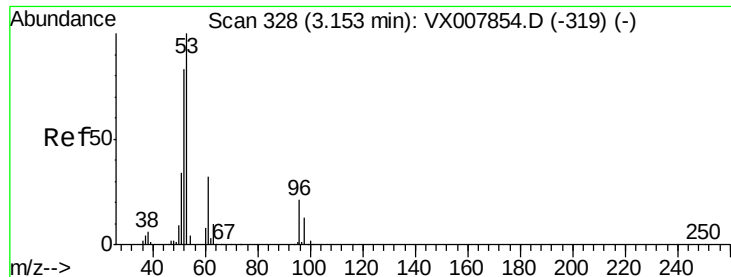
Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 31.3 24.0 36.0





#15

Acrylonitrile

Concen: 249.165 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

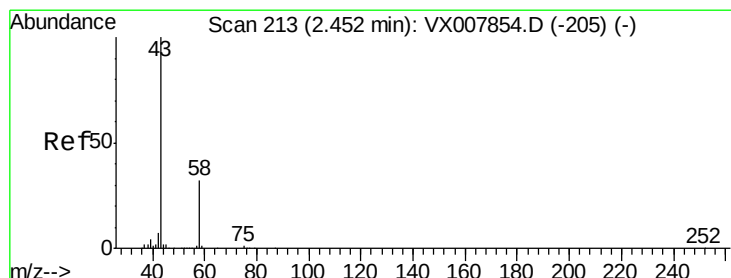
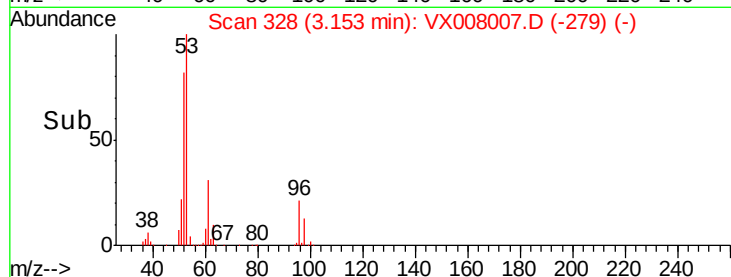
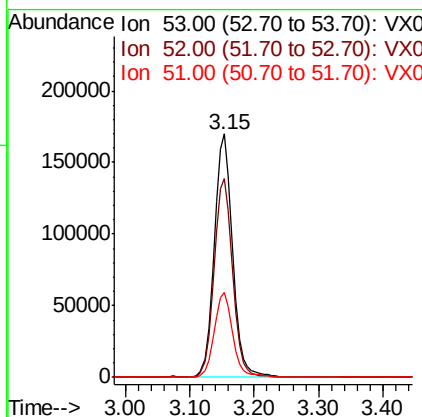
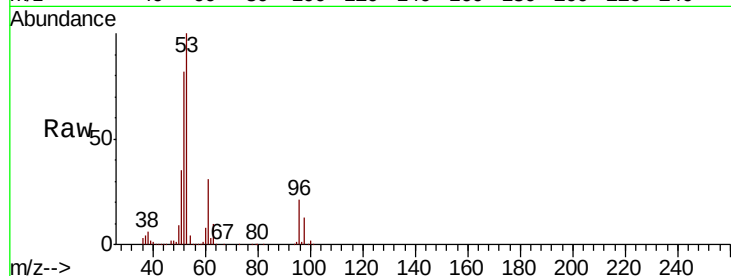
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	53	Resp:	340778
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.4	28.0	42.0

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#16

Acetone

Concen: 203.320 ug/l

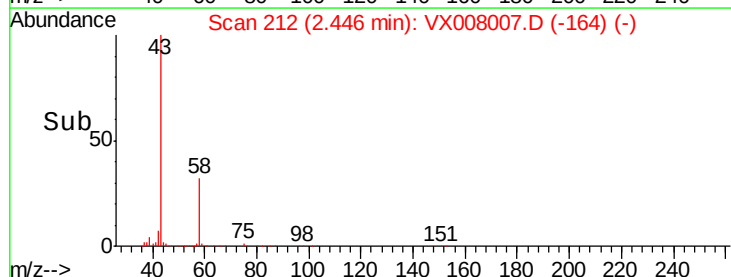
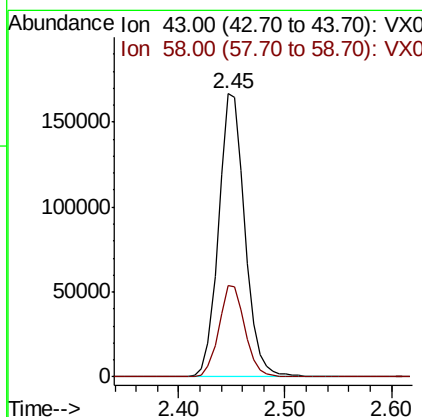
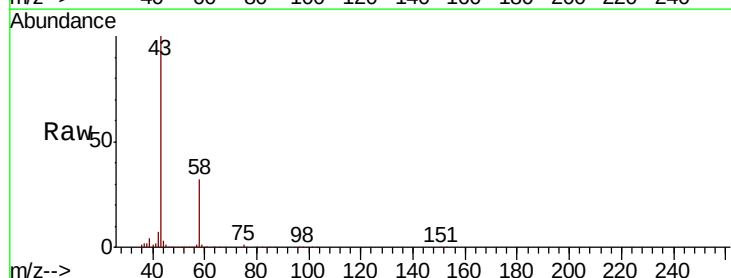
RT: 2.45 min Scan# 212

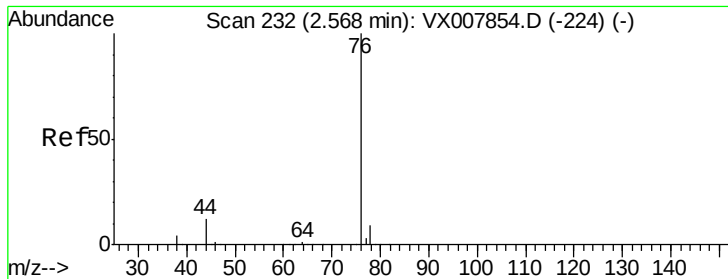
Delta R.T. -0.01 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	43	Resp:	285138
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.5	38.3





#17

Carbon Disulfide

Concen: 48.493 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 76 Resp: 287851

Ion Ratio Lower Upper

76 100

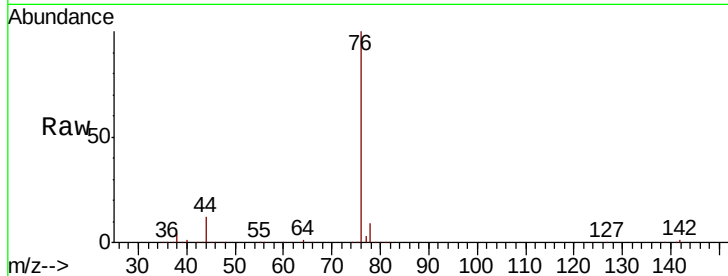
78 9.0 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

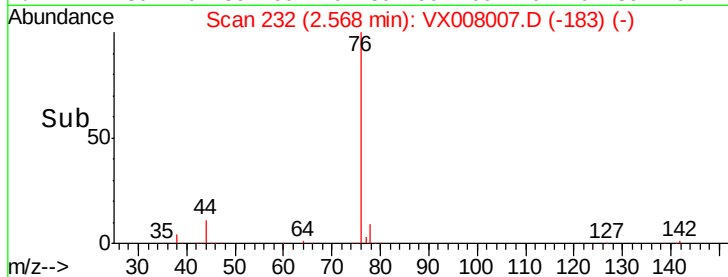
150000

100000

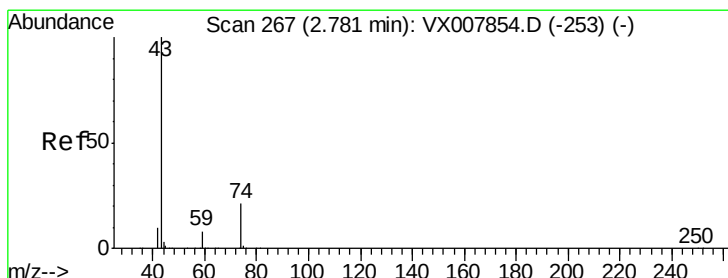
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 39.761 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008007.D

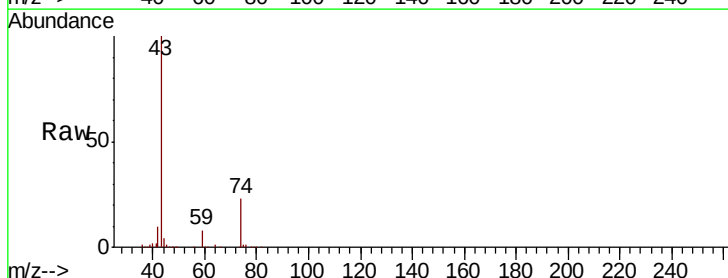
Acq: 12 Mar 2019 10:41

Tgt Ion: 43 Resp: 118461

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

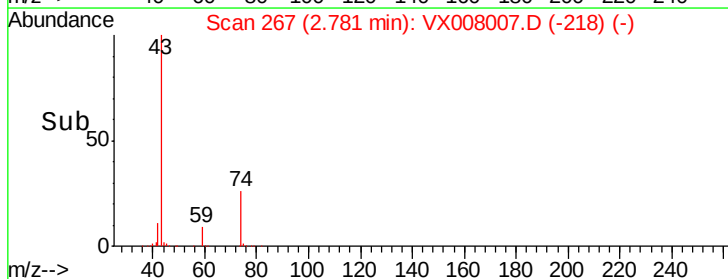
60000

40000

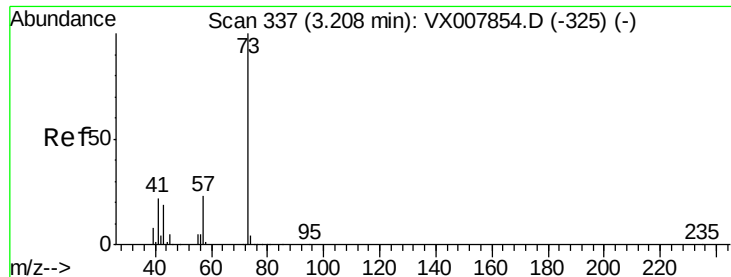
20000

0

Time-->



Time-->



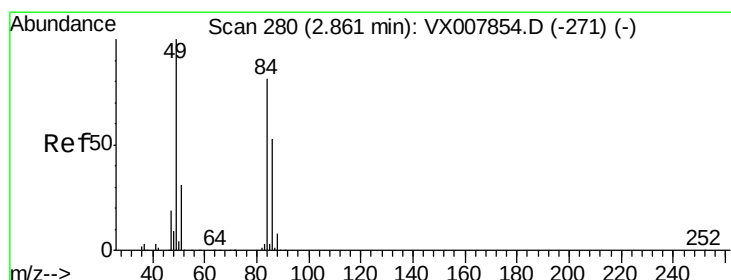
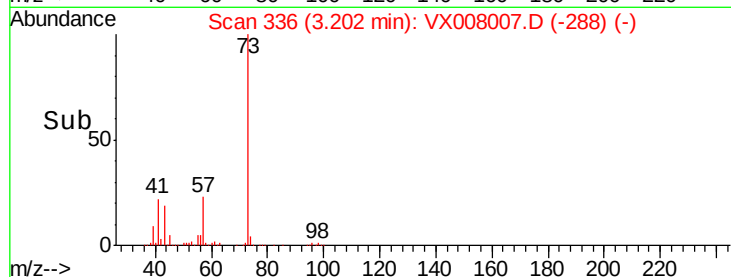
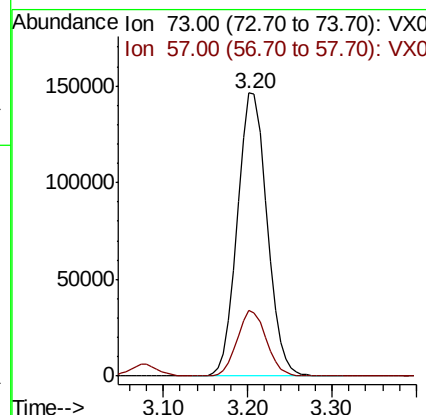
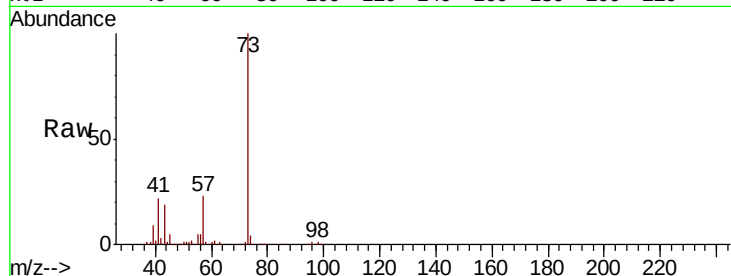
#19
Methyl tert-butyl Ether
Concen: 51.834 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 73 Resp: 348468
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

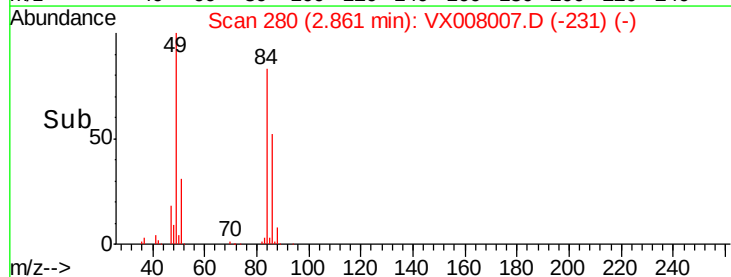
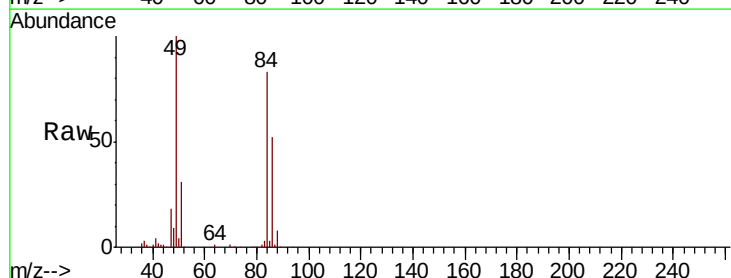
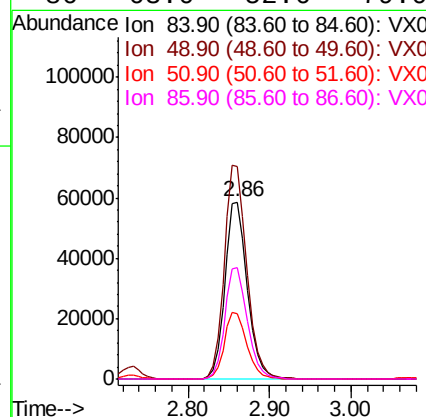
Manual Integrations
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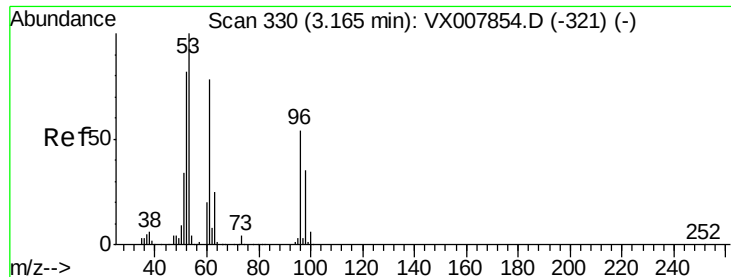
MMDadoda
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#20
Methylene Chloride
Concen: 49.929 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 84 Resp: 111438
Ion Ratio Lower Upper
84 100
49 120.3 99.3 148.9
51 37.1 31.3 46.9
86 63.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.894 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

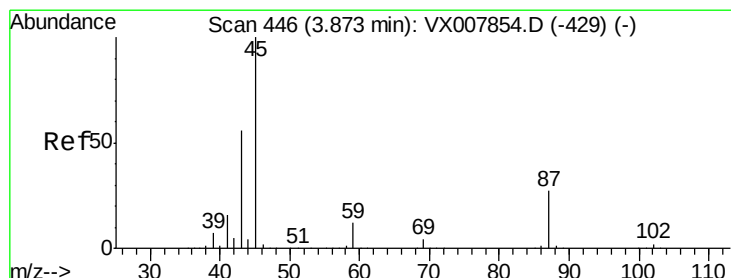
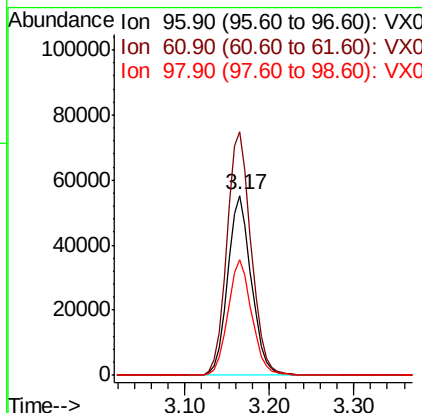
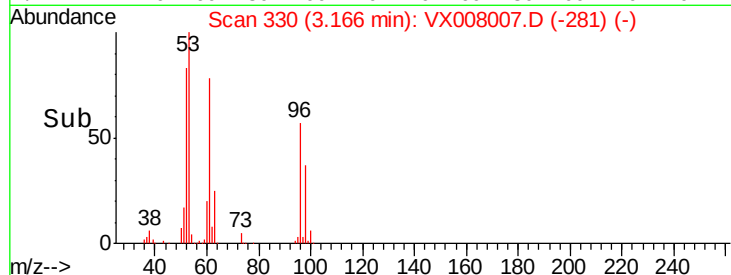
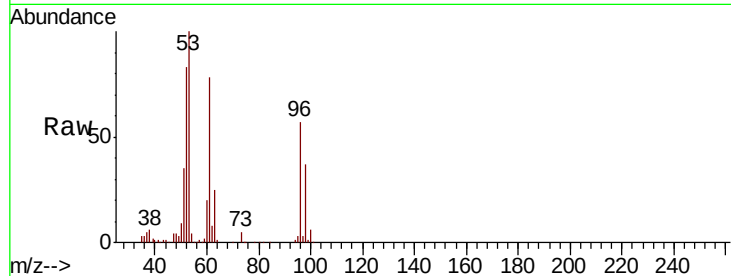
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	96	Resp:	105133
Ion Ratio	Lower	Upper	
96	100		
61	135.2	114.4	171.6
98	64.0	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.568 ug/l

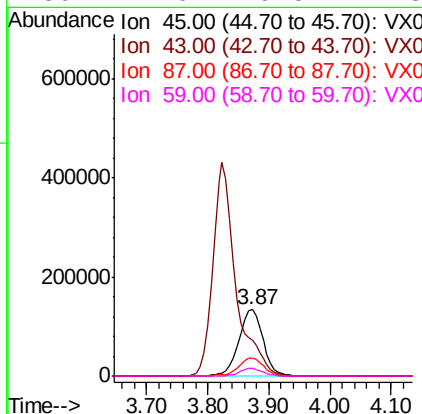
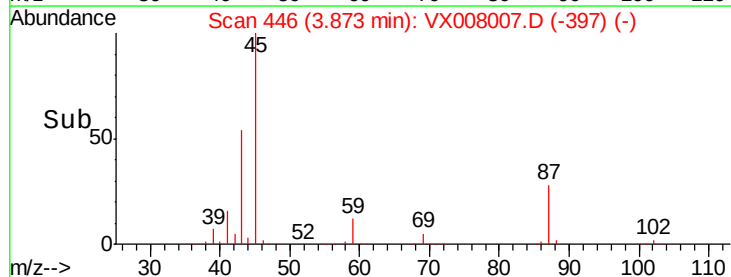
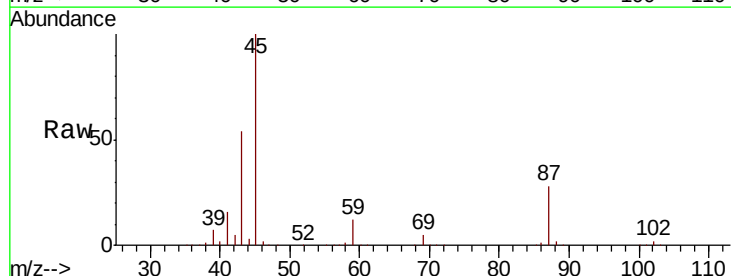
RT: 3.87 min Scan# 446

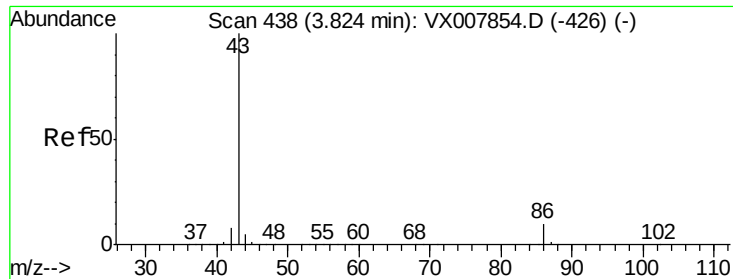
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	45	Resp:	365586
Ion Ratio	Lower	Upper	
45	100		
43	53.5	45.3	67.9
87	27.7	21.4	32.0
59	11.6	9.5	14.3





#23

Vinyl Acetate

Concen: 172.763 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 43 Resp: 1140389

Ion Ratio Lower Upper

43 100

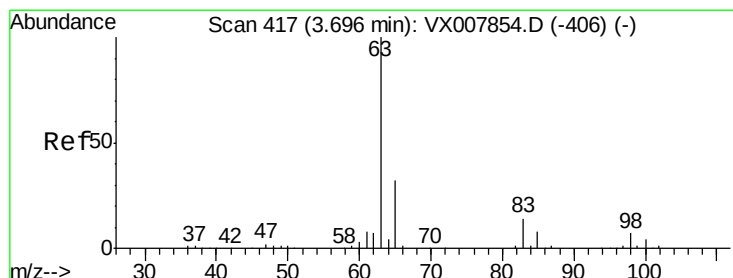
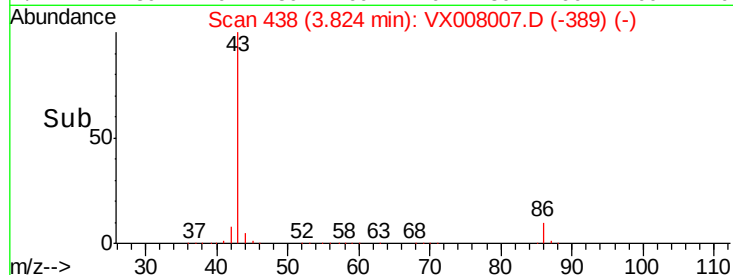
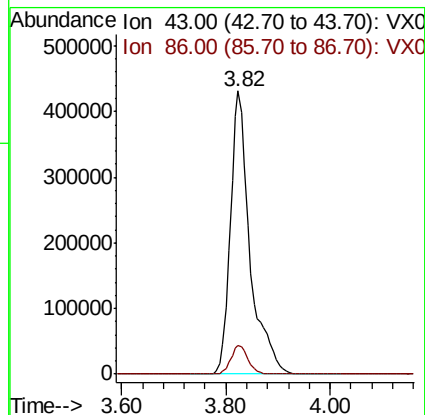
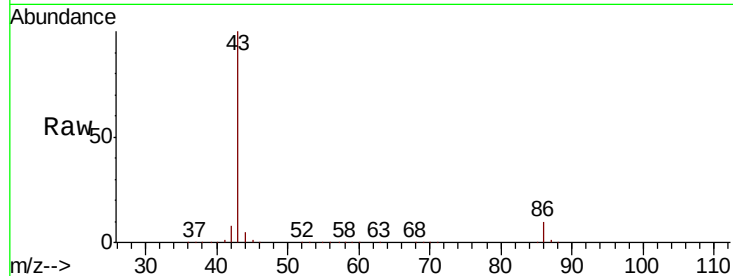
86 10.2 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.939 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

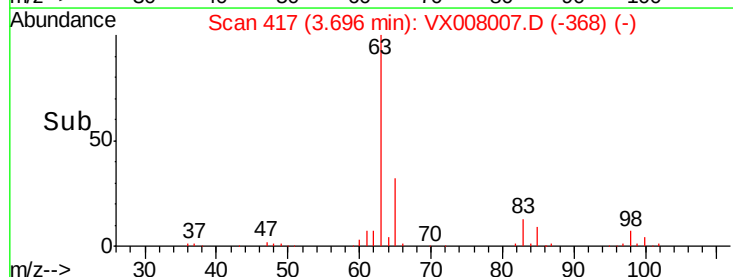
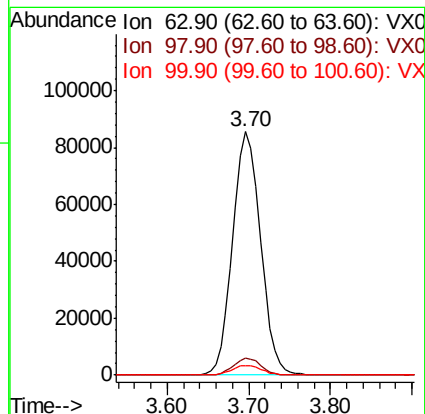
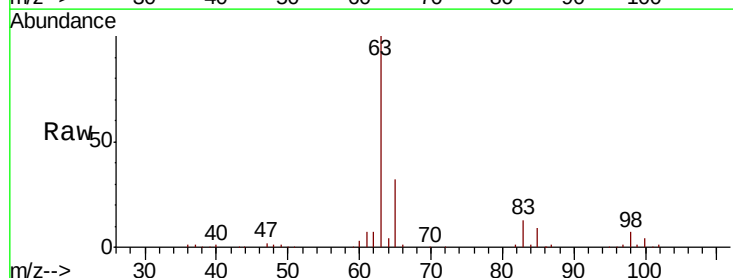
Tgt Ion: 63 Resp: 202292

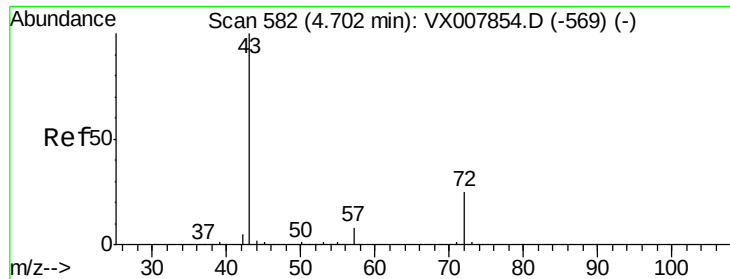
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.0 2.3 6.8





#25

2-Butanone

Concen: 233.504 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 43 Resp: 463611

Ion Ratio Lower Upper

43 100

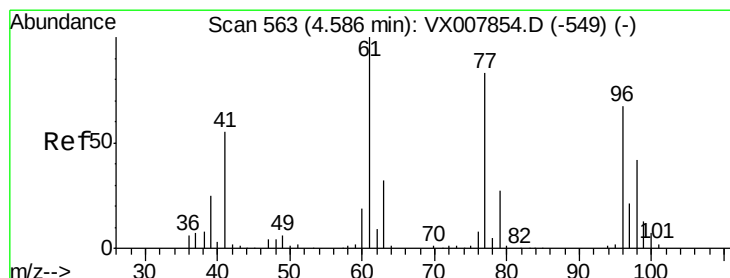
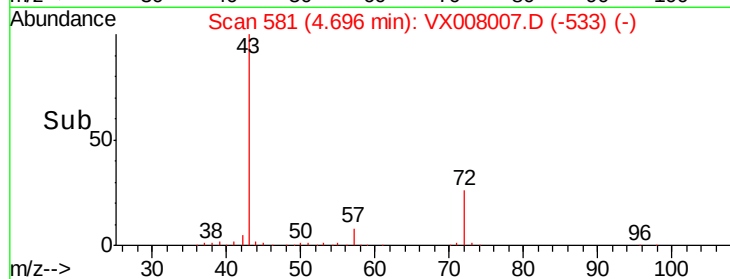
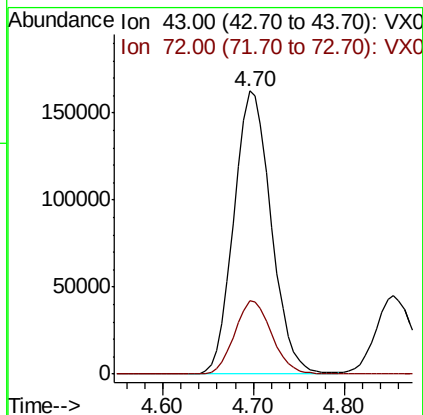
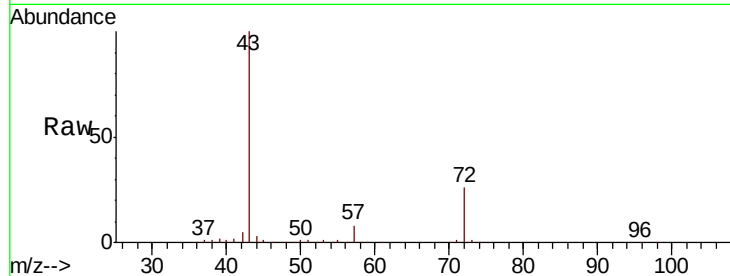
72 26.0 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 30.617 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008007.D

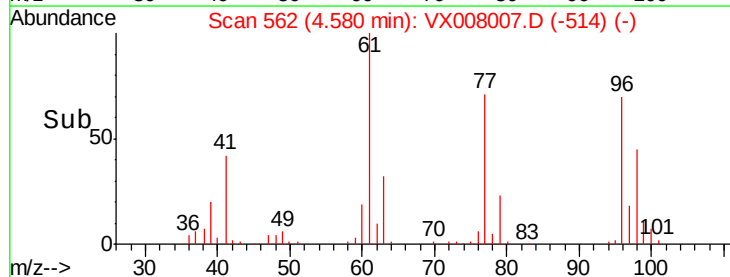
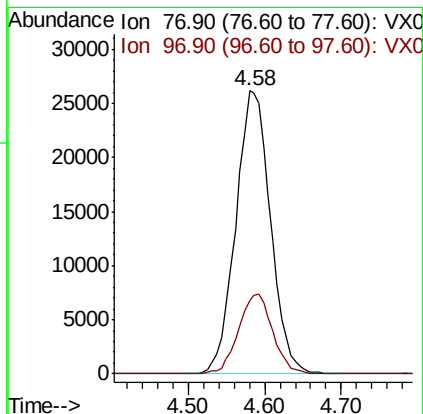
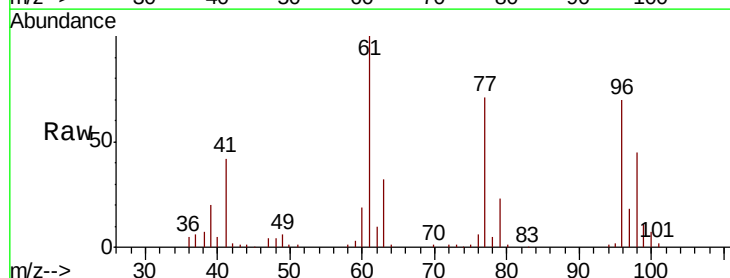
Acq: 12 Mar 2019 10:41

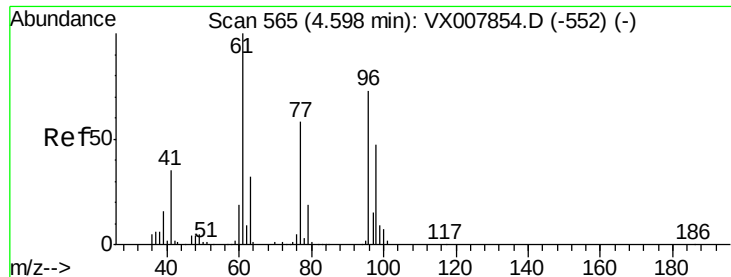
Tgt Ion: 77 Resp: 82167

Ion Ratio Lower Upper

77 100

97 27.6 12.2 36.6





#27

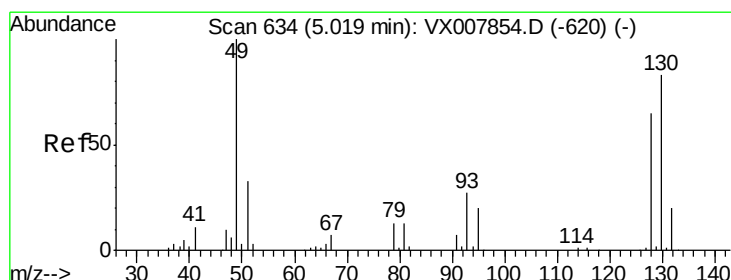
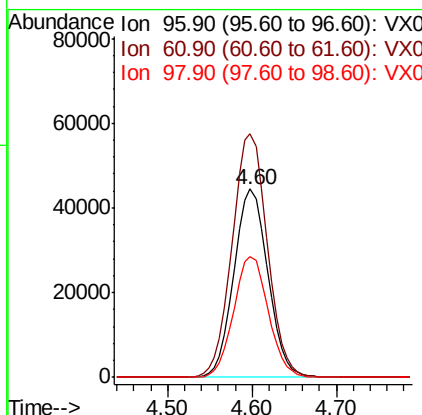
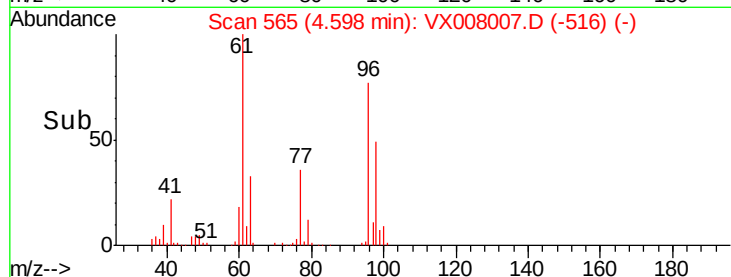
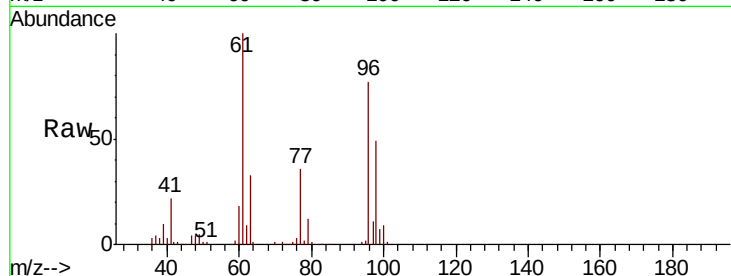
cis-1,2-Dichloroethene
Concen: 49.605 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	133.6	0.0	288.0
98	65.0	0.0	129.0

Manual Integrations
APPROVED

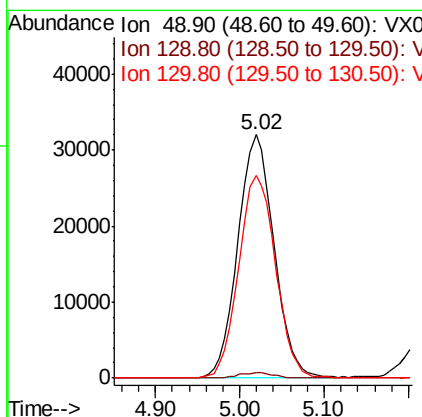
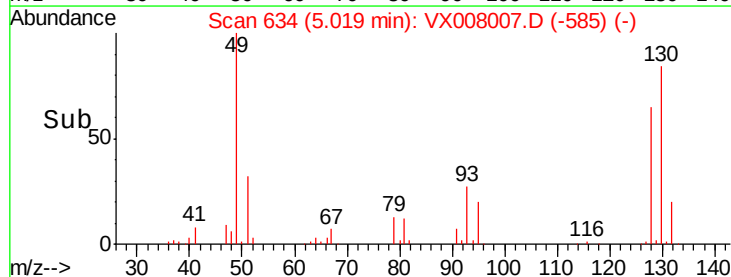
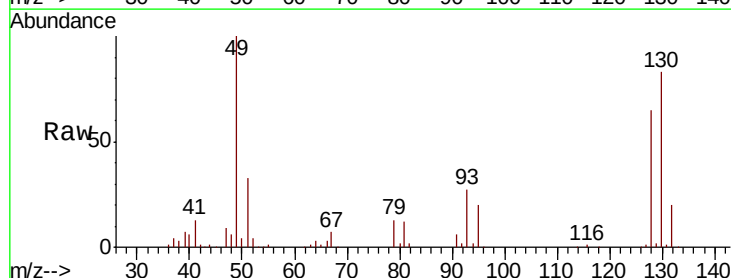
MMDadoda
3/12/2019 3:24:17 PM

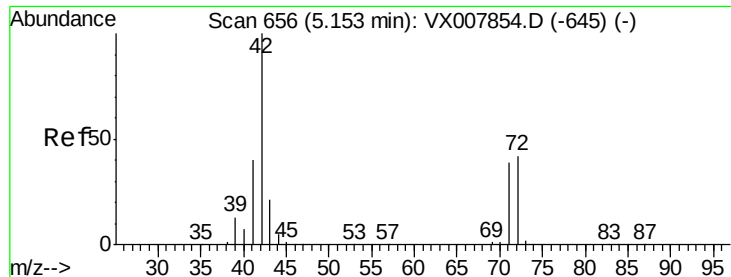


#28

Bromochloromethane
Concen: 49.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.1	0.0	4.0
130	84.7	65.0	97.4





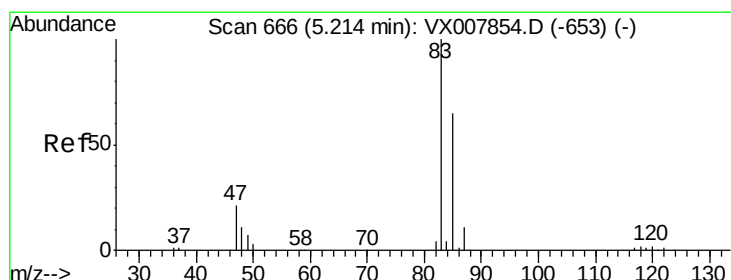
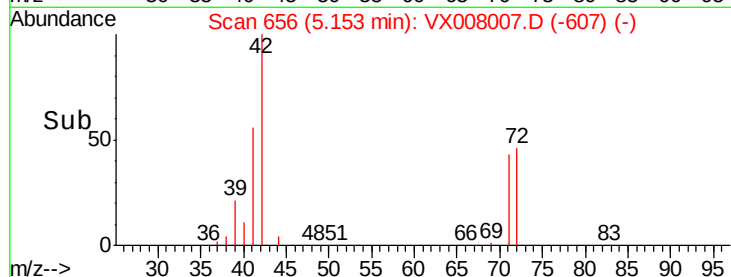
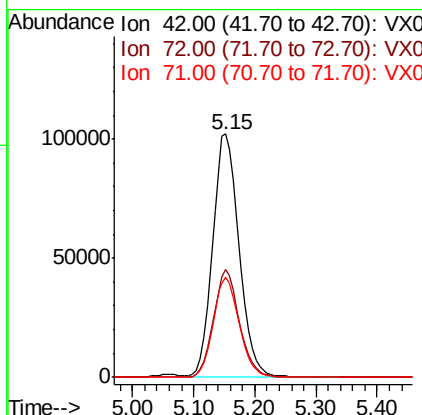
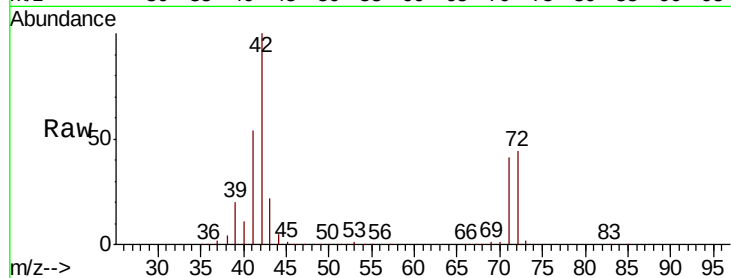
#29
Tetrahydrofuran
Concen: 249.247 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	33.8	50.6
71	40.6	31.5	47.3

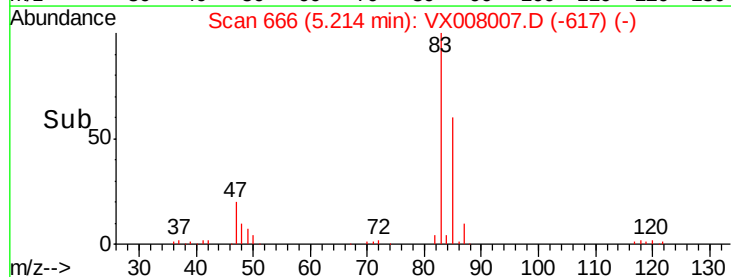
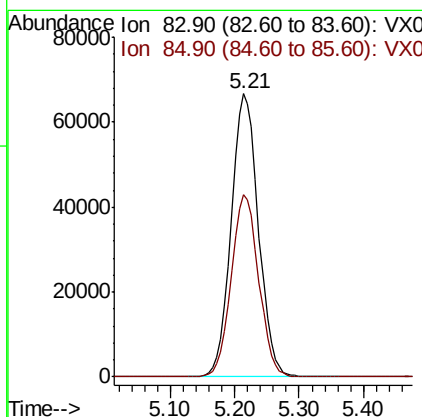
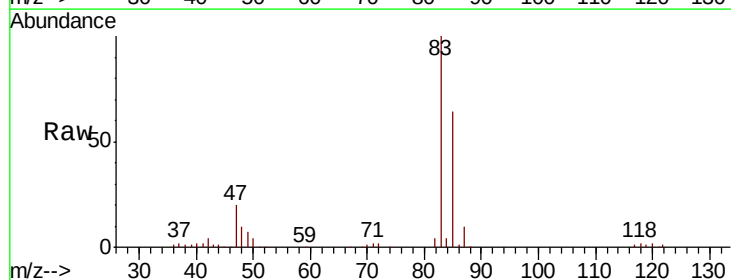
Manual Integrations
APPROVED

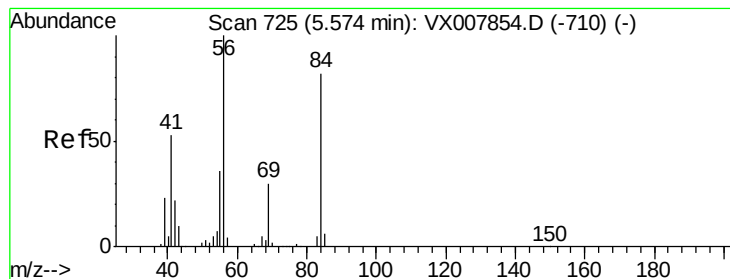
MMDadoda
3/12/2019 3:24:17 PM



#30
Chloroform
Concen: 51.257 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6





#31

Cyclohexane

Concen: 48.029 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

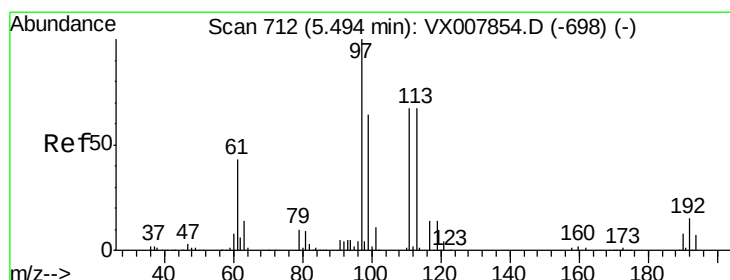
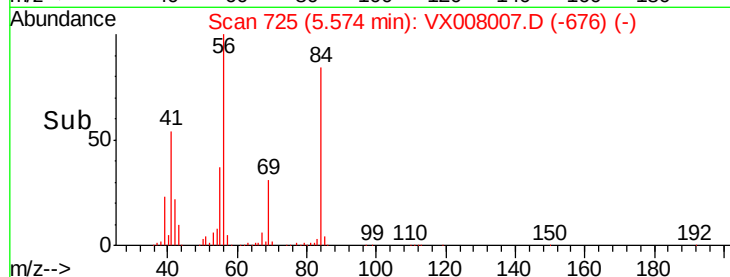
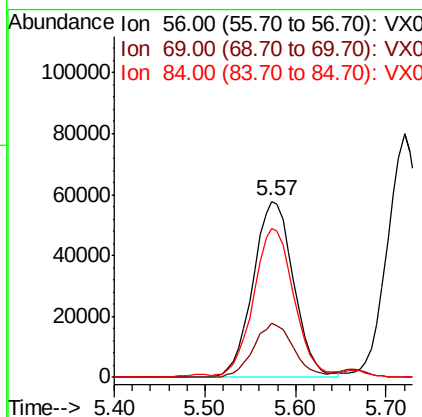
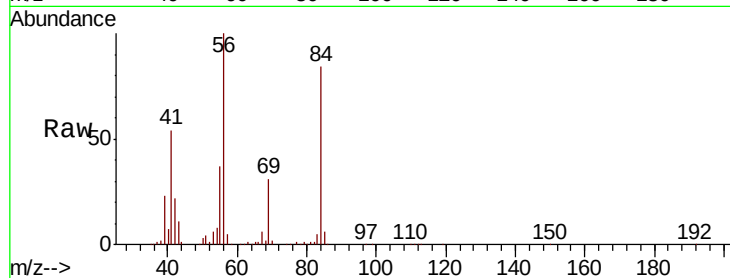
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	56	Resp:	178810
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.0	36.0
84	83.0	65.3	97.9

Manual Integrations
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3/12/2019 3:24:17 PM



#32

1,1,1-Trichloroethane

Concen: 51.720 ug/l

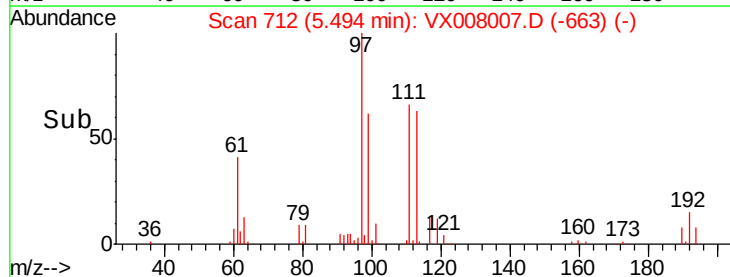
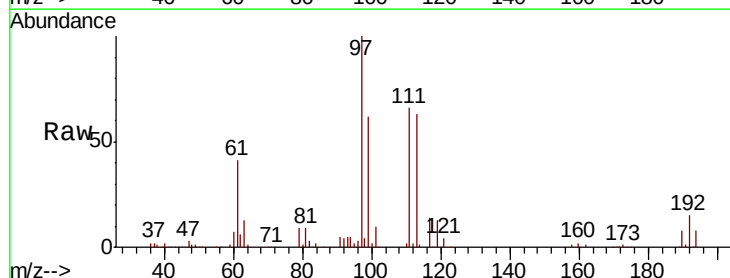
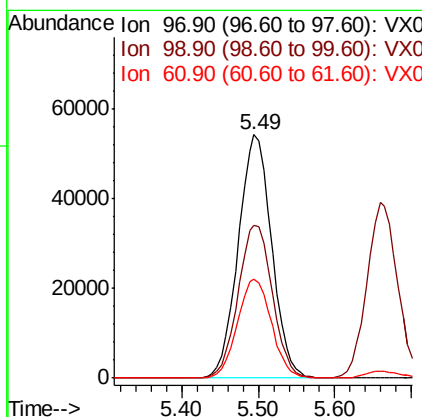
RT: 5.49 min Scan# 712

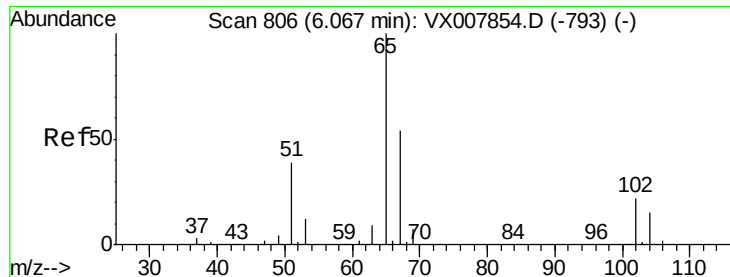
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	97	Resp:	164433
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.2	78.2
61	41.6	34.9	52.3





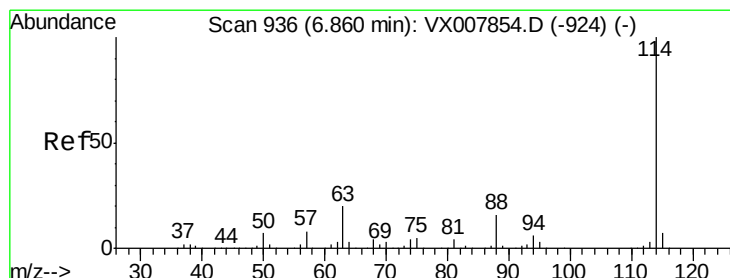
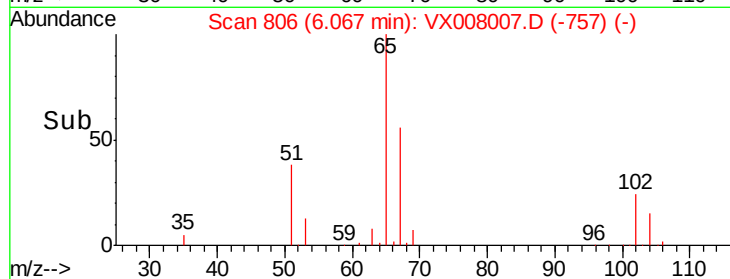
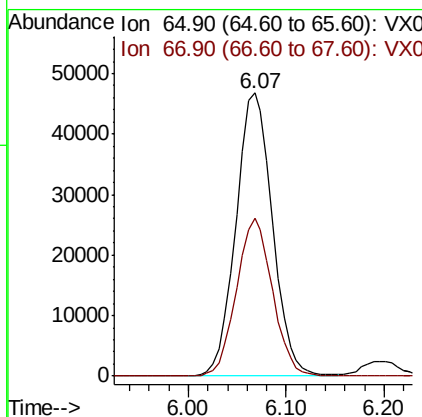
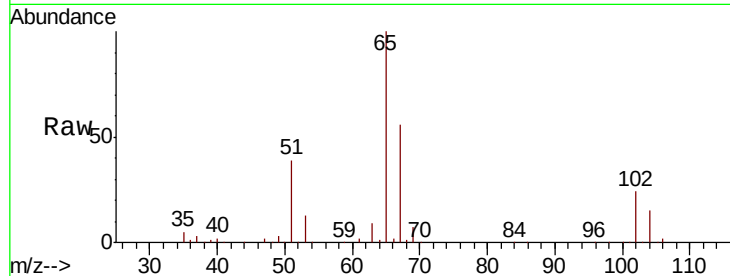
#33
 1,2-Dichloroethane-d4
 Concen: 50.021 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion: 65 Resp: 121198
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0

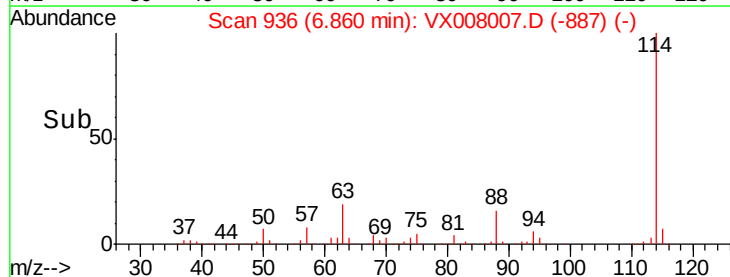
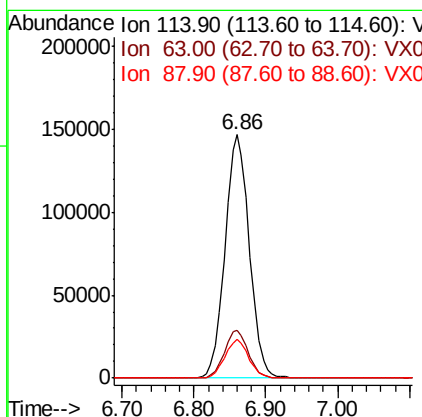
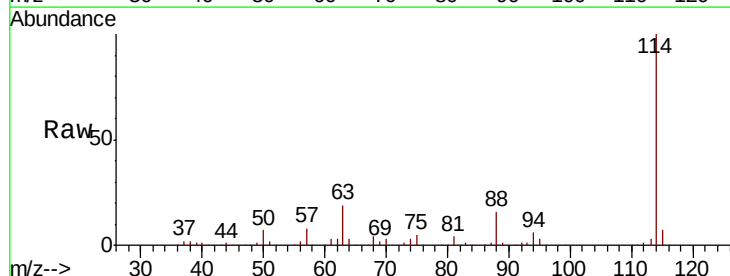
Manual Integrations
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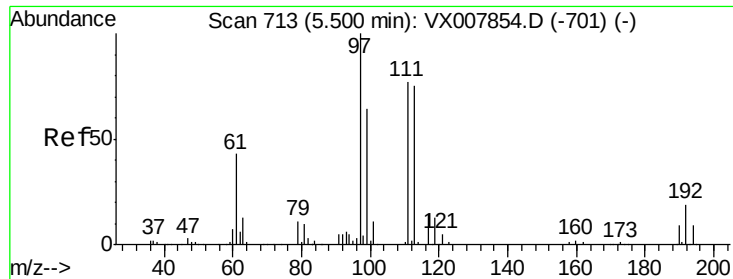
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 114 Resp: 344000
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.9 0.0 31.4





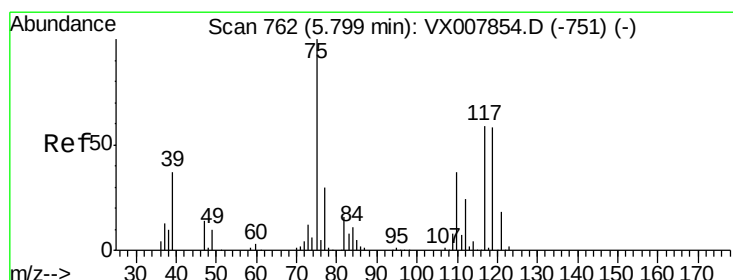
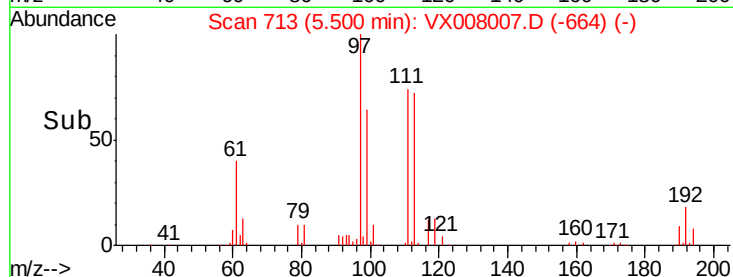
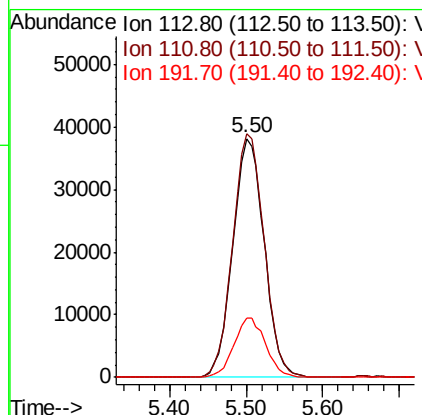
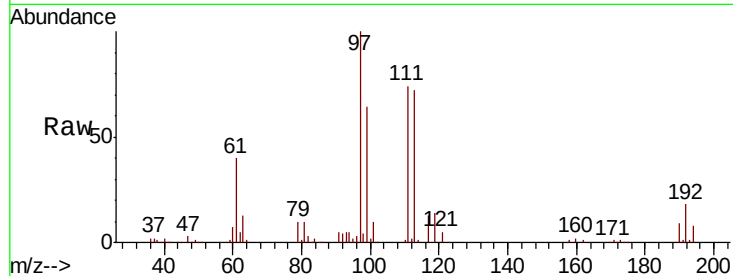
#35
 Dibromofluoromethane
 Concen: 49.178 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	108214		
111	102.4	81.4	122.0	
192	25.0	19.4	29.0	

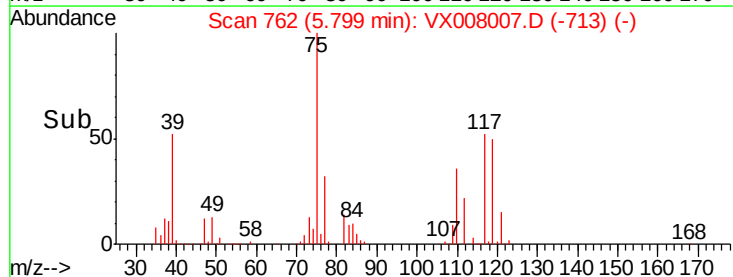
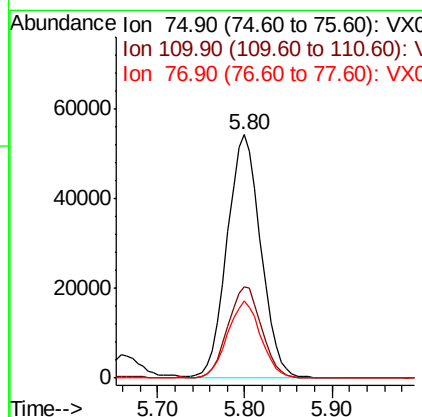
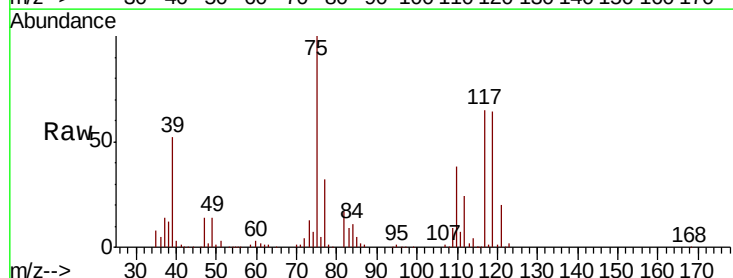
Manual Integrations
 APPROVED

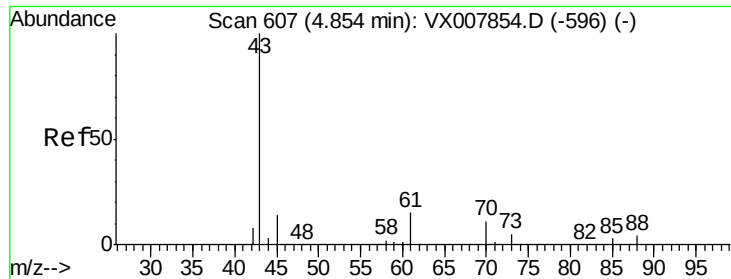
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.626 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	145234		
110	37.9	18.4	55.0	
77	31.5	25.0	37.4	





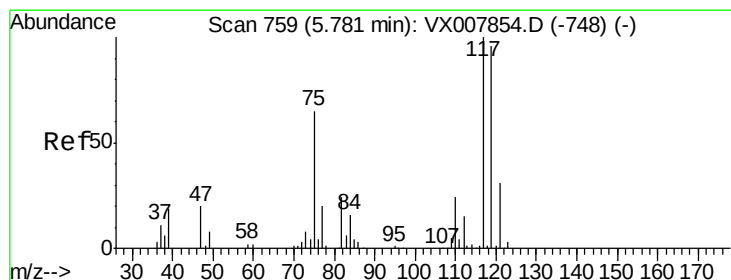
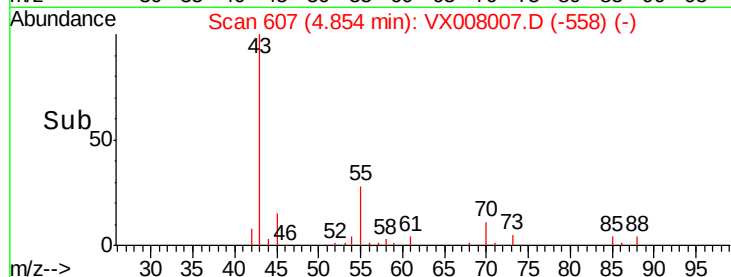
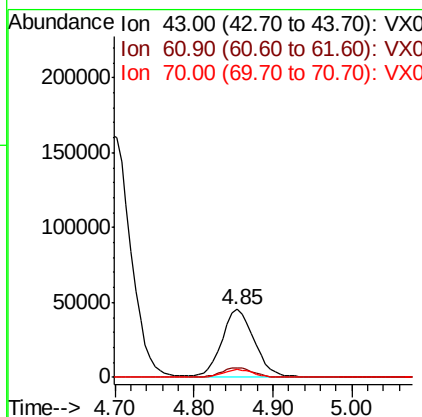
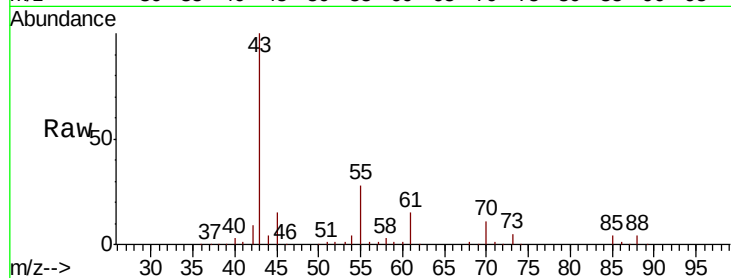
#37
Ethyl Acetate
Concen: 35.201 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	10.7	8.5	12.7

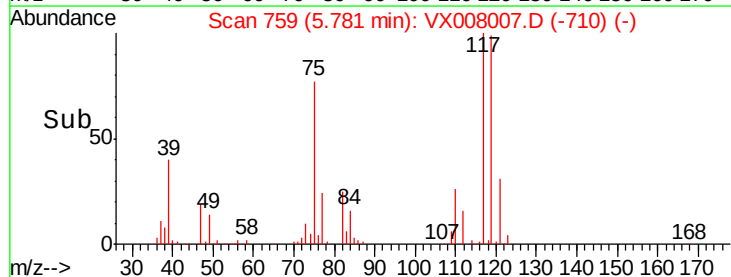
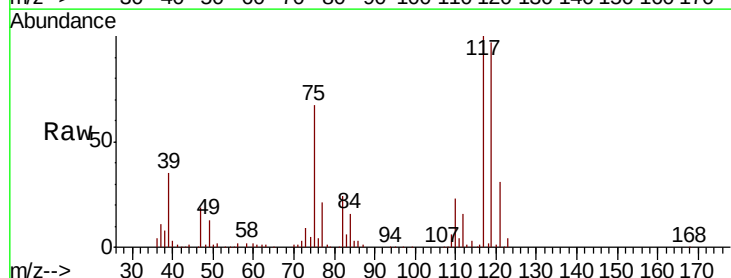
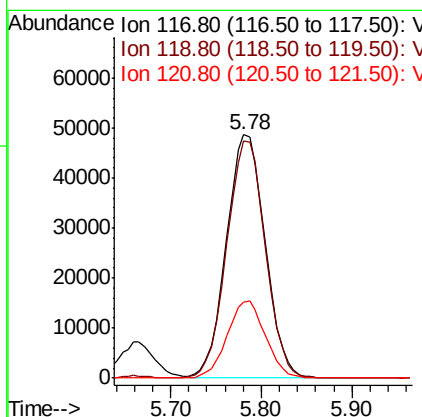
Manual Integrations
APPROVED

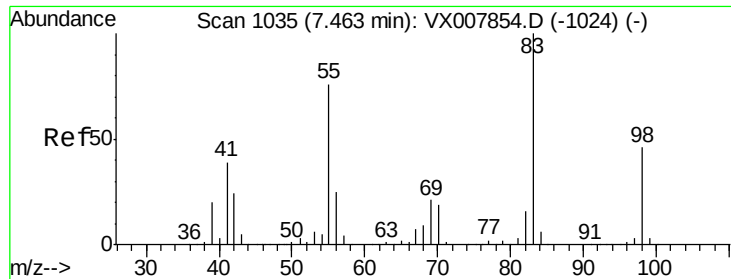
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3/12/2019 3:24:17 PM



#38
Carbon Tetrachloride
Concen: 48.899 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.2
121	31.0	24.6	36.8





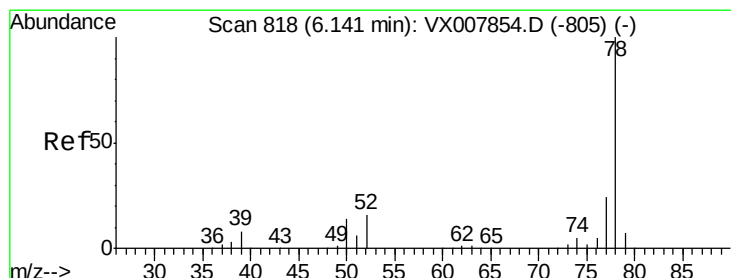
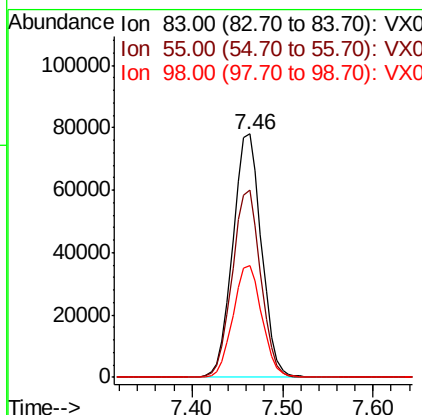
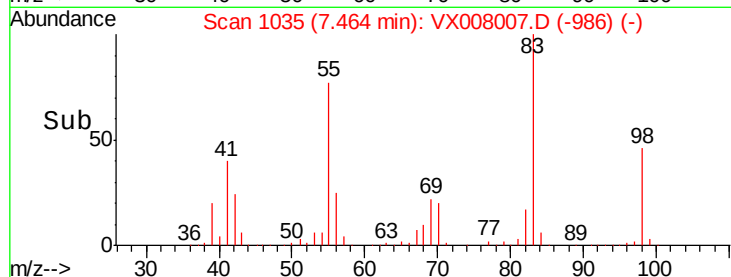
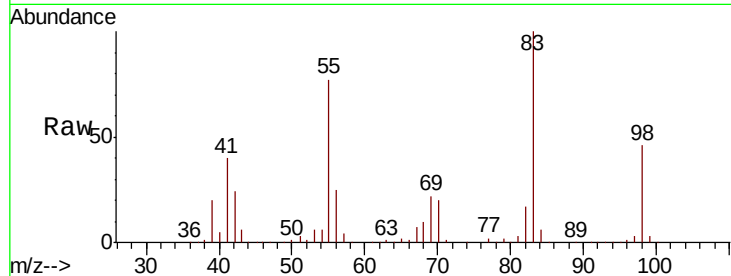
#39
Methylcyclohexane
Concen: 45.323 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	171065		
55	76.9	60.4	90.6	
98	46.1	36.5	54.7	

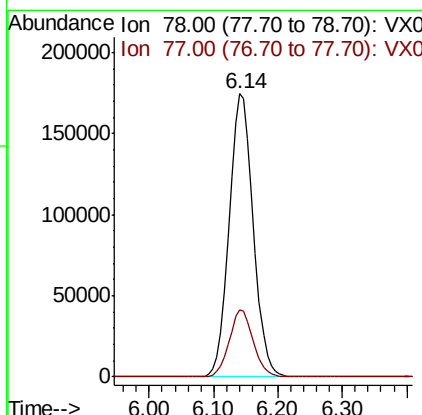
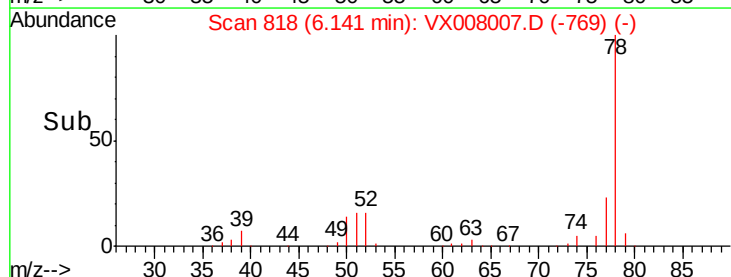
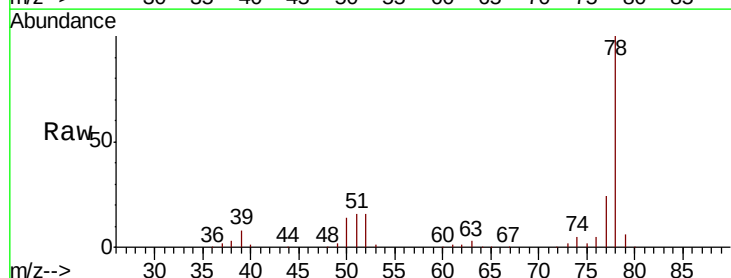
Manual Integrations
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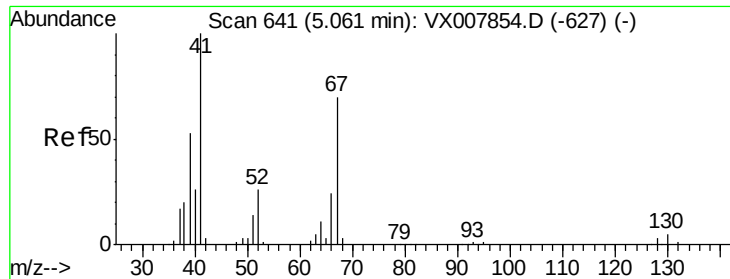
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#40
Benzene
Concen: 49.319 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	457341		
77	23.5	19.0	28.4	





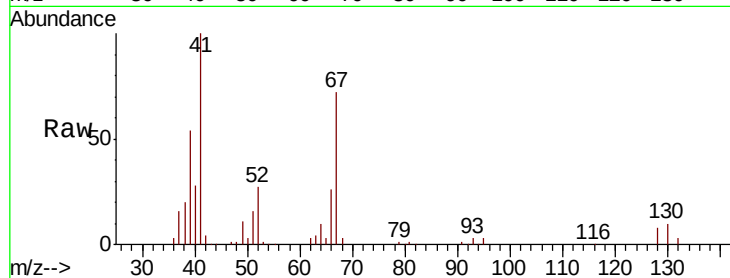
#41
Methacrylonitrile
Concen: 48.592 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.6	62.4
67	71.2	55.8	83.6
52	27.8	21.7	32.5

Manual Integrations
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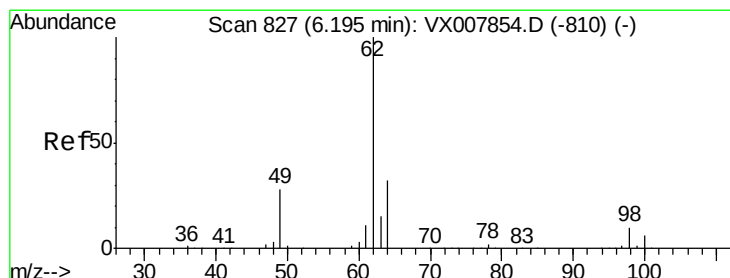
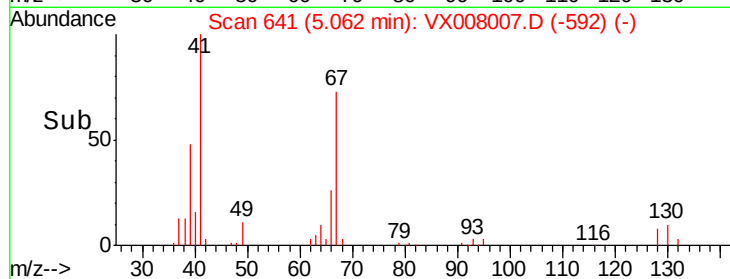
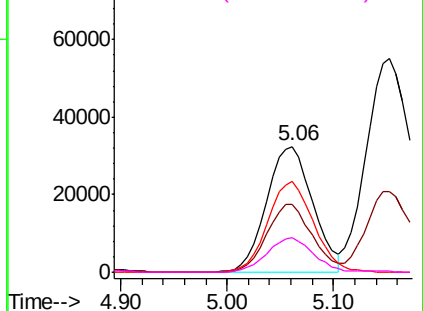
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

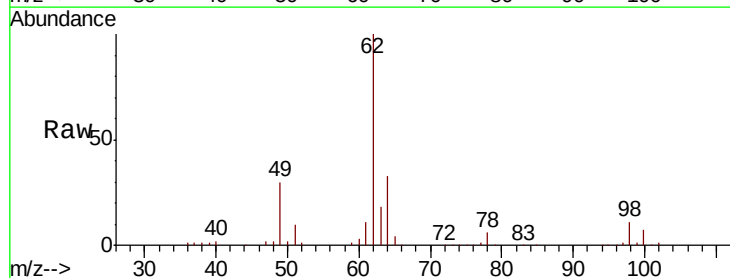
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.548 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

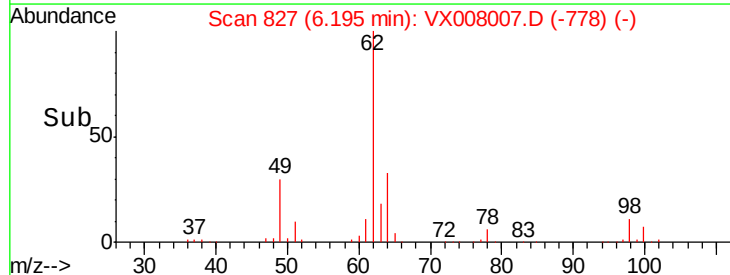
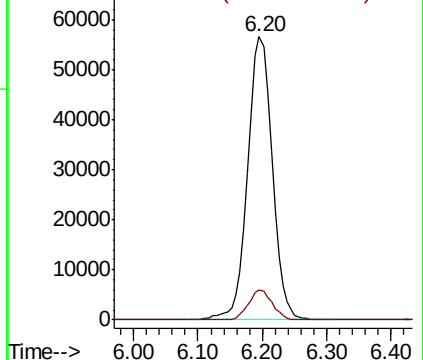
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

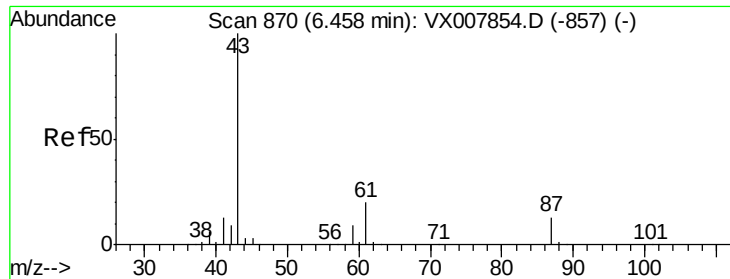


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





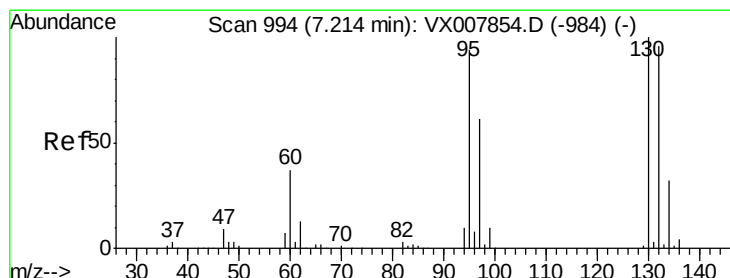
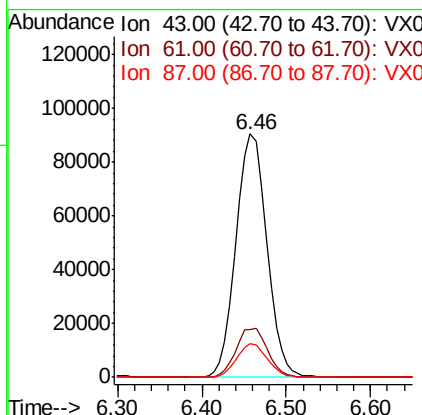
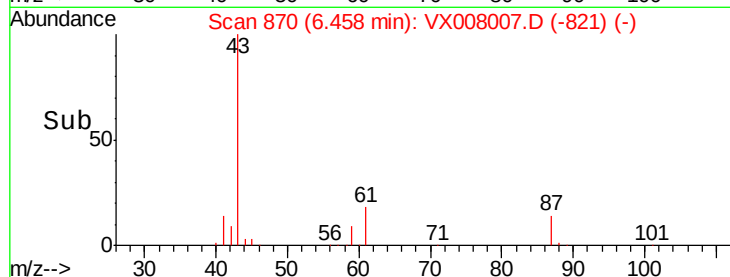
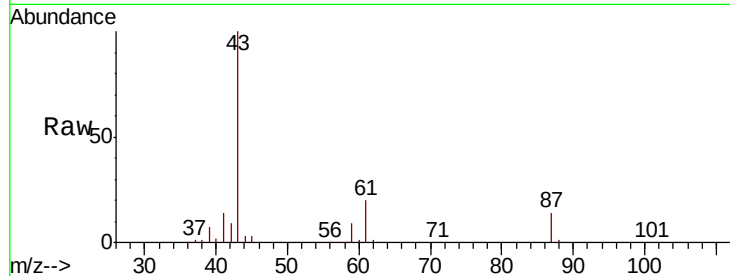
#43
Isopropyl Acetate
Concen: 41.116 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.3	24.5
87	13.7	10.5	15.7

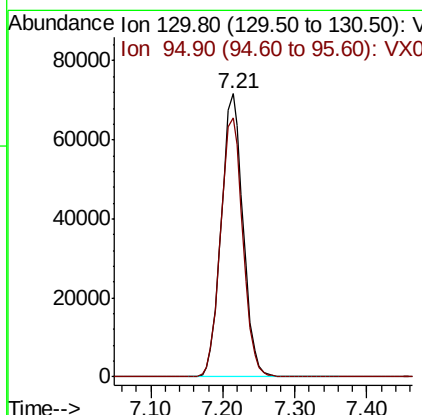
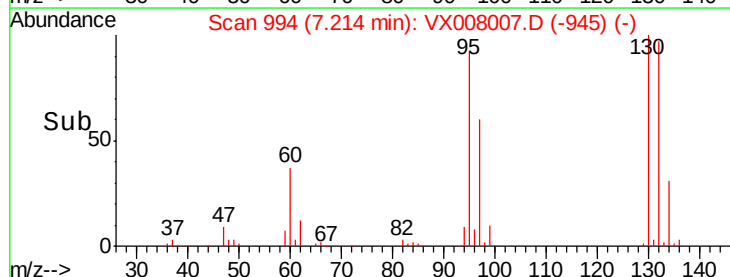
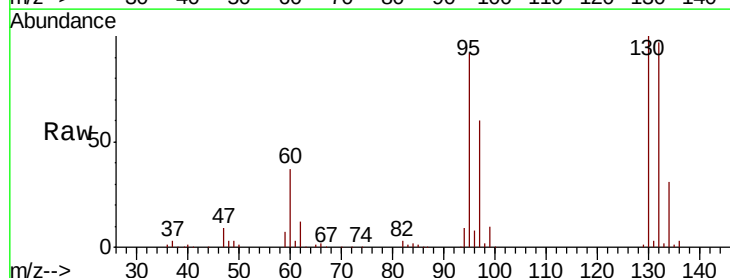
Manual Integrations
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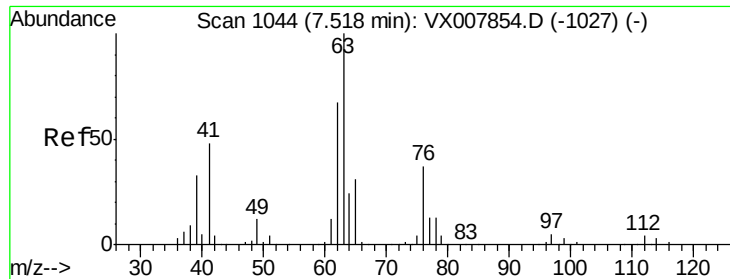
MMDadoda
3/12/2019 3:24:17 PM



#44
Trichloroethene
Concen: 59.120 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	188.0





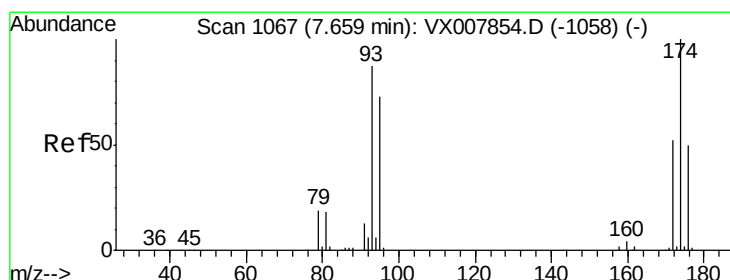
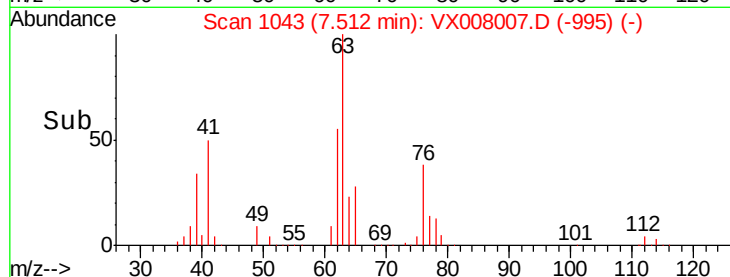
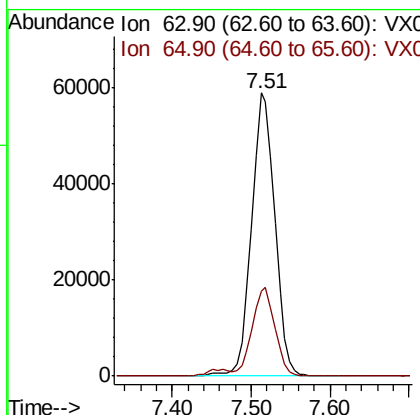
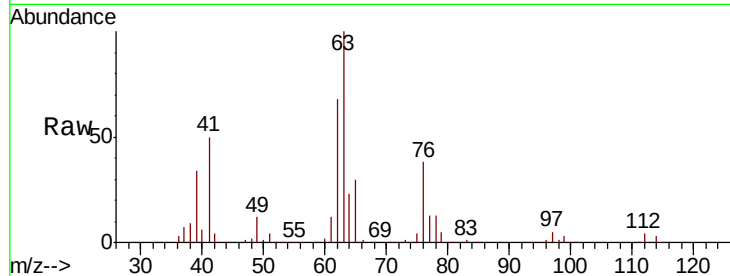
#45
 1,2-Dichloropropane
 Concen: 49.376 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion: 63 Resp: 120932
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1

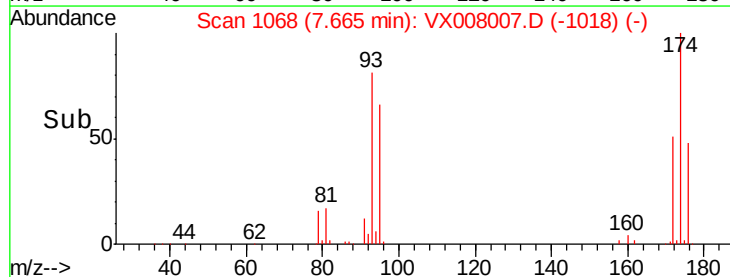
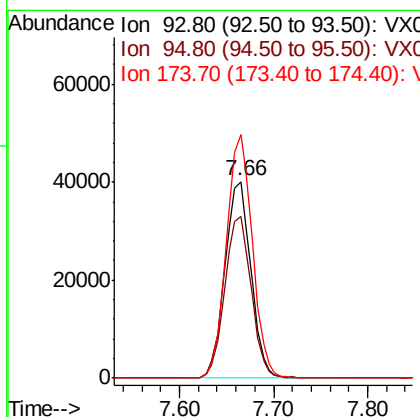
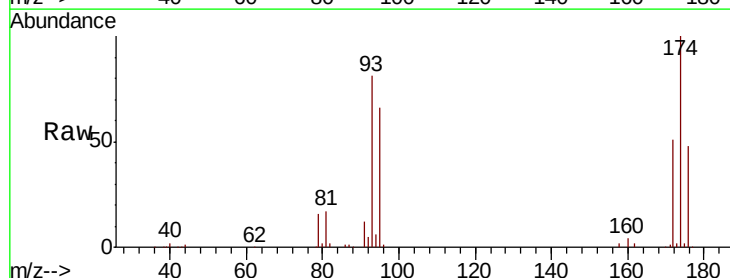
Manual Integrations
 APPROVED

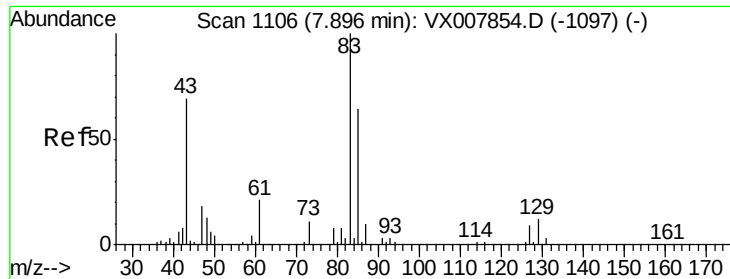
MMDadoda
 3/12/2019 3:24:17 PM



#46
 Dibromomethane
 Concen: 49.705 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 93 Resp: 77042
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 123.8 97.3 145.9





#47

Bromodichloromethane

Concen: 49.719 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

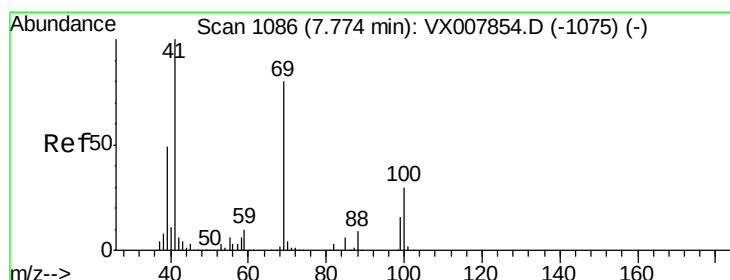
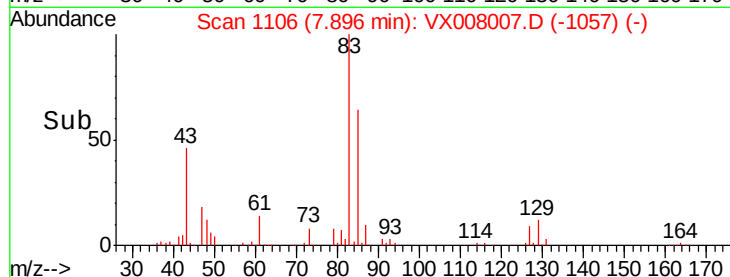
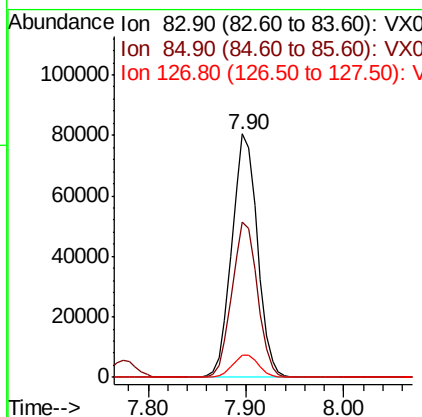
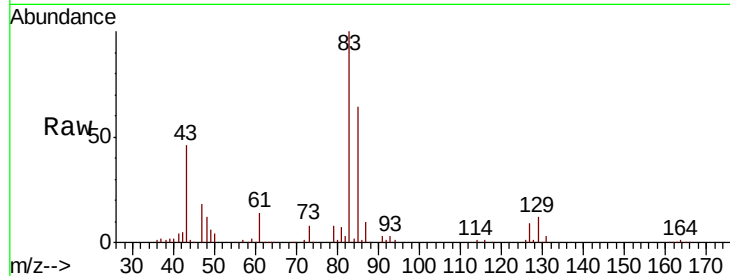
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	83	Resp:	146109
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.656 ug/l

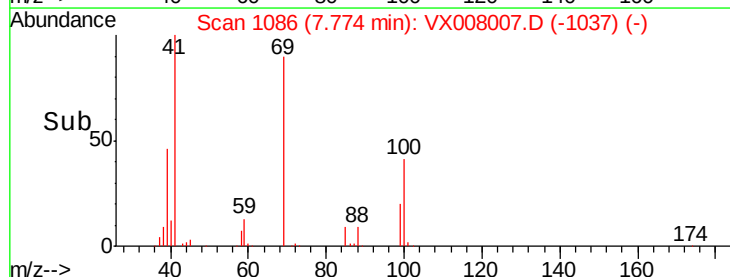
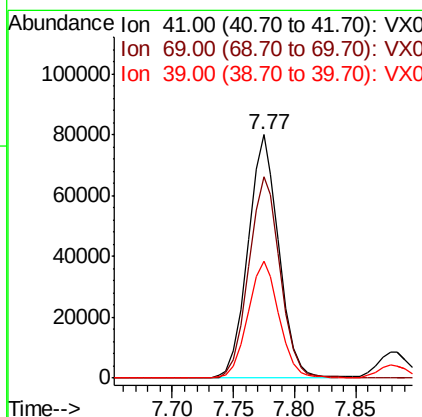
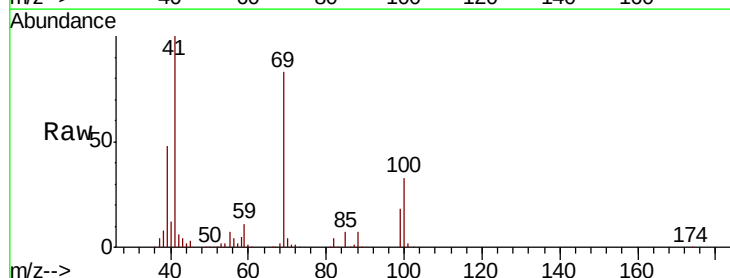
RT: 7.77 min Scan# 1086

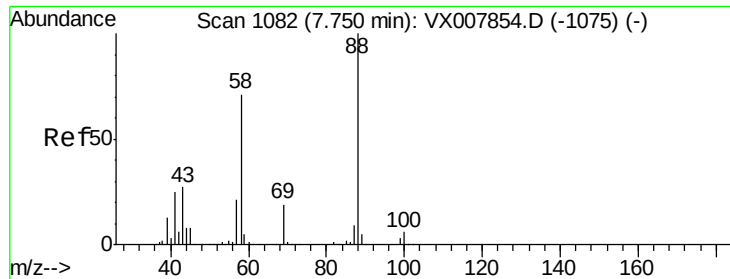
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	41	Resp:	139944
Ion Ratio	Lower	Upper	
41	100		
69	84.8	65.2	97.8
39	49.0	39.4	59.2





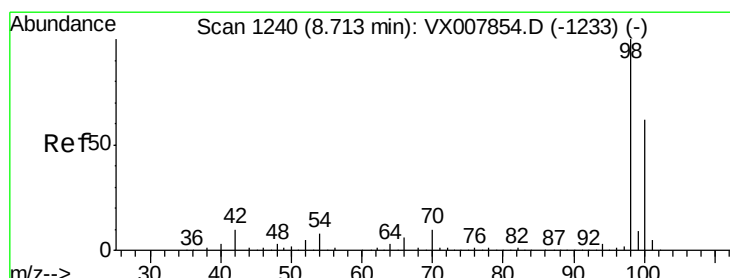
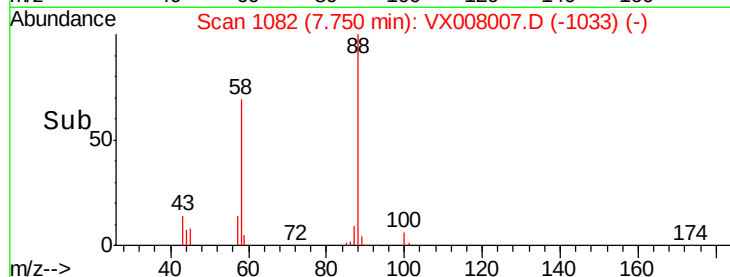
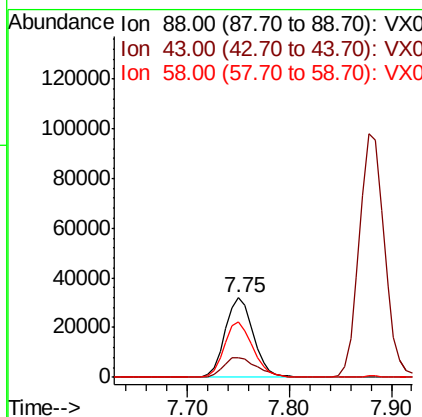
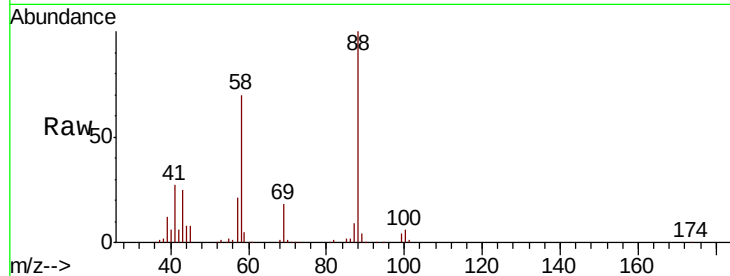
#49
1,4-Dioxane
Concen: 1041.013 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.1	37.7
58	70.9	57.8	86.6

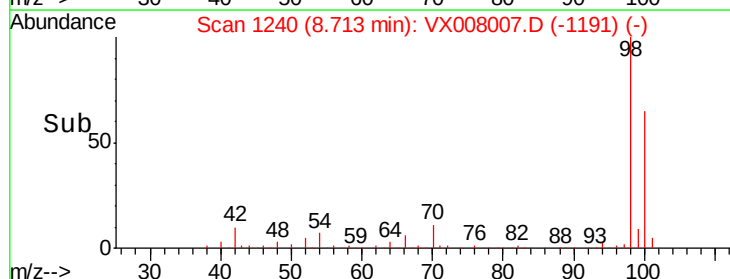
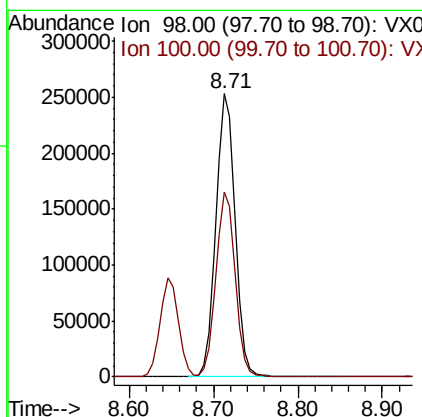
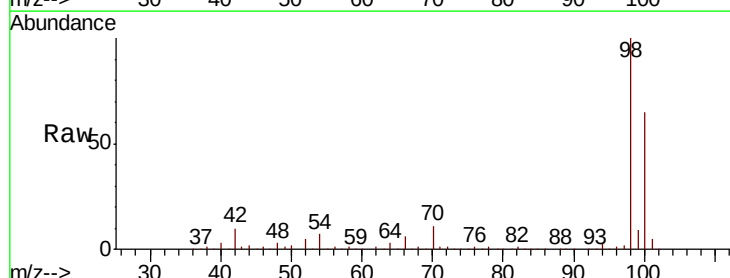
Manual Integrations
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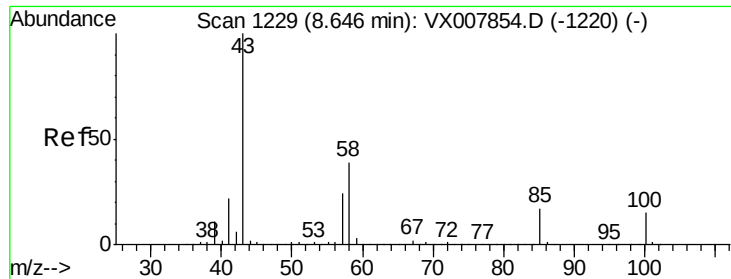
MMDadoda
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#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 246.366 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 43 Resp: 866739

Ion Ratio Lower Upper

43 100

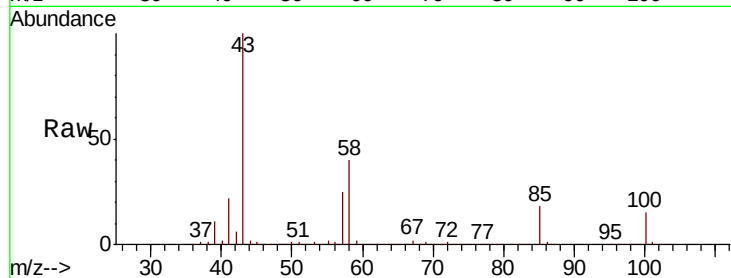
58 40.0 31.3 46.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

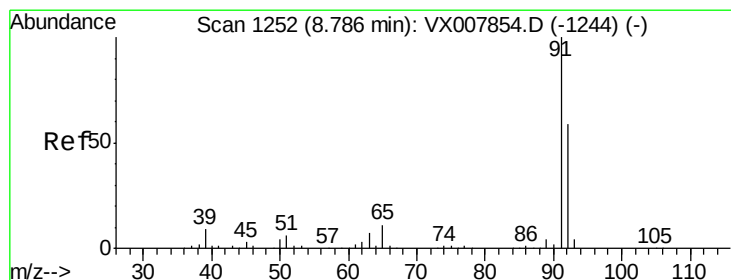
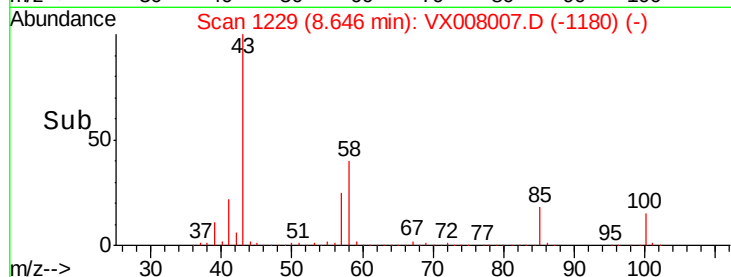
600000

400000

200000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 49.352 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008007.D

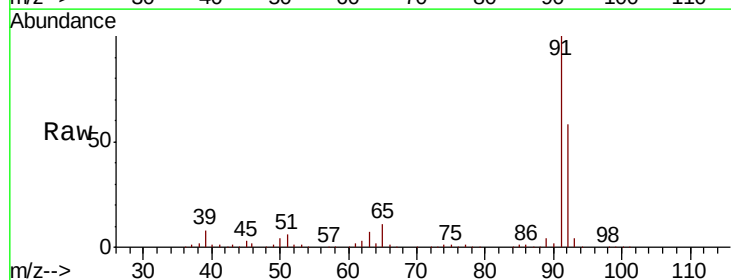
Acq: 12 Mar 2019 10:41

Tgt Ion: 92 Resp: 279402

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

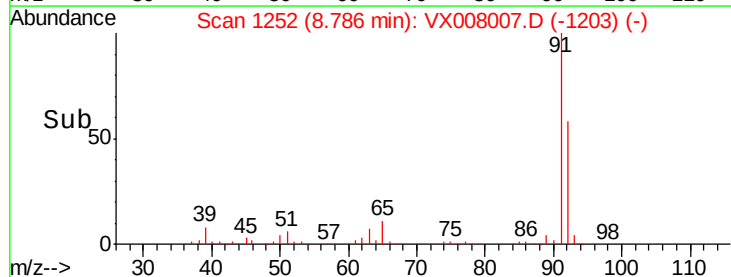
300000

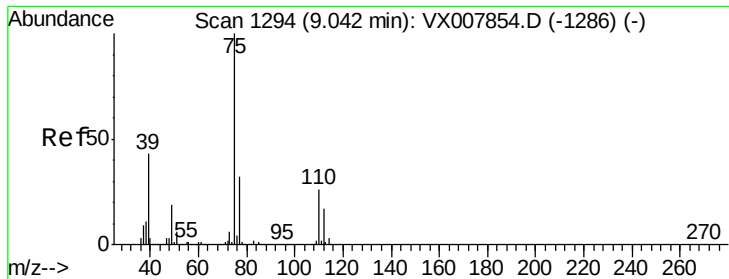
200000

100000

0

Time--> 8.70 8.80 8.90 9.00





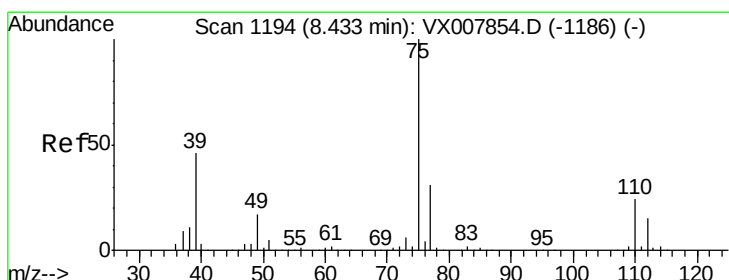
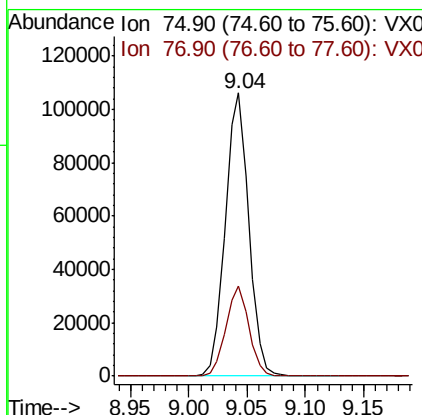
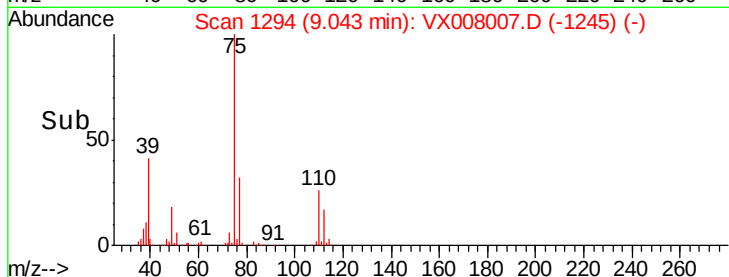
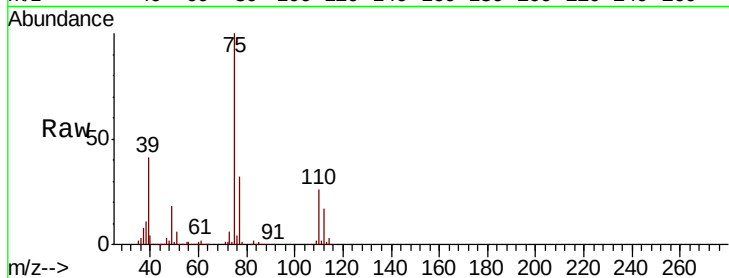
#53
t-1,3-Dichloropropene
Concen: 48.287 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 75 Resp: 148108
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

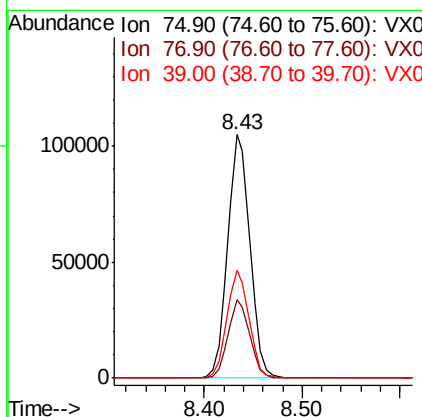
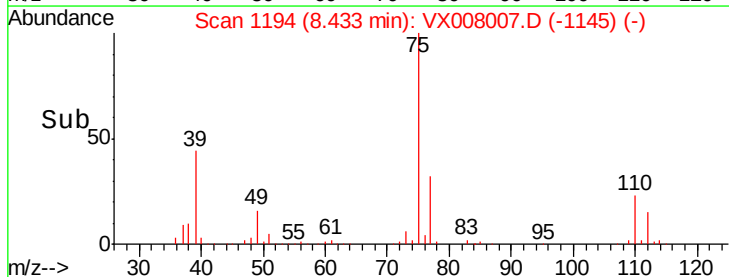
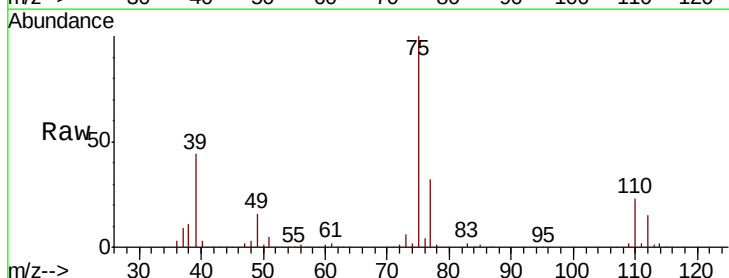
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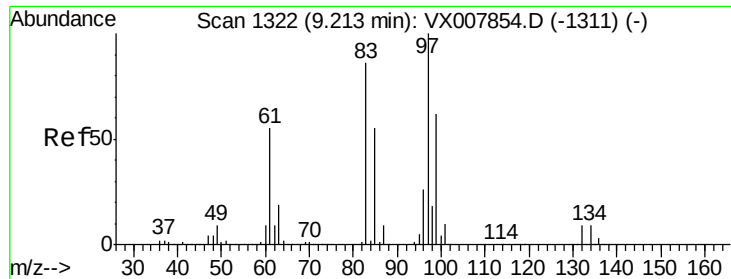
MMDadoda
3/12/2019 3:24:17 PM



#54
cis-1,3-Dichloropropene
Concen: 47.801 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 75 Resp: 165568
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 44.4 36.6 54.8





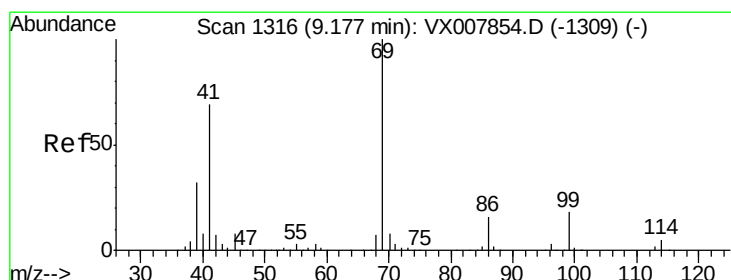
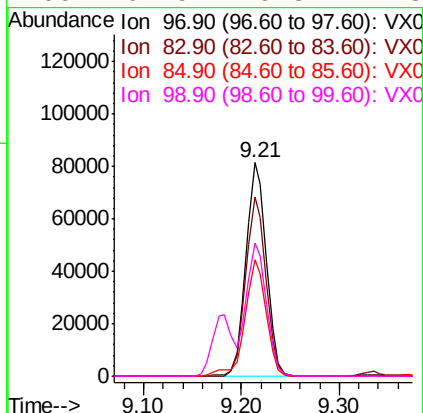
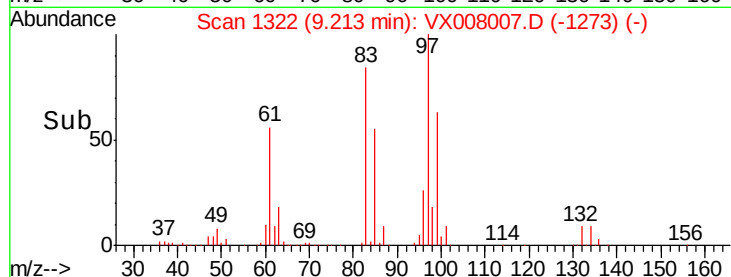
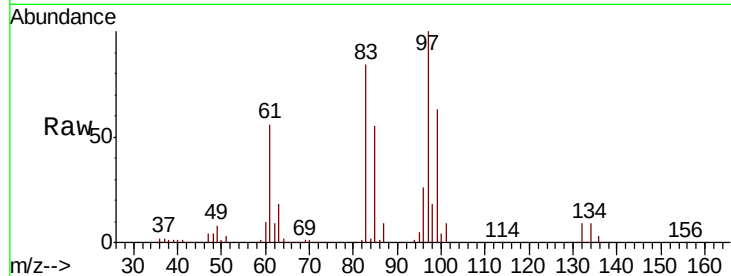
#55
 1,1,2-Trichloroethane
 Concen: 51.535 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	54.8	44.3	66.5
99	62.5	49.8	74.8

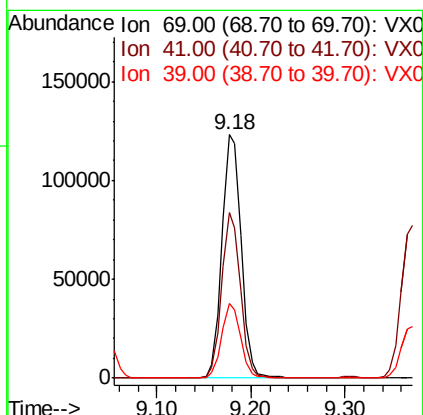
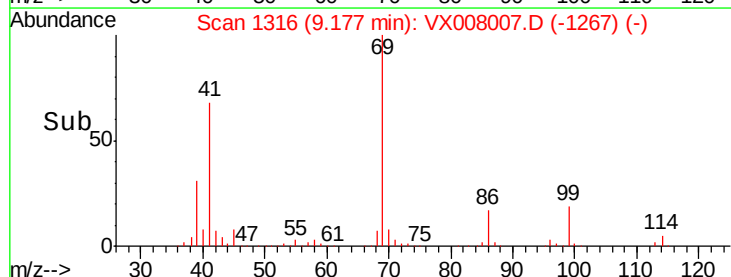
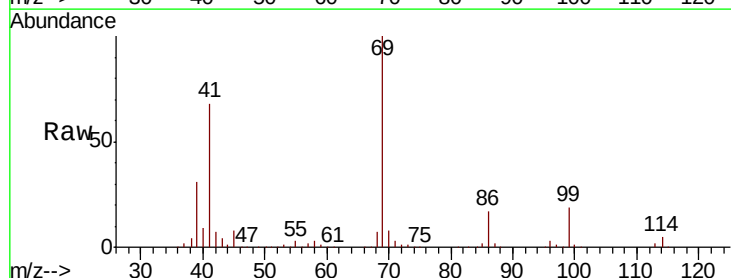
Manual Integrations
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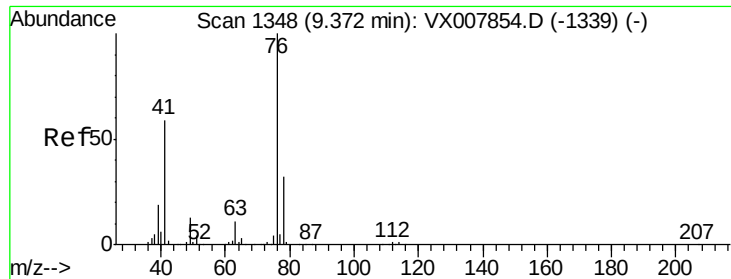
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.843 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.2	81.4
39	30.0	25.0	37.4





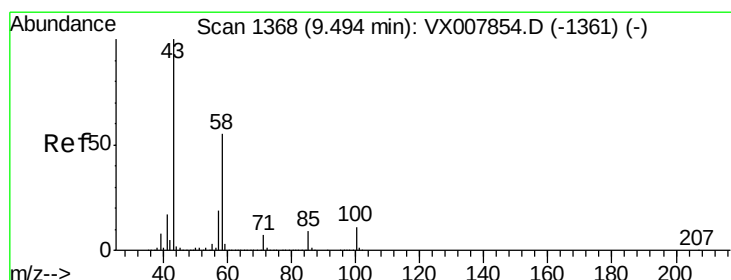
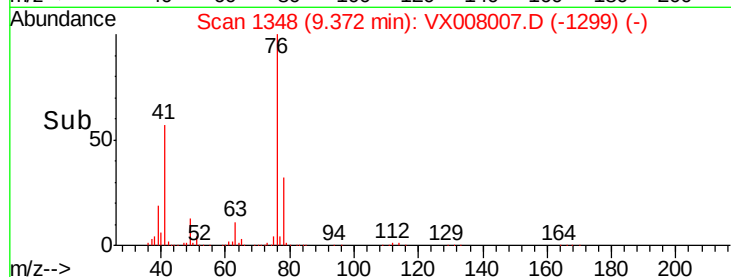
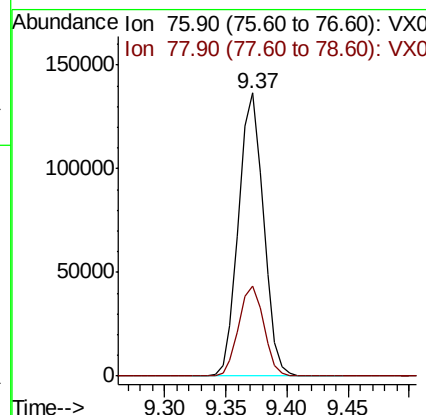
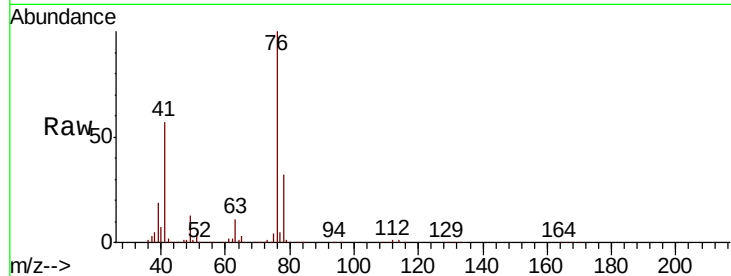
#57
 1,3-Dichloropropane
 Concen: 50.064 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

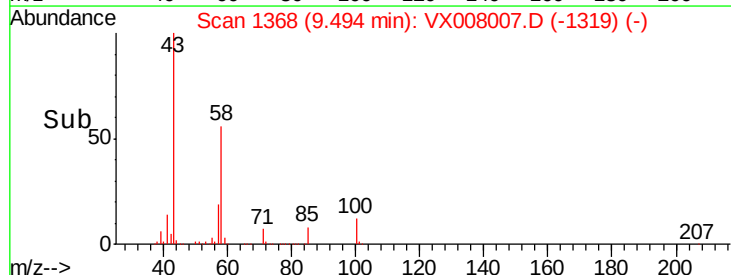
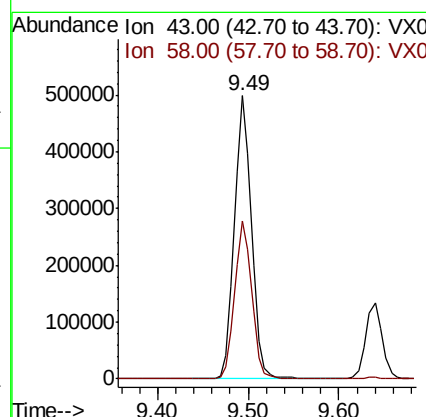
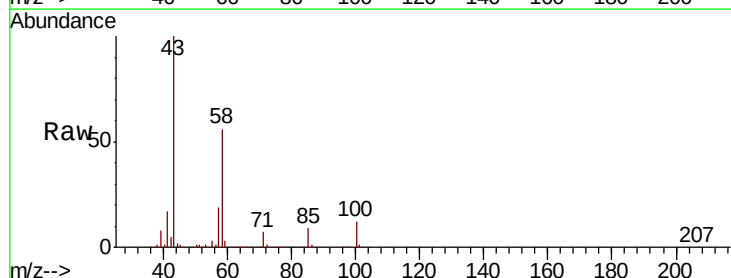
Manual Integrations
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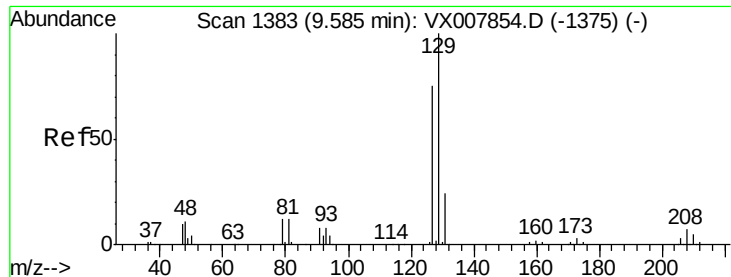
MMDadoda
 3/12/2019 3:24:17 PM



#59
 2-Hexanone
 Concen: 238.567 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.1	27.6	82.7





#60

Dibromochloromethane

Concen: 51.354 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:129 Resp: 123018

Ion Ratio Lower Upper

129 100

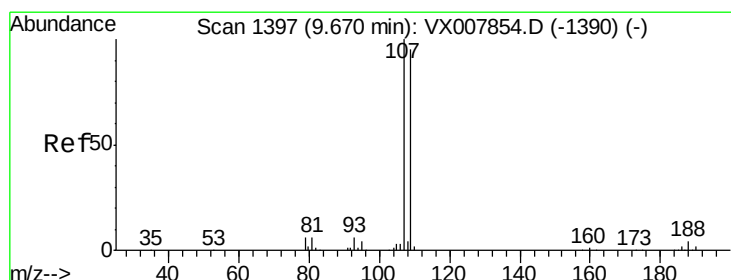
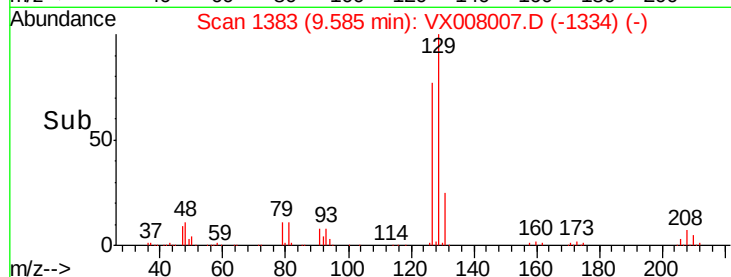
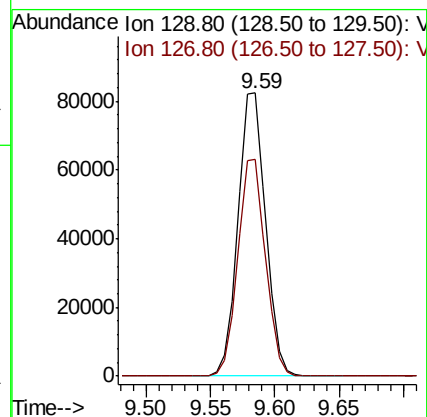
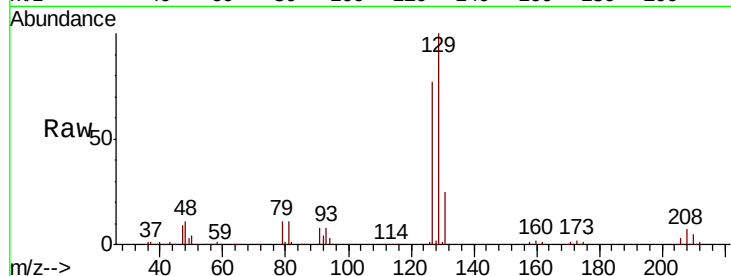
127 76.5 38.3 114.8

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 50.434 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008007.D

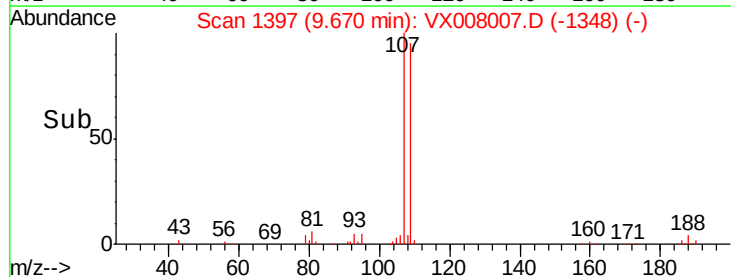
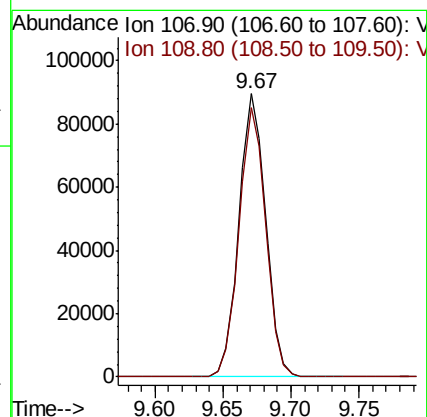
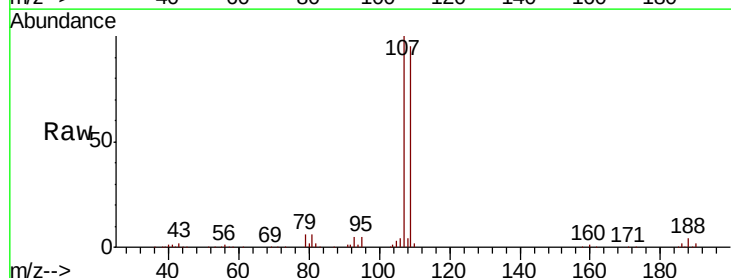
Acq: 12 Mar 2019 10:41

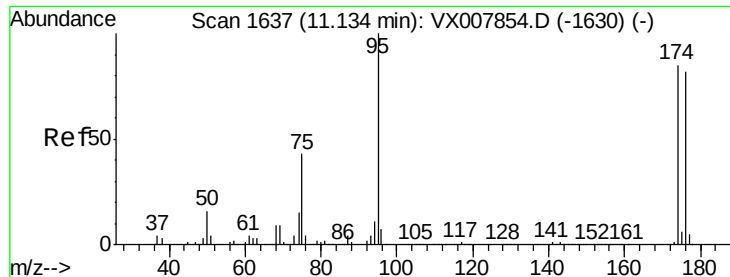
Tgt Ion:107 Resp: 122719

Ion Ratio Lower Upper

107 100

109 95.3 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 49.478 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 95 Resp: 140187

Ion Ratio Lower Upper

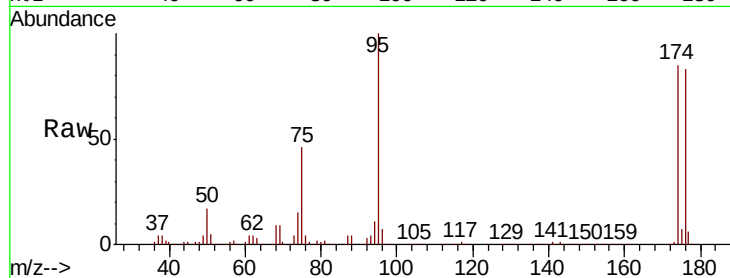
95 100

174 92.6 0.0 182.8

176 91.5 0.0 178.0

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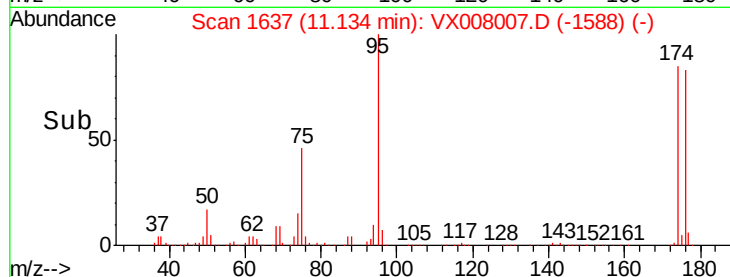


Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

Time-->

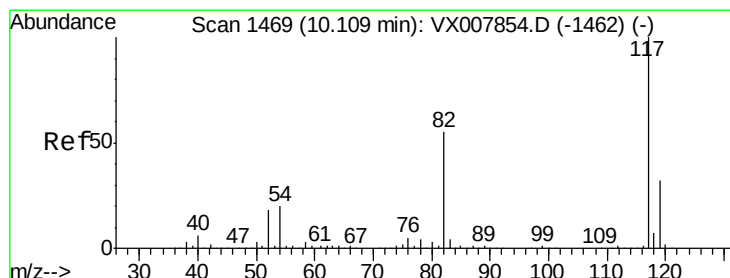


Abundance Ion 94.90 (94.60 to 95.60): VX008007.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008007.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008007.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

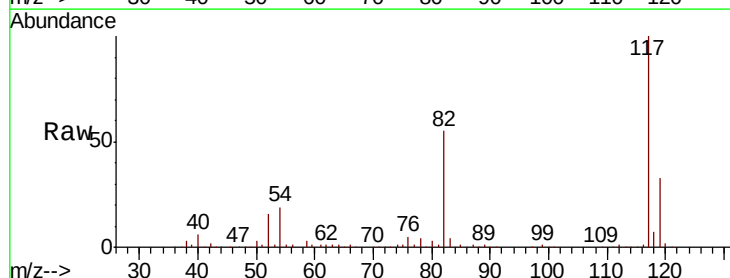
Tgt Ion: 117 Resp: 302504

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

119 32.6 25.3 37.9

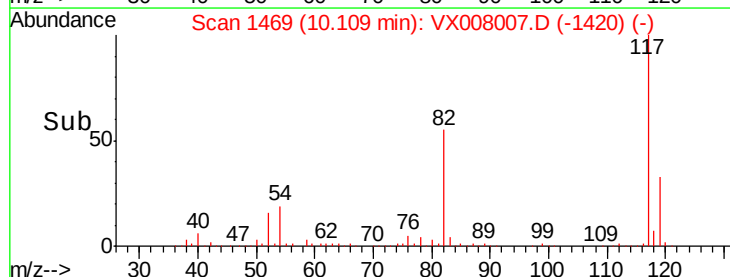


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

Time-->

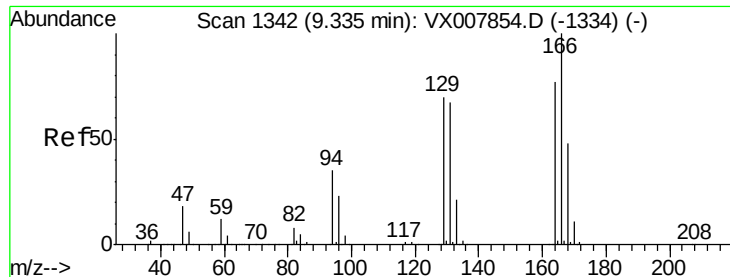


Abundance Ion 116.90 (116.60 to 117.60): VX008007.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008007.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008007.D (-1420) (-)

Time-->



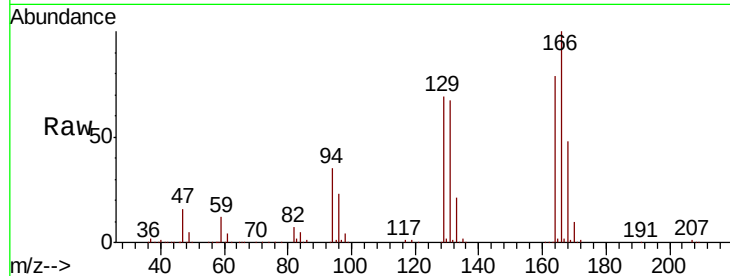
#64
Tetrachloroethene
Concen: 48.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.2	120895	103.4	155.0
129	87.2		72.2	108.4
131	84.9		69.4	104.2

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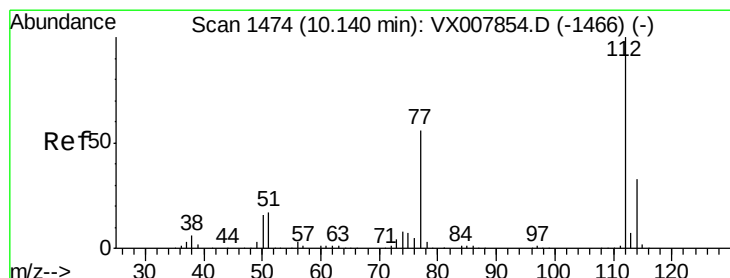
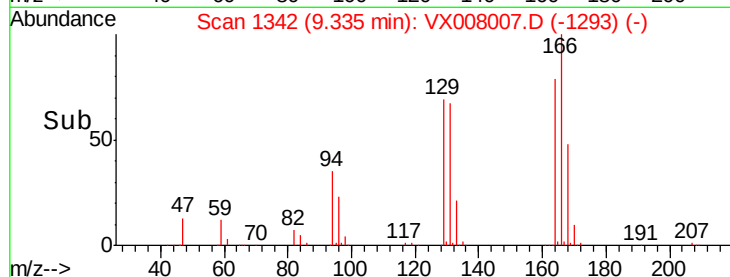
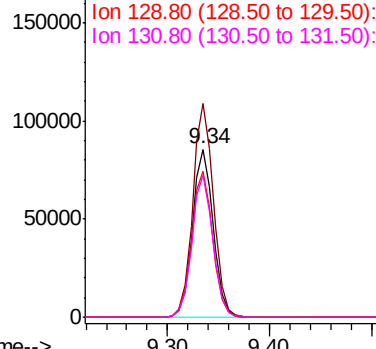
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

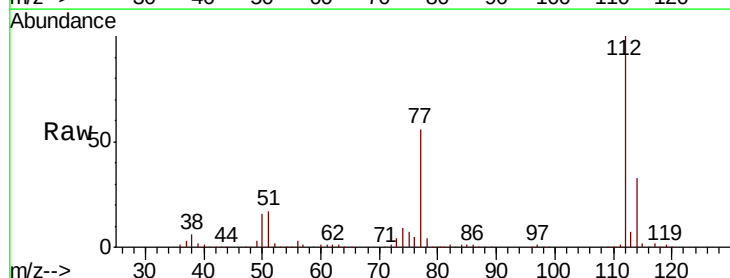
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.945 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

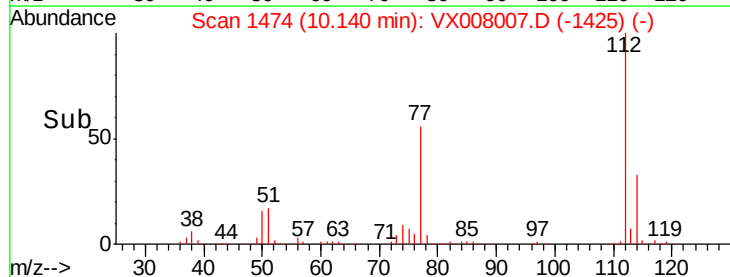
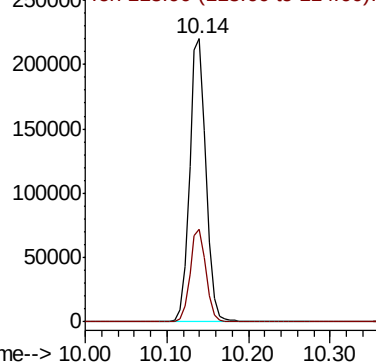
Tgt Ion	Ratio	Resp	Lower	Upper
112	100	309827		
114	32.8		26.0	39.0

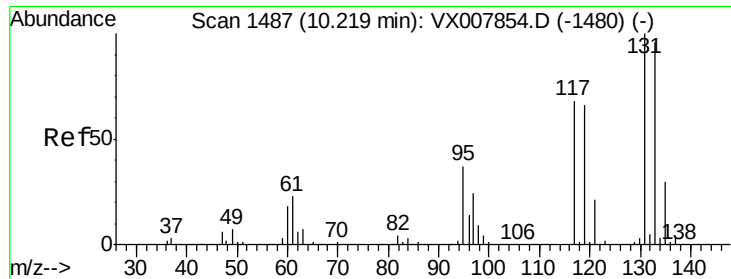


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





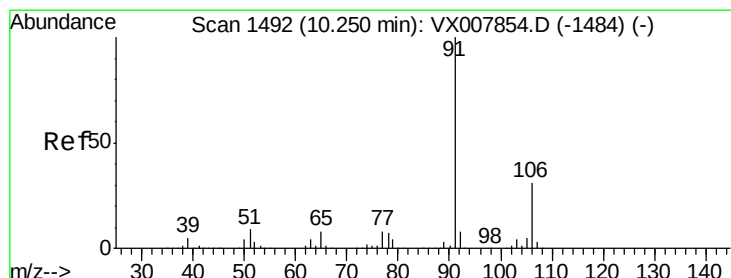
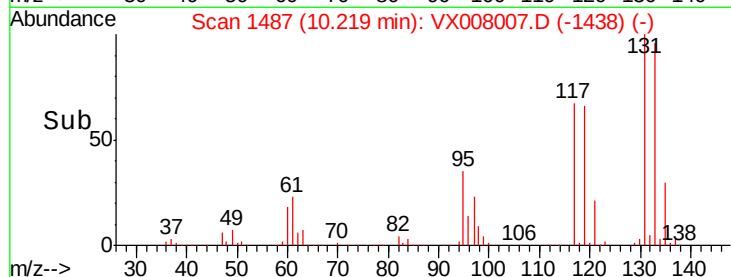
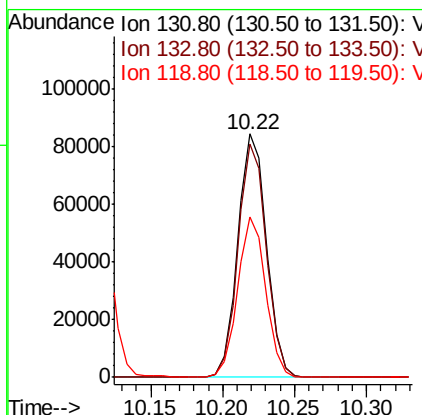
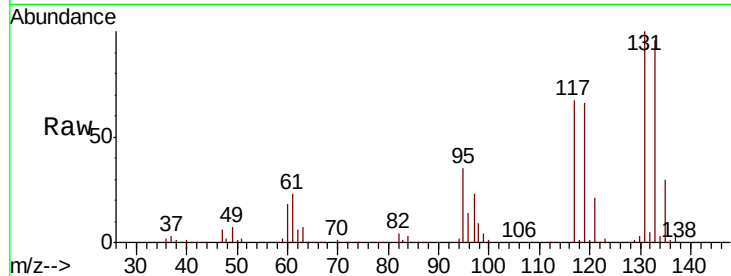
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.328 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion: 131 Resp: 116449
 Ion Ratio Lower Upper
 131 100
 133 94.9 47.8 143.3
 119 64.6 32.5 97.5

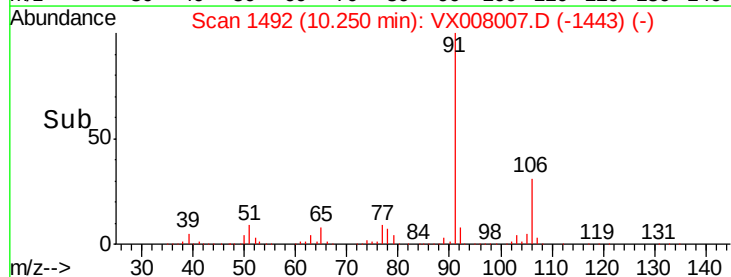
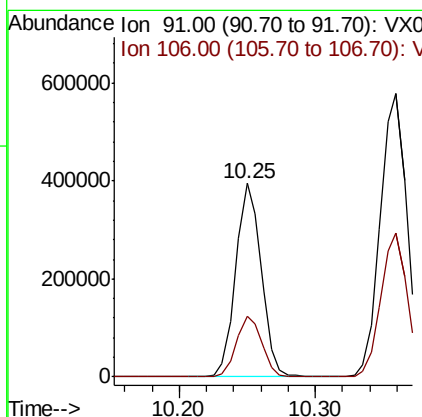
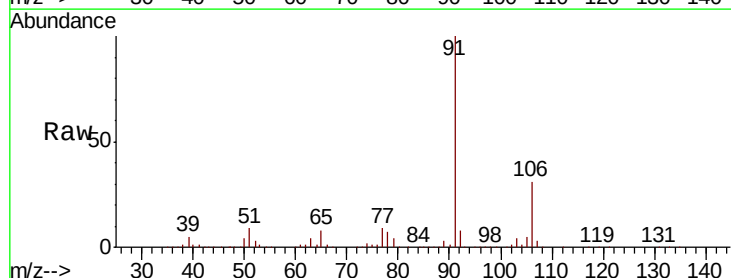
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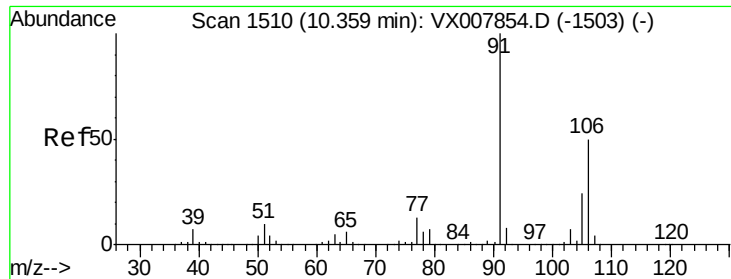
MMDadoda
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#67
 Ethyl Benzene
 Concen: 49.609 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 91 Resp: 516925
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.2 37.8





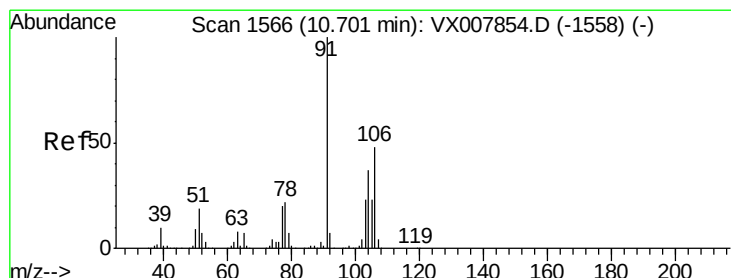
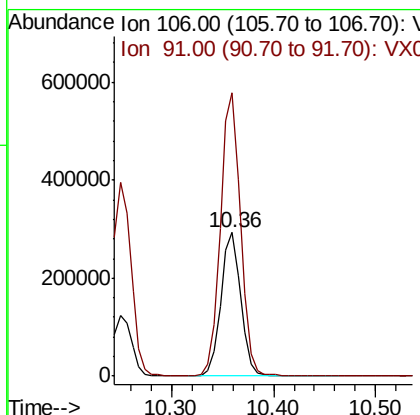
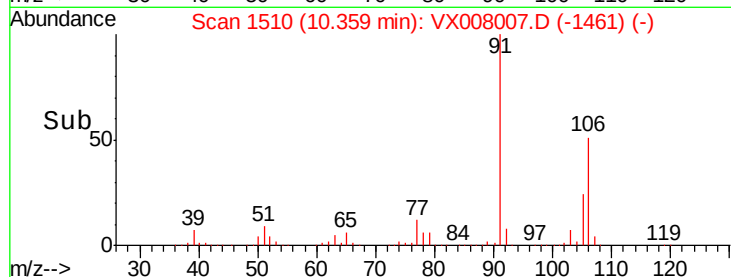
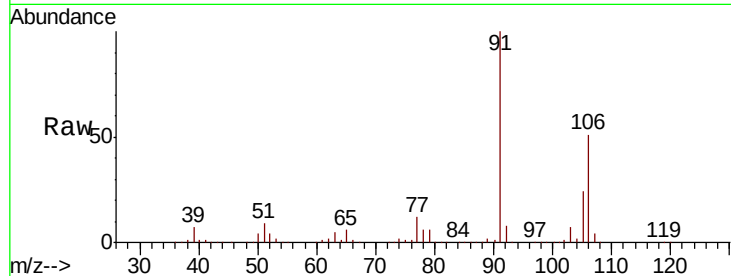
#68
m/p-Xylenes
Concen: 99.056 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion:106 Resp: 397850
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.6

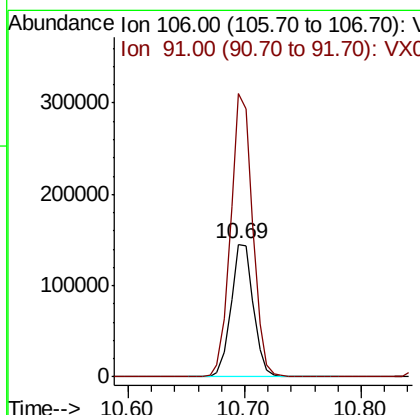
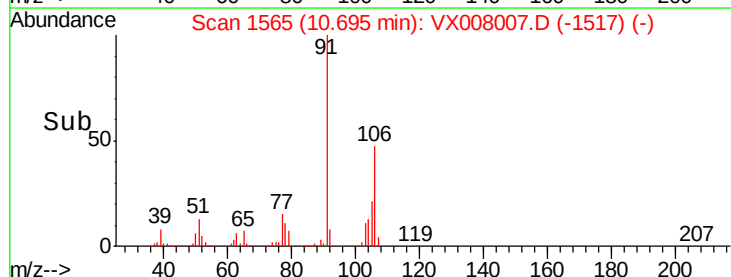
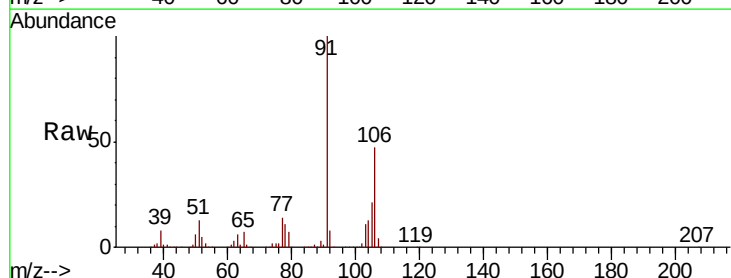
Manual Integrations
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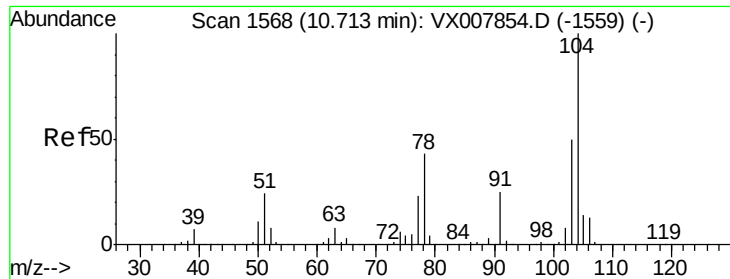
MMDadoda
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#69
o-Xylene
Concen: 50.213 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion:106 Resp: 194708
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.9





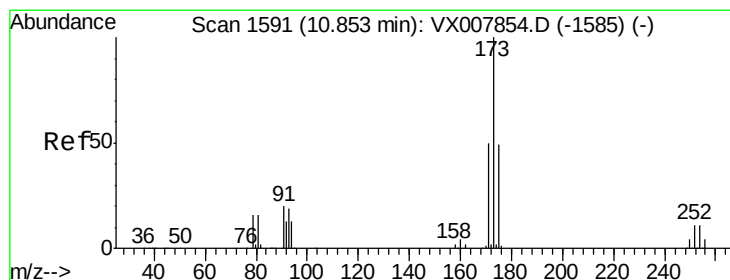
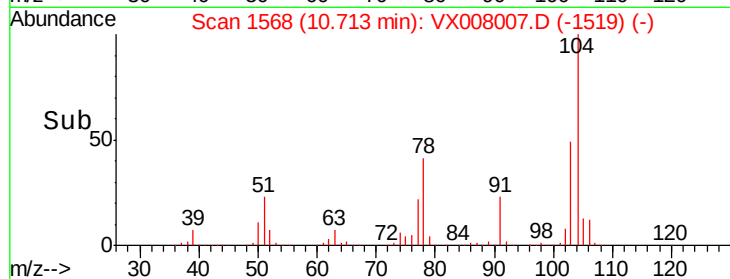
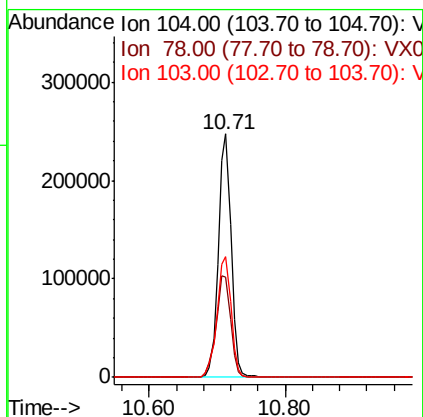
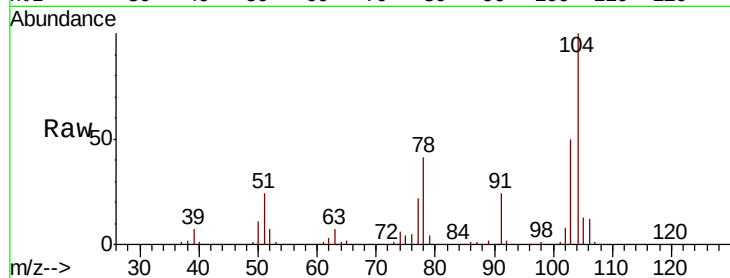
#70
Styrene
Concen: 50.668 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	38.5	57.7
103	55.1	44.1	66.1

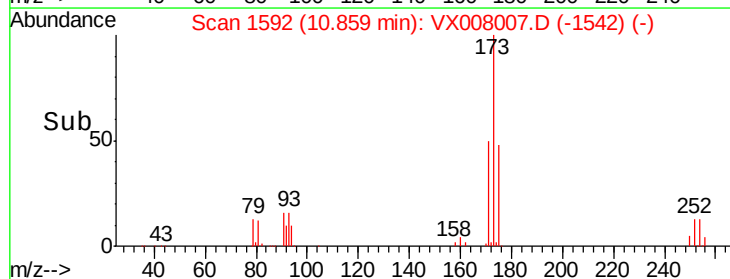
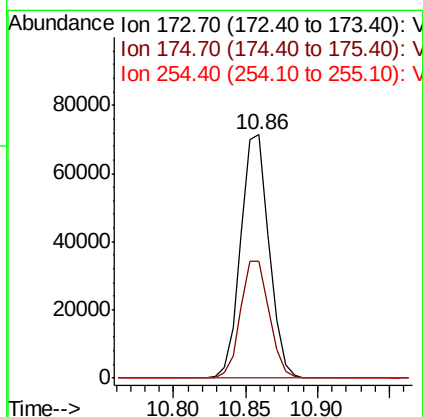
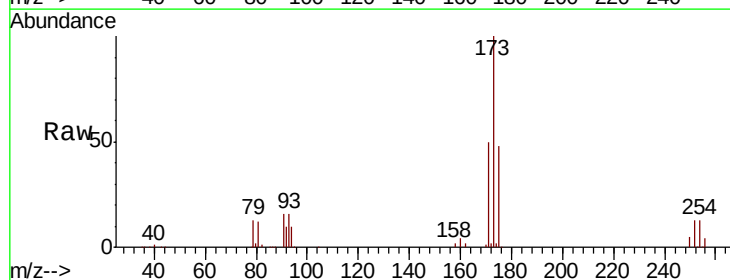
Manual Integrations
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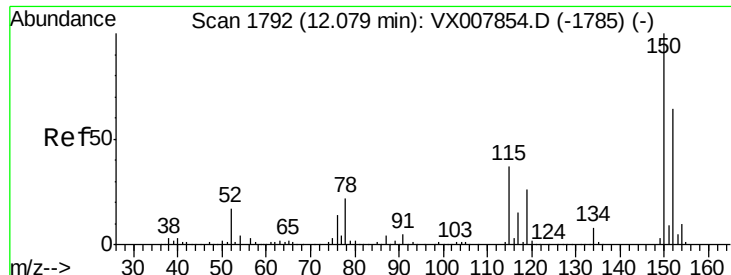
MMDadoda
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#71
Bromoform
Concen: 49.952 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

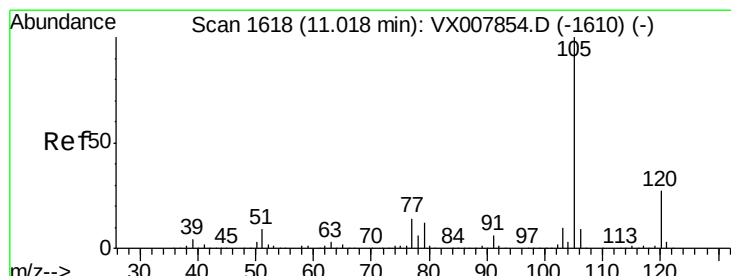
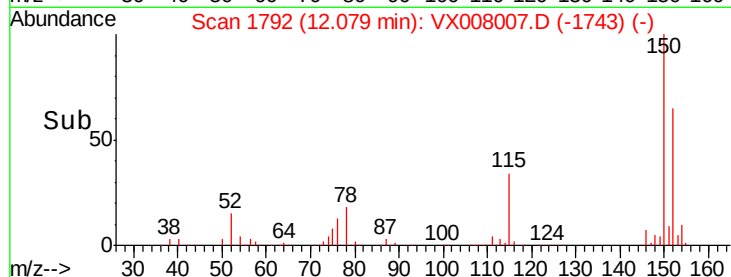
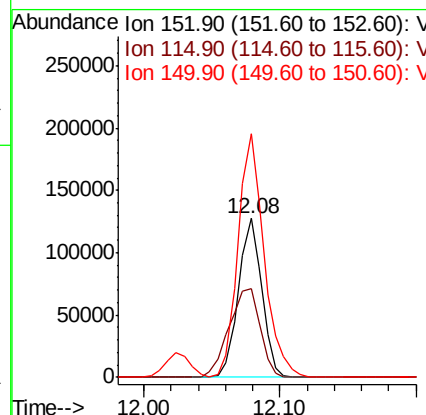
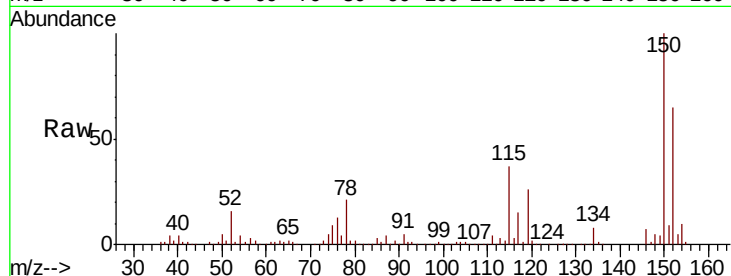
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	152	Resp:	152587
Ion Ratio	Lower	Upper	
152	100		
115	74.5	38.6	115.7
150	170.5	0.0	348.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 50.016 ug/l

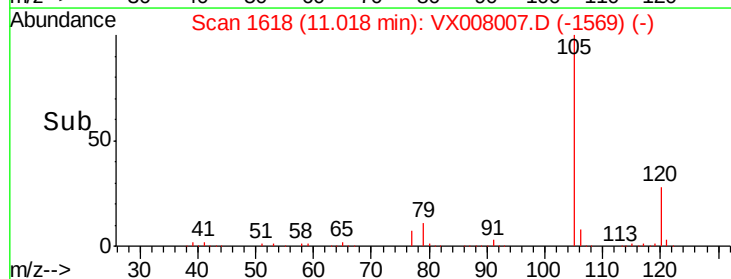
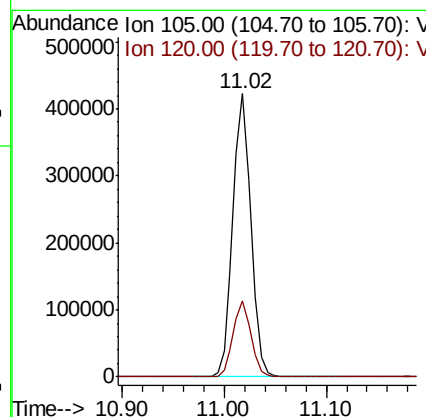
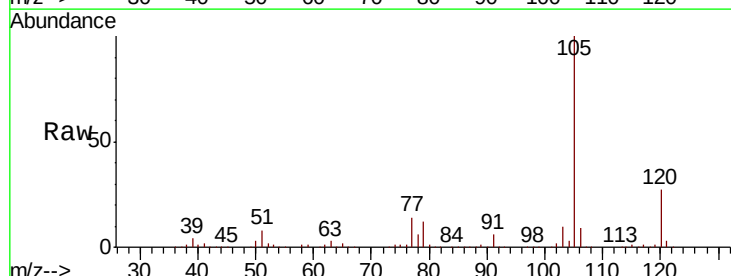
RT: 11.02 min Scan# 1618

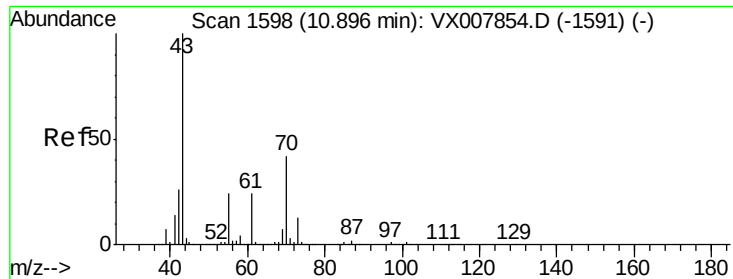
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	105	Resp:	516147
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.4	40.1





#74

N-ethyl acetate

Concen: 34.382 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

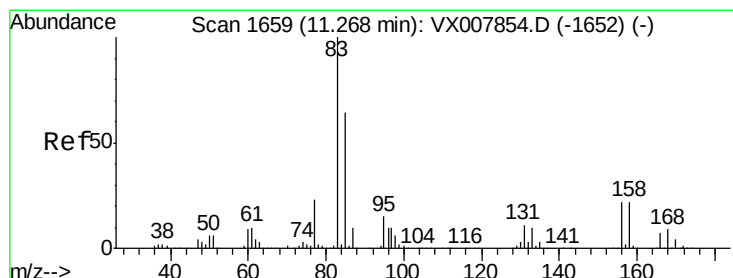
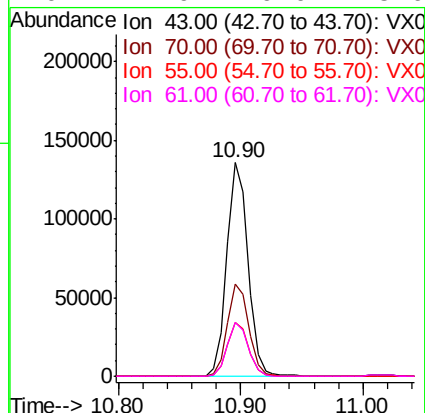
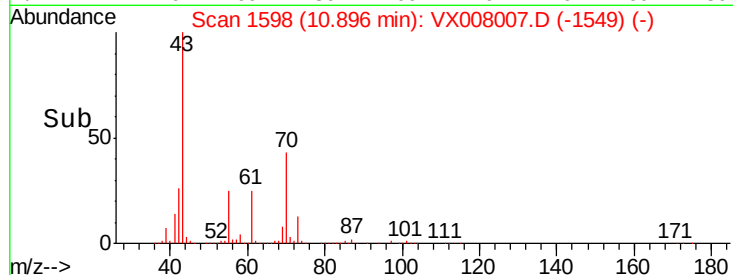
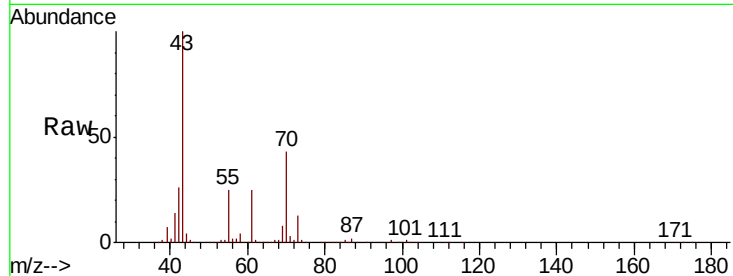
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
70	43.4	33.5	50.3	
55	25.5	19.2	28.8	
61	24.9	19.0	28.6	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 47.383 ug/l

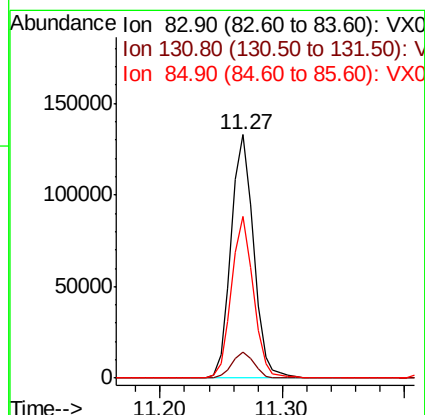
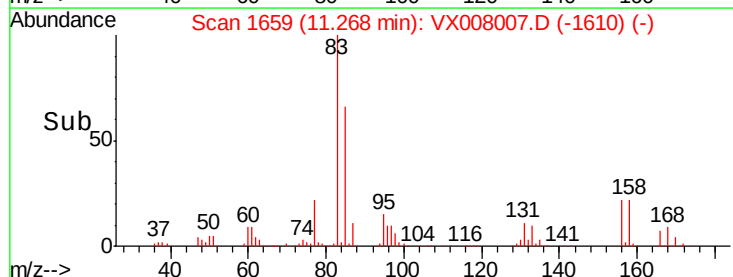
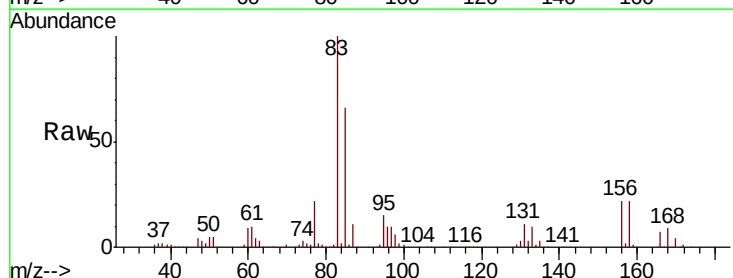
RT: 11.27 min Scan# 1659

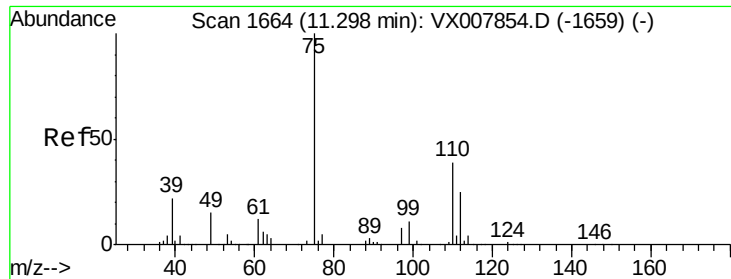
Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.6	5.4	16.2	
85	64.9	32.3	96.8	





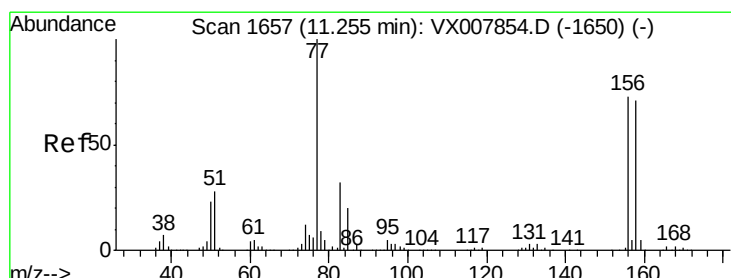
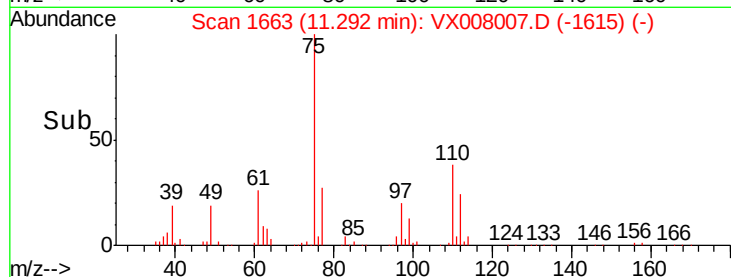
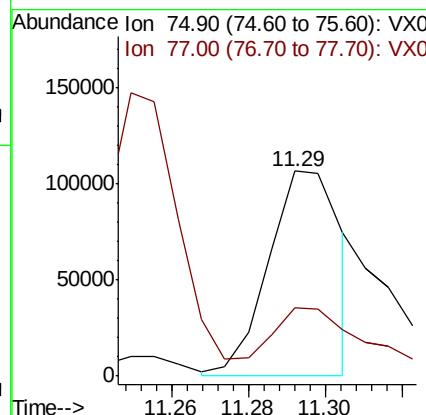
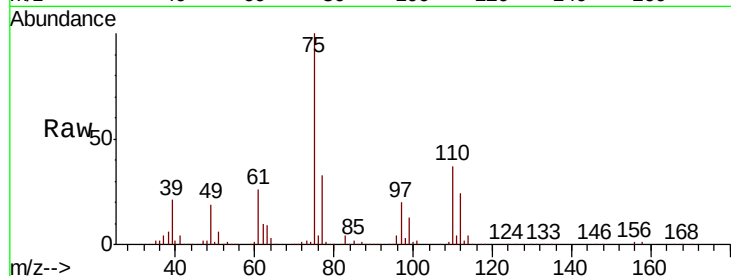
#76
1,2,3-Trichloropropane
Concen: 43.519 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 75 Resp: 139344
Ion Ratio Lower Upper
75 100
77 45.0 18.9 56.7

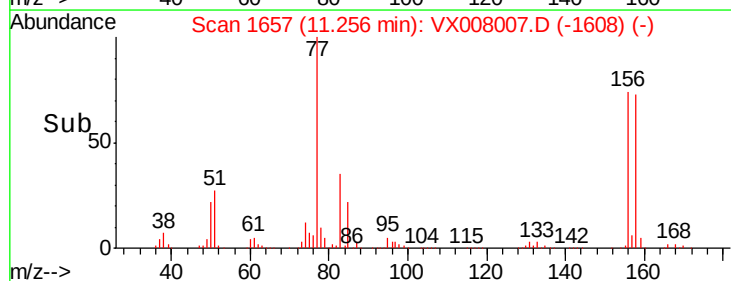
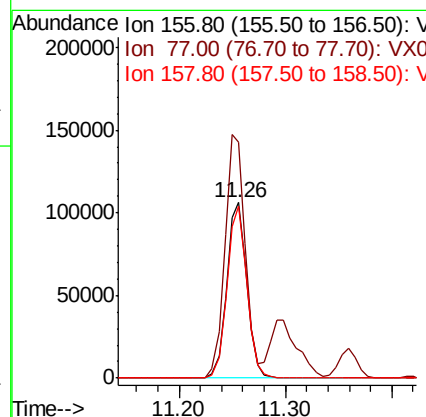
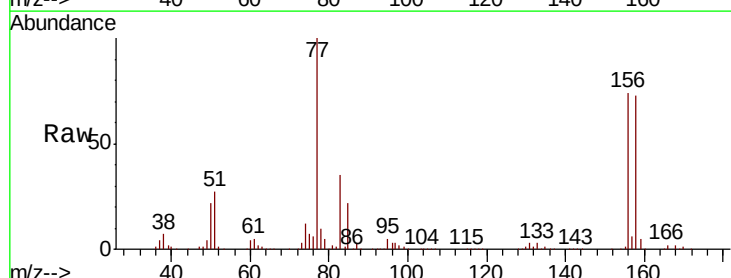
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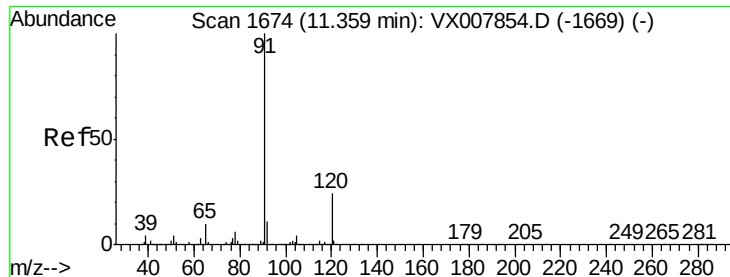
MMDadoda
3/12/2019 3:24:17 PM



#77
Bromobenzene
Concen: 49.144 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 156 Resp: 139042
Ion Ratio Lower Upper
156 100
77 139.9 72.0 215.9
158 97.2 48.6 145.9





#78

n-propylbenzene

Concen: 49.383 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 91 Resp: 565365

Ion Ratio Lower Upper

91 100

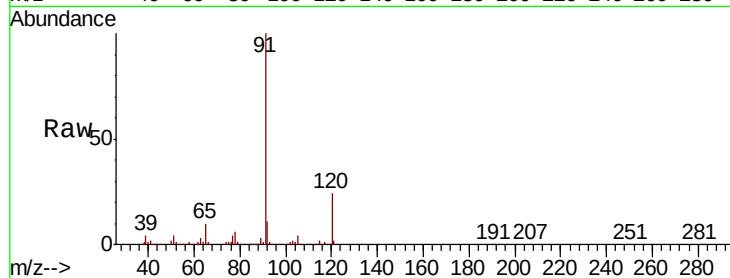
120 23.9 12.0 36.0

Manual Integrations

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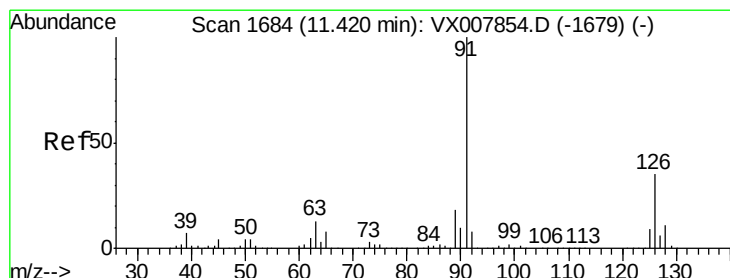
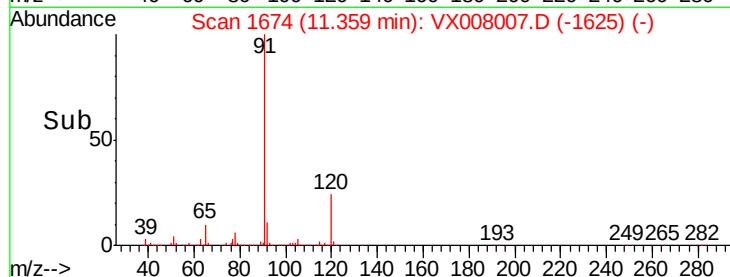
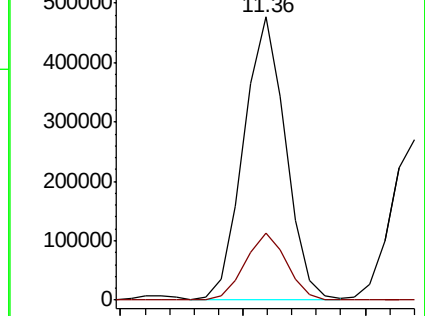
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.576 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008007.D

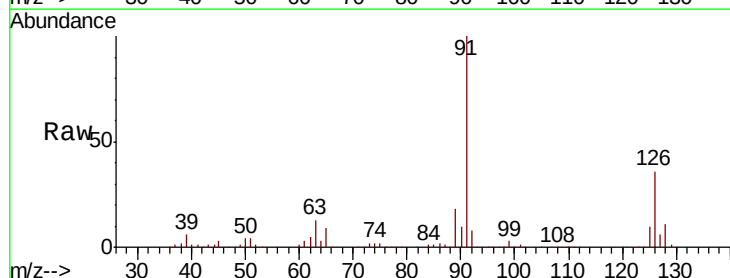
Acq: 12 Mar 2019 10:41

Tgt Ion: 91 Resp: 340029

Ion Ratio Lower Upper

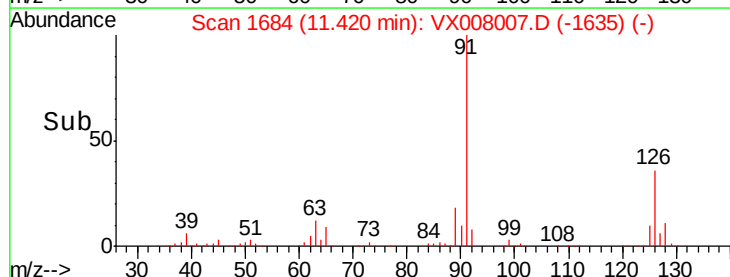
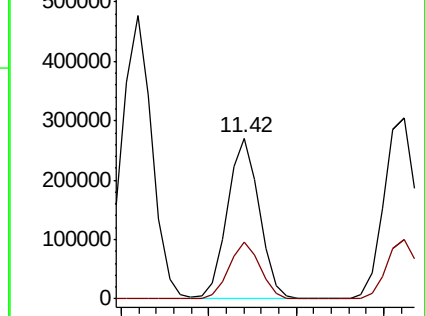
91 100

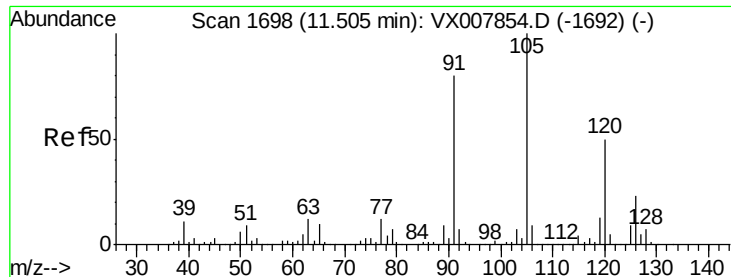
126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





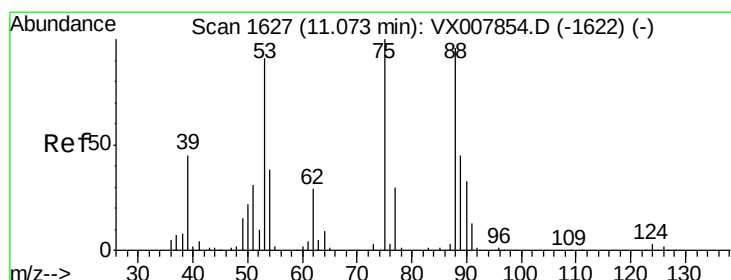
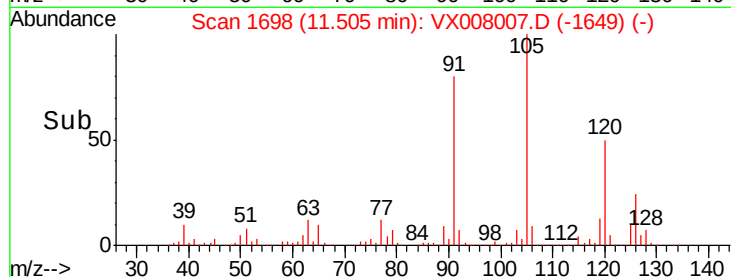
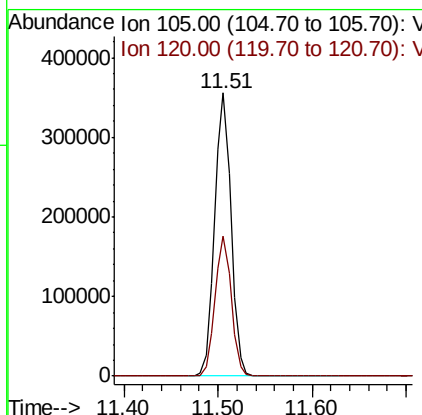
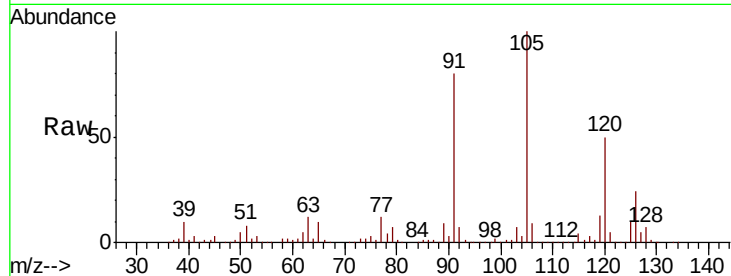
#80
 1,3,5-Trimethylbenzene
 Concen: 50.409 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion: 105 Resp: 428160
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6

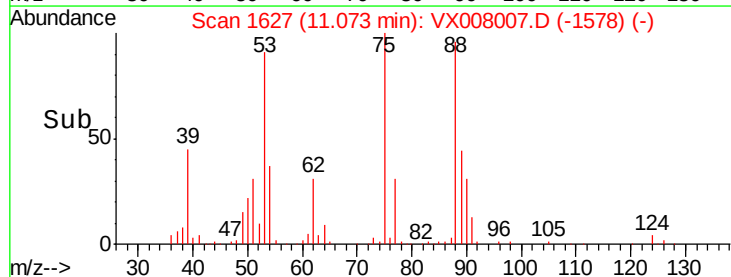
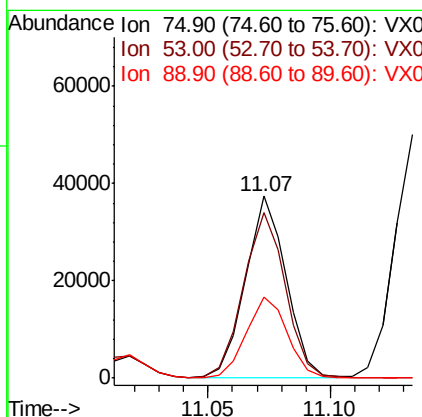
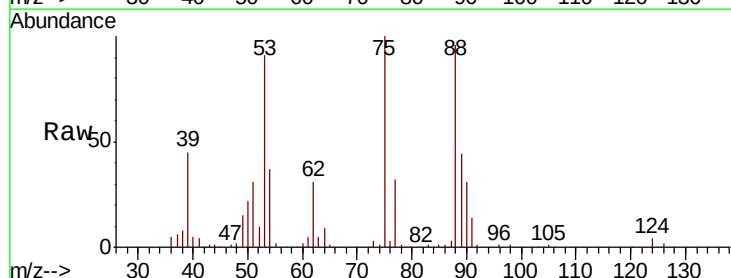
Manual Integrations
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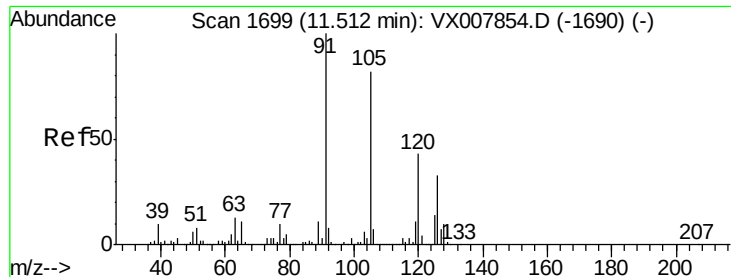
MMDadoda
 3/12/2019 3:24:17 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.935 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 75 Resp: 43008
 Ion Ratio Lower Upper
 75 100
 53 94.6 76.1 114.1
 89 45.7 36.3 54.5





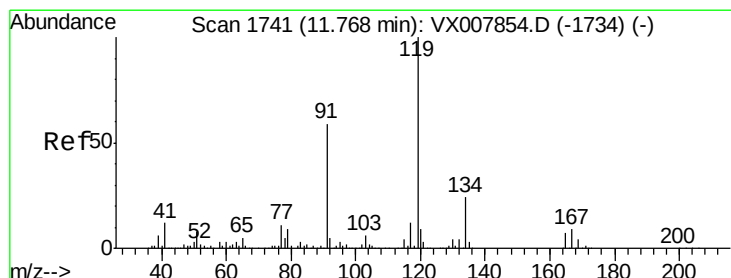
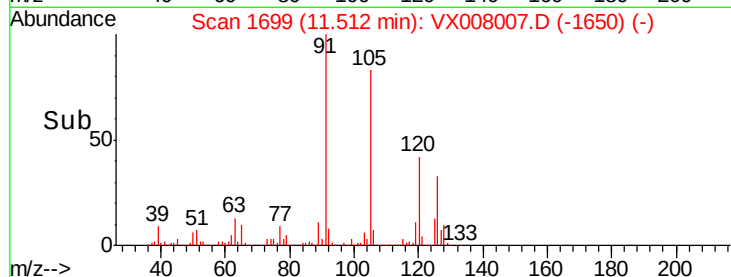
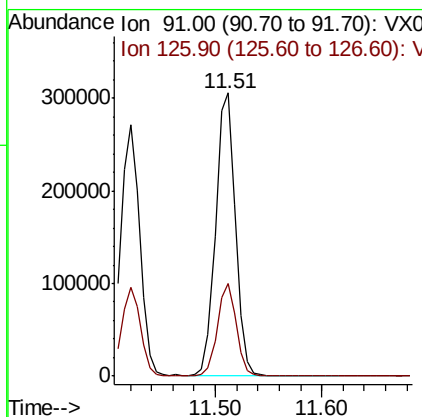
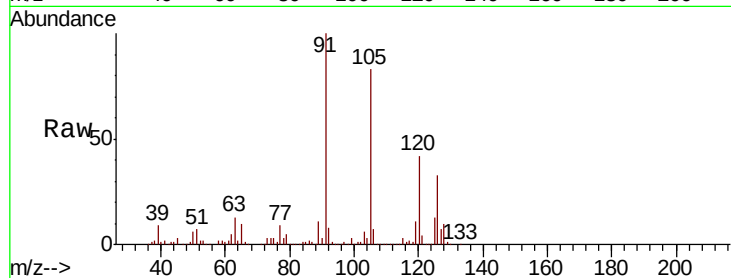
#82
4-Chlorotoluene
Concen: 48.832 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 91 Resp: 391726
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

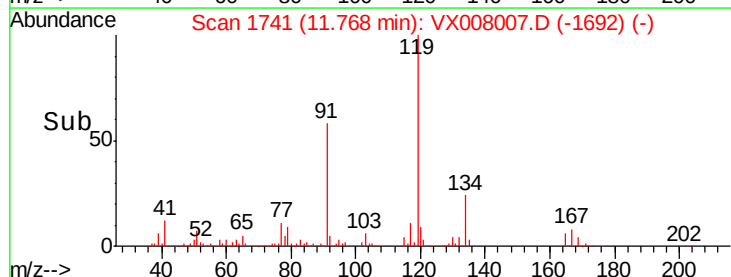
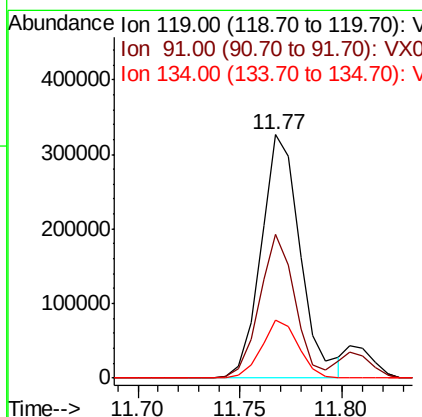
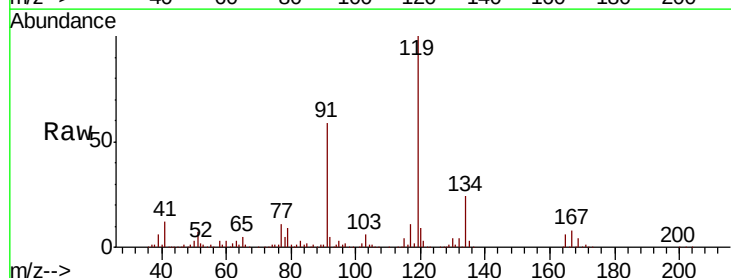
Manual Integrations
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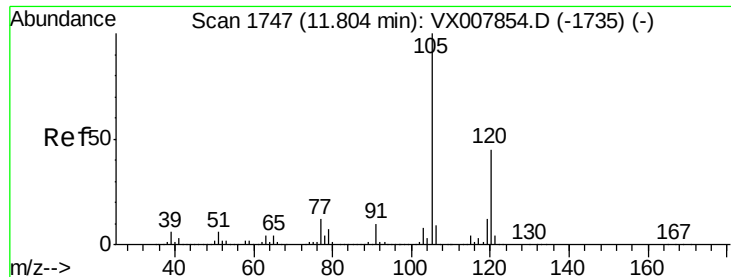
MMDadoda
3/12/2019 3:24:17 PM



#83
tert-Butylbenzene
Concen: 50.975 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 119 Resp: 436123
Ion Ratio Lower Upper
119 100
91 53.3 27.1 81.3
134 22.4 11.4 34.1





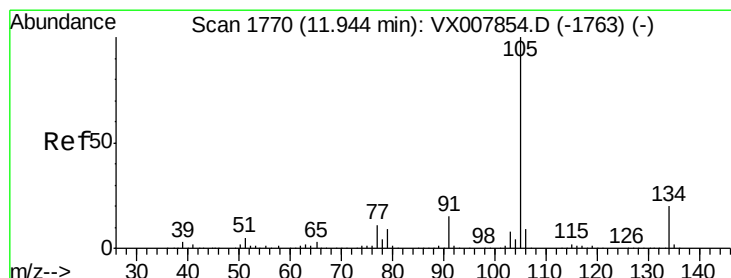
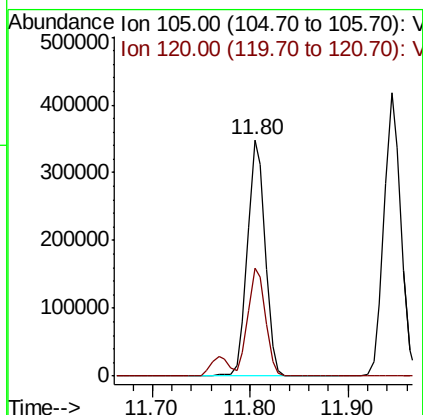
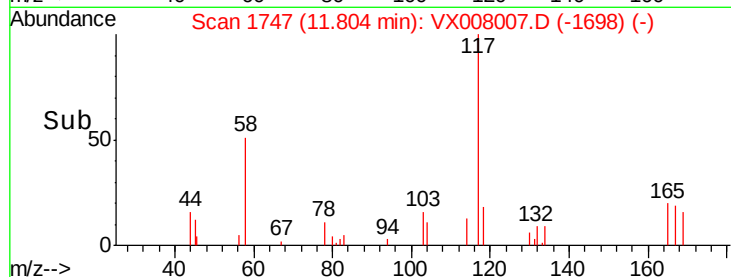
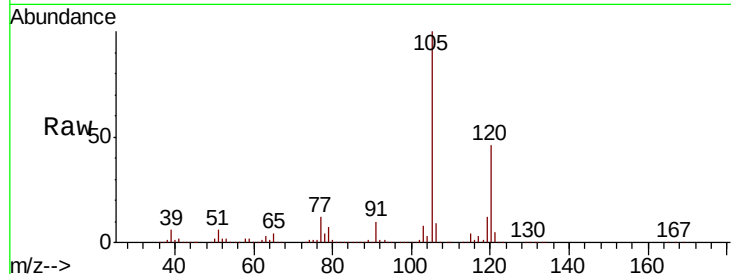
#84
1,2,4-Trimethylbenzene
Concen: 50.294 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion:105 Resp: 437913
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7

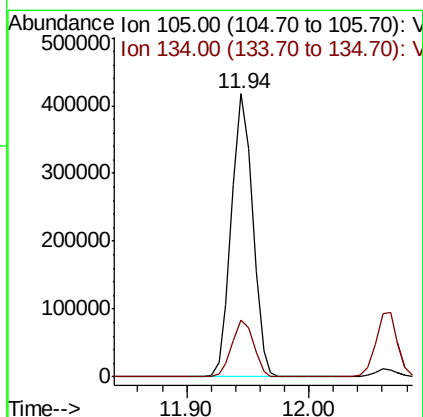
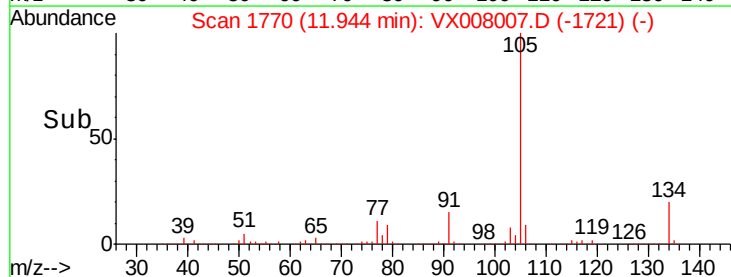
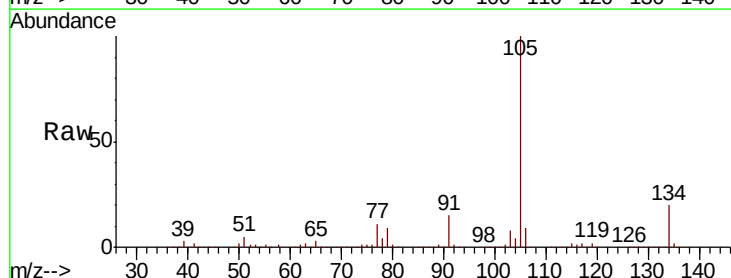
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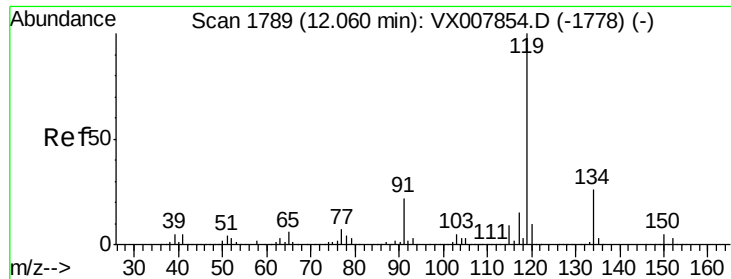
MMDadoda
3/12/2019 3:24:17 PM



#85
sec-Butylbenzene
Concen: 49.881 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion:105 Resp: 502619
Ion Ratio Lower Upper
105 100
134 20.3 10.4 31.2





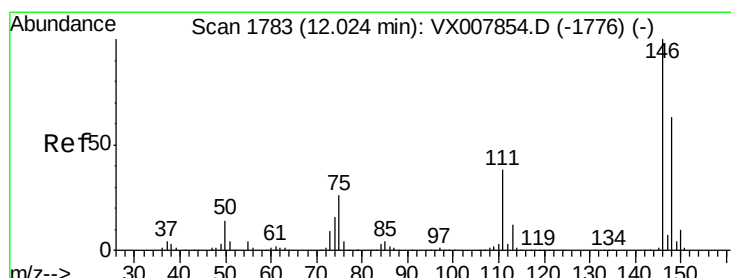
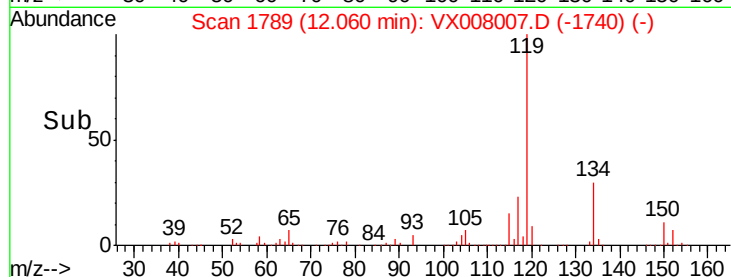
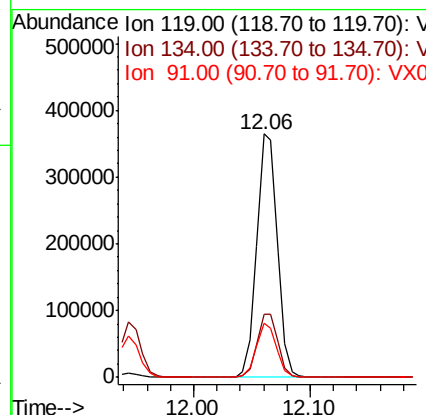
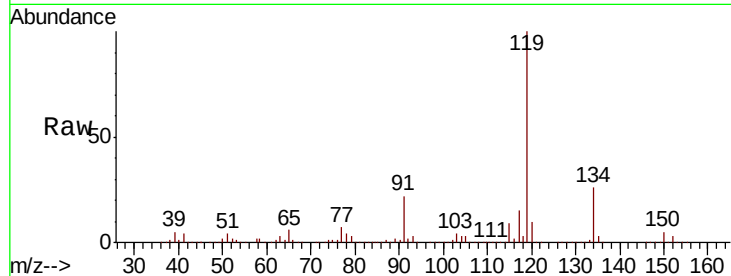
#86
 p-Isopropyltoluene
 Concen: 50.010 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	21.7	10.9	32.7

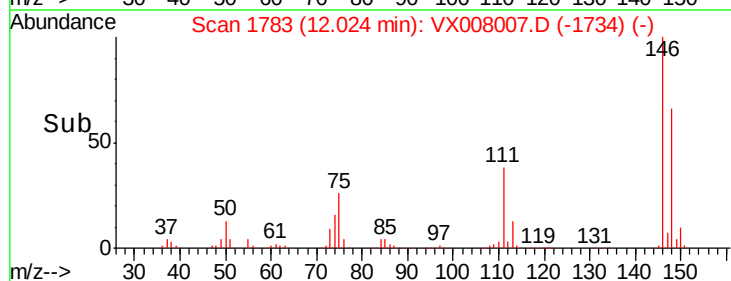
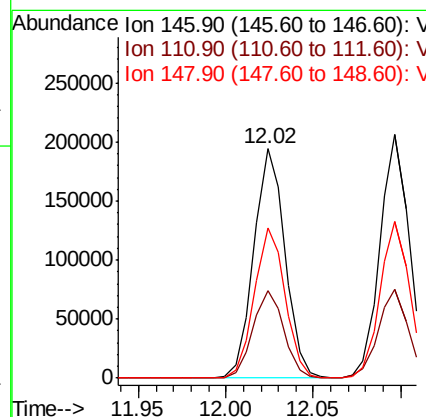
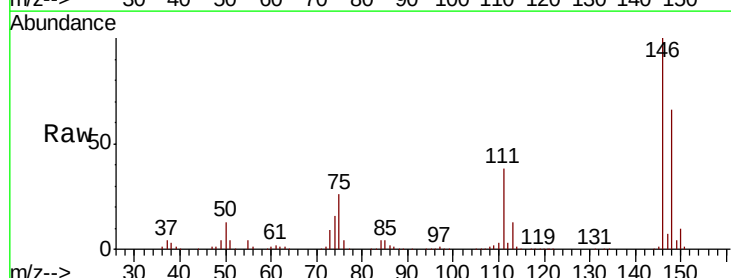
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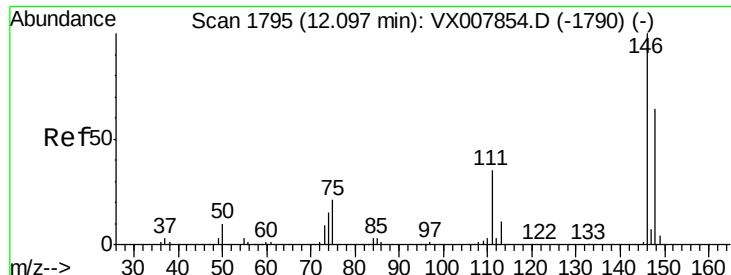
MMDadoda
 3/12/2019 3:24:17 PM



#87
 1,3-Dichlorobenzene
 Concen: 48.196 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.7	31.7	95.1





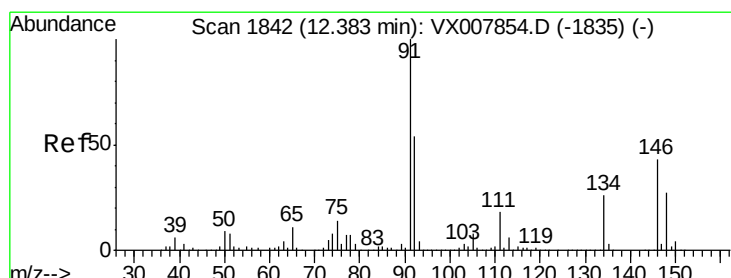
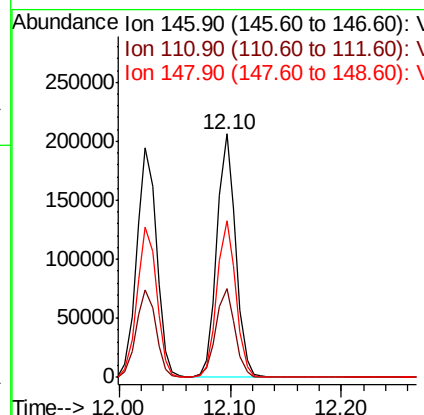
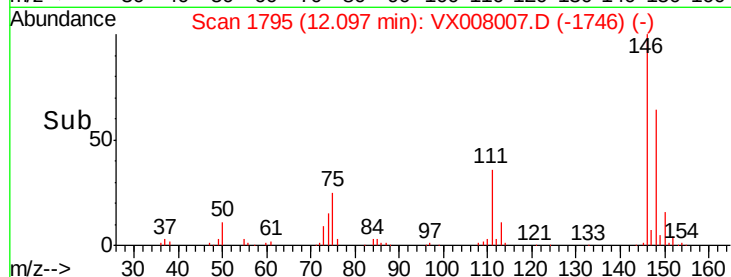
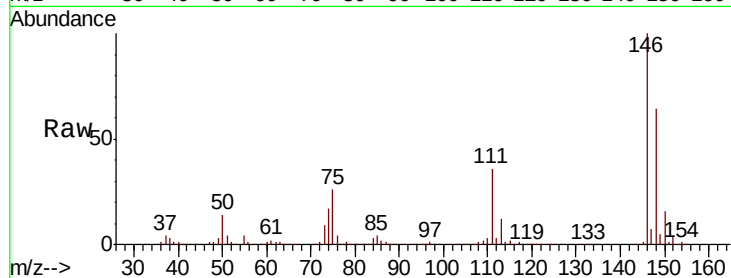
#88
 1,4-Dichlorobenzene
 Concen: 47.167 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	64.7	32.2	96.6

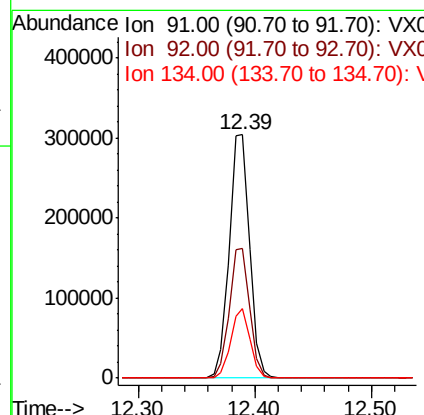
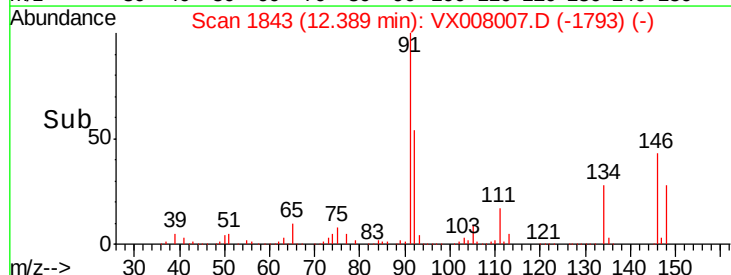
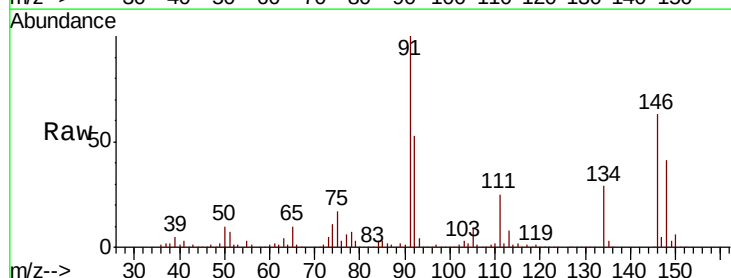
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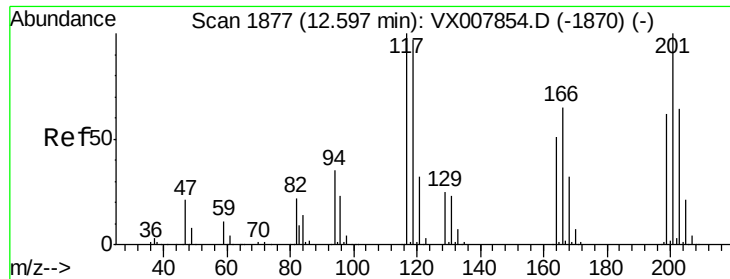
MMDadoda
 3/12/2019 3:24:17 PM



#89
 n-Butylbenzene
 Concen: 48.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.2	13.7	41.0





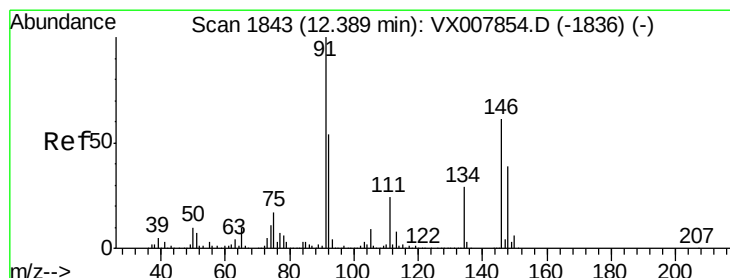
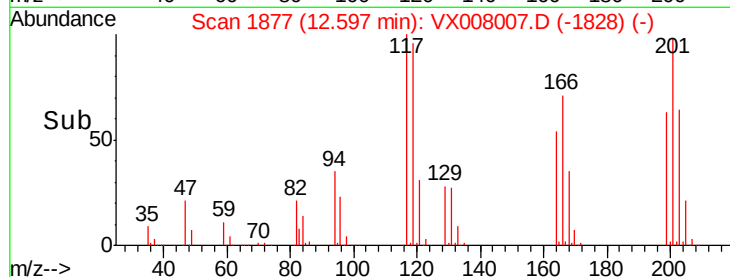
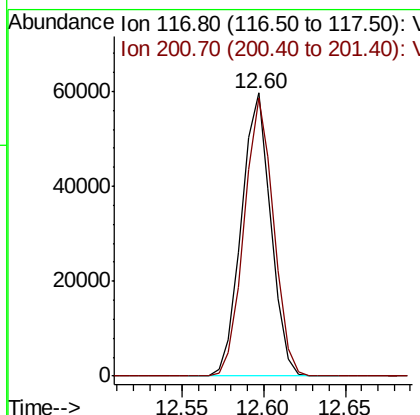
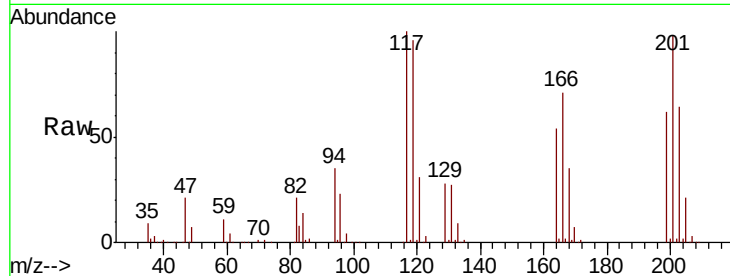
#90
Hexachloroethane
Concen: 49.656 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion:117 Resp: 74922
Ion Ratio Lower Upper
117 100
201 98.6 48.9 146.7

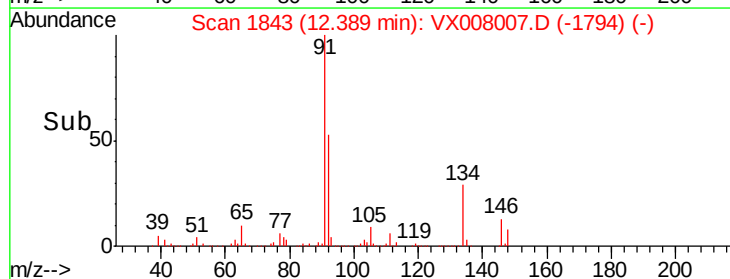
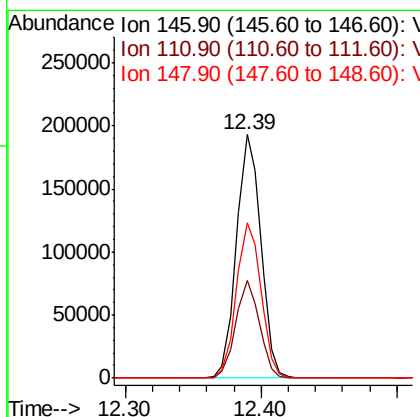
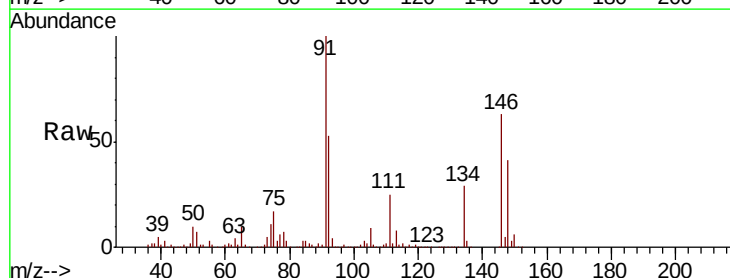
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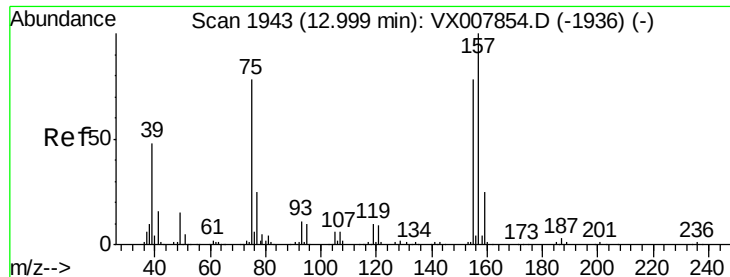
MMDadoda
3/12/2019 3:24:17 PM



#91
1,2-Dichlorobenzene
Concen: 48.532 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion:146 Resp: 241329
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.5 31.9 95.5





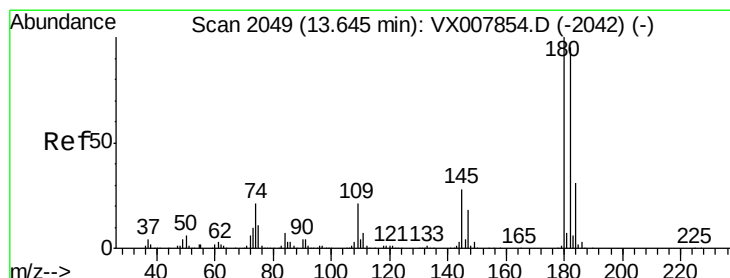
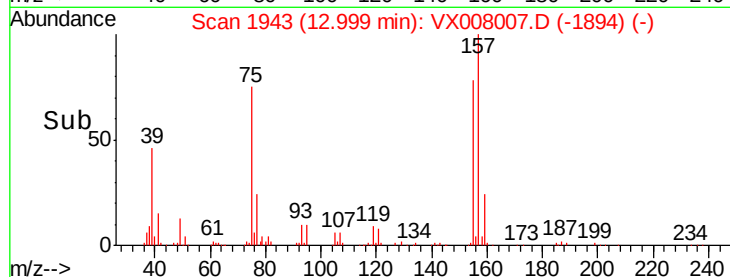
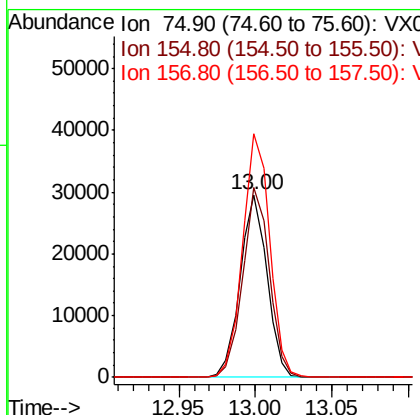
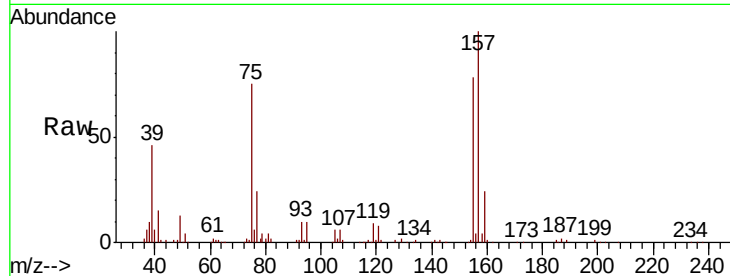
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.389 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion: 75 Resp: 35998
 Ion Ratio Lower Upper
 75 100
 155 102.9 49.7 149.1
 157 134.2 63.8 191.4

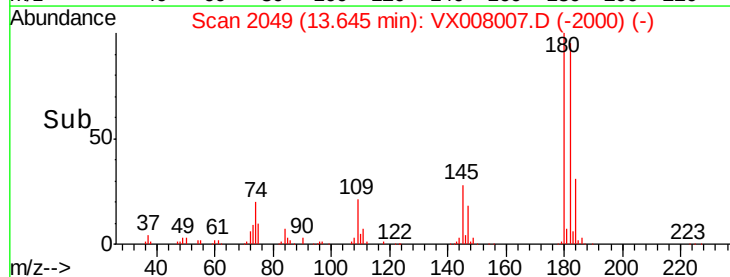
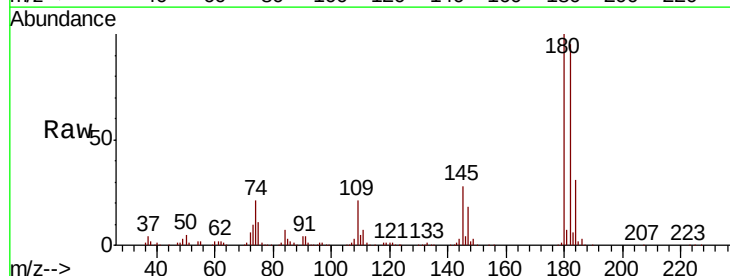
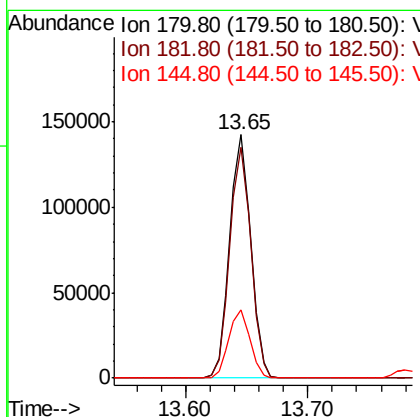
Manual Integrations
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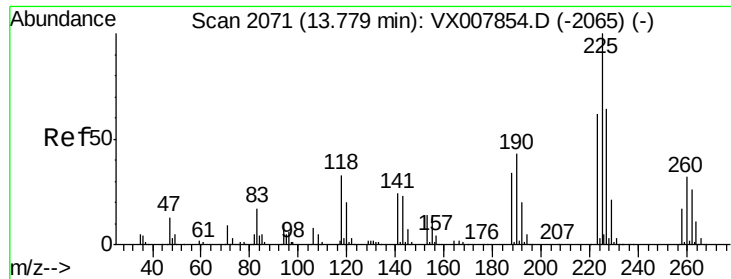
MMDadoda
 3/12/2019 3:24:17 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 48.497 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 180 Resp: 169407
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.7
 145 28.3 14.1 42.4





#94

Hexachlorobutadiene

Concen: 46.913 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

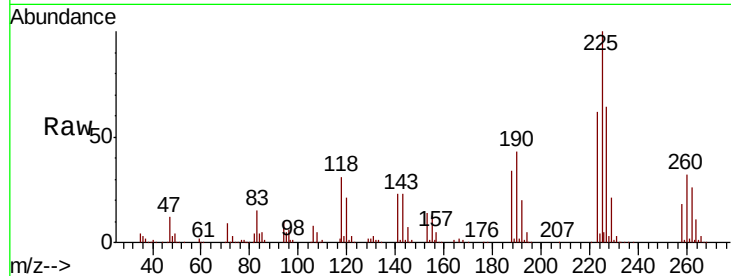
ClientSampleId :

RE123D1-20190306MSD

Tgt Ion:	225	Resp:	85677
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.1	93.2
227	64.2	32.0	96.0

Manual Integrations
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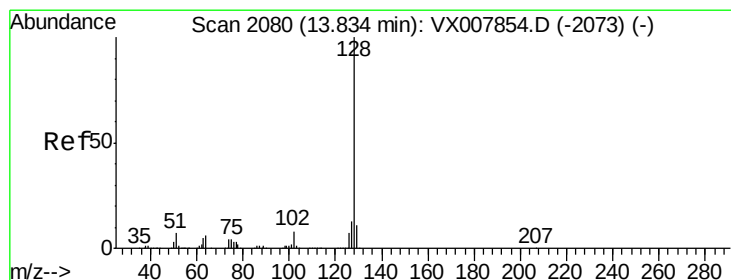
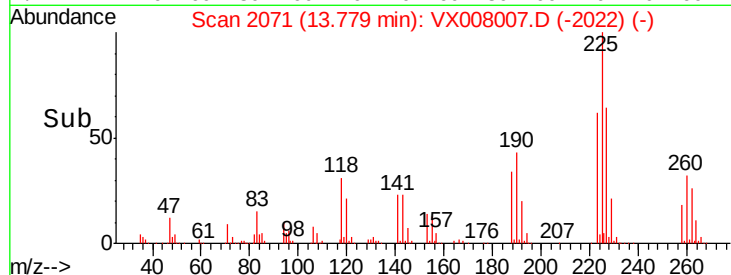
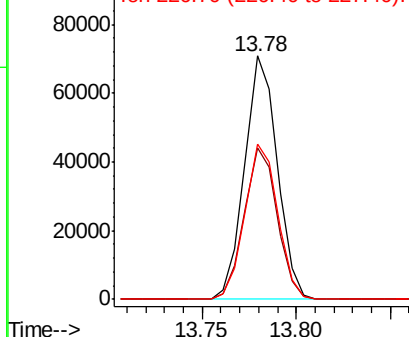


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.486 ug/l

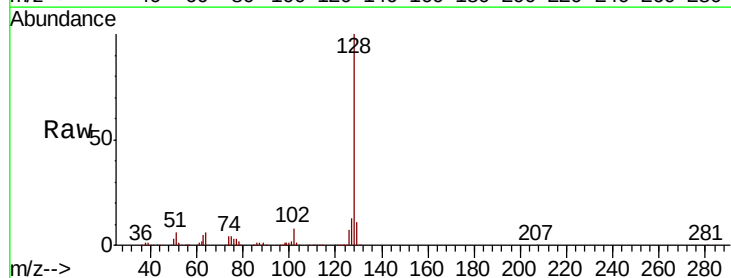
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion:	128	Resp:	518204
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

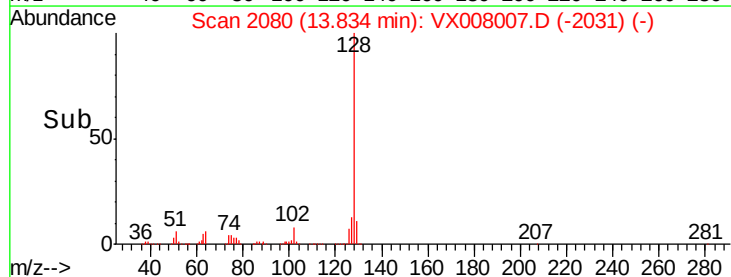
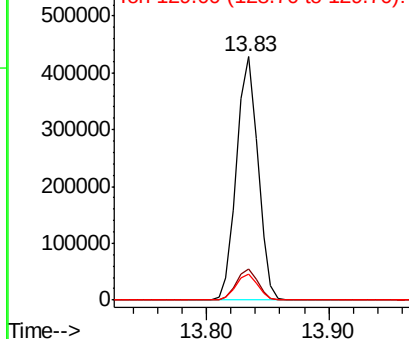


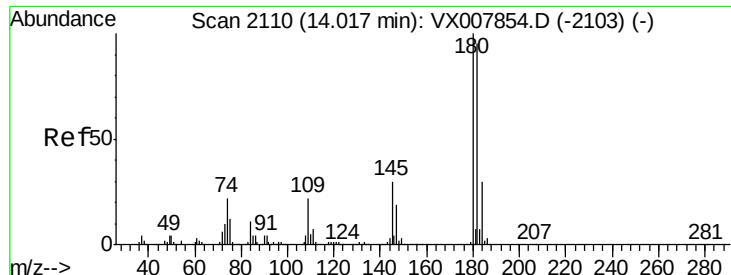
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





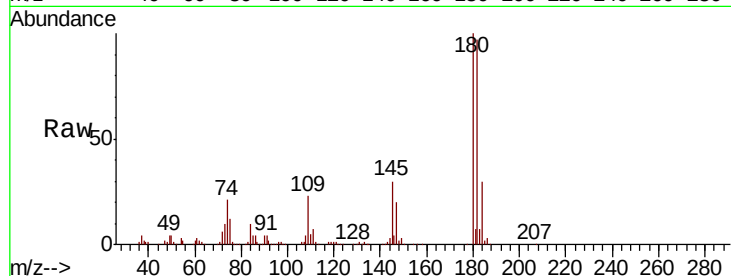
#96
 1,2,3-Trichlorobenzene
 Concen: 49.467 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	172136		
182	95.8	47.5	142.5	
145	29.8	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 3:24:17 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

