

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008184.D
 Acq On : 19 Mar 2019 11:58
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:28:16 AM

Quant Time: Mar 19 12:22:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	494957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	644834	141.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.56%	
35) Dibromofluoromethane	5.50	113	486493	142.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.18%	
50) Toluene-d8	8.72	98	1857598	141.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.40%	
62) 4-Bromofluorobenzene	11.14	95	666276	145.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	569127	145.862	ug/l	99
3) Chloromethane	1.32	50	659650	149.276	ug/l	98
4) Vinyl Chloride	1.41	62	653722	141.275	ug/l	100
5) Bromomethane	1.64	94	596741	150.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	804342	140.866	ug/l	97
8) Diethyl Ether	2.19	74	467095	143.992	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	587447	143.585	ug/l	91
10) Methyl Iodide	2.51	142	785856	145.020	ug/l	97
11) Tert butyl alcohol	3.07	59	763905	743.487	ug/l	100
12) 1,1-Dichloroethene	2.37	96	574541	148.138	ug/l	91
13) Acrolein	2.30	56	496610	712.703	ug/l	100
14) Allyl chloride	2.73	41	1287869	149.071	ug/l	95
15) Acrylonitrile	3.15	53	1934878	705.636	ug/l	99
16) Acetone	2.45	43	1800754	673.112	ug/l	98
17) Carbon Disulfide	2.57	76	1791100	148.012	ug/l	100
18) Methyl Acetate	2.78	43	937959	143.513	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	2076007	145.925	ug/l	97
20) Methylene Chloride	2.85	84	633877	143.042	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	600506	146.077	ug/l	93
22) Diisopropyl ether	3.86	45	2408590	142.008	ug/l	91
23) Vinyl Acetate	3.82	43	10582938	707.618	ug/l	98
24) 1,1-Dichloroethane	3.70	63	1245195	145.861	ug/l	98
25) 2-Butanone	4.68	43	2829067	688.821	ug/l	98
26) 2,2-Dichloropropane	4.59	77	959233	147.603	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	694777	147.163	ug/l	90
28) Bromochloromethane	5.02	49	483931	134.883	ug/l #	82
29) Tetrahydrofuran	5.13	42	1853726	700.499	ug/l	96
30) Chloroform	5.21	83	1143339	142.597	ug/l	99
31) Cyclohexane	5.58	56	1192961	143.019	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	993319	147.482	ug/l	97
36) 1,1-Dichloropropene	5.80	75	923199	149.179	ug/l	97
37) Ethyl Acetate	4.84	43	1089889	141.407	ug/l	98
38) Carbon Tetrachloride	5.79	117	842517	148.961	ug/l	100
39) Methylcyclohexane	7.46	83	1115709	145.787	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	2686290	144.840	ug/l	99
41) Methacrylonitrile	5.05	41	622894	144.296	ug/l	96
42) 1,2-Dichloroethane	6.20	62	966635	144.083	ug/l	95
43) Isopropyl Acetate	6.45	43	1801944	145.948	ug/l	97
44) Trichloroethene	7.21	130	648303	146.864	ug/l	90
45) 1,2-Dichloropropane	7.51	63	753520	147.736	ug/l	99
46) Dibromomethane	7.66	93	446975	145.200	ug/l #	87
47) Bromodichloromethane	7.90	83	903471	148.249	ug/l	99
48) Methyl methacrylate	7.77	41	935207	144.009	ug/l	93
49) 1,4-Dioxane	7.74	88	317255	2977.112	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	5519765	701.234	ug/l	99
52) Toluene	8.79	92	1590685	145.735	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1060875	150.821	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1152352	149.955	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	631408	140.389	ug/l	98
56) Ethyl methacrylate	9.18	69	1087751	144.348	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	1122958	141.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2556649	729.140	ug/l	94
59) 2-Hexanone	9.49	43	4276070	712.606	ug/l	97
60) Dibromochloromethane	9.59	129	659001	147.722	ug/l	99
61) 1,2-Dibromoethane	9.67	107	659714	141.160	ug/l	100
64) Tetrachloroethene	9.34	164	591934	143.408	ug/l	96
65) Chlorobenzene	10.14	112	1649200	145.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	597230	147.038	ug/l	99
67) Ethyl Benzene	10.25	91	3020827	146.433	ug/l	98
68) m/p-Xylenes	10.36	106	2268537	299.769	ug/l	95
69) o-Xylene	10.70	106	1096821	148.740	ug/l	95
70) Stvrene	10.71	104	1813813	150.290	ug/l	95
71) Bromoform	10.86	173	499333	157.664	ug/l #	100
73) Isopropylbenzene	11.02	105	2853395	135.728	ug/l	99
74) N-amyl acetate	10.90	43	1605819	143.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	1012497	140.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	985885m	155.239	ug/l	
77) Bromobenzene	11.26	156	689618	139.810	ug/l	84
78) n-propylbenzene	11.36	91	3406323	136.646	ug/l	96
79) 2-Chlorotoluene	11.42	91	1981785	136.838	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	2472161	141.168	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	363139	150.669	ug/l	98
82) 4-Chlorotoluene	11.51	91	2409351	142.316	ug/l	95
83) tert-Butylbenzene	11.77	119	2393613	145.515	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	2486896	139.516	ug/l	98
85) sec-Butylbenzene	11.94	105	2903419	139.633	ug/l	97
86) p-Isopropyltoluene	12.07	119	2555136	141.750	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	1266305	143.545	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	1278727	144.786	ug/l	98
89) n-Butylbenzene	12.39	91	2524892	147.312	ug/l	98
90) Hexachloroethane	12.60	117	459254	148.200	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	1282311	145.863	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	239125	145.881	ug/l	79
93) 1,2,4-Trichlorobenzene	13.65	180	886211	149.914	ug/l	98

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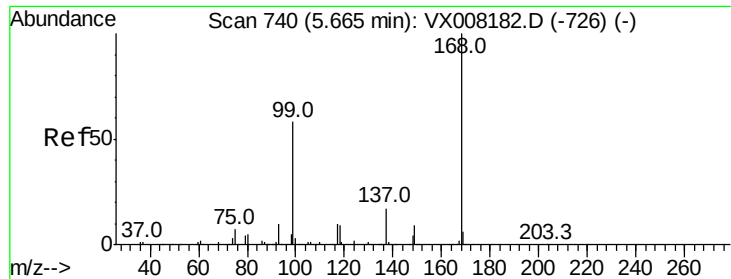
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	418479	144.925	ug/l	100
95) Naphthalene	13.83	128	2842992	145.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	871826	148.808	ug/l	99

(#) = 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: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 298054

Ion Ratio Lower Upper

168 100

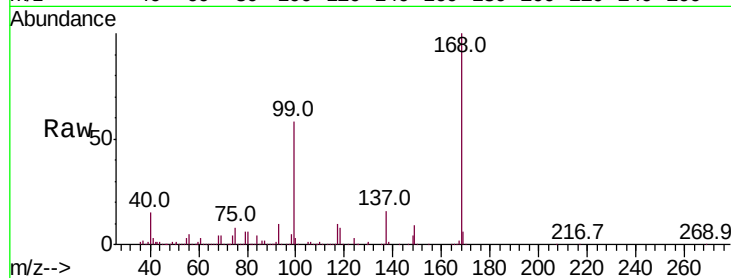
99 57.5 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

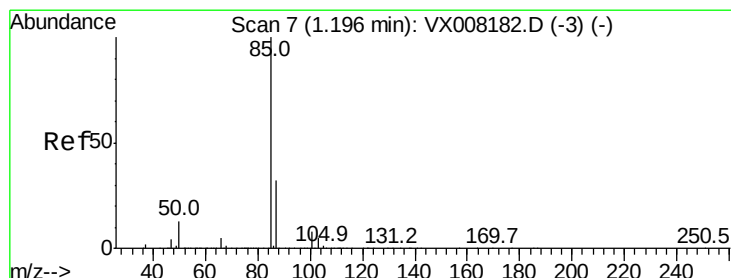
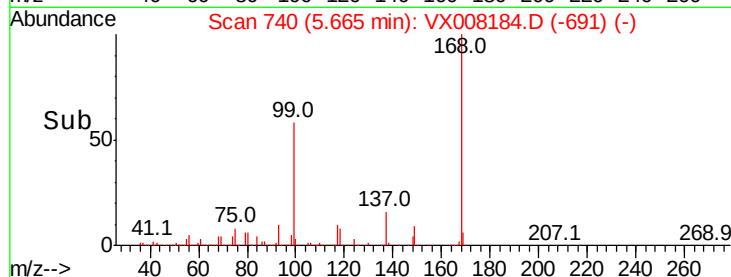
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50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 145.862 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008184.D

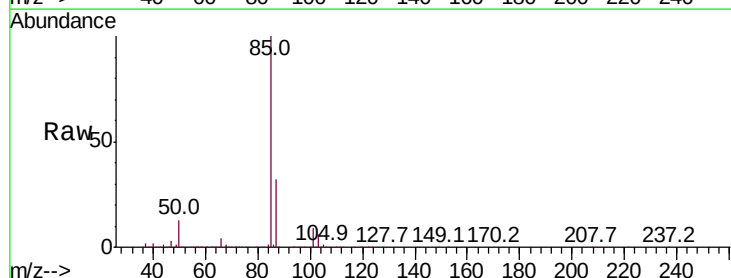
Acq: 19 Mar 2019 11:58

Tgt Ion: 85 Resp: 569127

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

600000

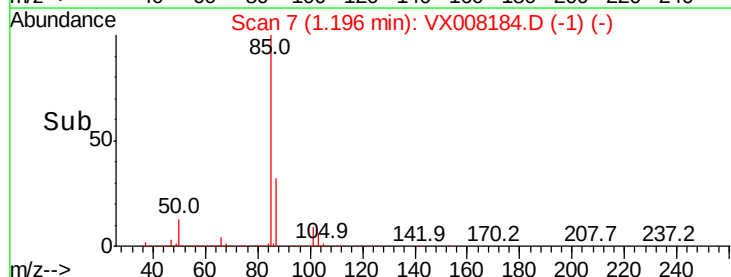
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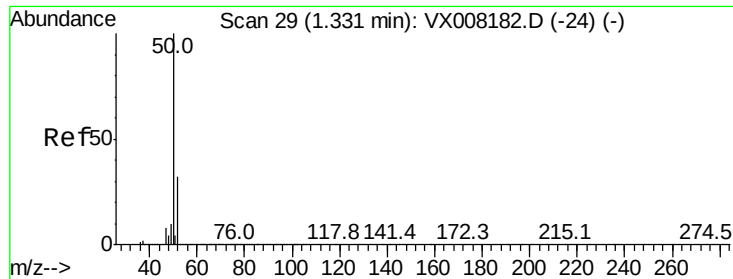
200000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 149.276 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 659650

Ion Ratio Lower Upper

50 100

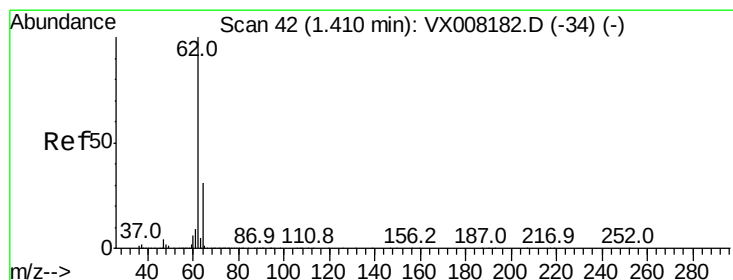
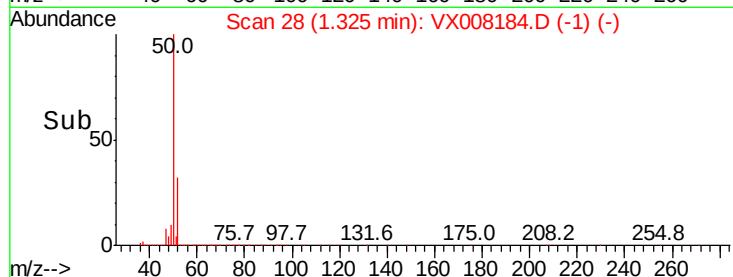
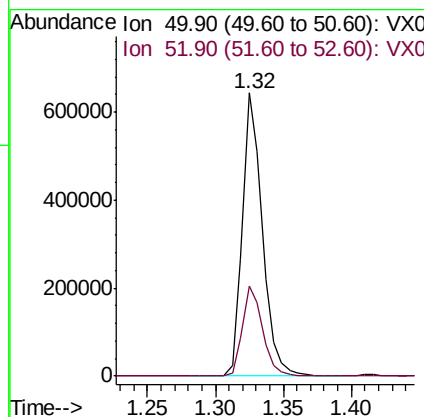
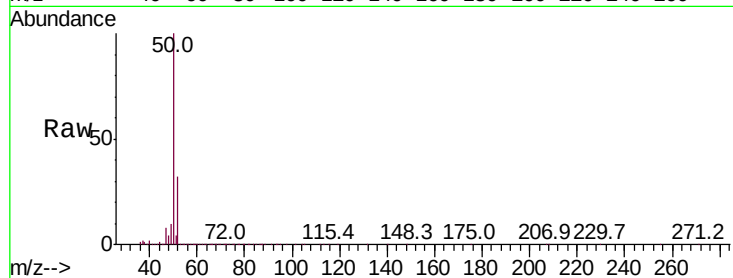
52 32.0 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 141.275 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008184.D

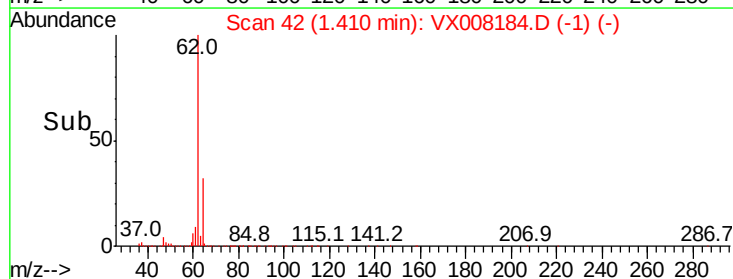
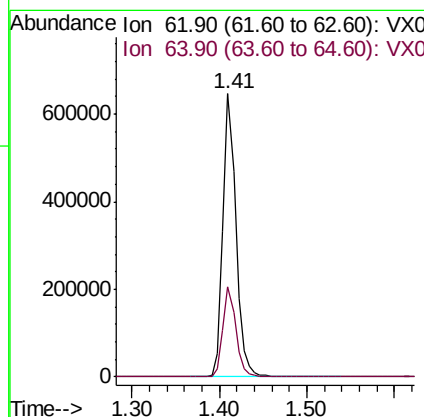
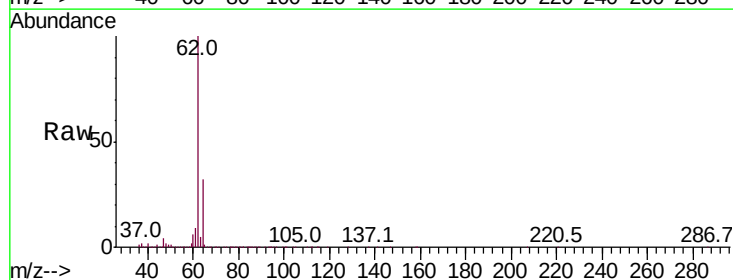
Acq: 19 Mar 2019 11:58

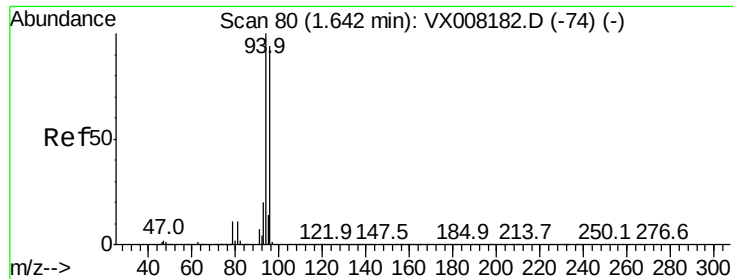
Tgt Ion: 62 Resp: 653722

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 150.062 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 596741

Ion Ratio Lower Upper

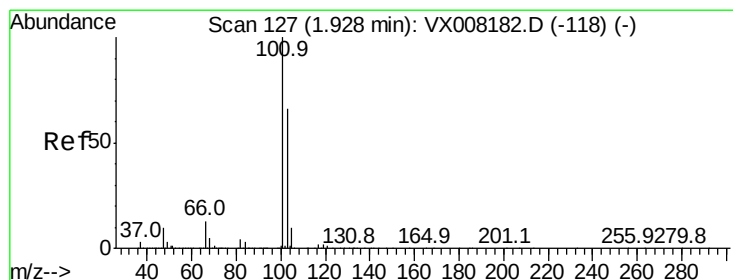
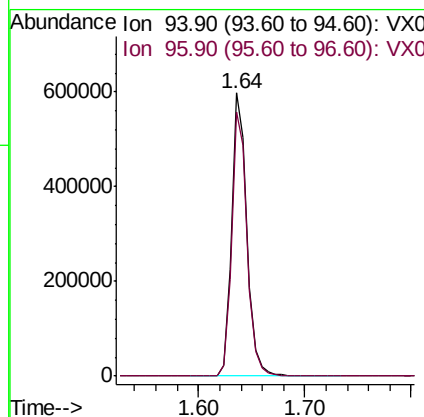
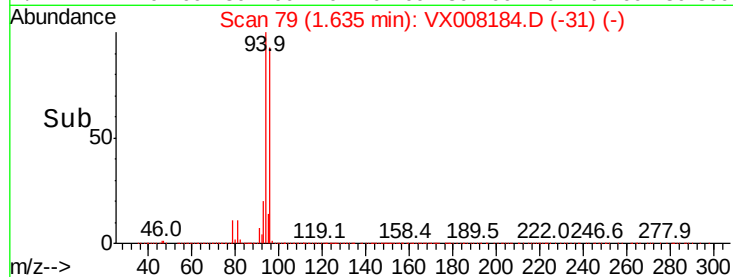
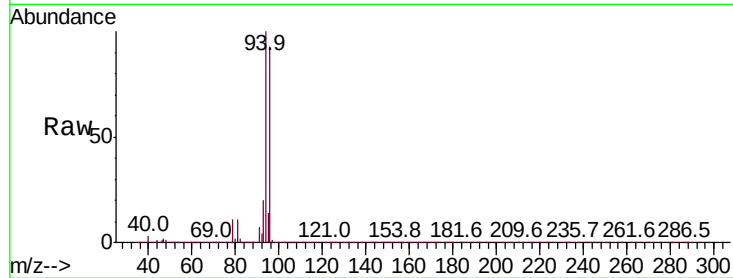
94 100

96 93.4 75.5 113.3

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#7

Trichlorofluoromethane

Concen: 140.866 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.01 min

Lab File: VX008184.D

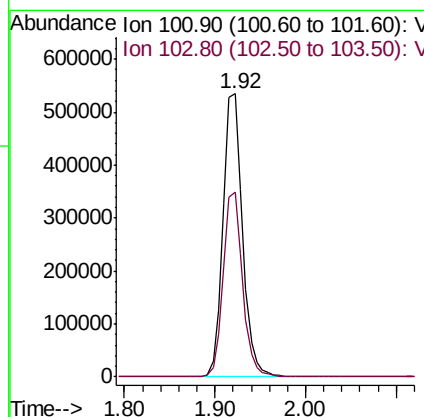
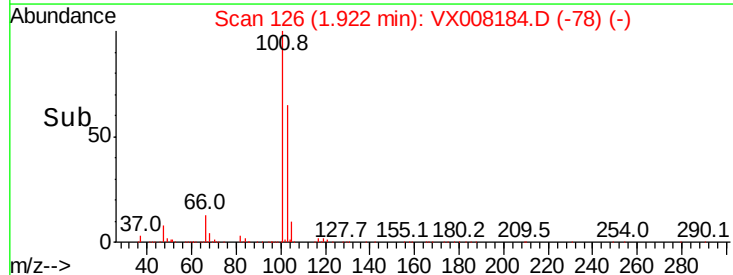
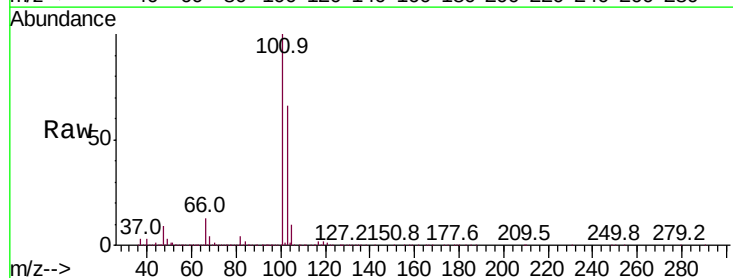
Acq: 19 Mar 2019 11:58

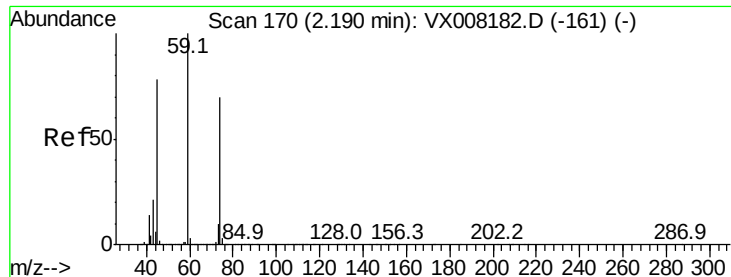
Tgt Ion: 101 Resp: 804342

Ion Ratio Lower Upper

101 100

103 65.5 50.4 75.6





#8

Diethyl Ether

Concen: 143.992 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 467095

Ion Ratio Lower Upper

74 100

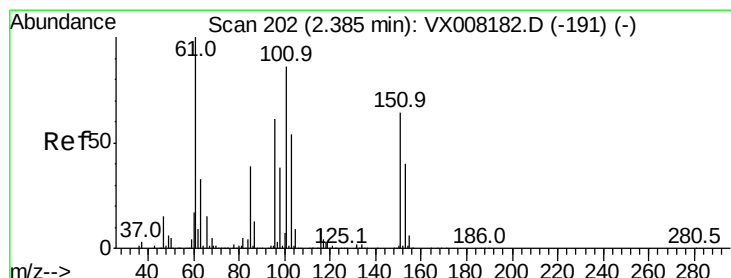
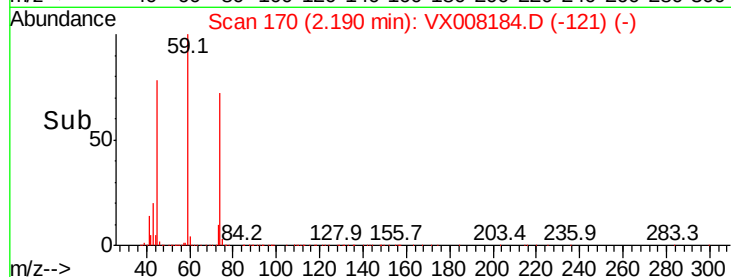
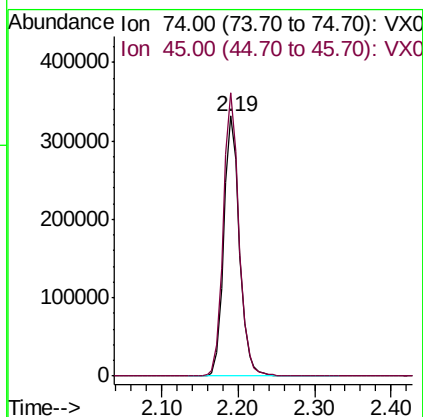
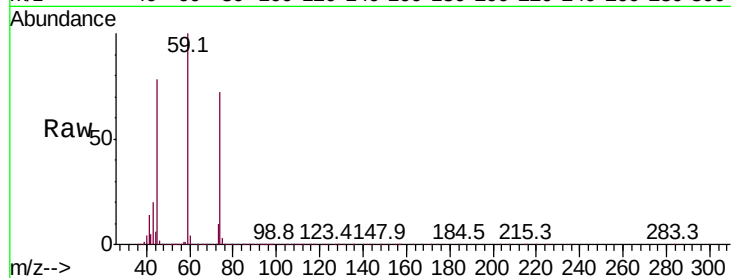
45 109.2 52.1 156.4

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.585 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

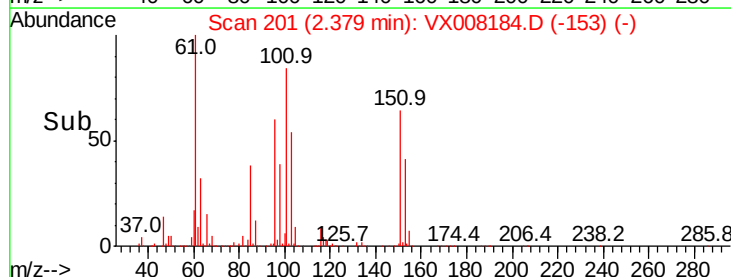
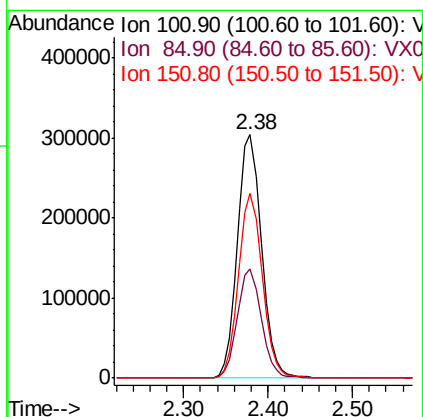
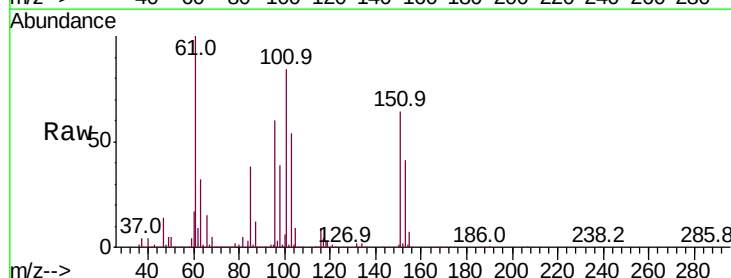
Tgt Ion: 101 Resp: 587447

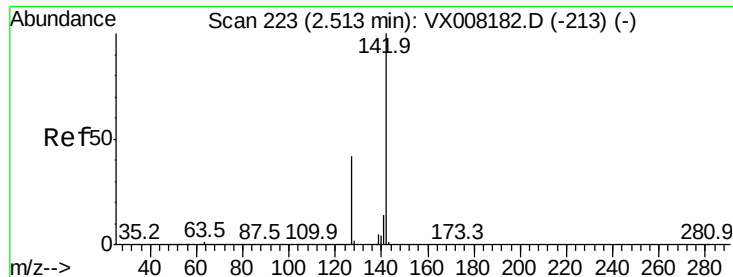
Ion Ratio Lower Upper

101 100

85 44.5 33.8 50.6

151 75.0 69.1 103.7





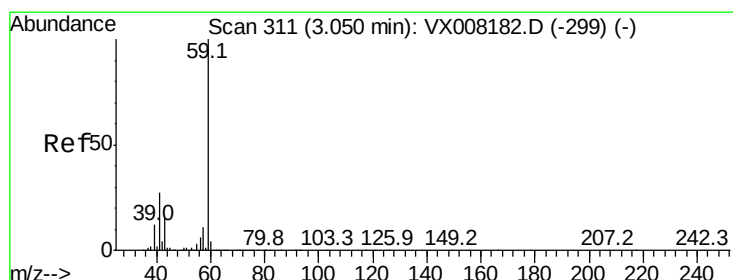
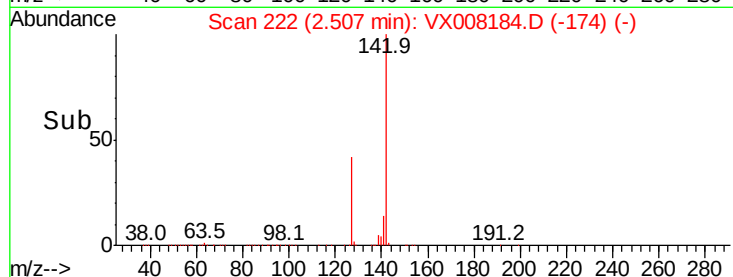
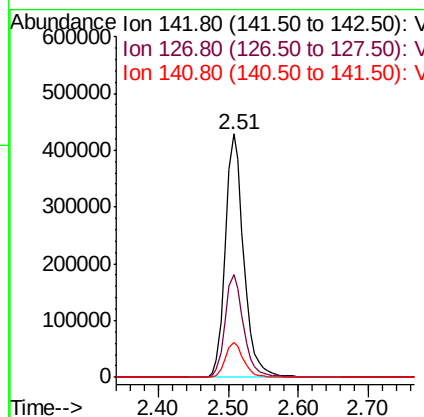
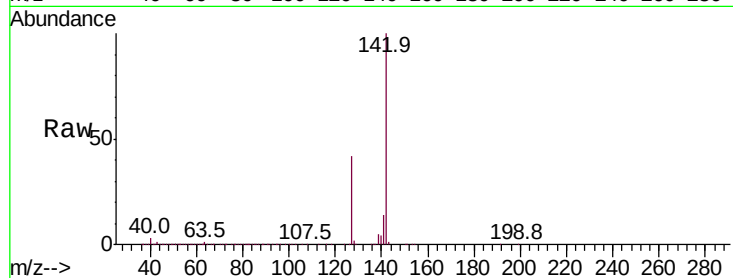
#10
Methvl Iodide
Concen: 145.020 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX008184.D
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VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
142	100		
127	42.4	32.1	48.1
141	14.4	11.4	17.2

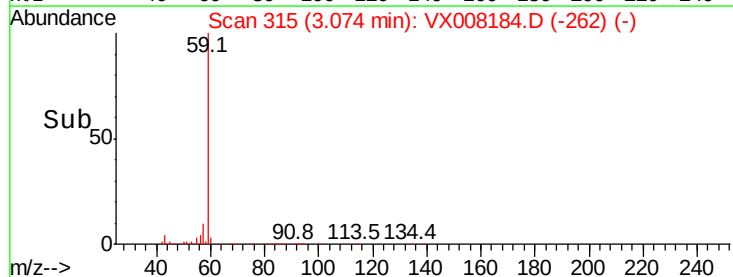
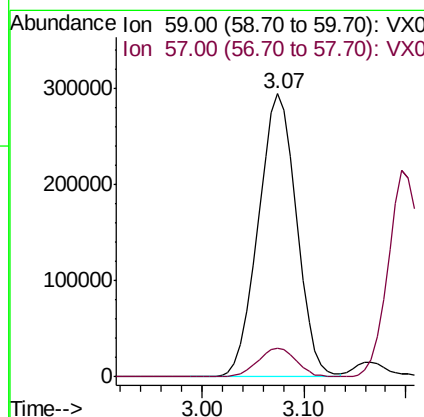
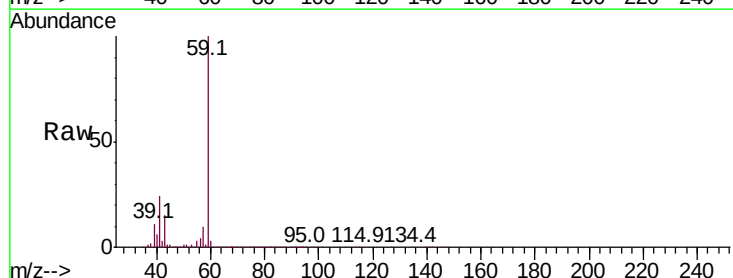
Manual Integrations
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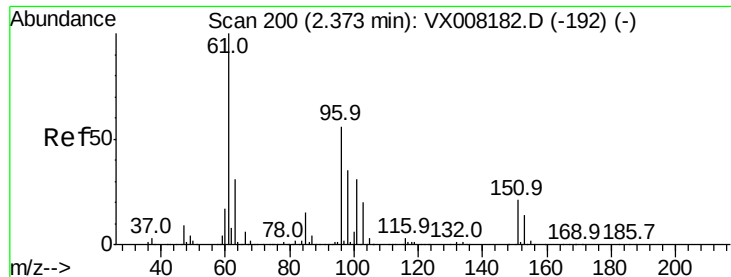
MMDadoda
3/20/2019 10:28:16 AM



#11
Tert butyl alcohol
Concen: 743.487 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
59	100		
57	10.3	8.2	12.2





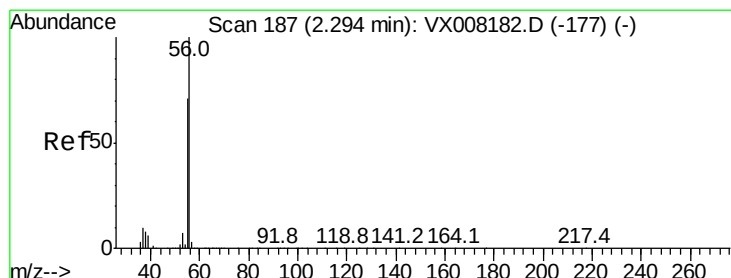
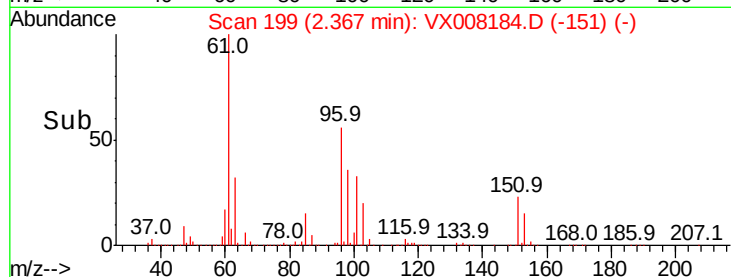
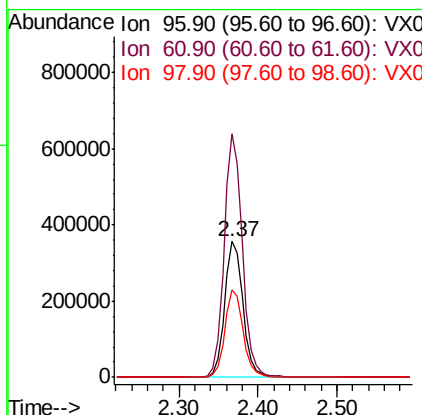
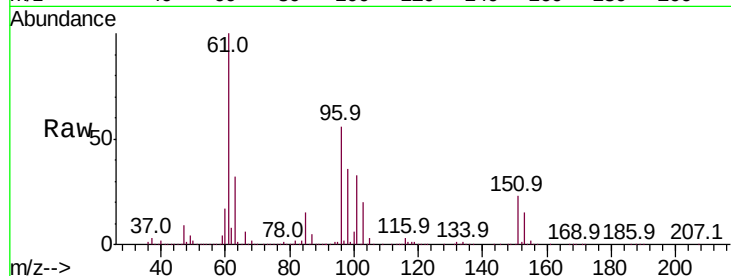
#12
 1,1-Dichloroethene
 Concen: 148.138 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.1	129.8	194.6
98	64.4	51.0	76.6

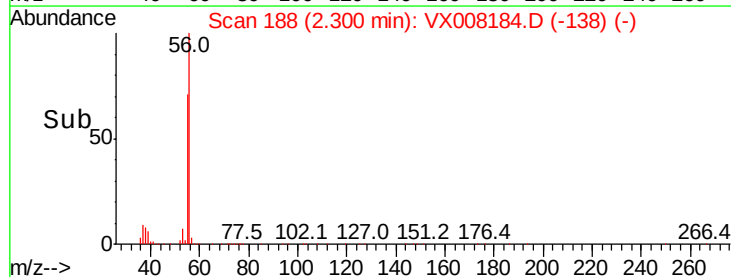
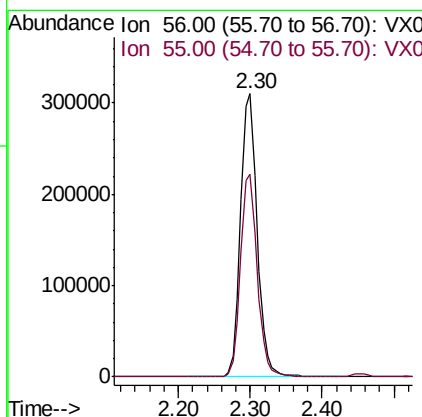
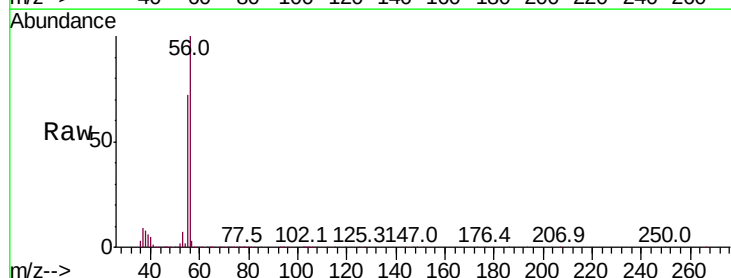
Manual Integrations
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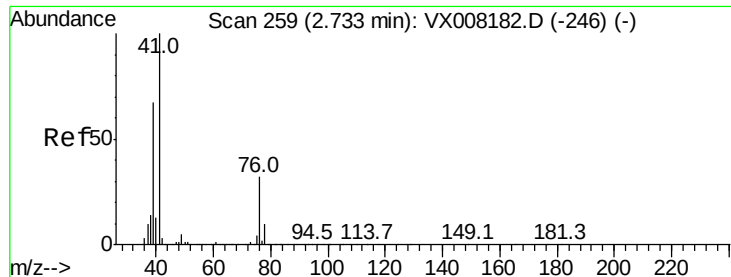
MMDadoda
 3/20/2019 10:28:16 AM



#13
 Acrolein
 Concen: 712.703 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.8	86.6





#14

Allvl chloride

Concen: 149.071 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 1287869

Ion Ratio Lower Upper

41 100

39 63.4 46.1 69.1

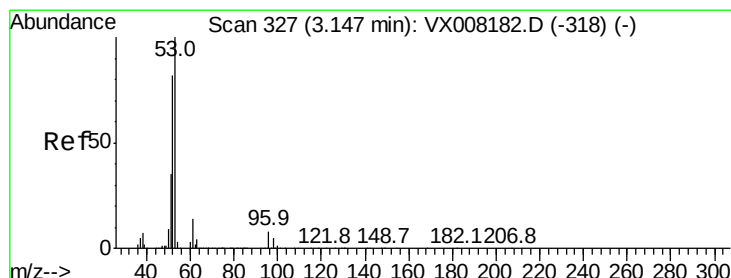
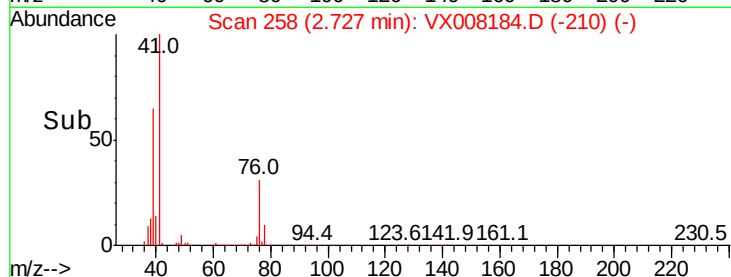
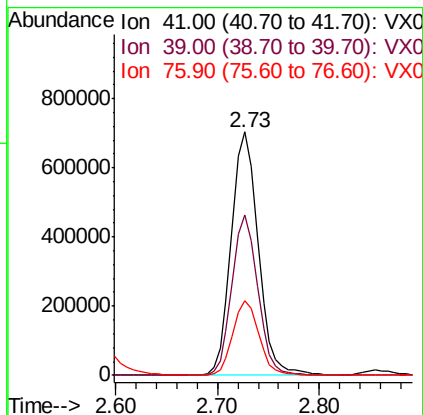
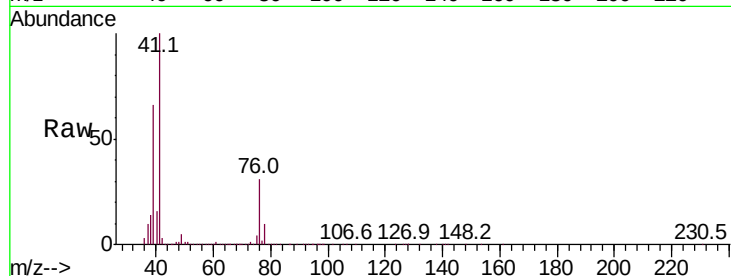
76 29.6 24.0 36.0

Manual Integrations

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#15

Acrylonitrile

Concen: 705.636 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

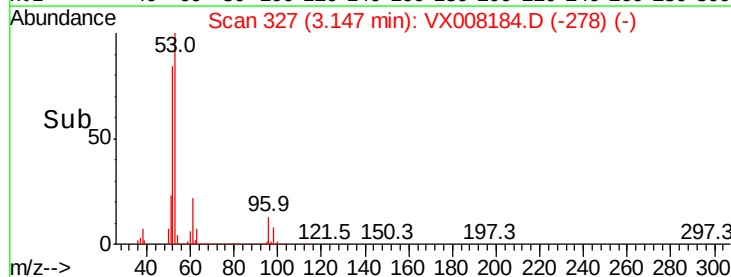
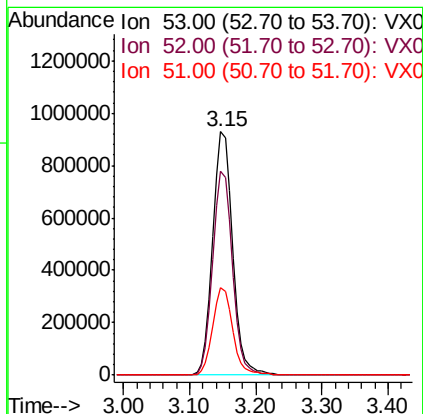
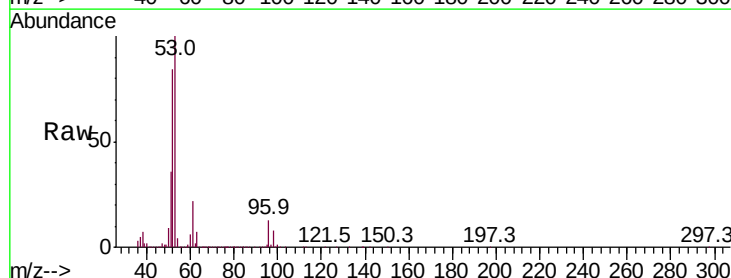
Tgt Ion: 53 Resp: 1934878

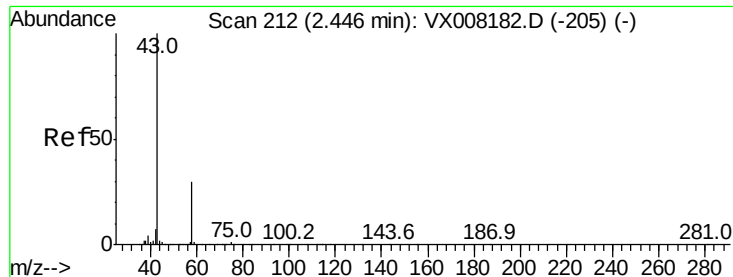
Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 36.0 28.0 42.0





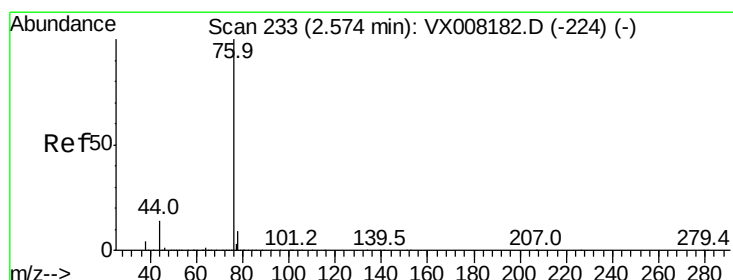
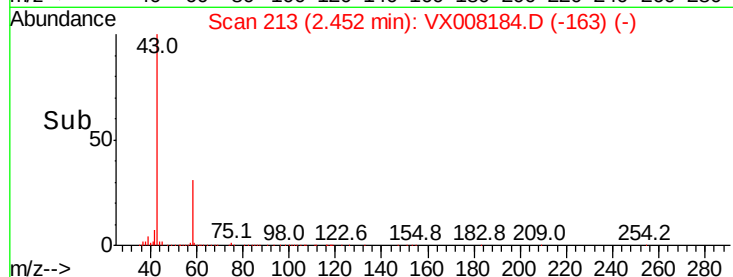
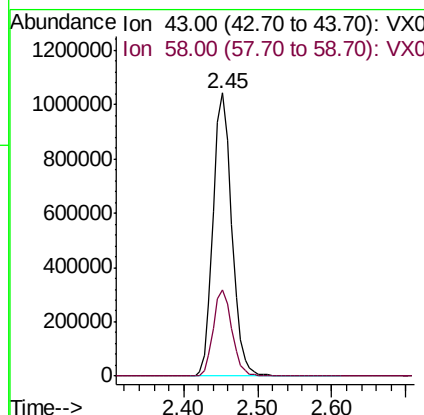
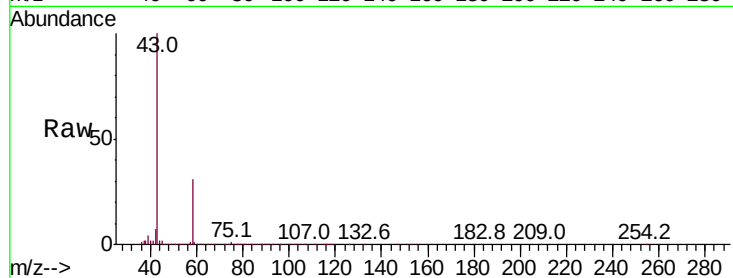
#16
Acetone
Concen: 673.112 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1800754
Ion Ratio Lower Upper
43 100
58 30.6 25.5 38.3

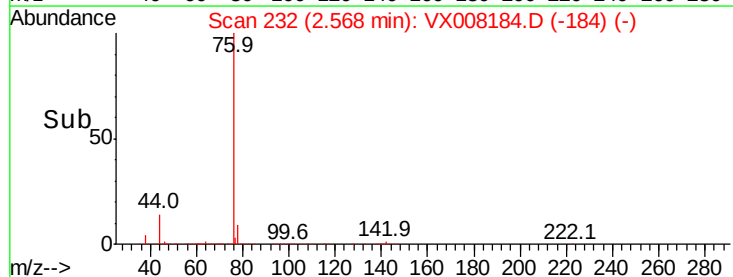
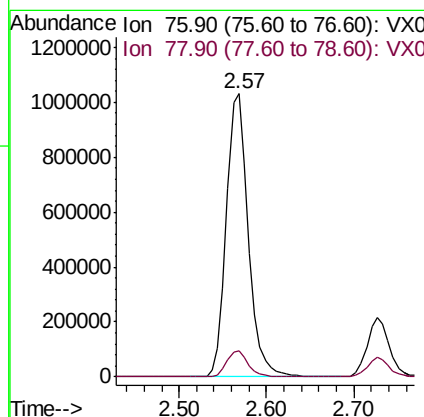
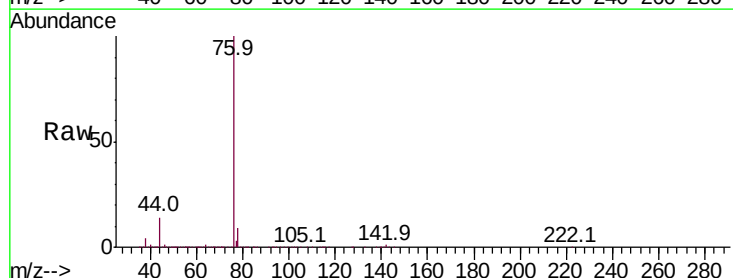
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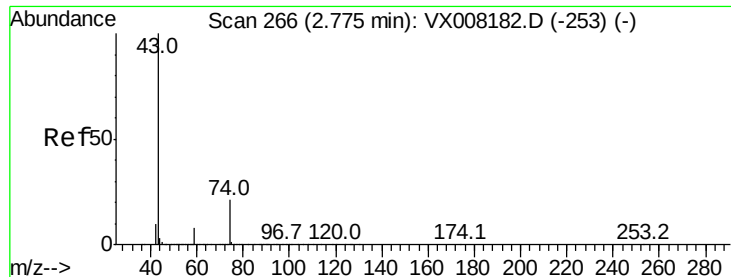
MMDadoda
3/20/2019 10:28:16 AM



#17
Carbon Disulfide
Concen: 148.012 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 76 Resp: 1791100
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





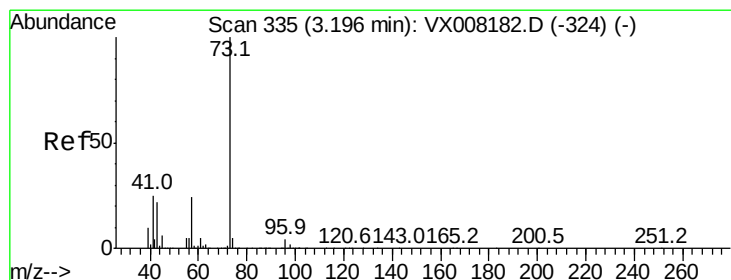
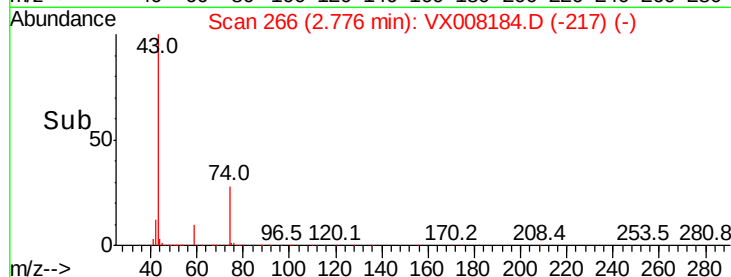
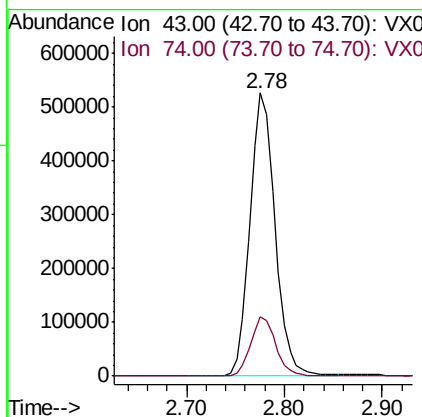
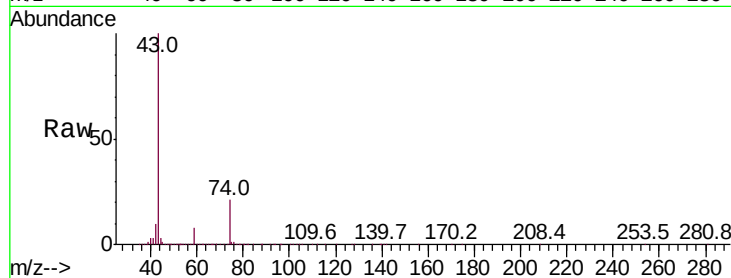
#18
Methvl Acetate
Concen: 143.513 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 937959
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.6

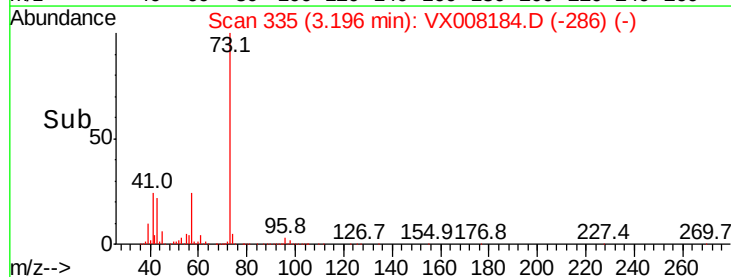
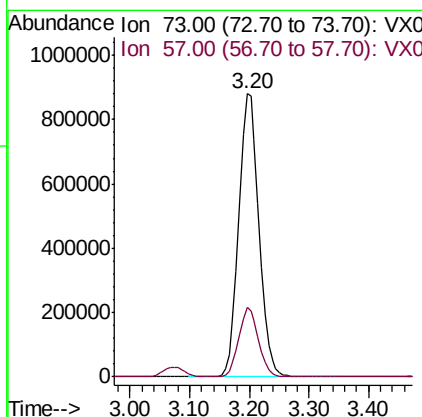
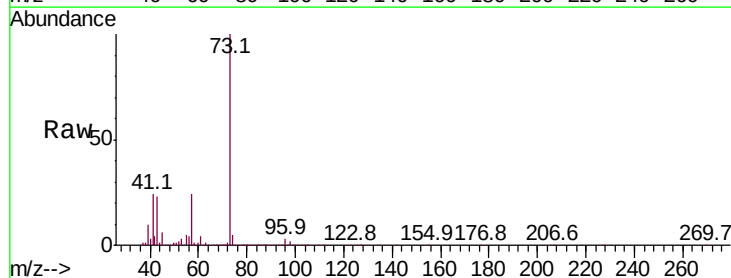
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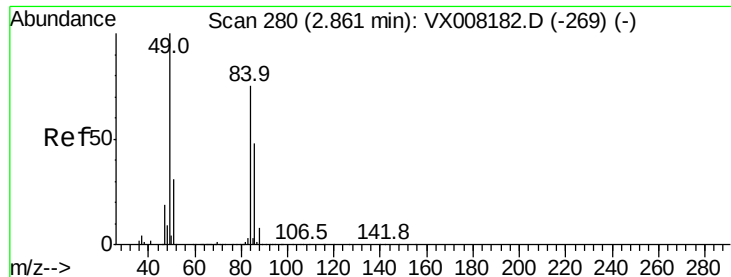
MMDadoda
3/20/2019 10:28:16 AM



#19
Methyl tert-butyl Ether
Concen: 145.925 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 73 Resp: 2076007
Ion Ratio Lower Upper
73 100
57 24.4 18.2 27.4





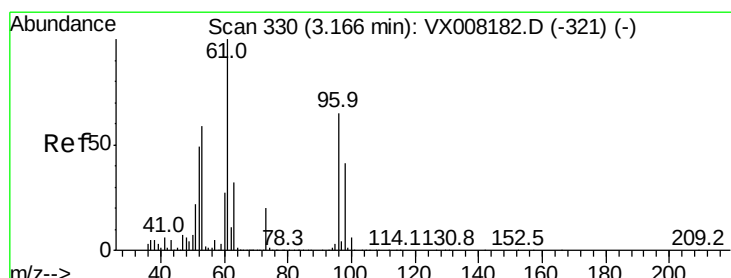
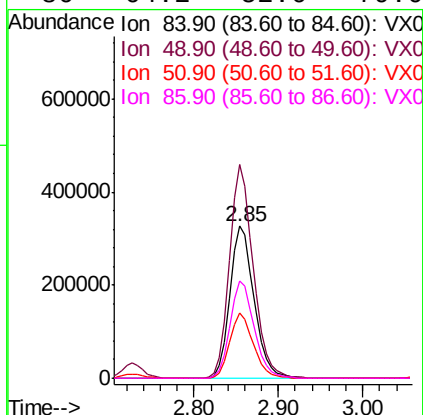
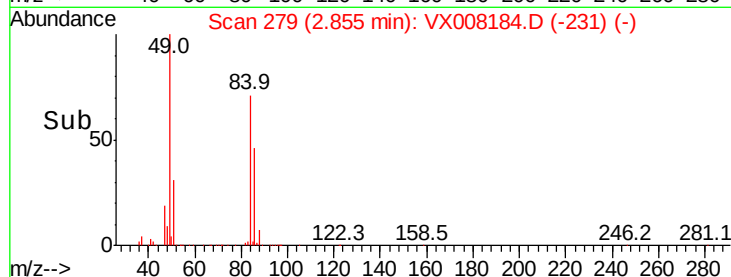
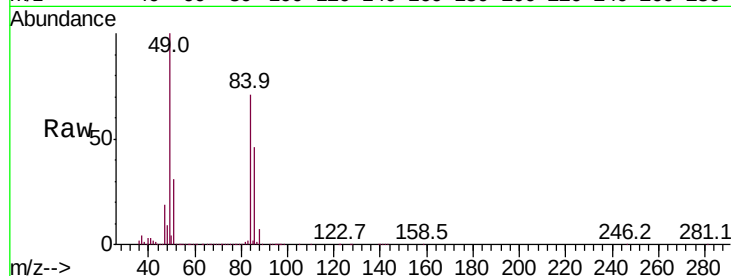
#20
Methylene Chloride
Concen: 143.042 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	84	Resp	633877
Ion Ratio	Lower	Upper	
84	100		
49	140.4	99.3	148.9
51	43.2	31.3	46.9
86	64.2	52.6	79.0

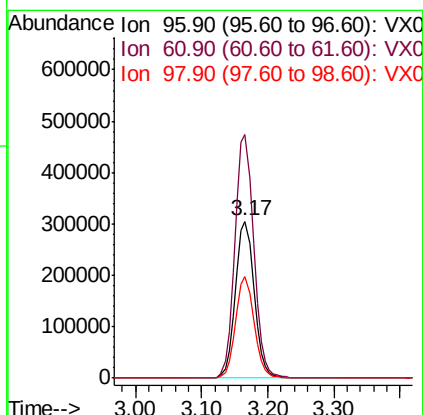
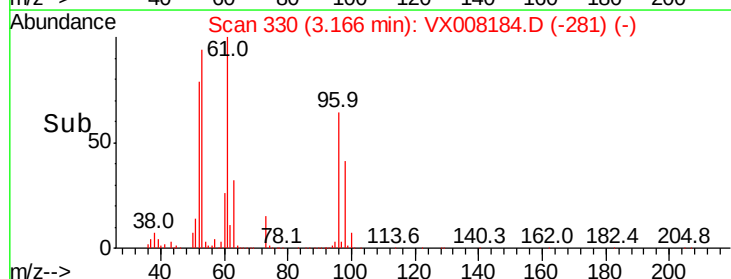
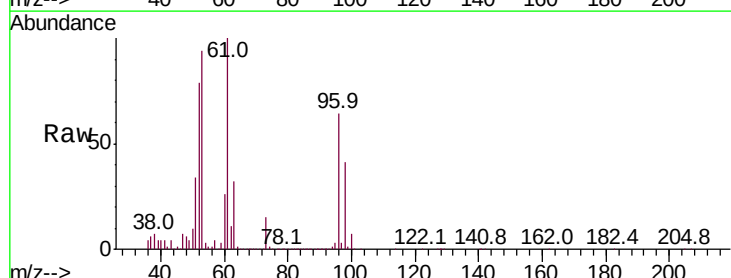
Manual Integrations
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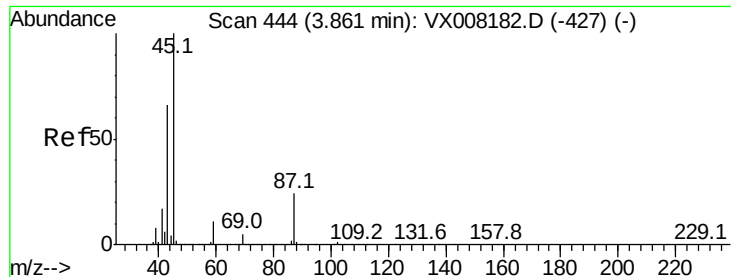
MMDadoda
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#21
trans-1,2-Dichloroethene
Concen: 146.077 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	96	Resp	600506
Ion Ratio	Lower	Upper	
96	100		
61	155.1	114.4	171.6
98	64.3	51.1	76.7





#22

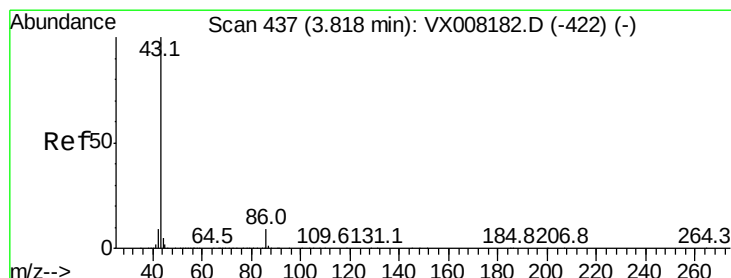
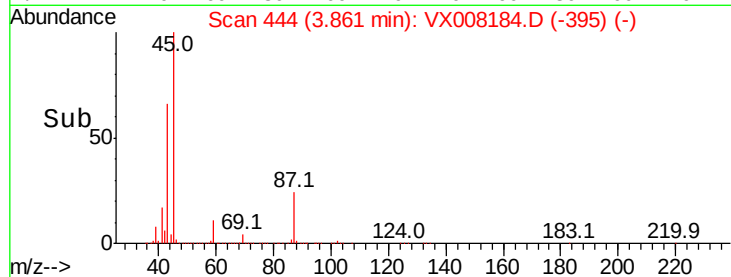
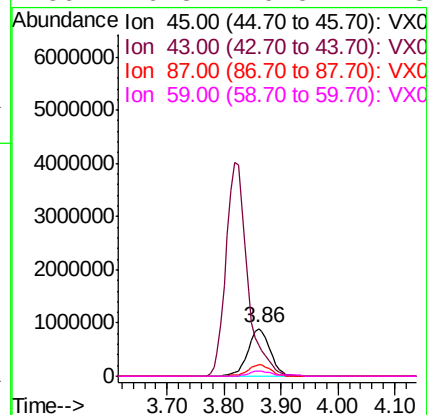
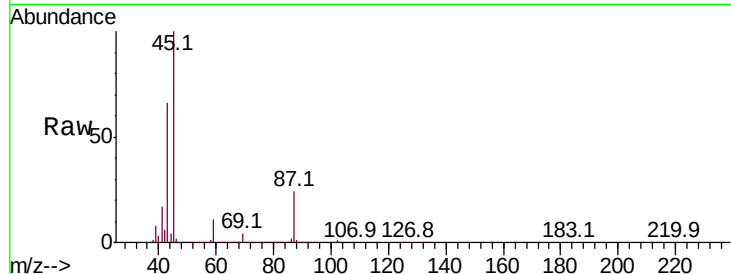
Diisopropyl ether
Concen: 142.008 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	45	Ratio	Lower	Upper
45	100			
43	65.9	45.3	67.9	
87	24.1	21.4	32.0	
59	10.8	9.5	14.3	

Manual Integrations
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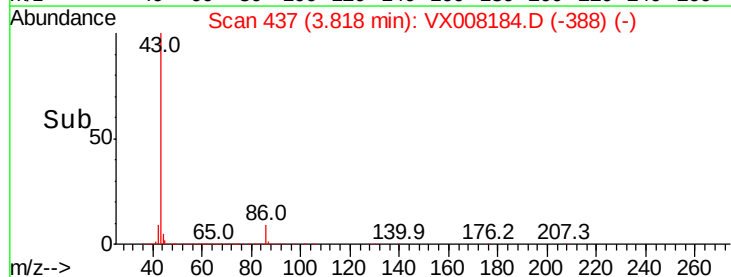
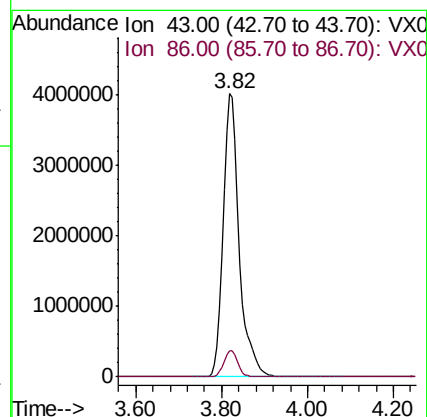
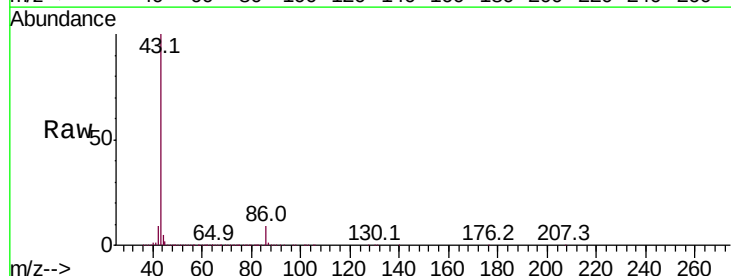
MMDadoda
3/20/2019 10:28:16 AM

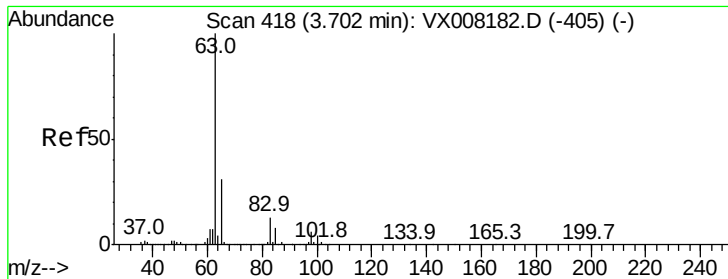


#23

Vinyl Acetate
Concen: 707.618 ug/l
RT: 3.82 min Scan# 437
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	43	Ratio	Lower	Upper
43	100			
86	9.3	7.9	11.9	





#24

1,1-Dichloroethane

Concen: 145.861 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

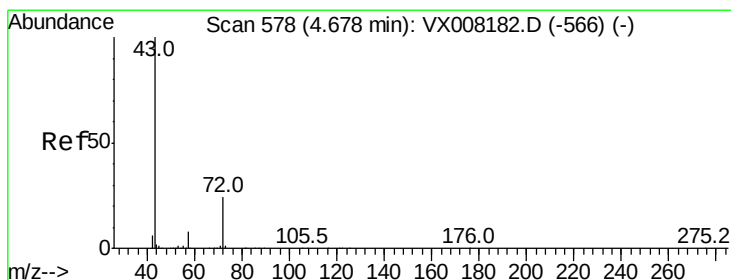
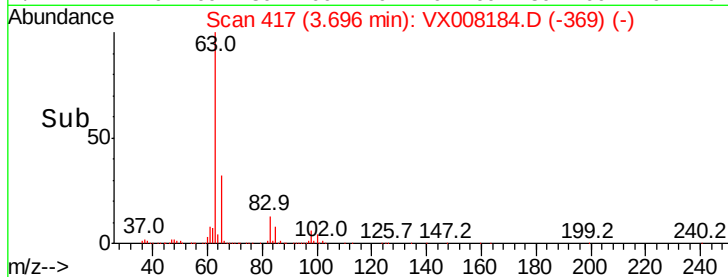
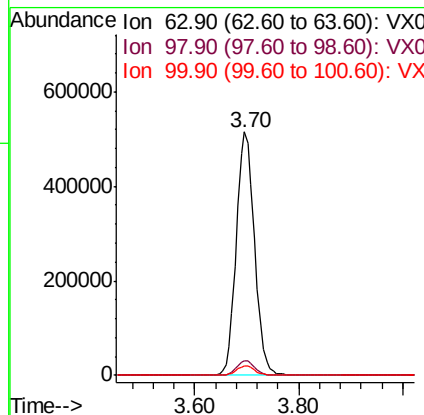
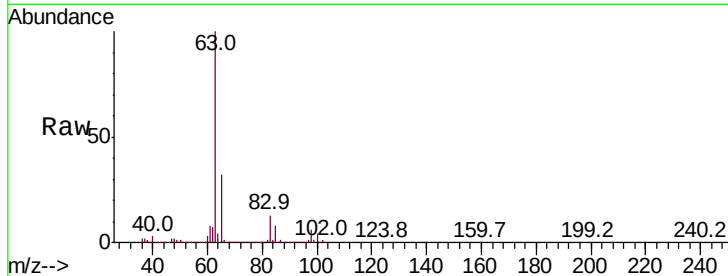
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	1245195
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.3	9.8
100	3.8	2.3	6.8

Manual Integrations
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3/20/2019 10:28:16 AM



#25

2-Butanone

Concen: 688.821 ug/l

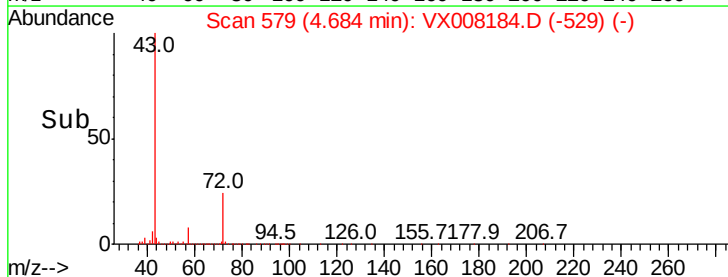
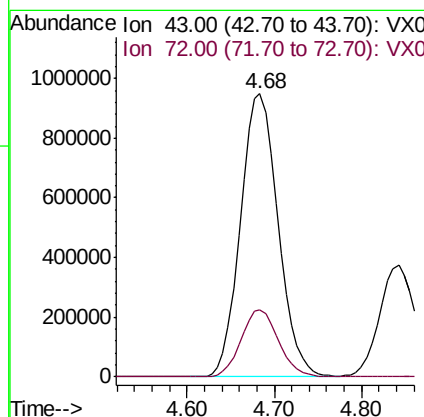
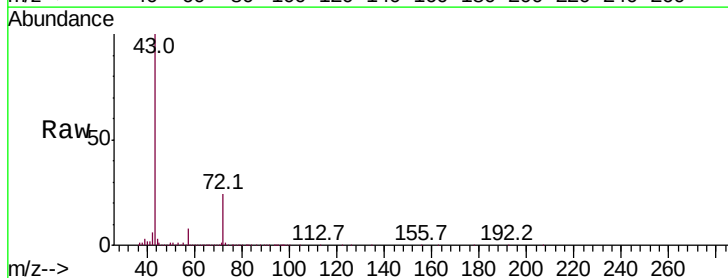
RT: 4.68 min Scan# 579

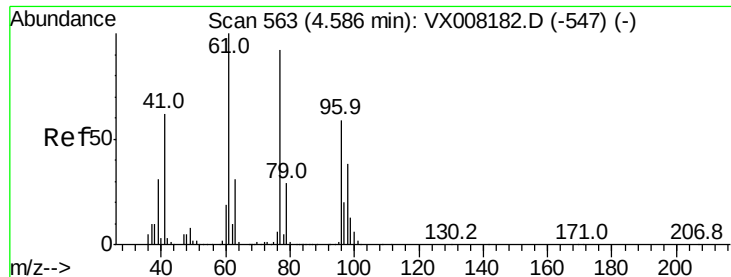
Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion:	43	Resp:	2829067
Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.9	29.9





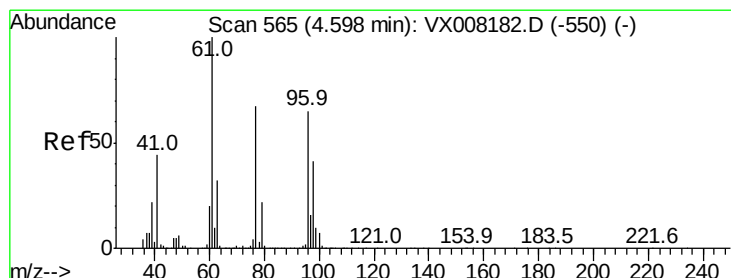
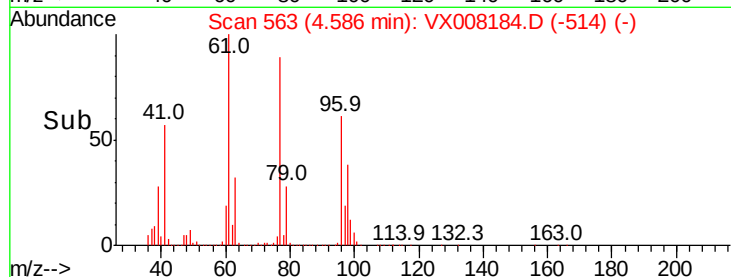
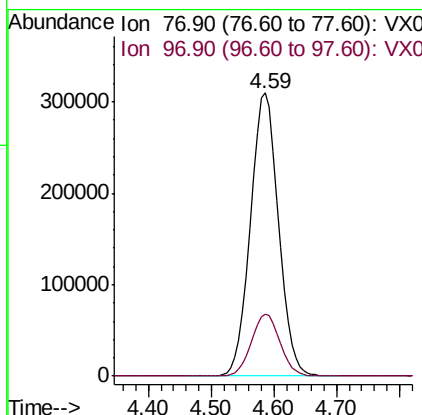
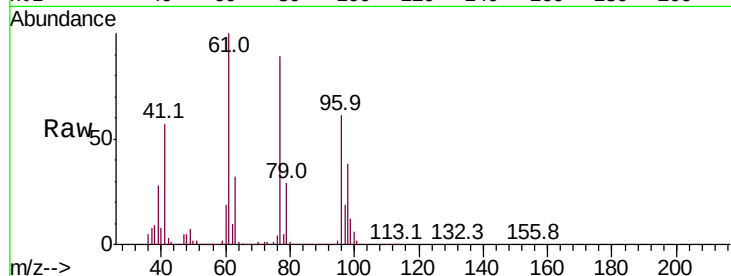
#26
 2,2-Dichloropropane
 Concen: 147.603 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 77 Resp: 959233
 Ion Ratio Lower Upper
 77 100
 97 22.3 12.2 36.6

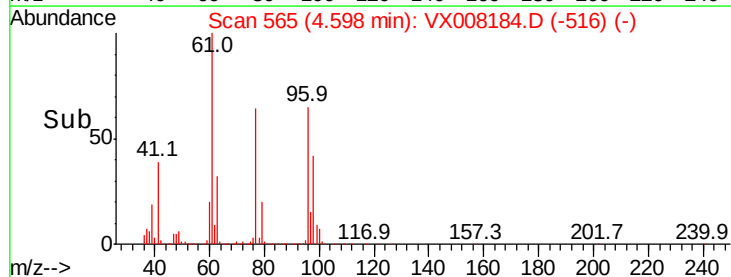
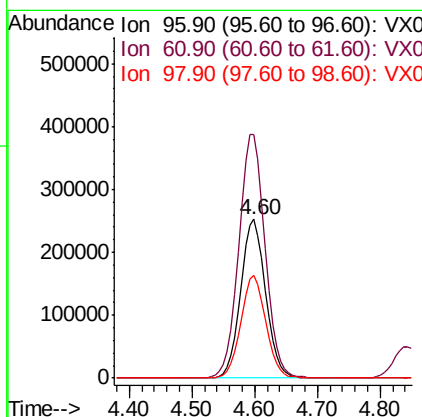
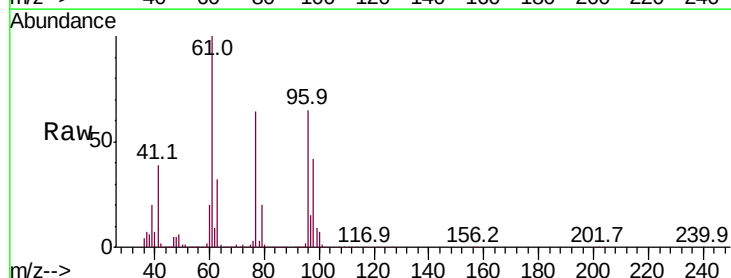
Manual Integrations
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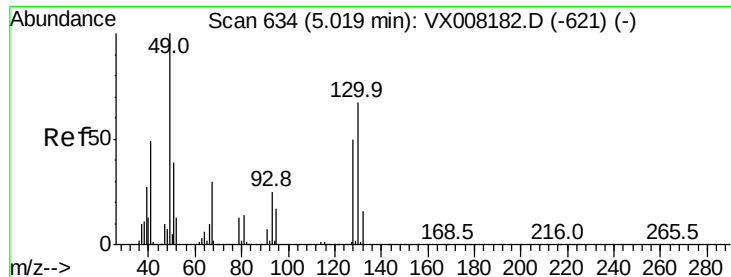
MMDadoda
 3/20/2019 10:28:16 AM



#27
 cis-1,2-Dichloroethene
 Concen: 147.163 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 96 Resp: 694777
 Ion Ratio Lower Upper
 96 100
 61 161.9 0.0 288.0
 98 64.6 0.0 129.0





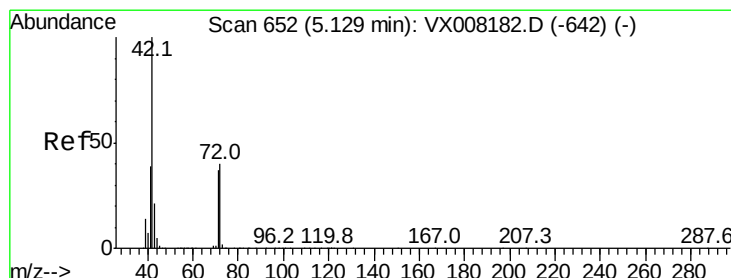
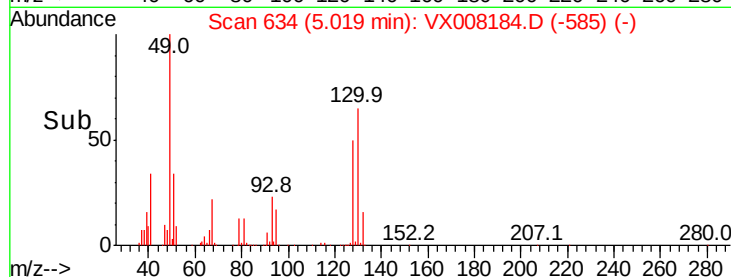
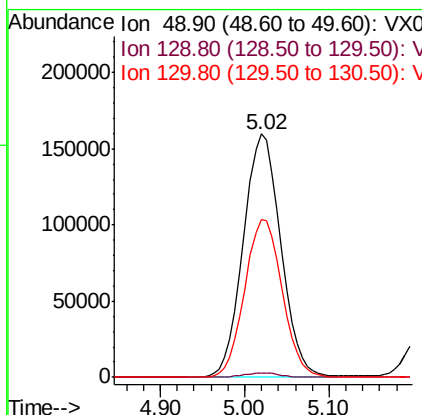
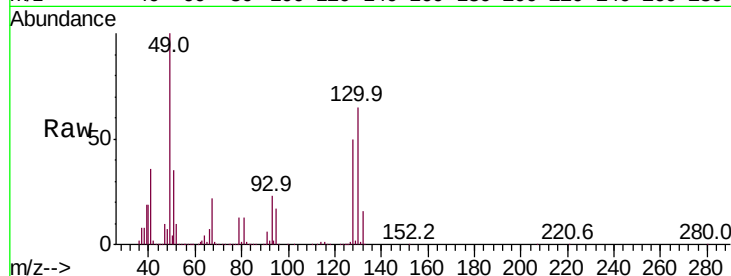
#28
Bromochloromethane
Concen: 134.883 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	64.8	65.0	97.4#

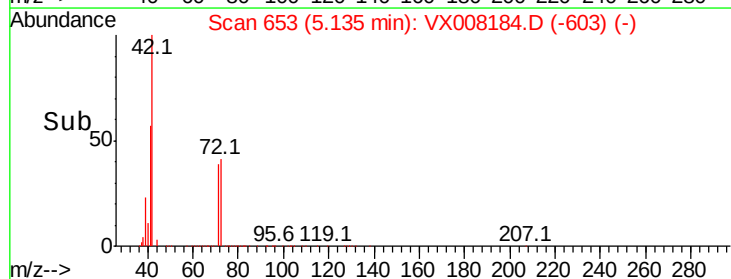
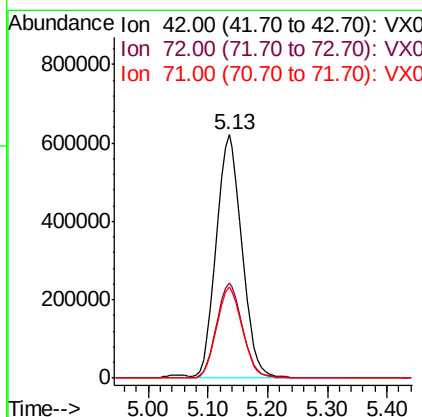
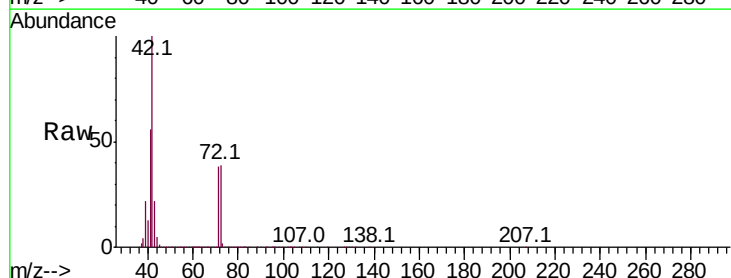
Manual Integrations
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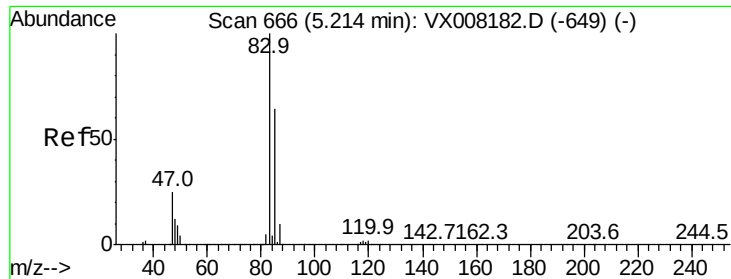
MMDadoda
3/20/2019 10:28:16 AM



#29
Tetrahydrofuran
Concen: 700.499 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.7	33.8	50.6
71	37.5	31.5	47.3





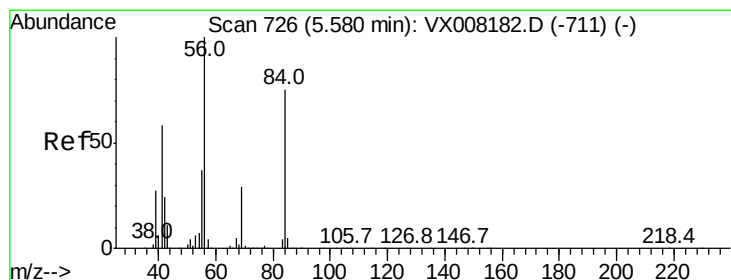
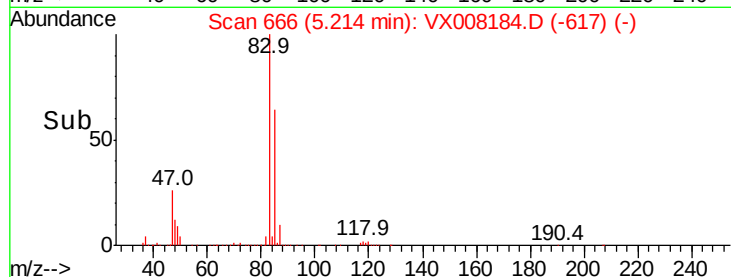
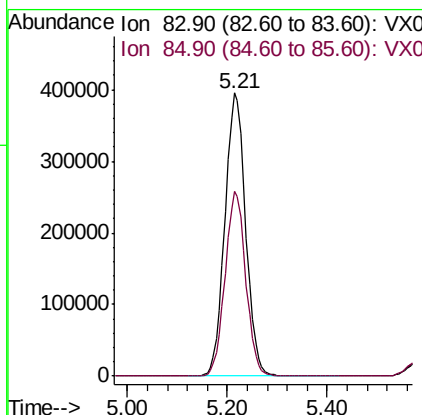
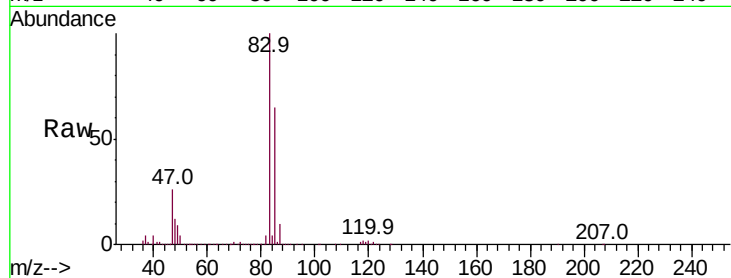
#30
Chloroform
Concen: 142.597 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1143339
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6

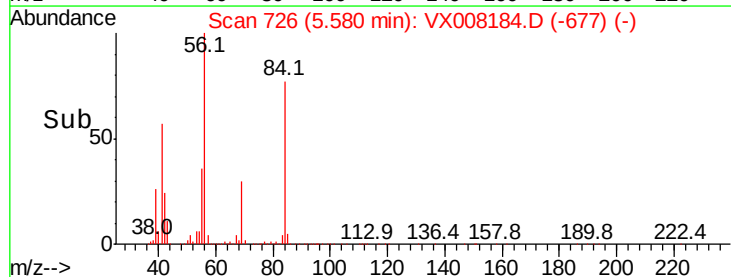
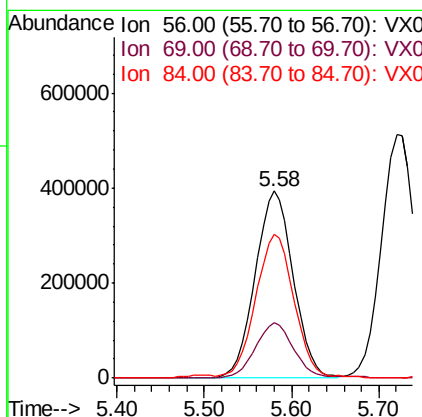
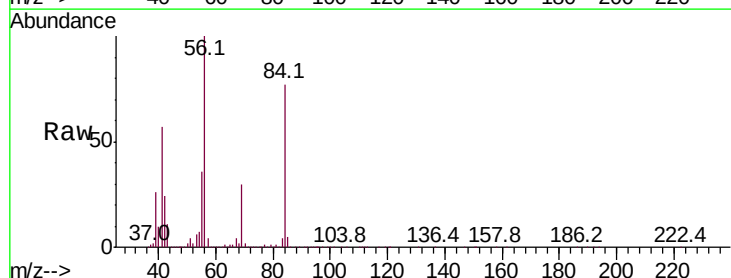
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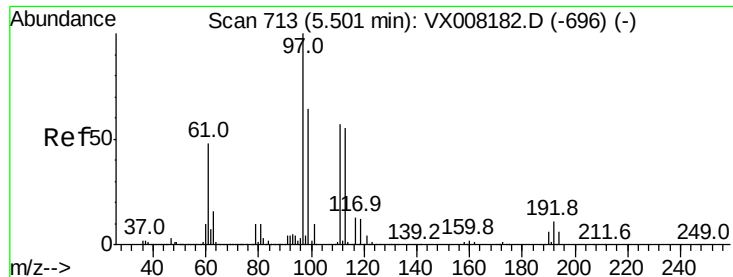
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#31
Cyclohexane
Concen: 143.019 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 56 Resp: 1192961
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 76.1 65.3 97.9





#32

1,1,1-Trichloroethane

Concen: 147.482 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

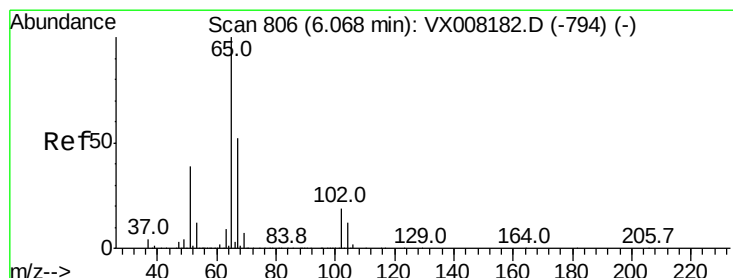
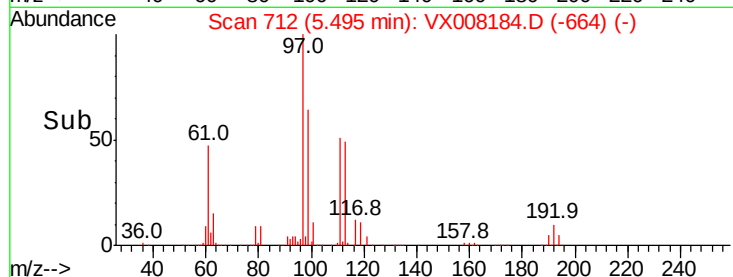
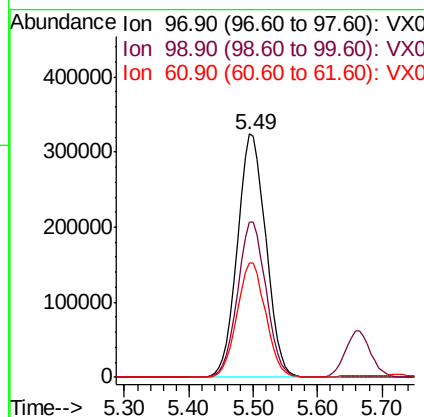
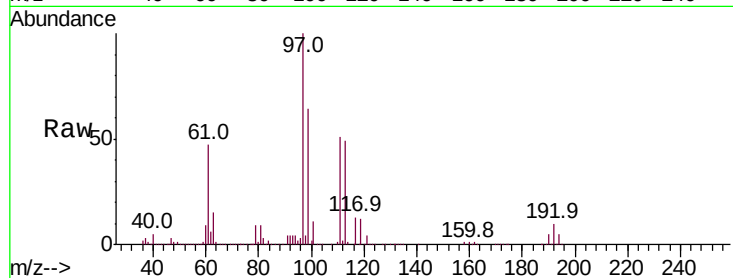
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	993319
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.2	78.2
61	47.5	34.9	52.3

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 141.283 ug/l

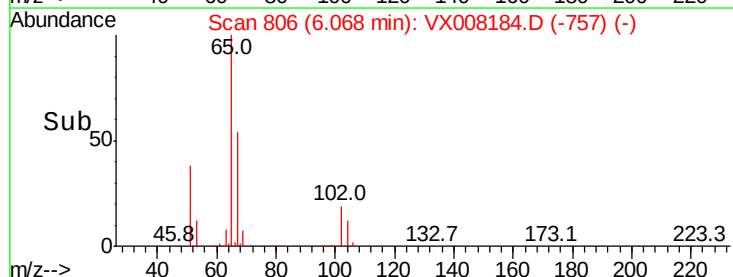
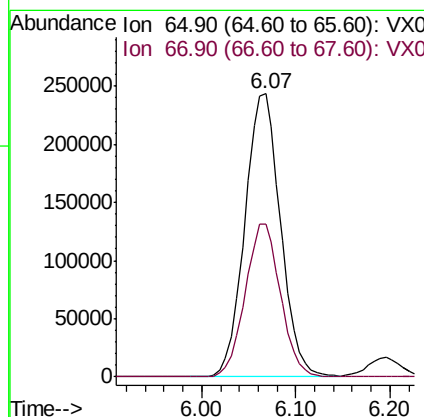
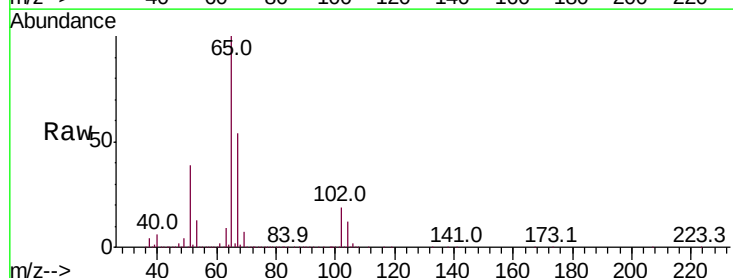
RT: 6.07 min Scan# 806

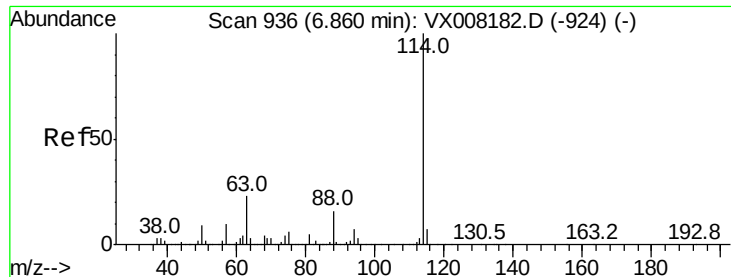
Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion:	65	Resp:	644834
Ion Ratio	Lower	Upper	
65	100		
67	53.5	0.0	110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

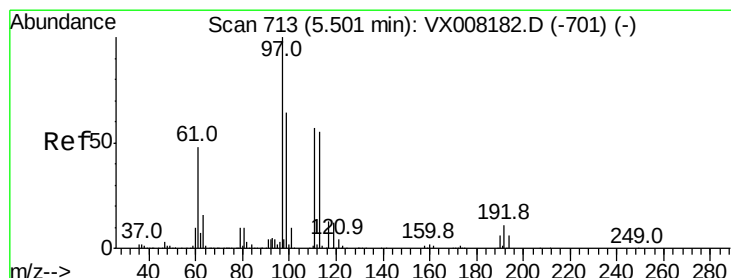
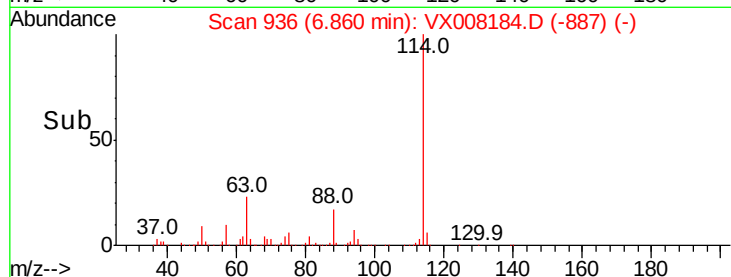
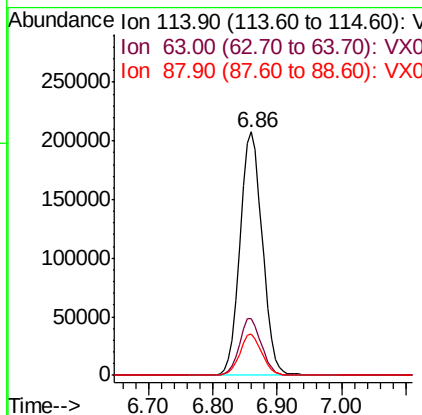
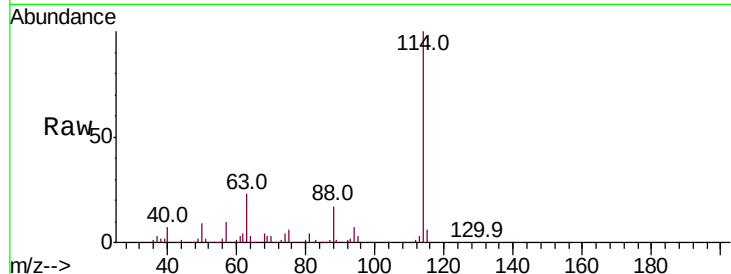
ClientSampled :

VSTDIC150

Tot Ion:	114	Resp:	494957
Ion Ratio	Lower	Upper	
114	100		
63	23.4	0.0	39.8
88	17.1	0.0	31.4

Manual Integrations
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#35

Dibromofluoromethane

Concen: 142.594 ug/l

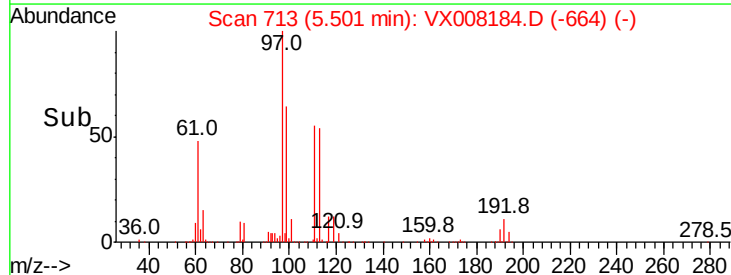
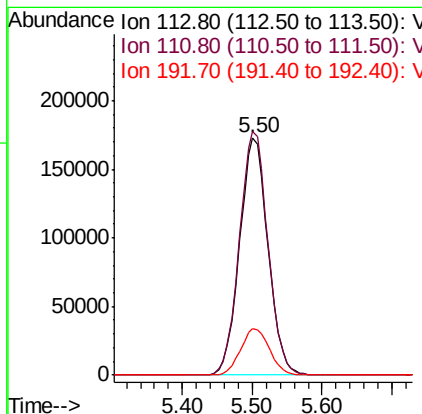
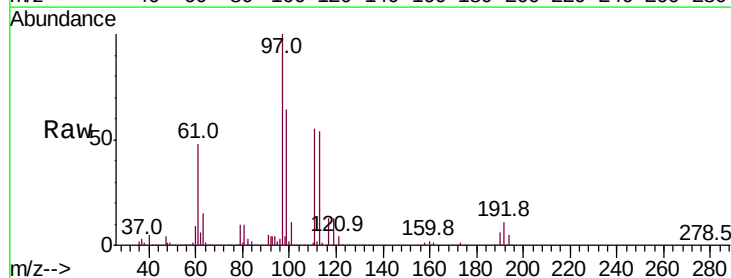
RT: 5.50 min Scan# 713

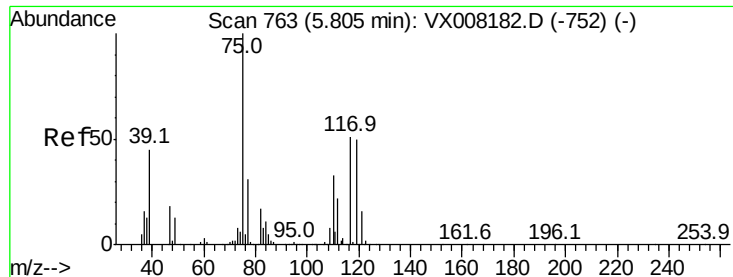
Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion:	113	Resp:	486493
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.4	122.0
192	20.1	19.4	29.0





#36

1,1-Dichloropropene

Concen: 149.179 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

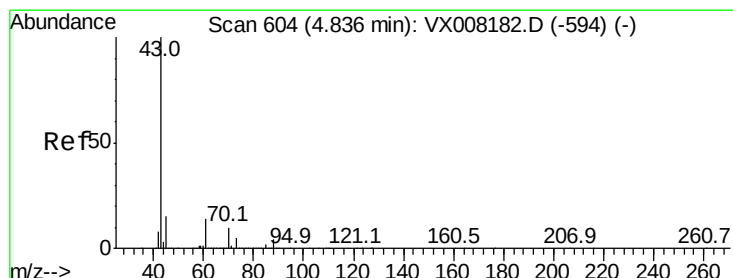
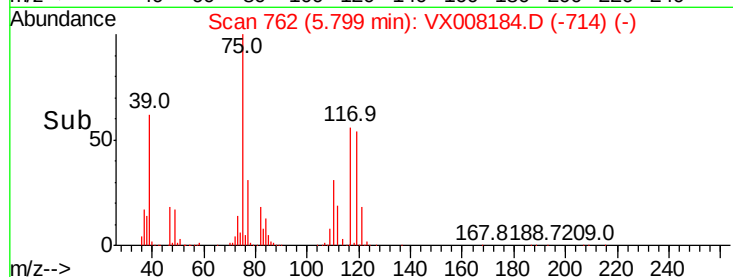
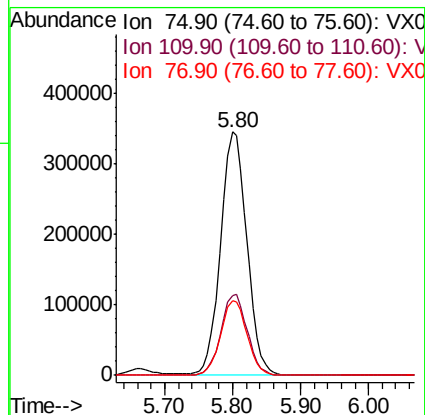
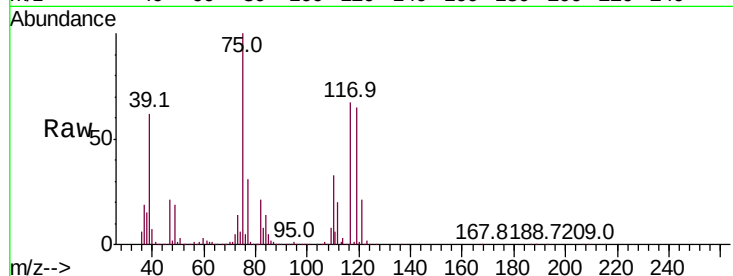
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	923199
Ion Ratio	Lower	Upper	
75	100		
110	33.3	18.4	55.0
77	30.8	25.0	37.4

Manual Integrations
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#37

Ethyl Acetate

Concen: 141.407 ug/l

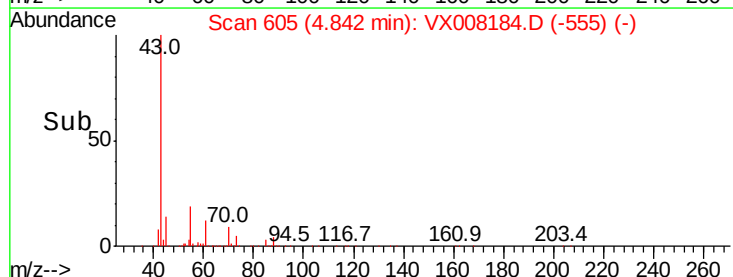
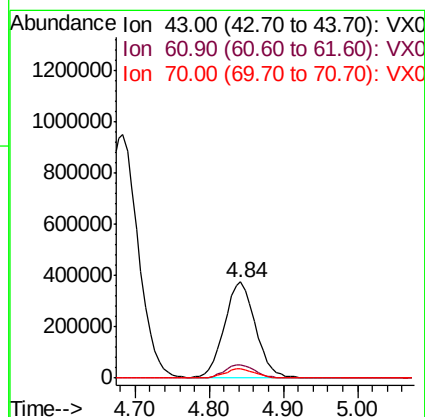
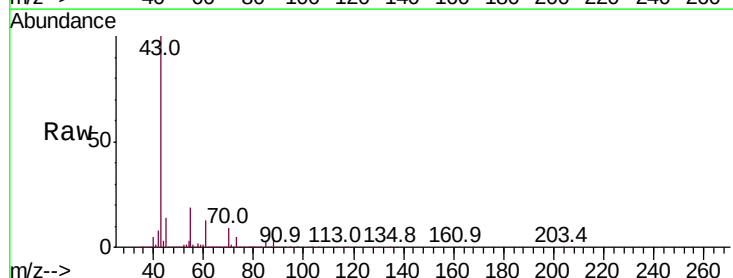
RT: 4.84 min Scan# 605

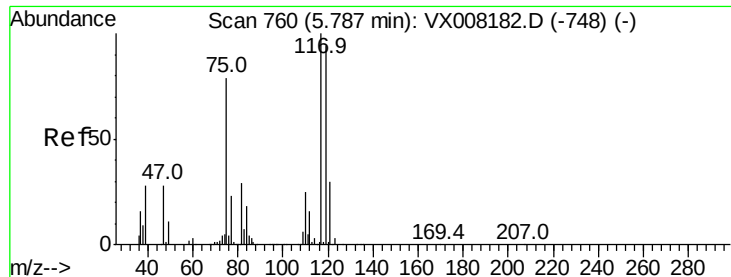
Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion:	43	Resp:	1089889
Ion Ratio	Lower	Upper	
43	100		
61	13.3	11.3	16.9
70	9.7	8.5	12.7





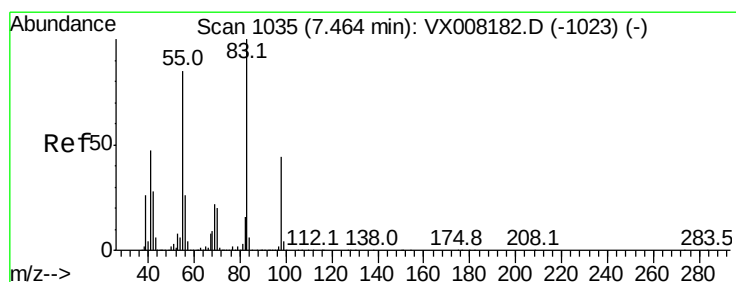
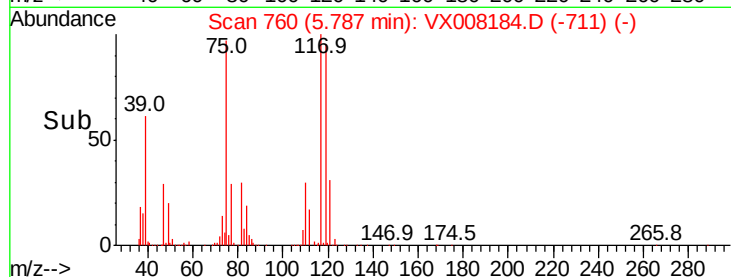
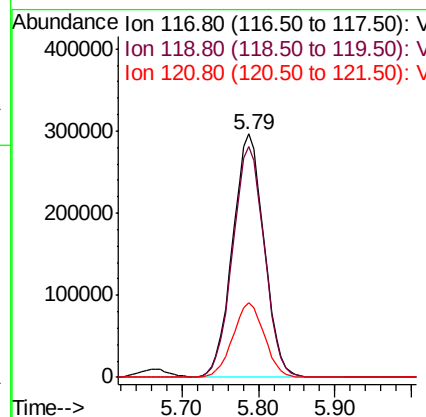
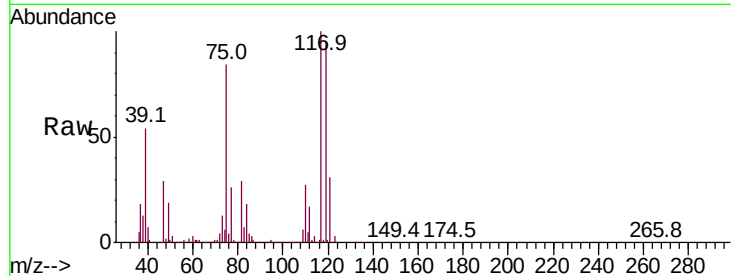
#38
Carbon Tetrachloride
Concen: 148.961 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.2	114.2
121	30.6	24.6	36.8

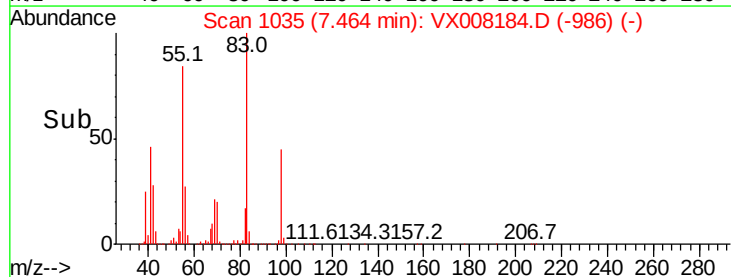
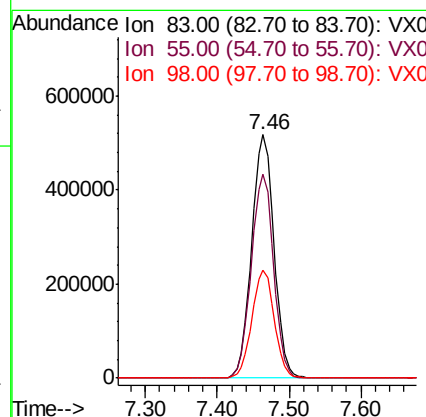
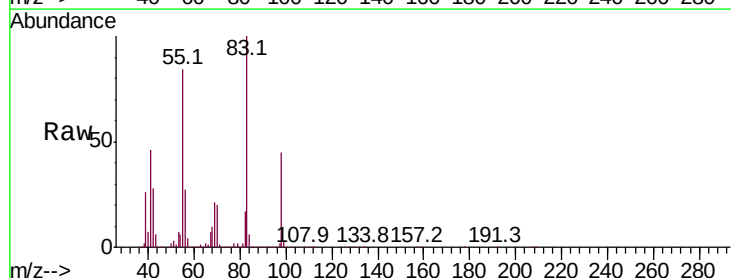
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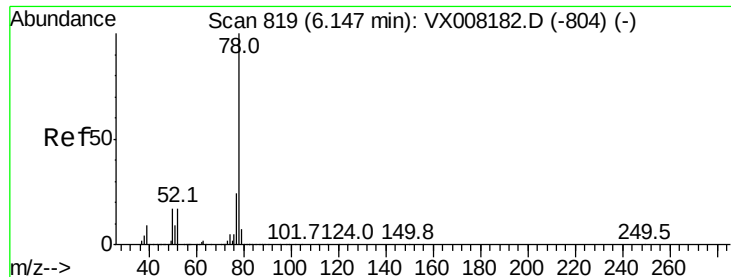
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#39
Methylcyclohexane
Concen: 145.787 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.7	60.4	90.6
98	44.5	36.5	54.7





#40

Benzene

Concen: 144.840 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 2686290

Ion Ratio Lower Upper

78 100

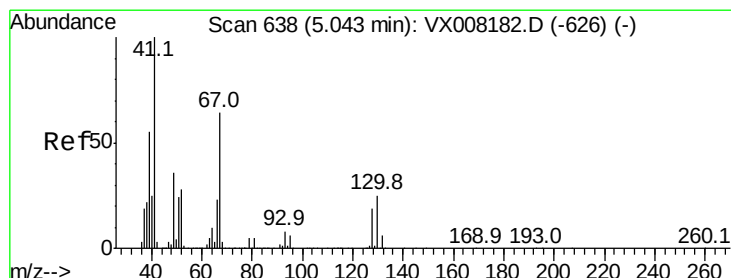
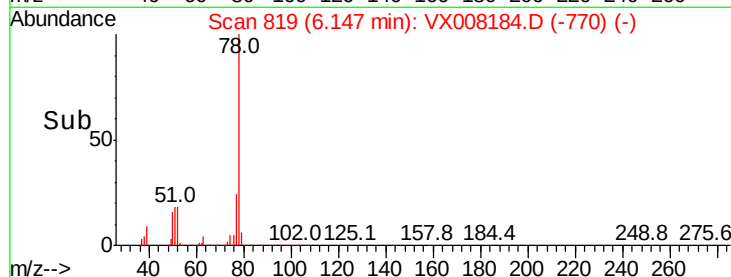
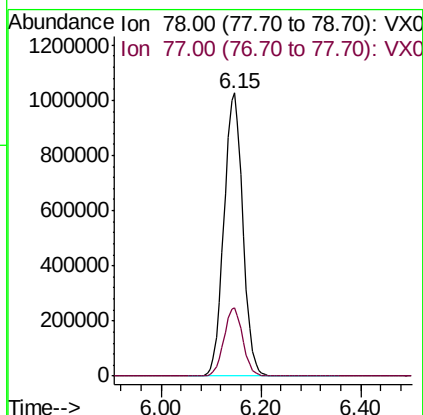
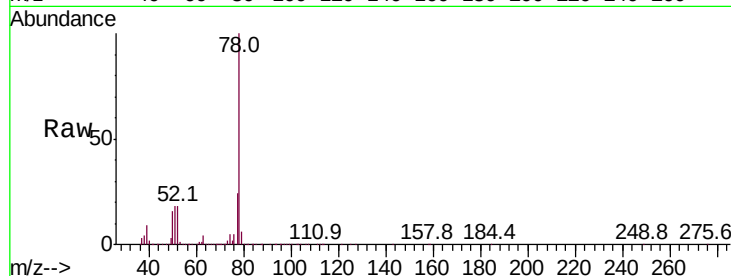
77 24.0 19.0 28.4

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#41

Methacrylonitrile

Concen: 144.296 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion: 41 Resp: 622894

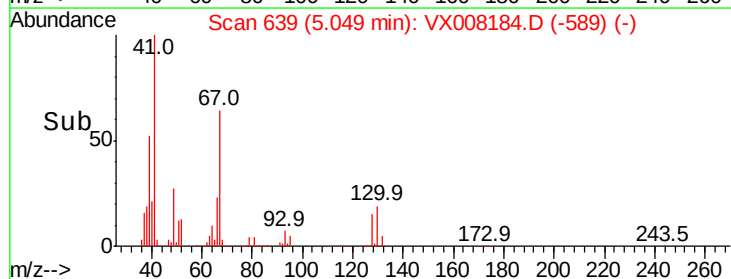
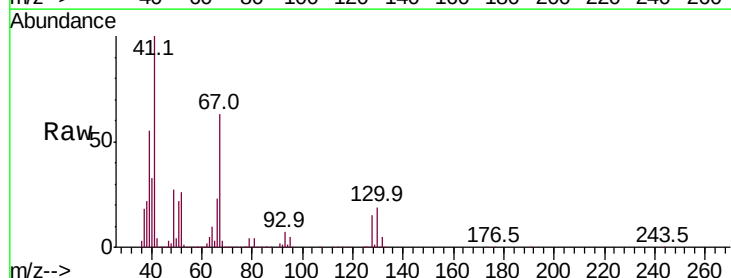
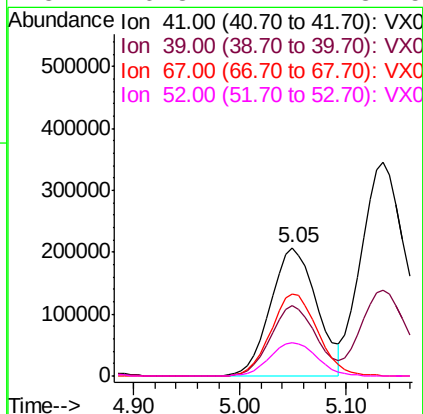
Ion Ratio Lower Upper

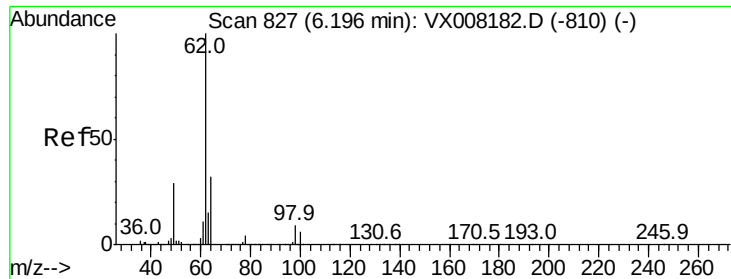
41 100

39 54.2 41.6 62.4

67 64.6 55.8 83.6

52 26.8 21.7 32.5





#42

1,2-Dichloroethane

Concen: 144.083 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

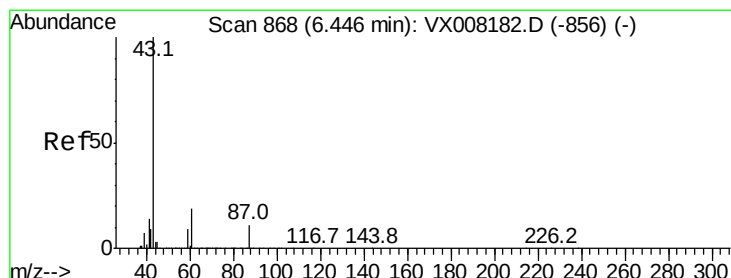
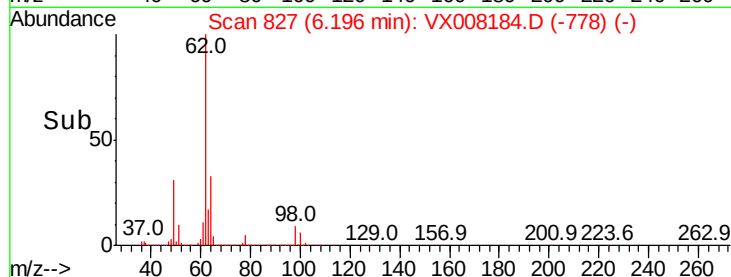
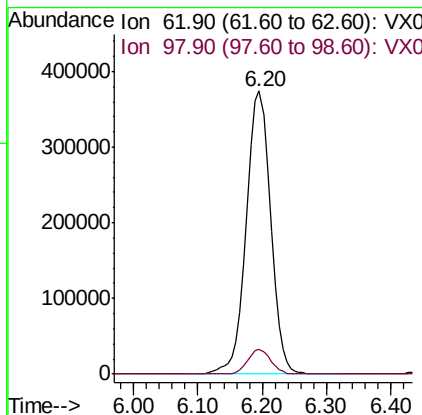
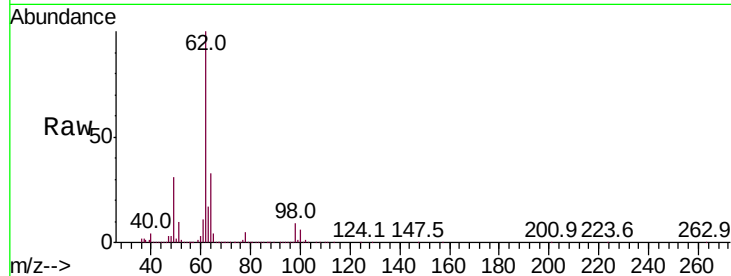
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
62	100		
98	8.4	0.0	20.4

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#43

Isopropyl Acetate

Concen: 145.948 ug/l

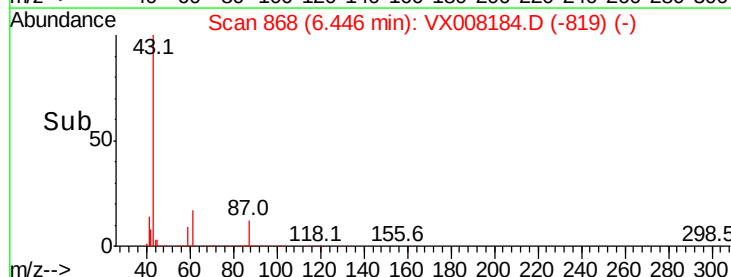
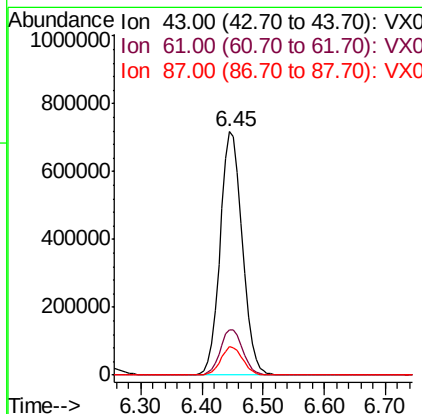
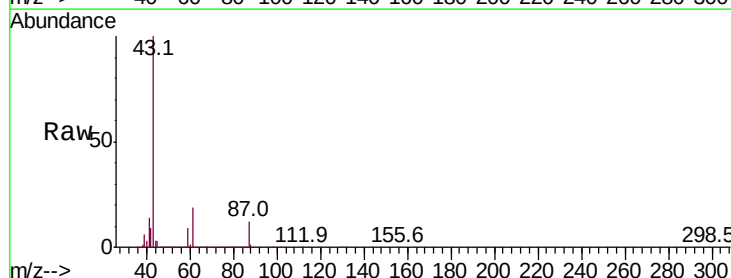
RT: 6.45 min Scan# 868

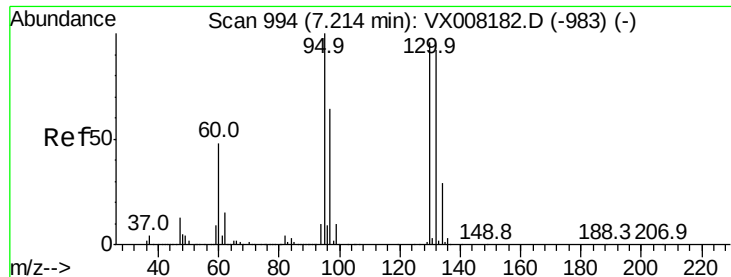
Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
61	19.0	16.3	24.5
87	11.6	10.5	15.7





#44

Trichloroethene

Concen: 146.864 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 648303

Ion Ratio Lower Upper

130 100

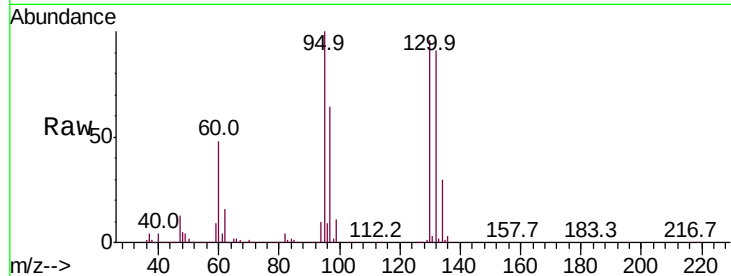
95 104.1 0.0 188.0

Manual Integrations

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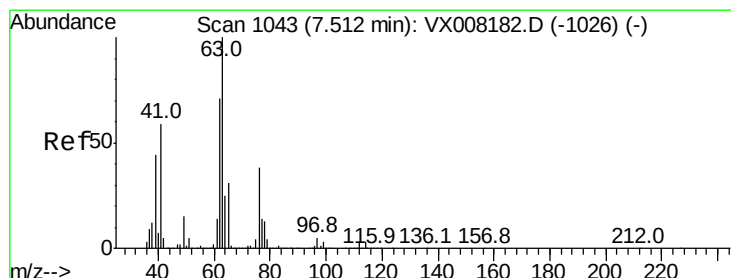
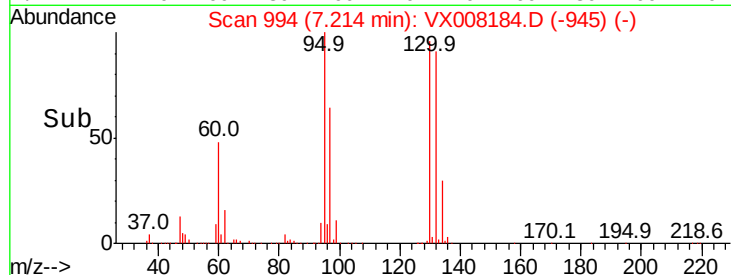
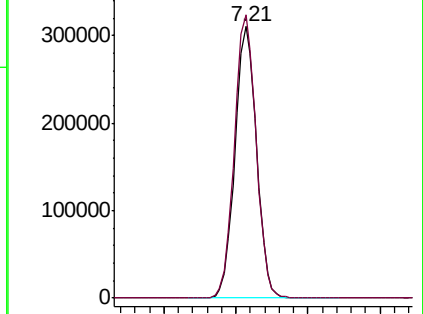
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 147.736 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008184.D

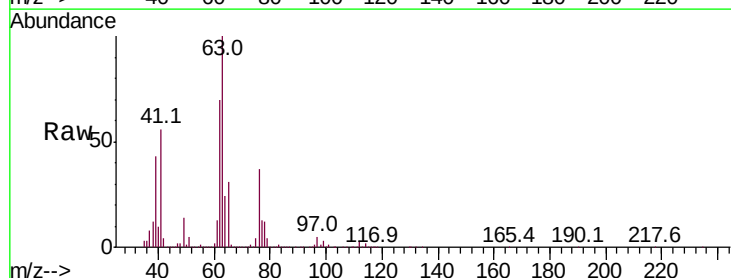
Acq: 19 Mar 2019 11:58

Tgt Ion: 63 Resp: 753520

Ion Ratio Lower Upper

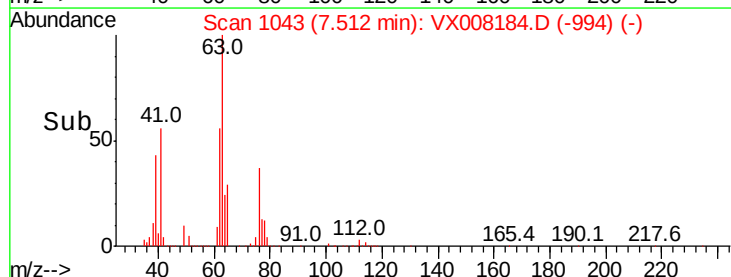
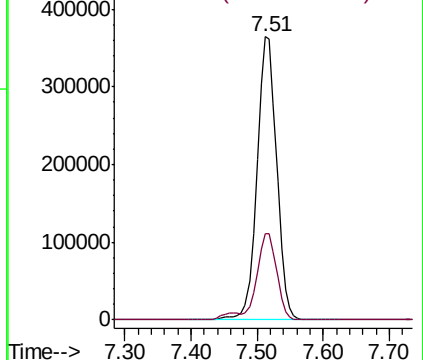
63 100

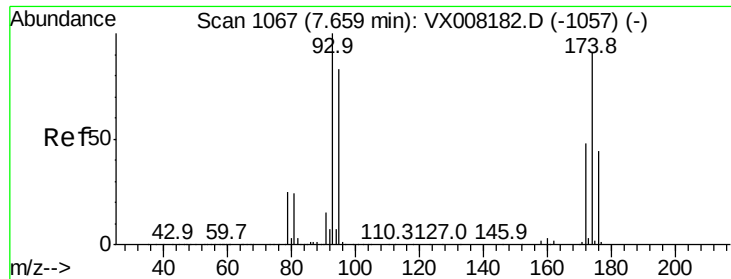
65 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





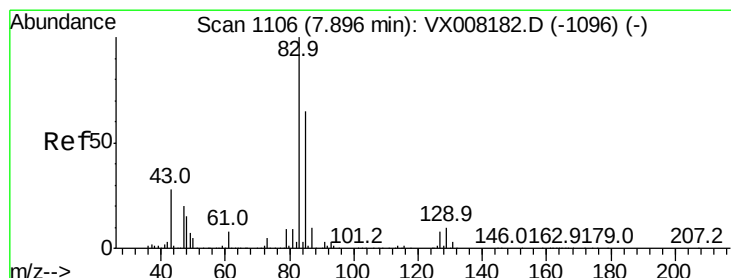
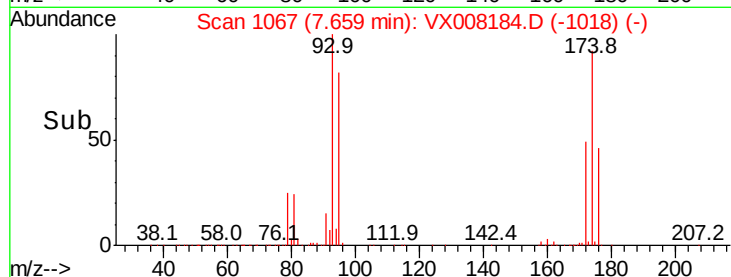
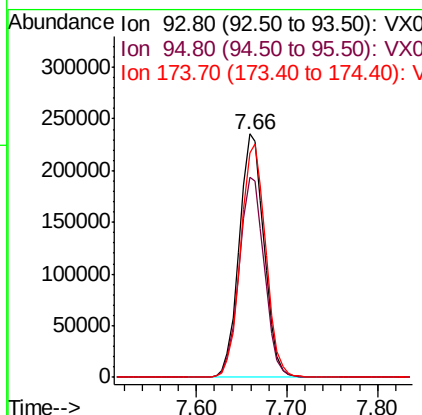
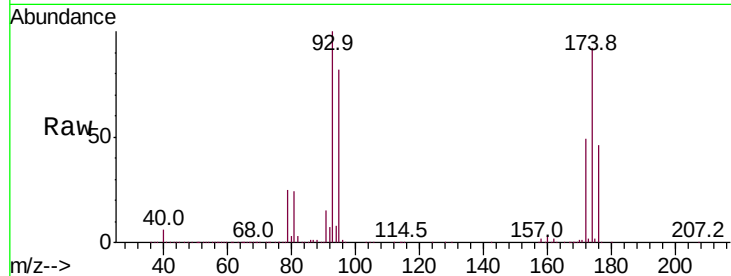
#46
Dibromomethane
Concen: 145.200 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 93 Resp: 446975
Ion Ratio Lower Upper
93 100
95 83.1 66.8 100.2
174 96.5 97.3 145.9#

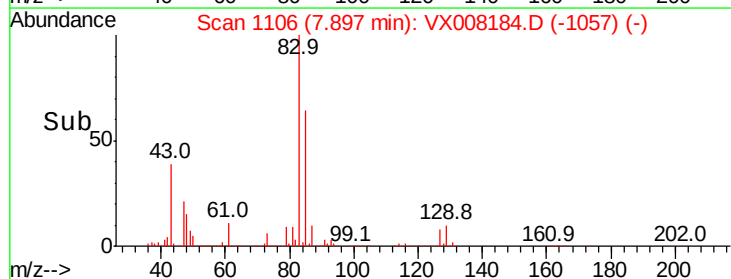
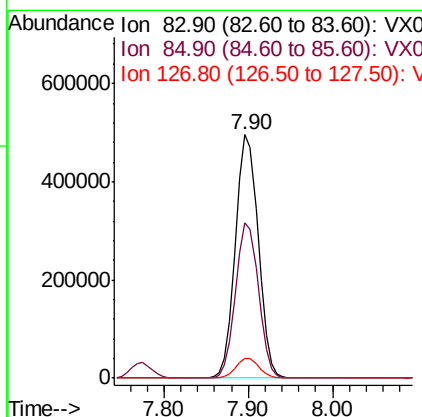
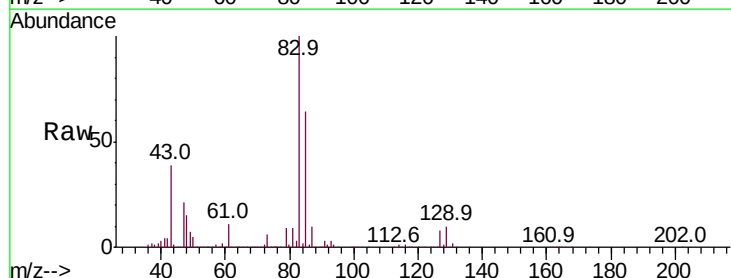
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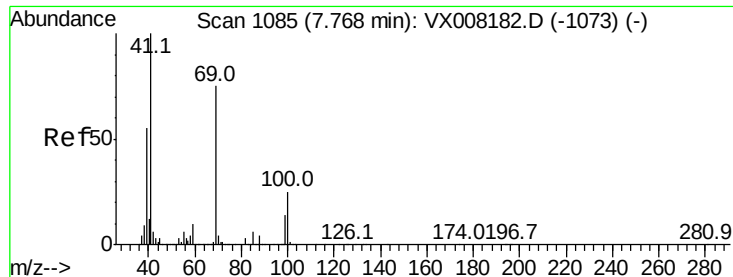
MMDadoda
3/20/2019 10:28:16 AM



#47
Bromodichloromethane
Concen: 148.249 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 83 Resp: 903471
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.0 7.4 11.0





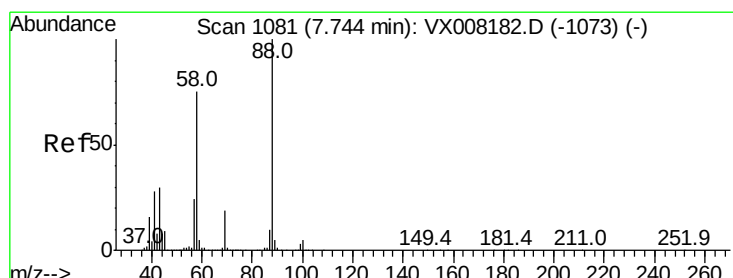
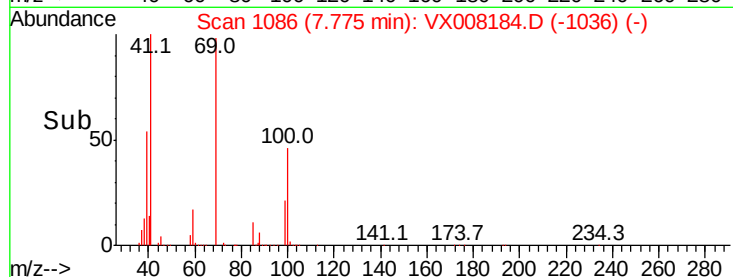
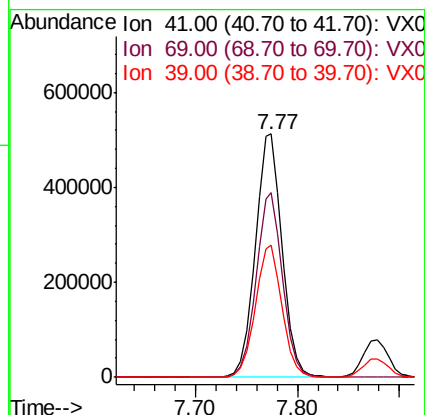
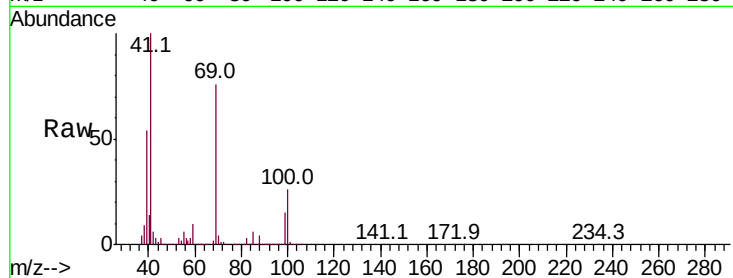
#48
Methyl methacrylate
Concen: 144.009 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
69	75.0	65.2	97.8
39	54.1	39.4	59.2

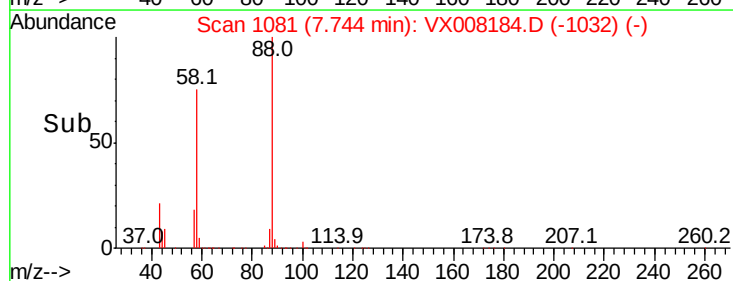
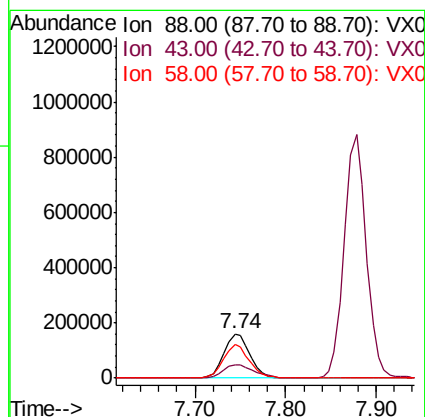
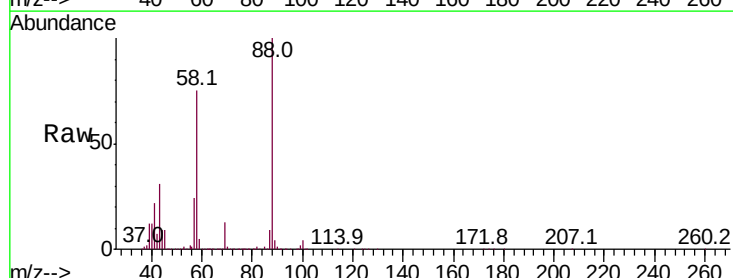
Manual Integrations
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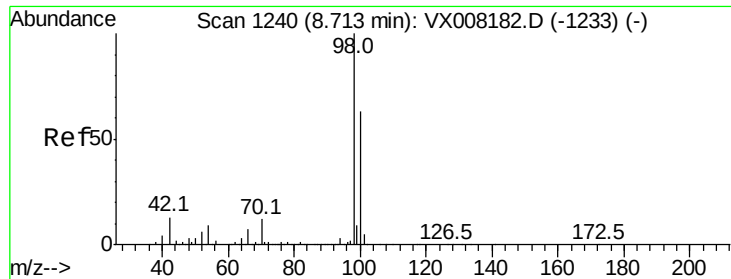
MMDadoda
3/20/2019 10:28:16 AM



#49
1,4-Dioxane
Concen: 2977.112 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.5	25.1	37.7
58	76.3	57.8	86.6





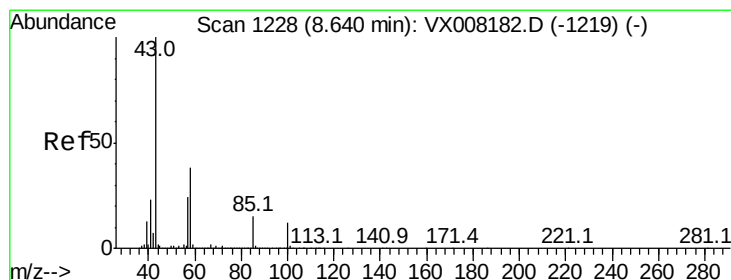
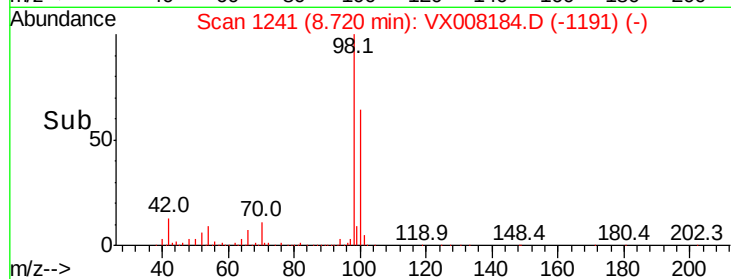
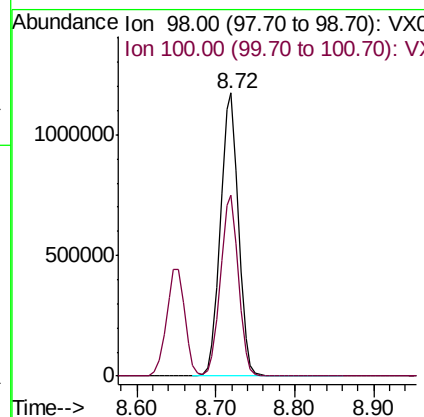
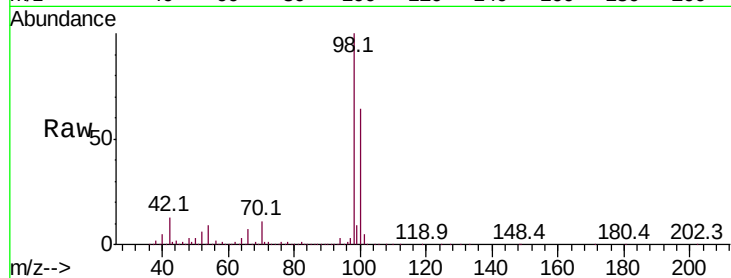
#50
Toluene-d8
Concen: 141.704 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 1857598
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

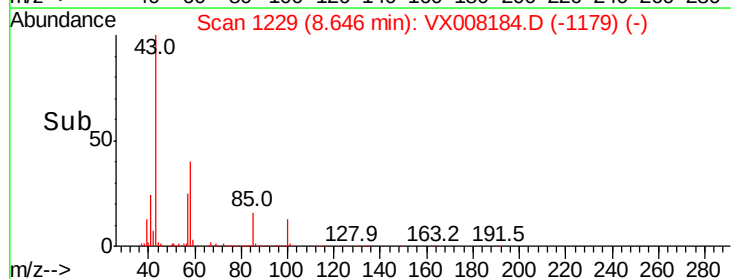
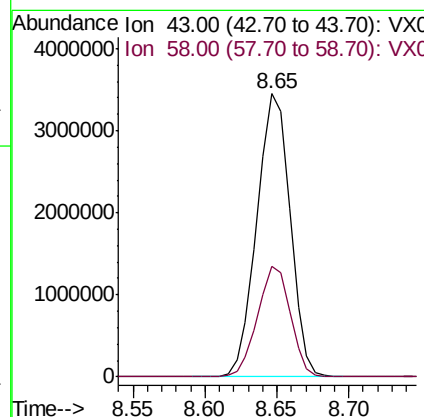
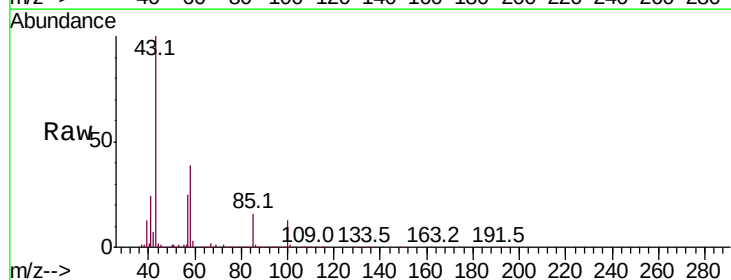
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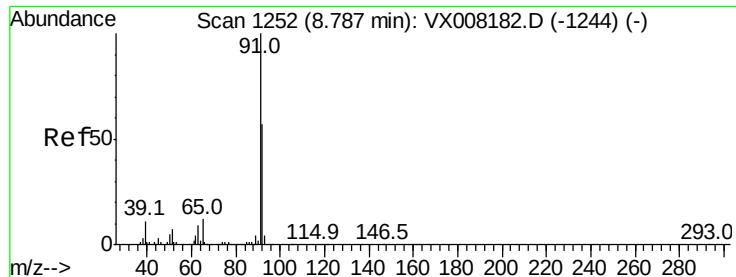
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3/20/2019 10:28:16 AM



#51
4-Methyl-2-Pentanone
Concen: 701.234 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 43 Resp: 5519765
Ion Ratio Lower Upper
43 100
58 38.5 31.3 46.9





#52

Toluene

Concen: 145.735 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 1590685

Ion Ratio Lower Upper

92 100

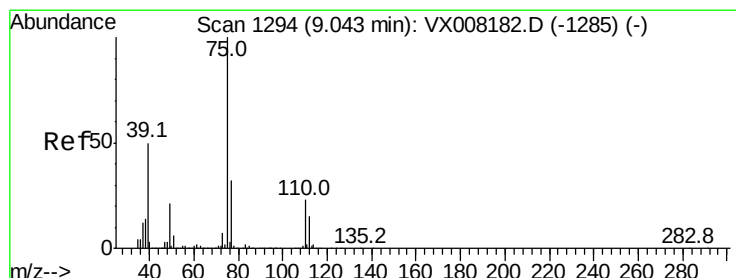
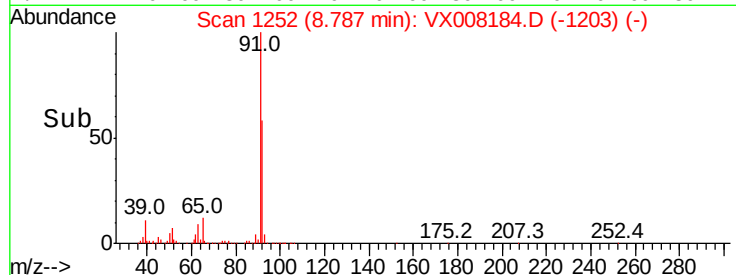
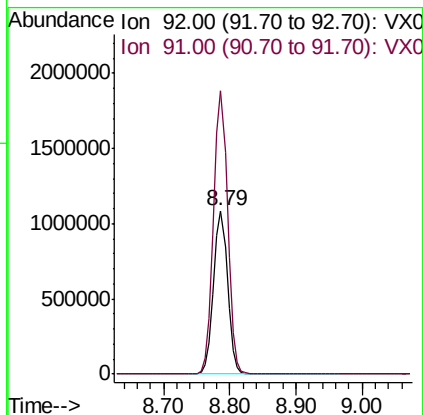
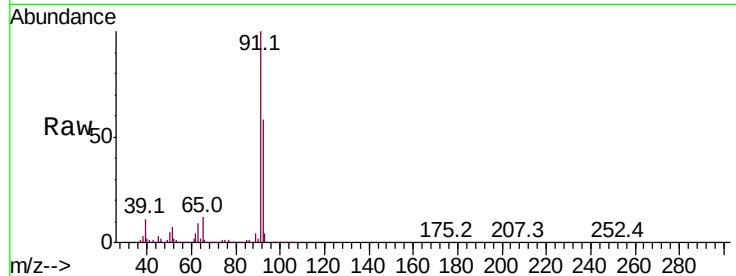
91 174.1 137.4 206.0

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#53

t-1,3-Dichloropropene

Concen: 150.821 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008184.D

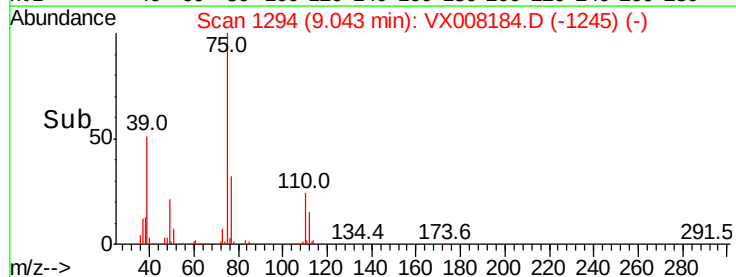
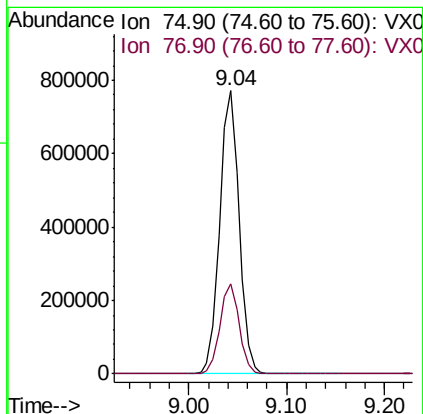
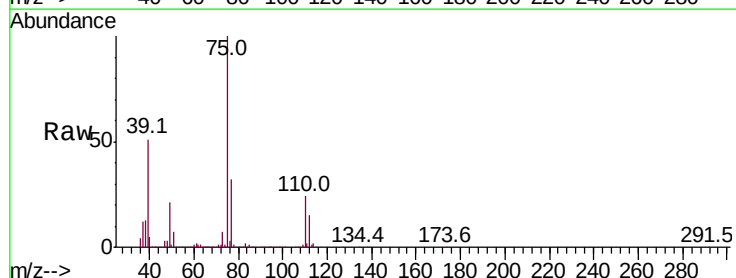
Acq: 19 Mar 2019 11:58

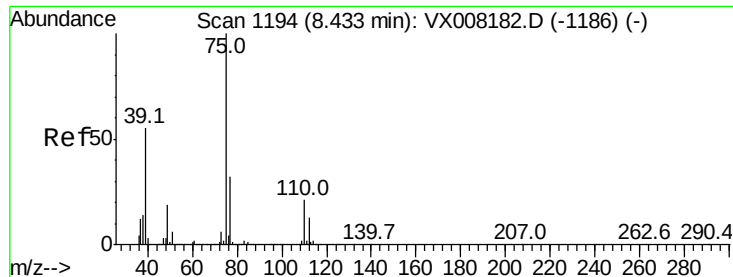
Tgt Ion: 75 Resp: 1060875

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0





#54

cis-1,3-Dichloropropene

Concen: 149.955 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 1152352

Ion Ratio Lower Upper

75 100

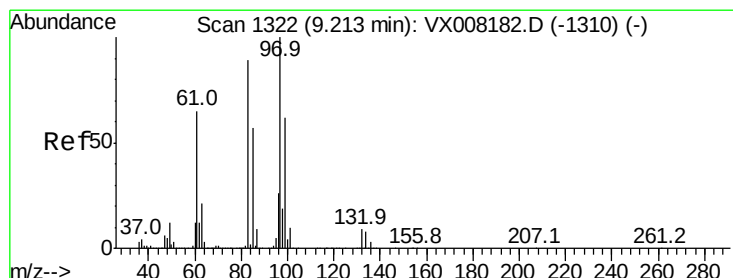
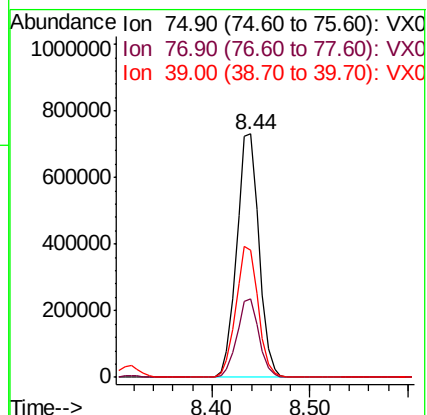
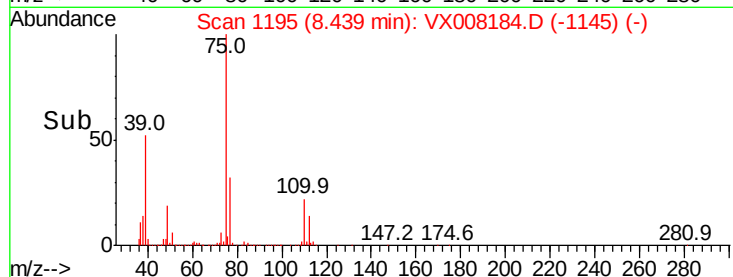
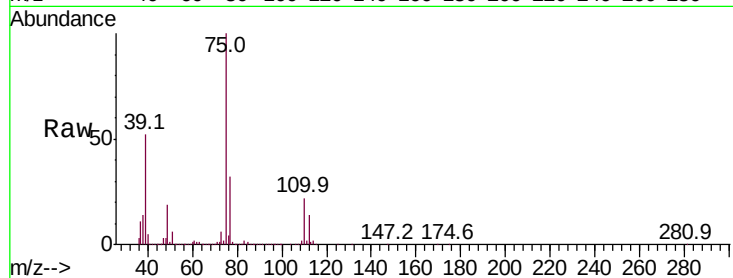
77 32.2 25.0 37.6

39 52.1 36.6 54.8

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#55

1,1,2-Trichloroethane

Concen: 140.389 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion: 97 Resp: 631408

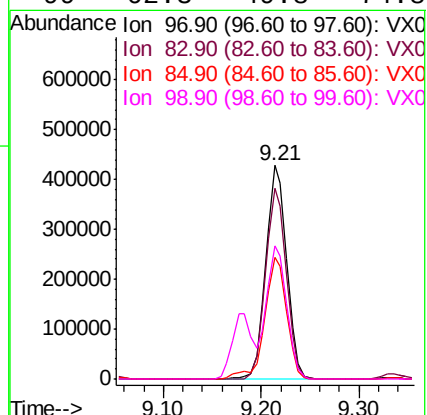
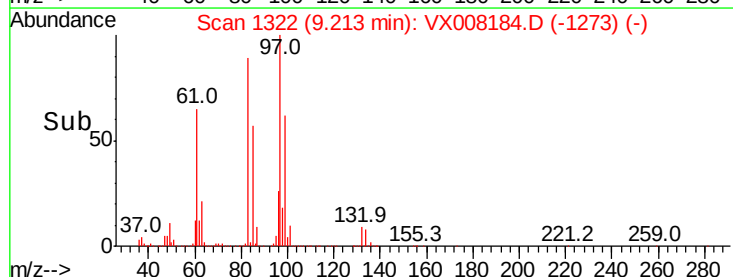
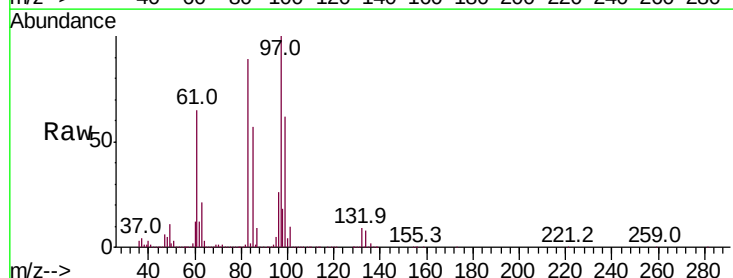
Ion Ratio Lower Upper

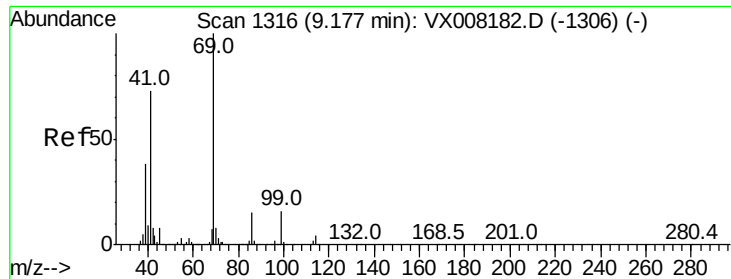
97 100

83 89.4 69.1 103.7

85 56.9 44.3 66.5

99 62.3 49.8 74.8





#56

Ethyl methacrylate

Concen: 144.348 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 69 Resp: 1087751

Ion Ratio Lower Upper

69 100

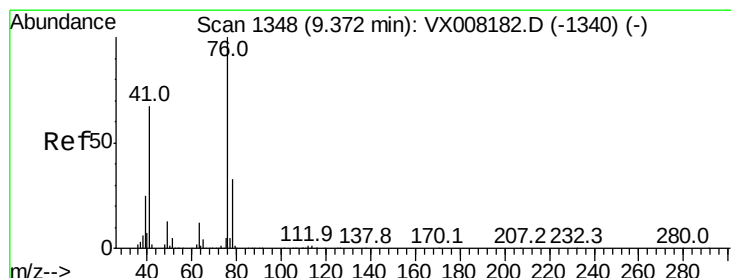
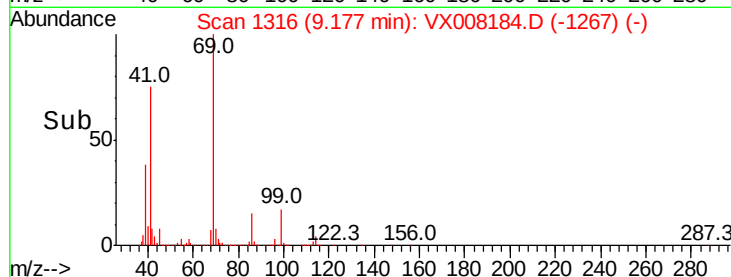
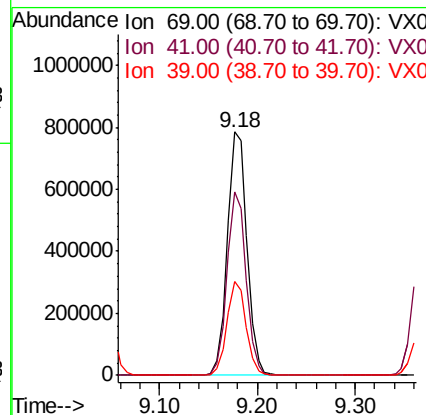
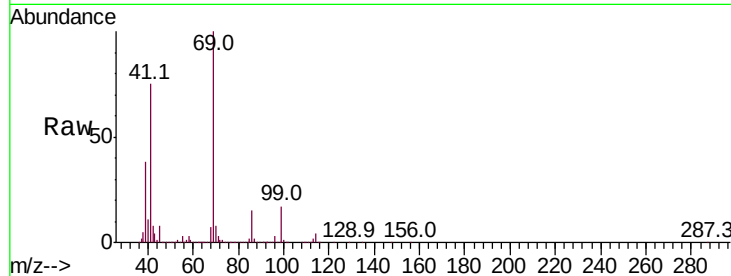
41 73.8 54.2 81.4

39 37.7 25.0 37.4#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 141.398 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008184.D

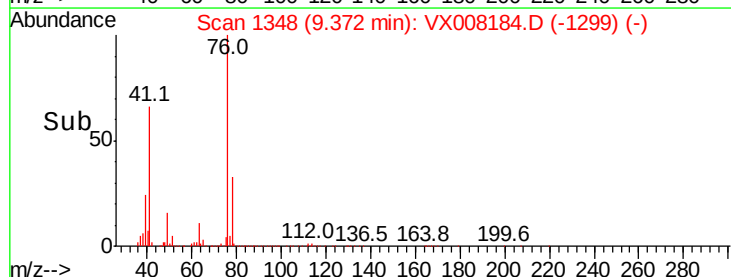
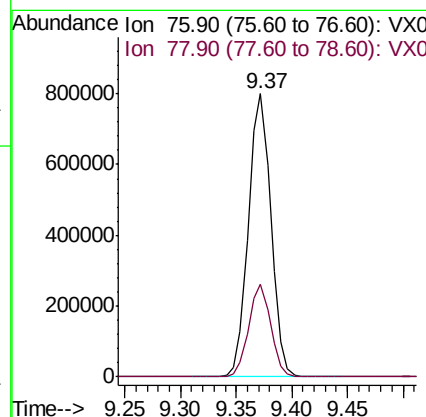
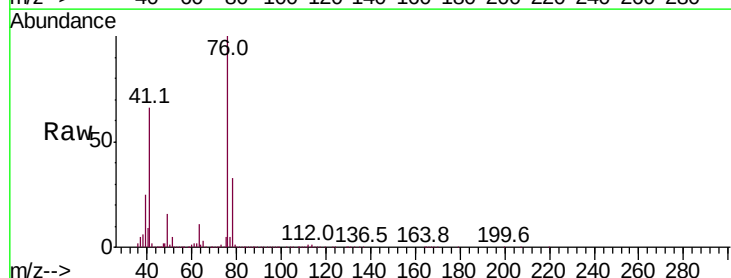
Acq: 19 Mar 2019 11:58

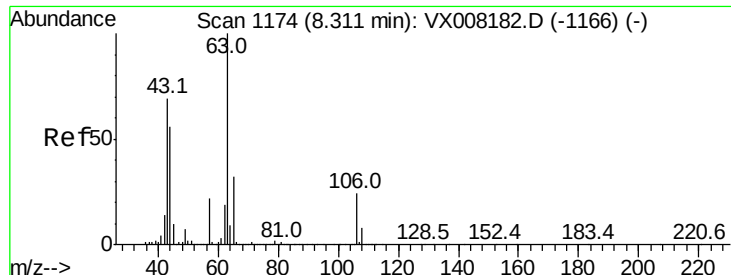
Tgt Ion: 76 Resp: 1122958

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3





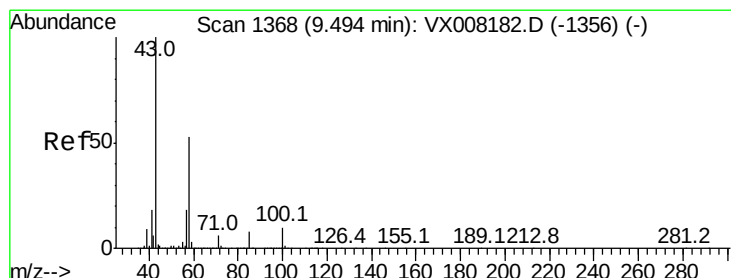
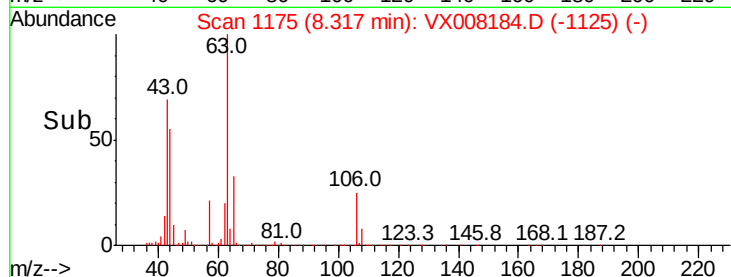
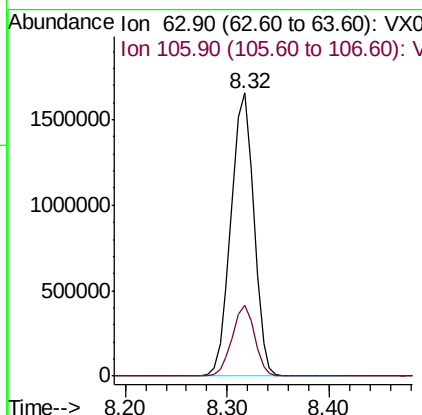
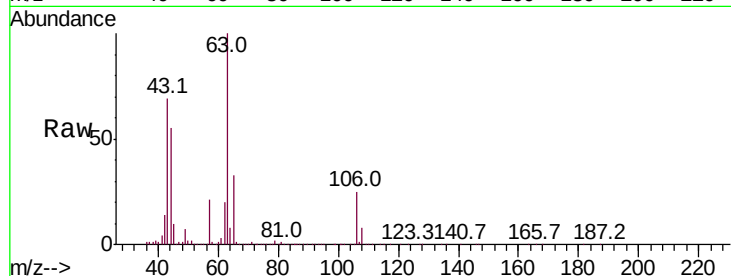
#58
2-Chloroethyl Vinyl ether
Concen: 729.140 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 2556649
Ion Ratio Lower Upper
63 100
106 24.5 22.2 33.2

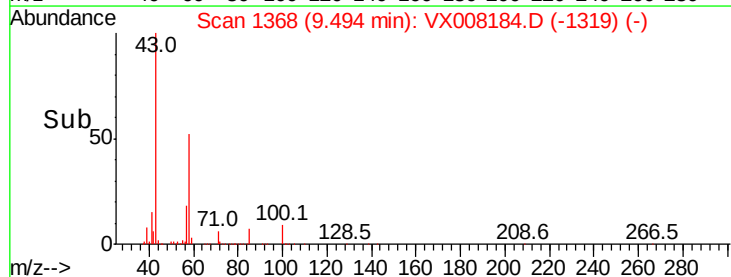
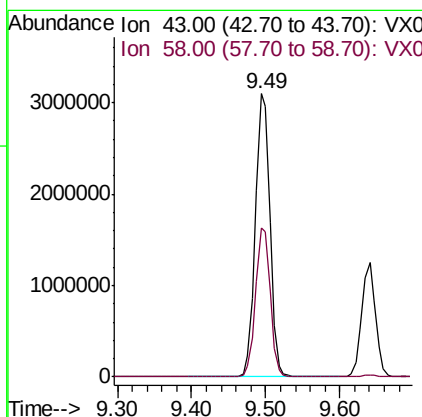
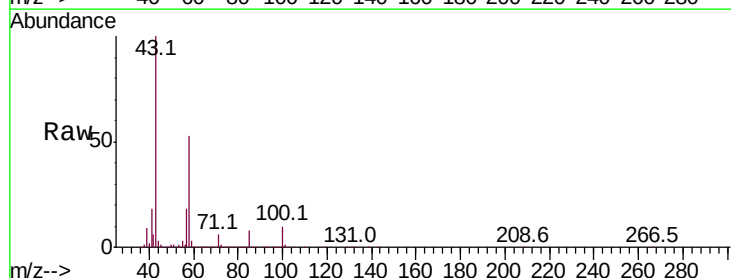
Manual Integrations
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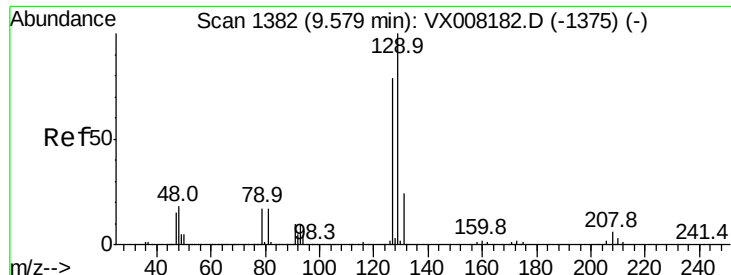
MMDadoda
3/20/2019 10:28:16 AM



#59
2-Hexanone
Concen: 712.606 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 43 Resp: 4276070
Ion Ratio Lower Upper
43 100
58 52.9 27.6 82.7





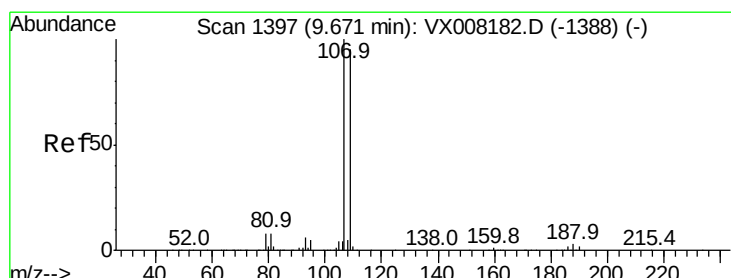
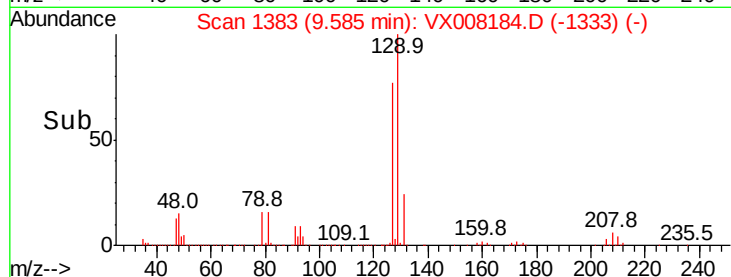
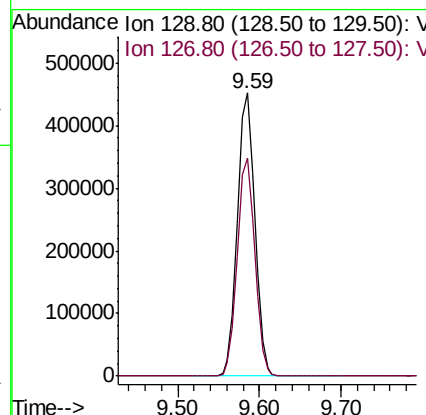
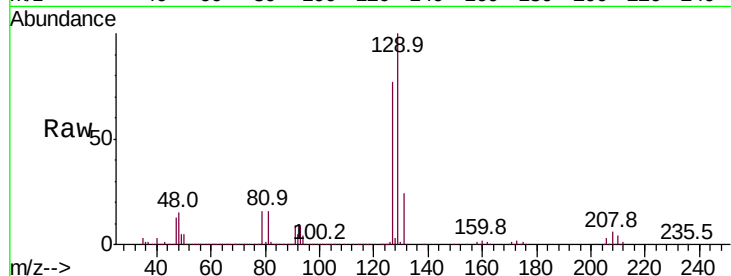
#60
Dibromochloromethane
Concen: 147.722 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:129 Resp: 659001
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8

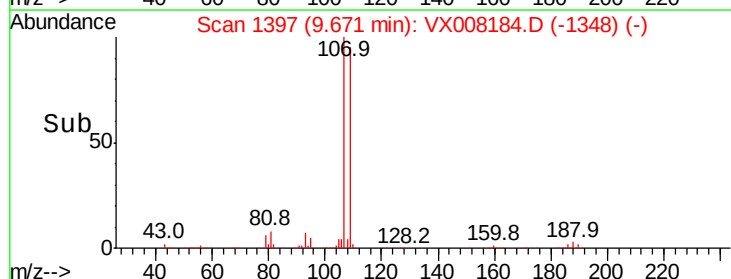
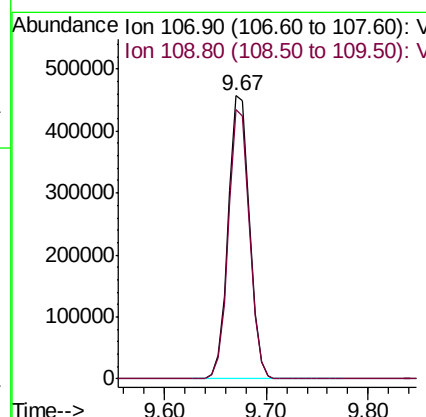
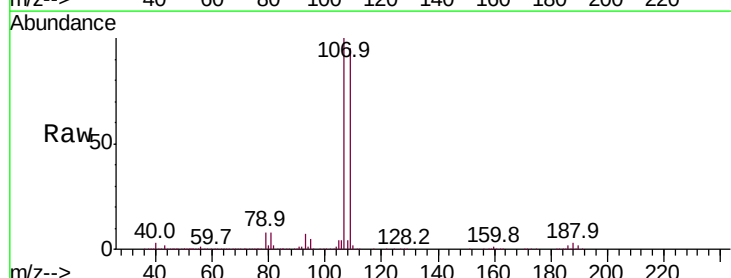
Manual Integrations
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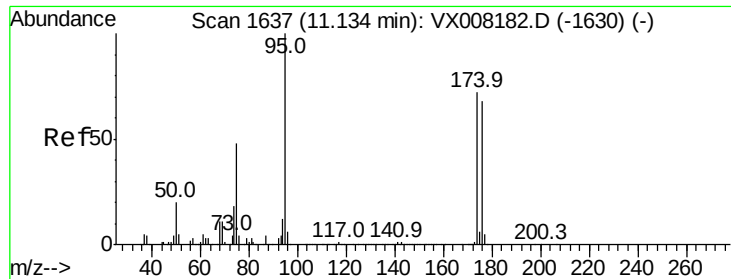
MMDadoda
3/20/2019 10:28:16 AM



#61
1,2-Dibromoethane
Concen: 141.160 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:107 Resp: 659714
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8





#62

4-Bromofluorobenzene

Concen: 145.087 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 95 Resp: 666276

Ion Ratio Lower Upper

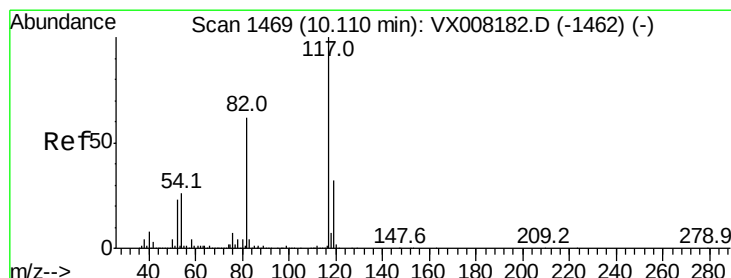
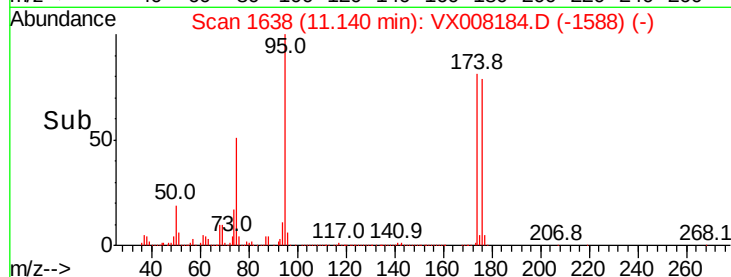
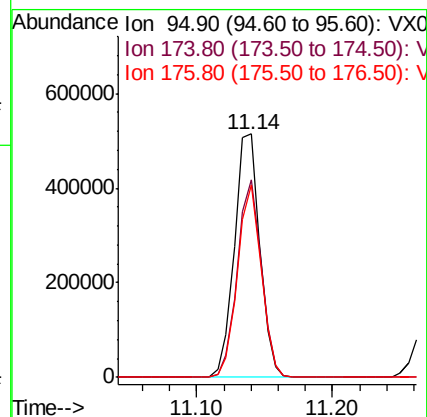
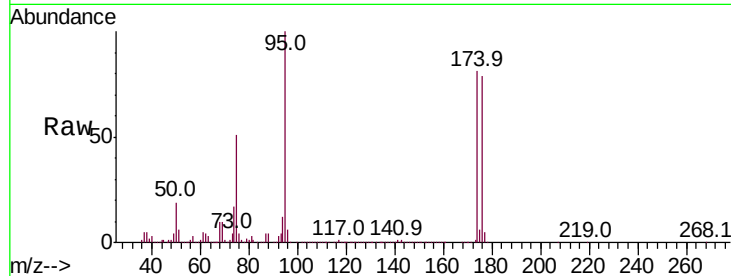
95 100

174 77.5 0.0 182.8

176 74.7 0.0 178.0

Manual Integrations
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3/20/2019 10:28:16 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

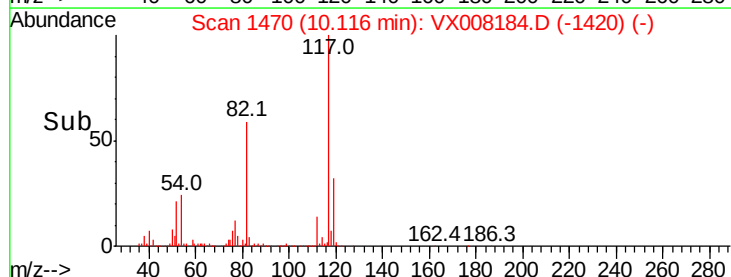
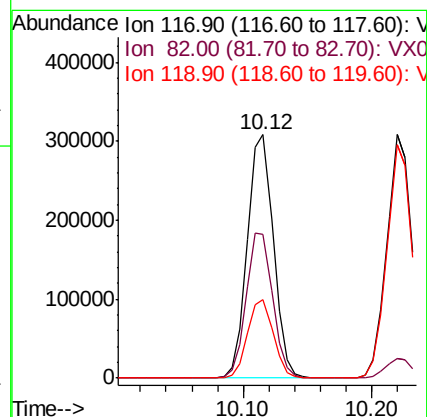
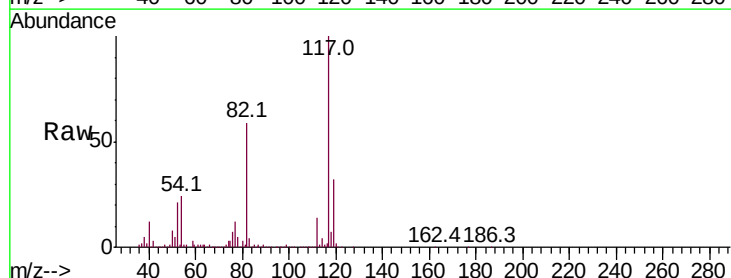
Tgt Ion: 117 Resp: 429306

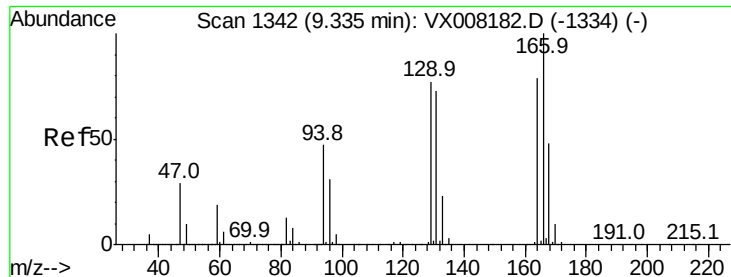
Ion Ratio Lower Upper

117 100

82 59.2 44.3 66.5

119 32.3 25.3 37.9





#64

Tetrachloroethene

Concen: 143.408 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 591934

Ion Ratio Lower Upper

164 100

166 126.1 103.4 155.0

129 95.4 72.2 108.4

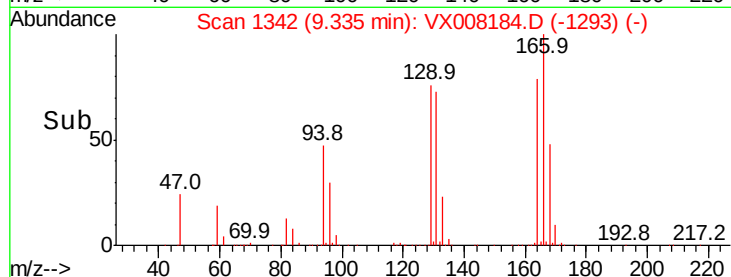
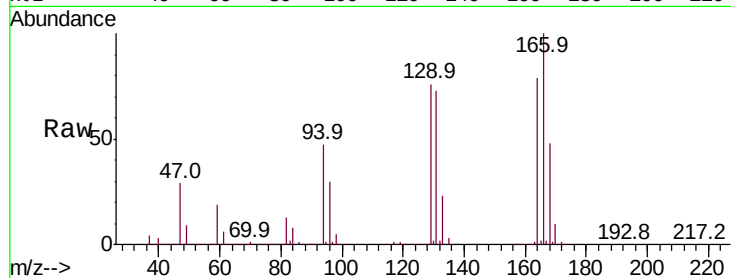
131 92.1 69.4 104.2

Manual Integrations

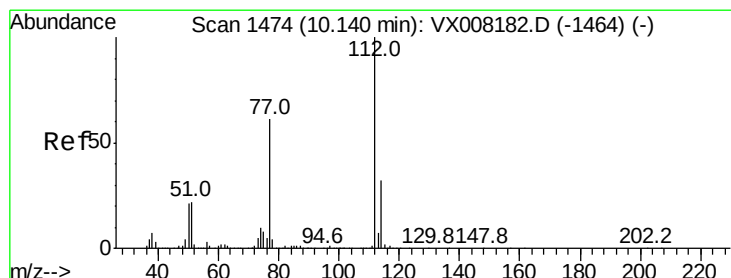
APPROVED

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3/20/2019 10:28:16 AM



Time-->



#65

Chlorobenzene

Concen: 145.556 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008184.D

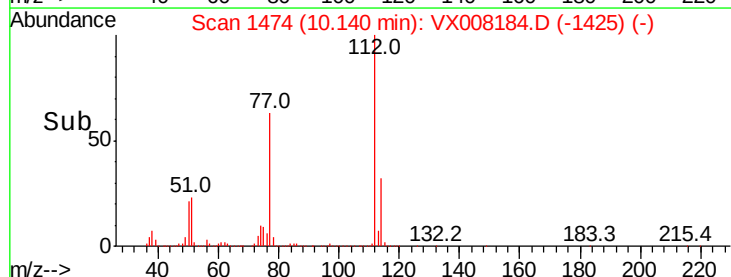
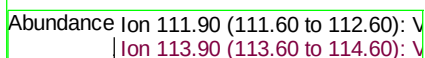
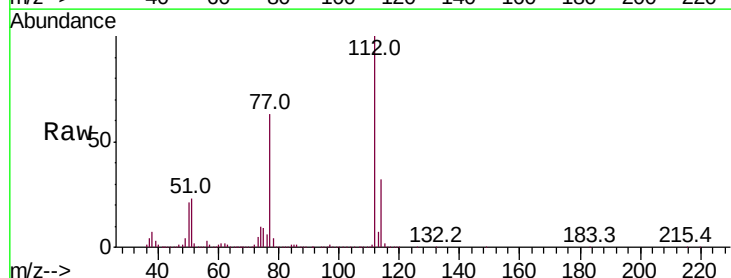
Acq: 19 Mar 2019 11:58

Tgt Ion:112 Resp: 1649200

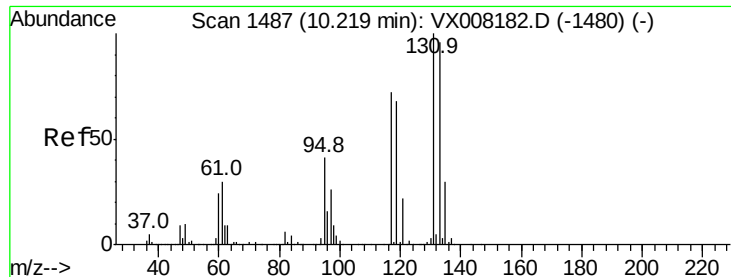
Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 147.038 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 597230

Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

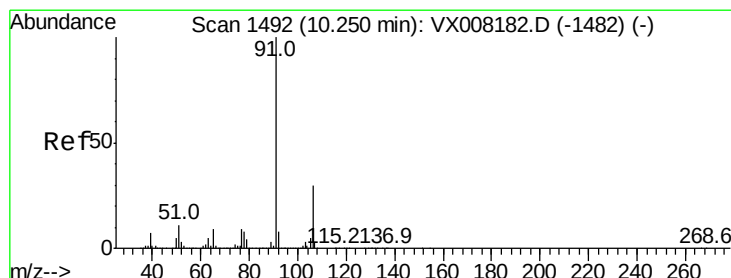
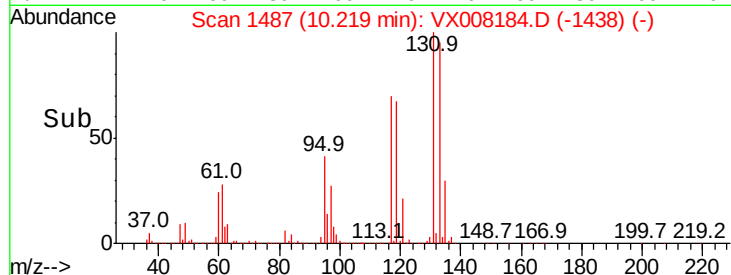
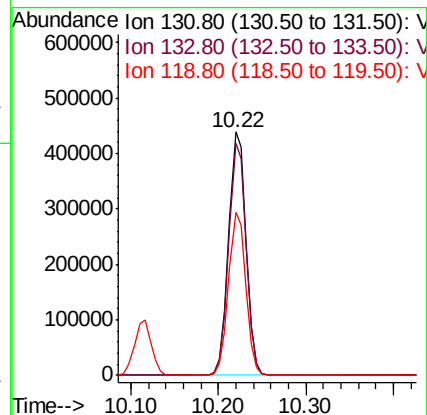
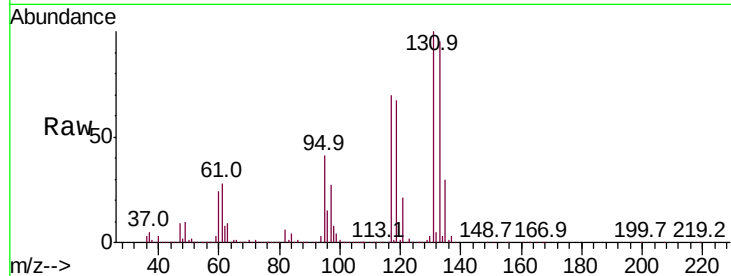
119 67.1 32.5 97.5

Manual Integrations

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#67

Ethyl Benzene

Concen: 146.433 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008184.D

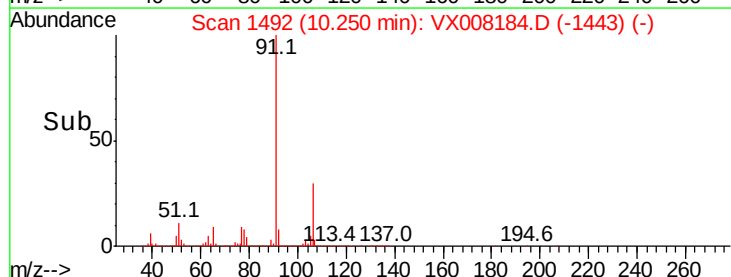
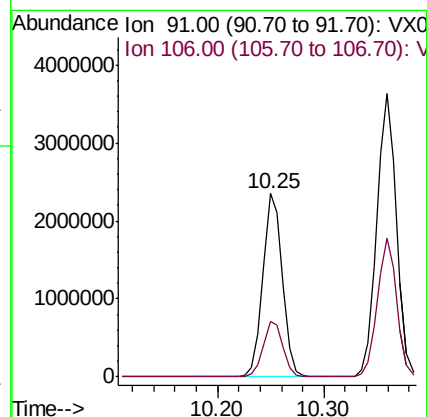
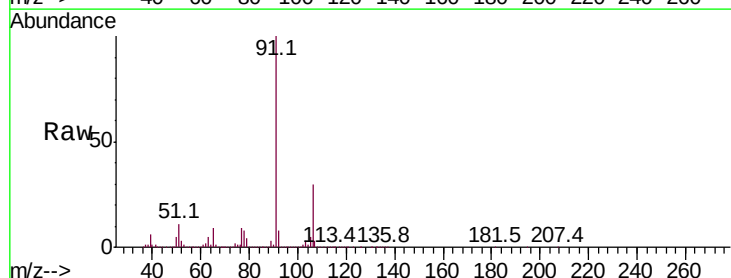
Acq: 19 Mar 2019 11:58

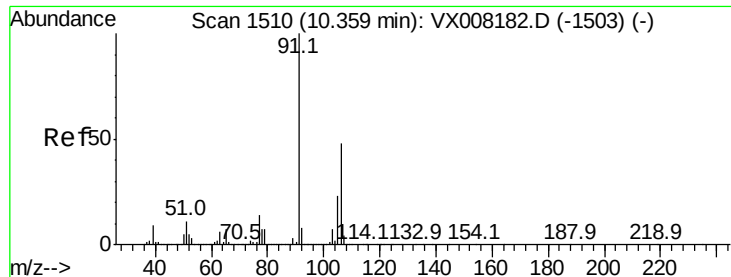
Tgt Ion: 91 Resp: 3020827

Ion Ratio Lower Upper

91 100

106 30.2 25.2 37.8





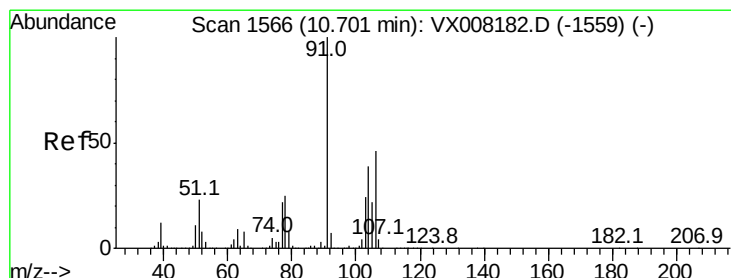
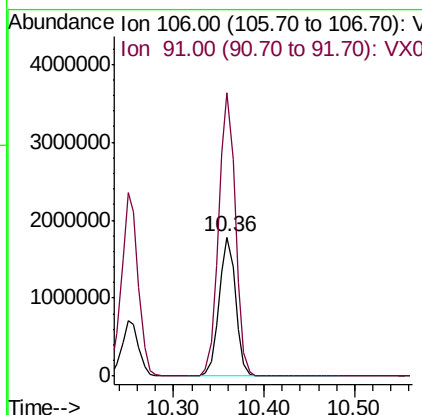
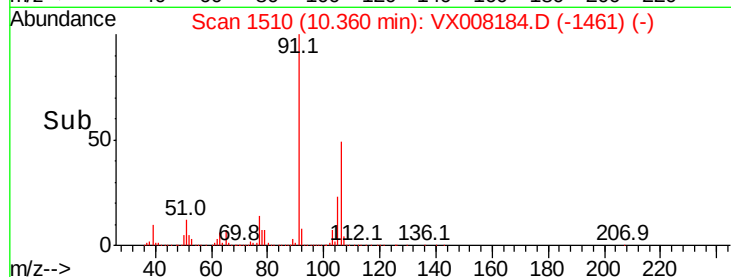
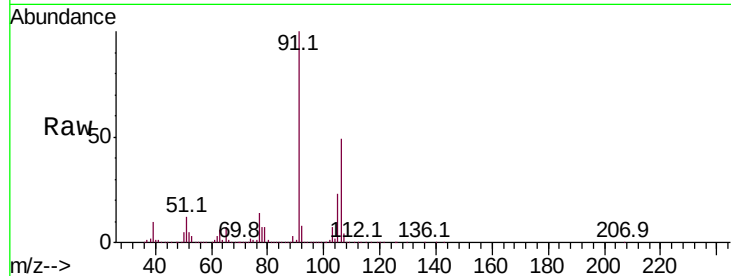
#68
m/p-Xylenes
Concen: 299.769 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2268537
Ion Ratio Lower Upper
106 100
91 206.5 159.8 239.6

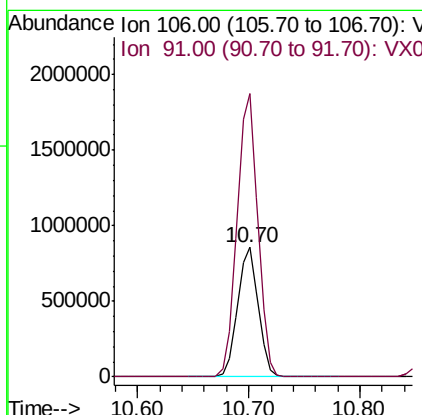
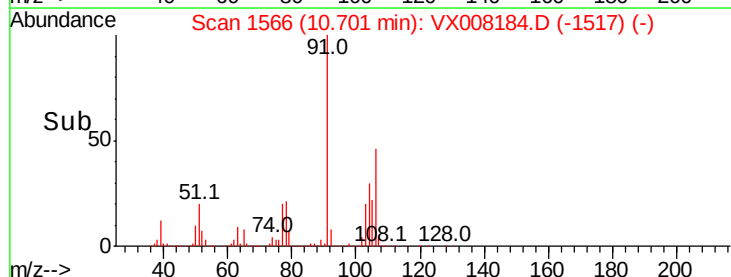
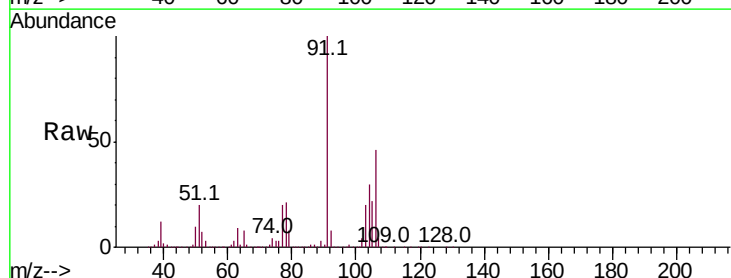
Manual Integrations
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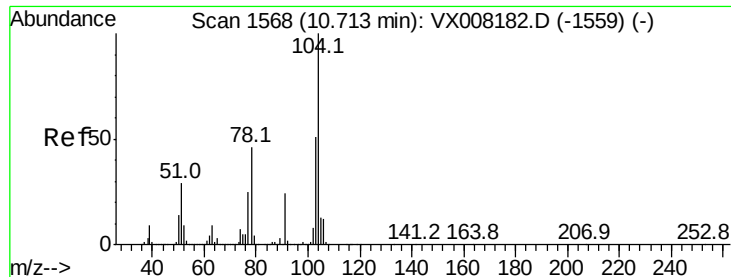
MMDadoda
3/20/2019 10:28:16 AM



#69
o-Xylene
Concen: 148.740 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion:106 Resp: 1096821
Ion Ratio Lower Upper
106 100
91 220.2 106.3 318.9





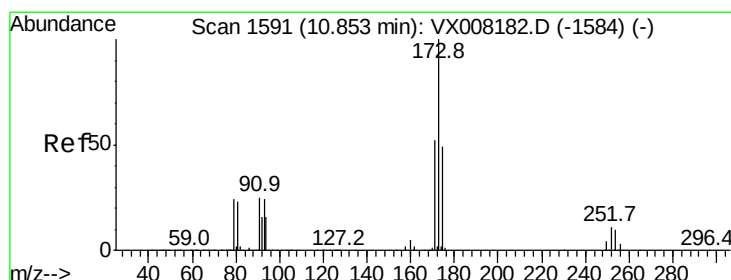
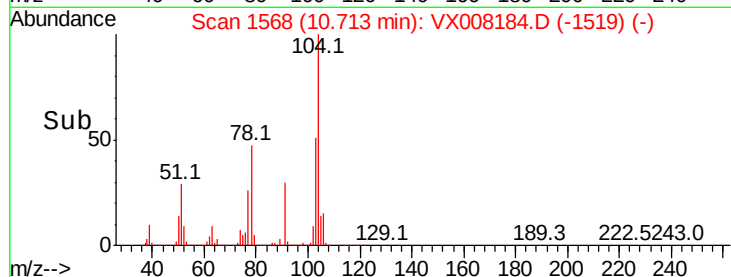
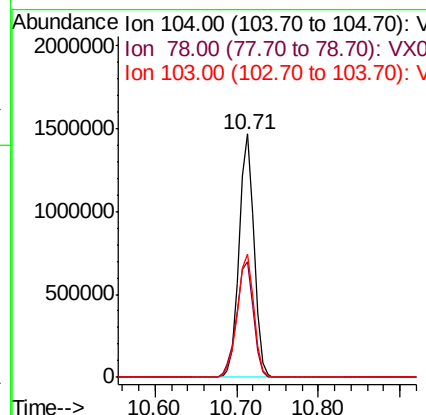
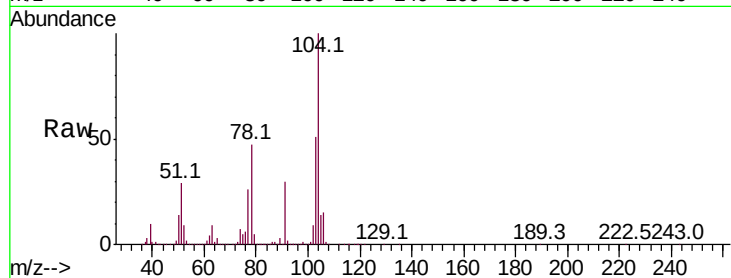
#70
Stvrene
Concen: 150.290 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.9	38.5	57.7
103	56.0	44.1	66.1

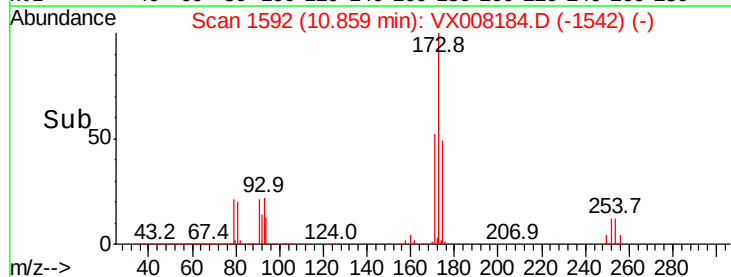
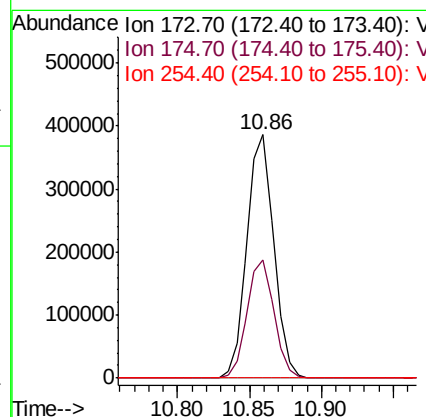
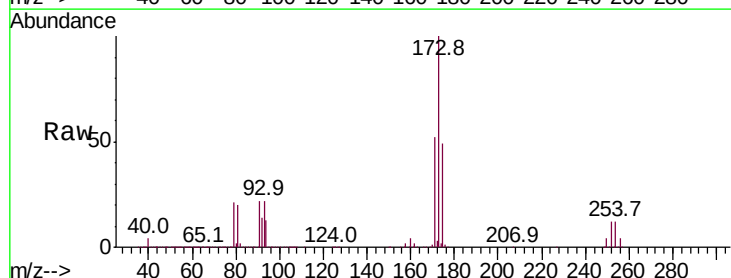
Manual Integrations
APPROVED

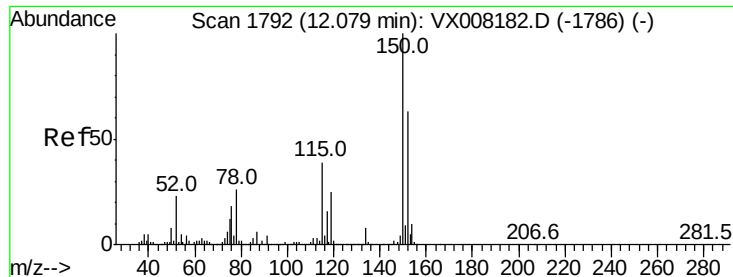
MMDadoda
3/20/2019 10:28:16 AM



#71
Bromoform
Concen: 157.664 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.9
254	0.2	0.1	0.1#





#72

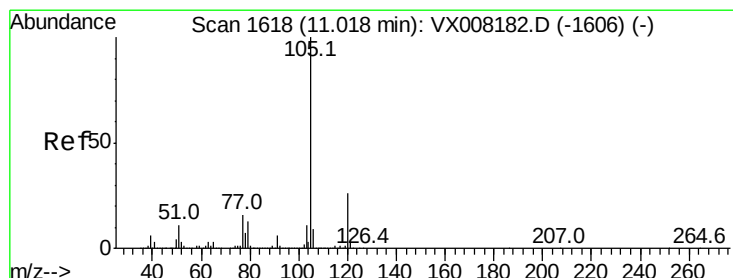
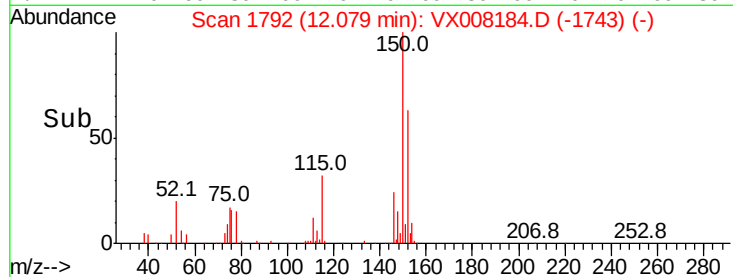
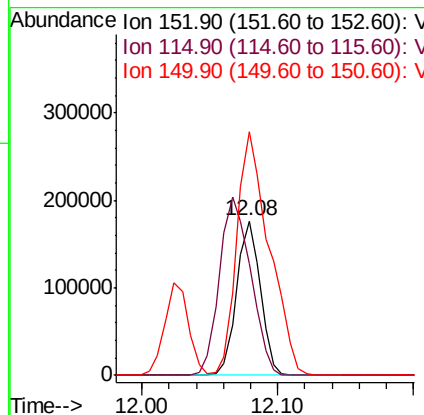
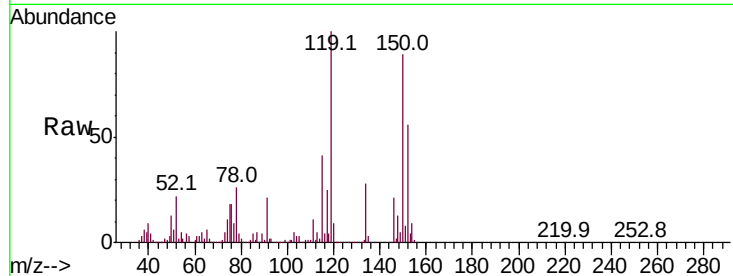
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
152	100		
115	152.0	38.6	115.7#
150	216.7	0.0	348.4

Manual Integrations
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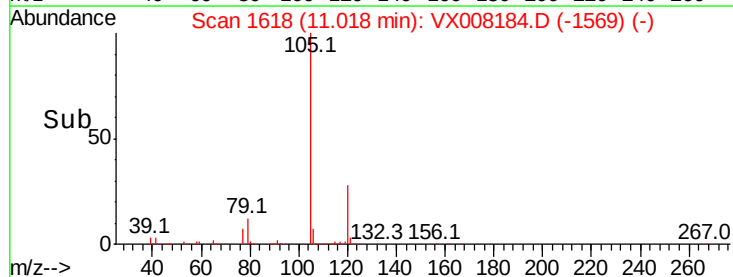
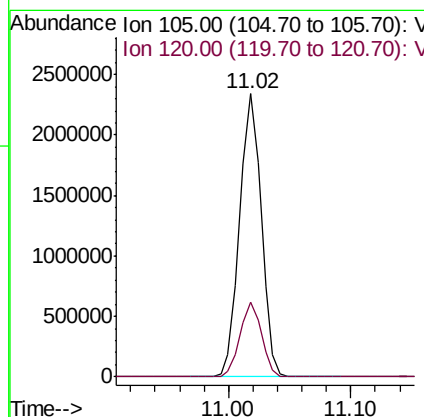
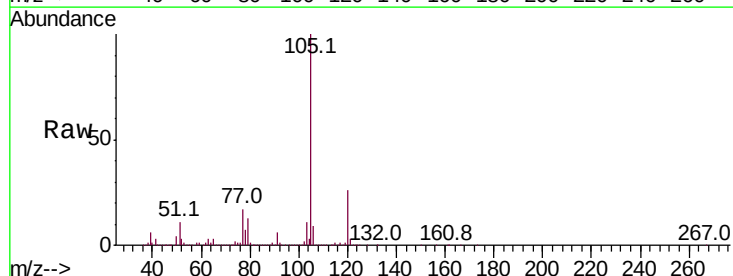
MMDadoda
3/20/2019 10:28:16 AM

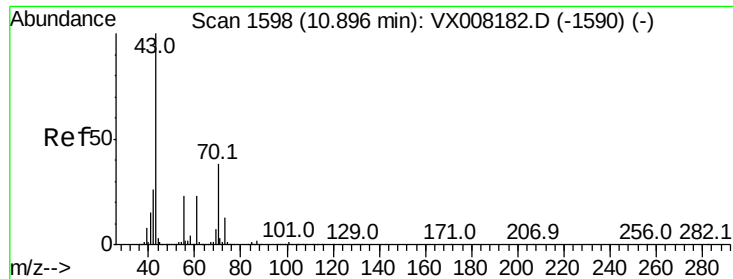


#73

Isopropylbenzene
Concen: 135.728 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.4	40.1





#74

N-amvl acetate

Concen: 143.618 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

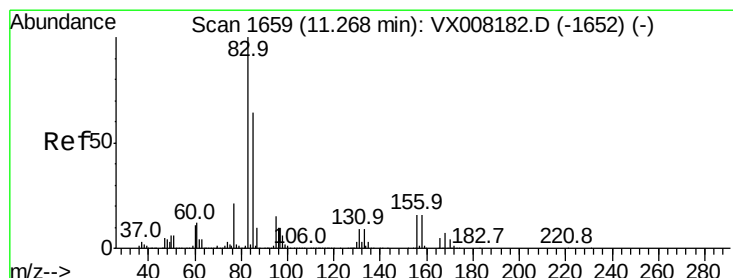
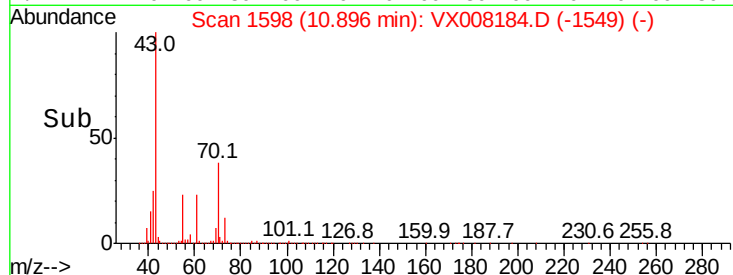
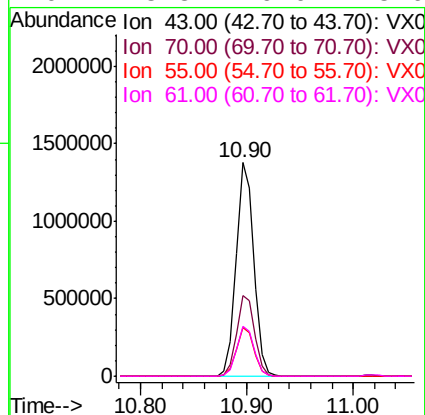
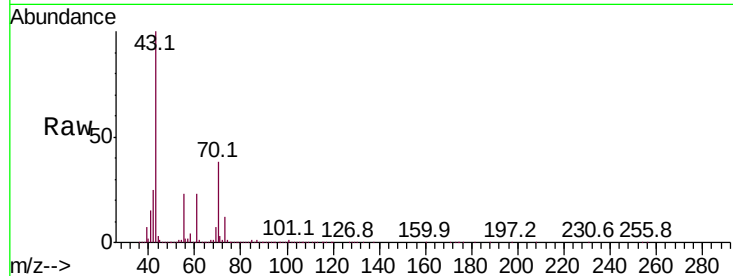
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	38.7	33.5	50.3	
55	22.8	19.2	28.8	
61	23.3	19.0	28.6	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 140.137 ug/l

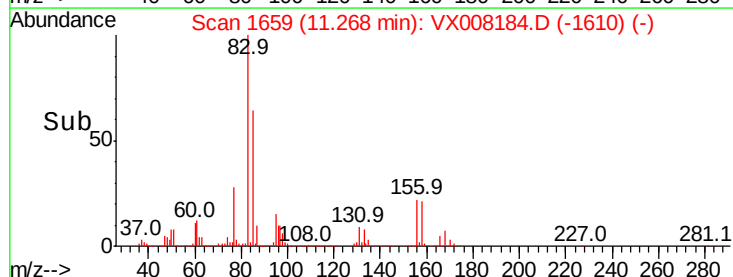
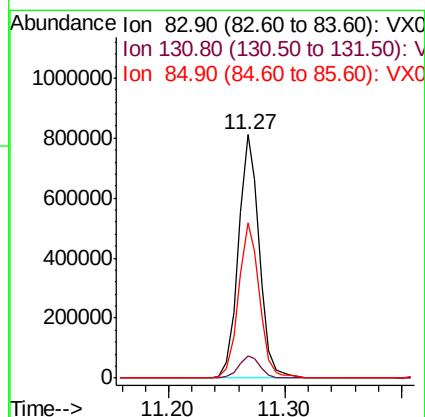
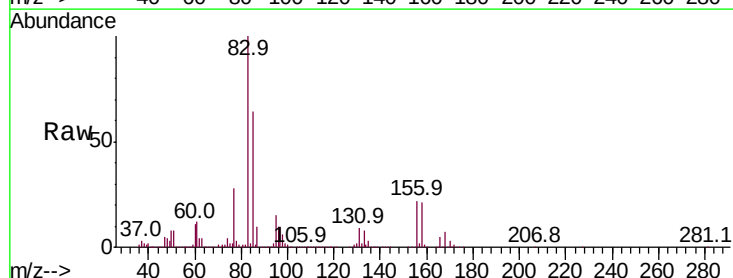
RT: 11.27 min Scan# 1659

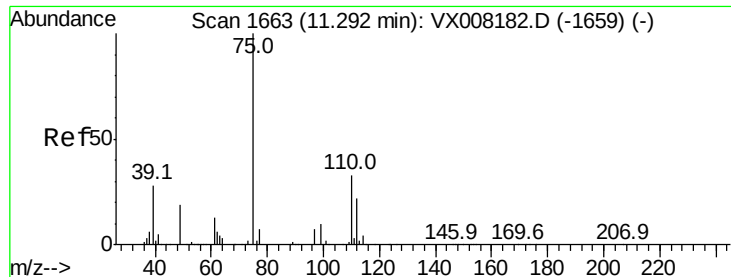
Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.2	5.4	16.2	
85	64.2	32.3	96.8	





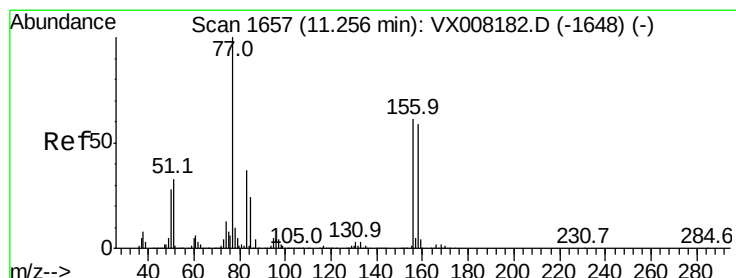
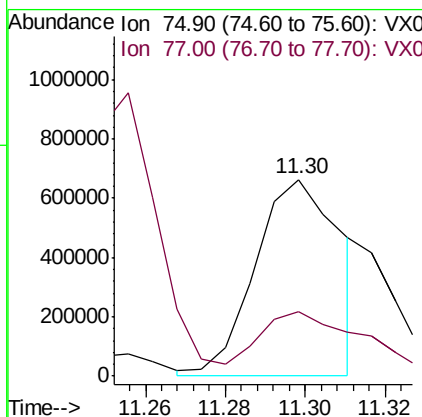
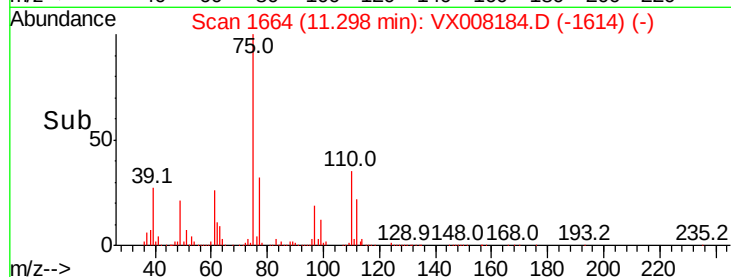
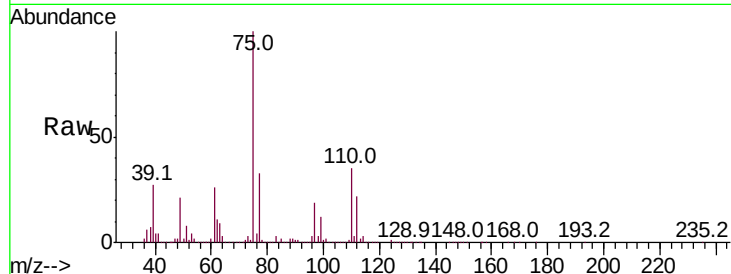
#76
1,2,3-Trichloropropane
Concen: 155.239 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 985885
Ion Ratio Lower Upper
75 100
77 40.1 18.9 56.7

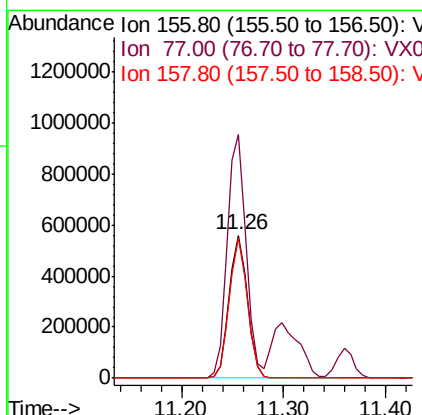
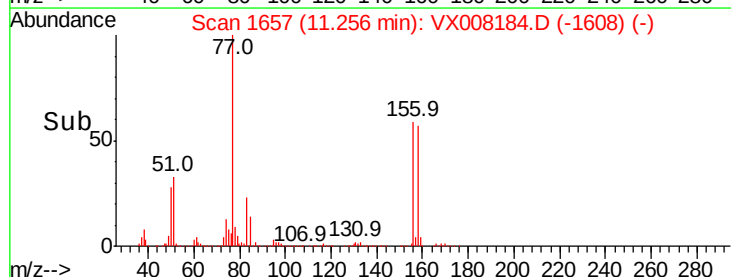
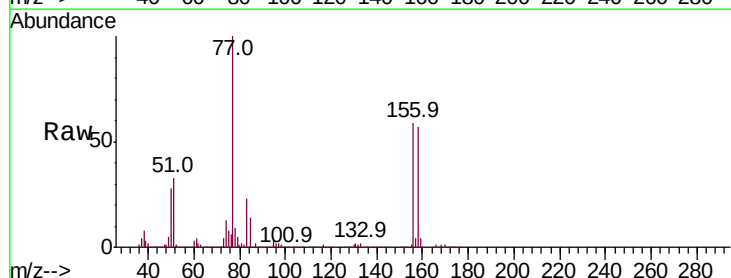
Manual Integrations
APPROVED

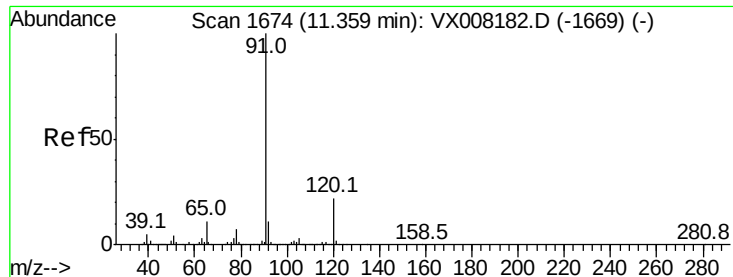
MMDadoda
3/20/2019 10:28:16 AM



#77
Bromobenzene
Concen: 139.810 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion: 156 Resp: 689618
Ion Ratio Lower Upper
156 100
77 176.0 72.0 215.9
158 96.5 48.6 145.9





#78

n-propylbenzene

Concen: 136.646 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3406323

Ion Ratio Lower Upper

91 100

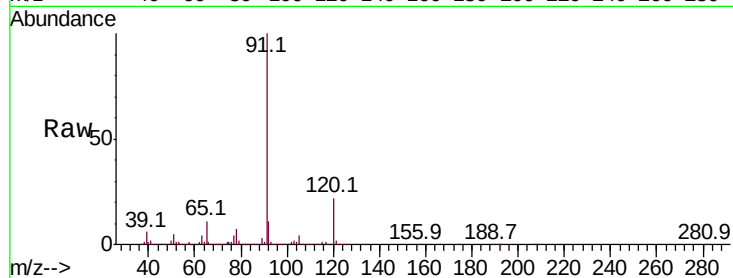
120 22.2 12.0 36.0

Manual Integrations

APPROVED

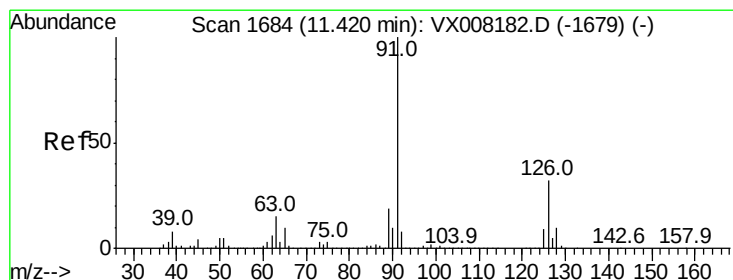
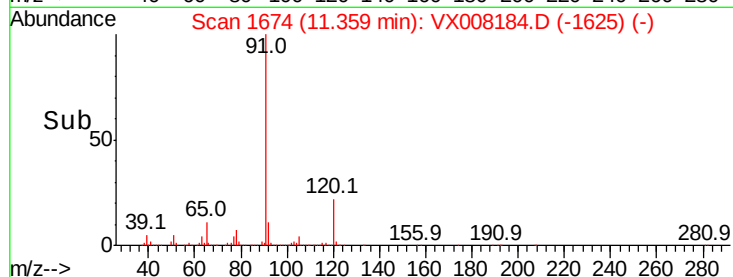
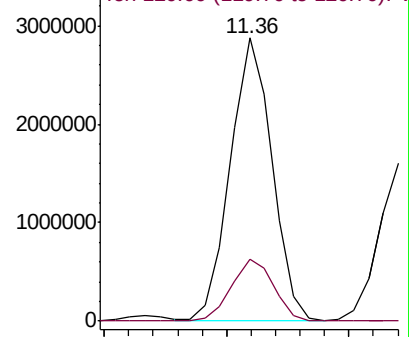
MMDadoda

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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: 136.838 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008184.D

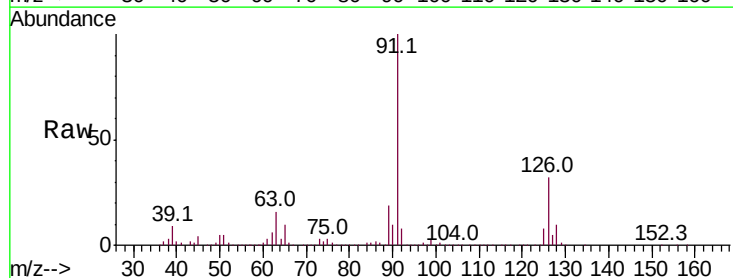
Acq: 19 Mar 2019 11:58

Tgt Ion: 91 Resp: 1981785

Ion Ratio Lower Upper

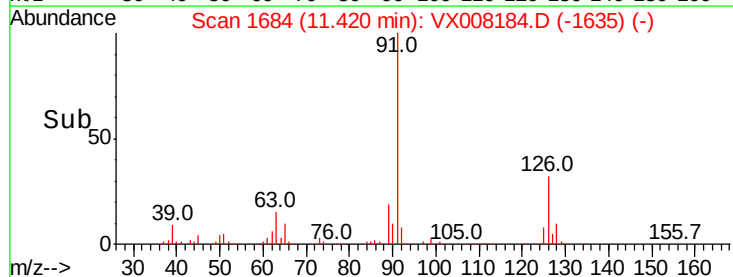
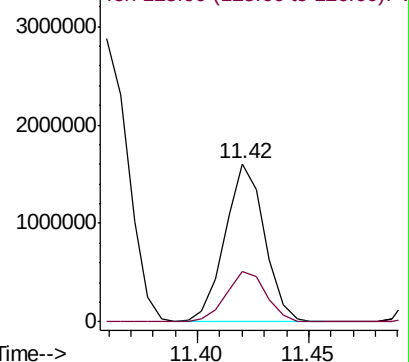
91 100

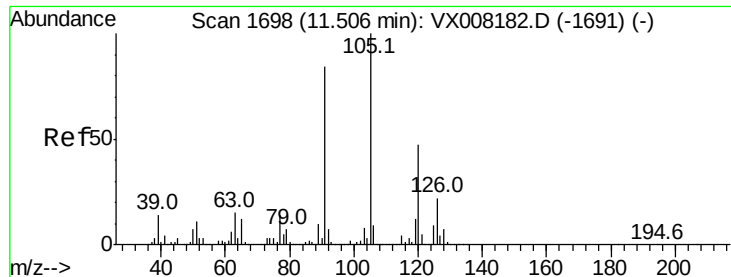
126 32.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





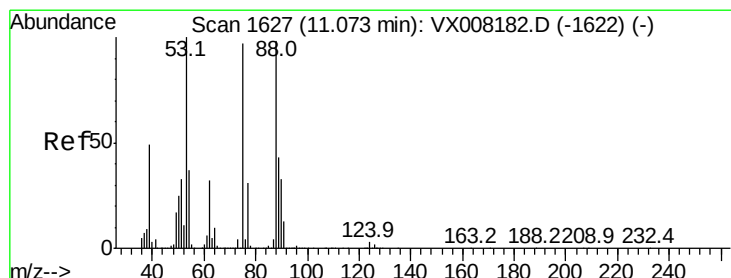
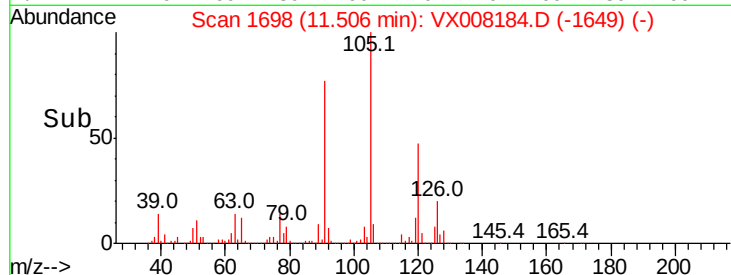
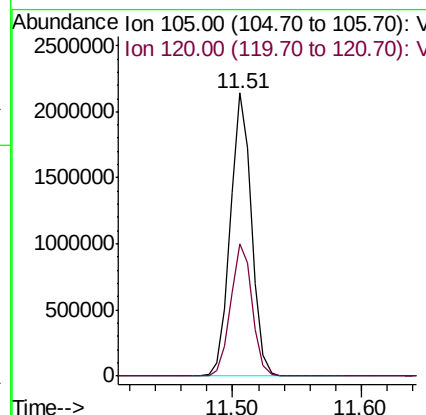
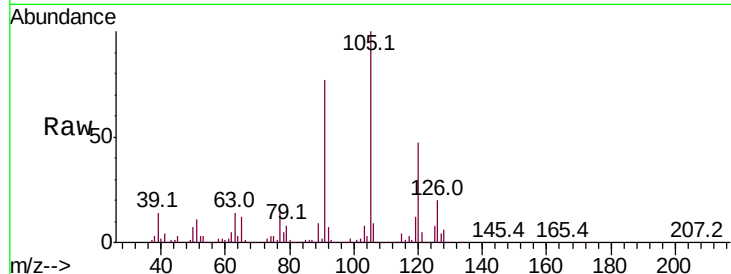
#80
 1,3,5-Trimethylbenzene
 Concen: 141.168 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2472161
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.9 74.6

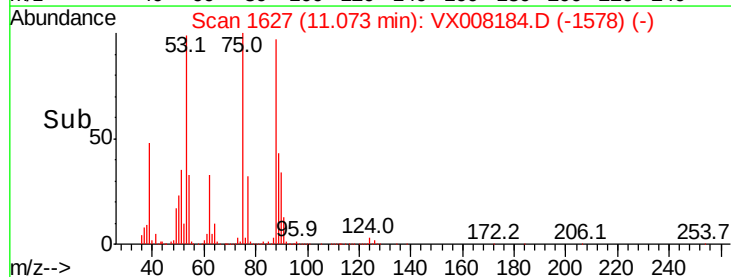
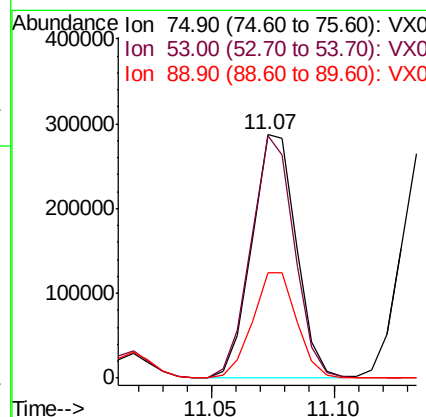
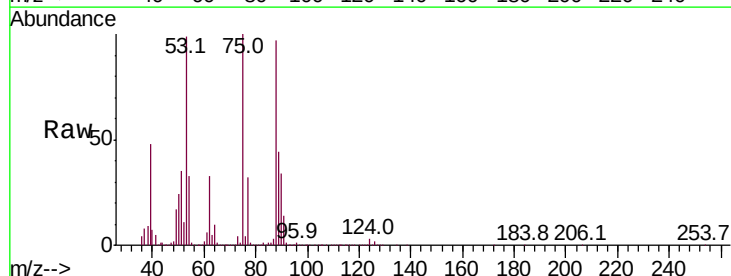
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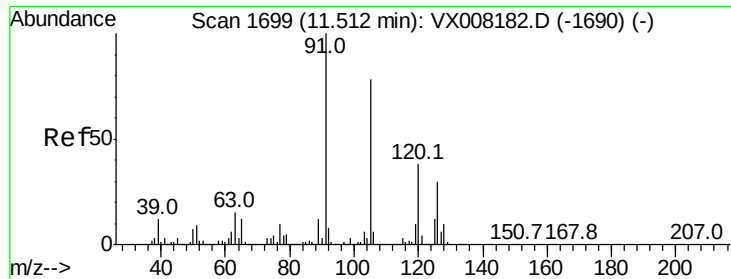
MMDadoda
 3/20/2019 10:28:16 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.669 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion: 75 Resp: 363139
 Ion Ratio Lower Upper
 75 100
 53 97.1 76.1 114.1
 89 43.5 36.3 54.5





#82

4-Chlorotoluene

Concen: 142.316 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2409351

Ion Ratio Lower Upper

91 100

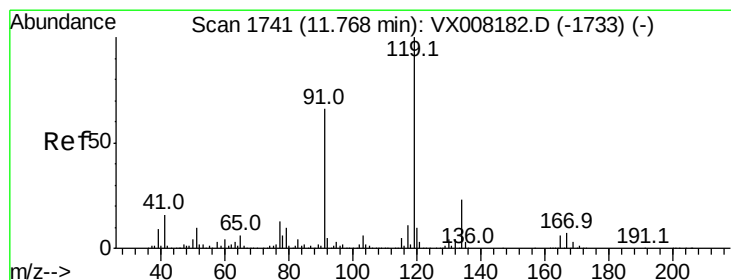
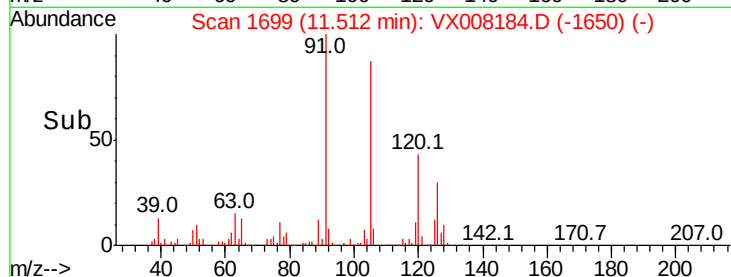
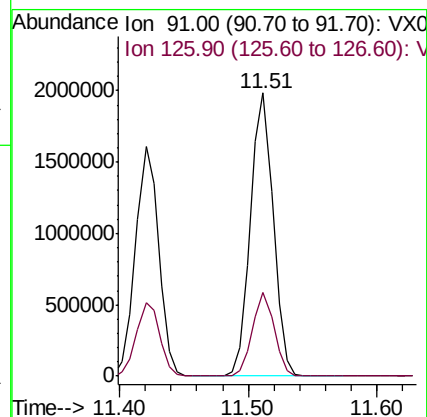
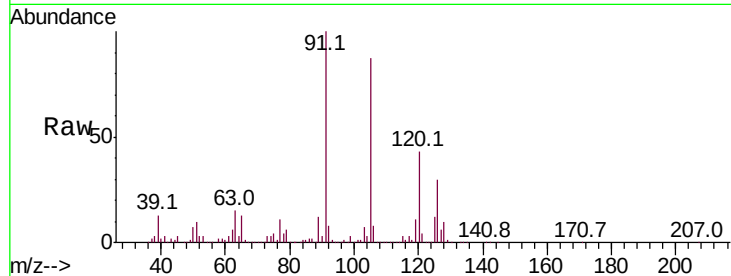
126 28.5 15.6 46.8

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#83

tert-Butylbenzene

Concen: 145.515 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

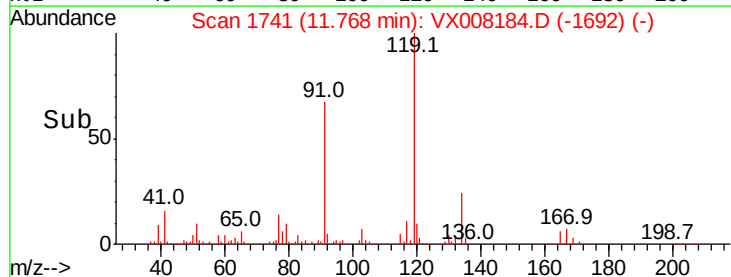
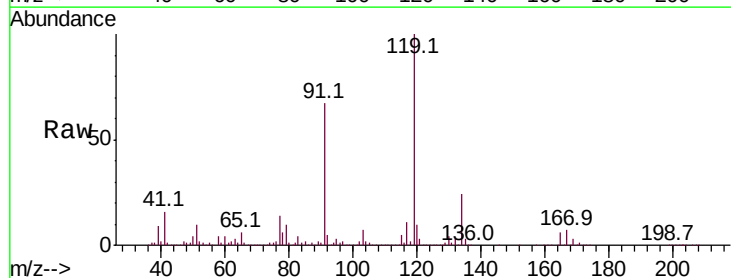
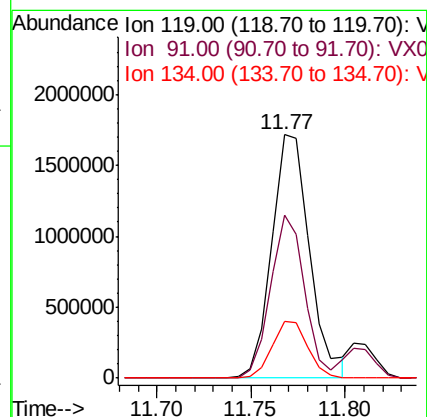
Tgt Ion: 119 Resp: 2393613

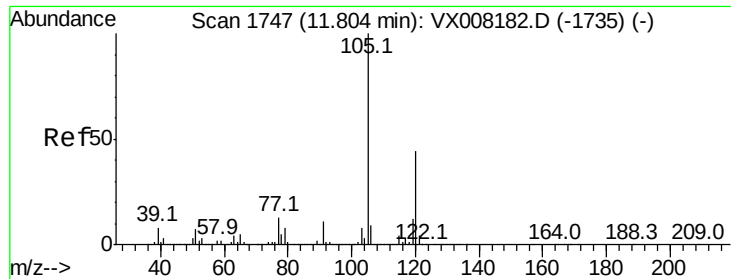
Ion Ratio Lower Upper

119 100

91 60.2 27.1 81.3

134 22.0 11.4 34.1





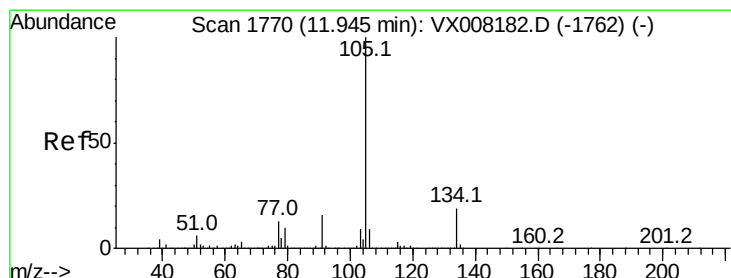
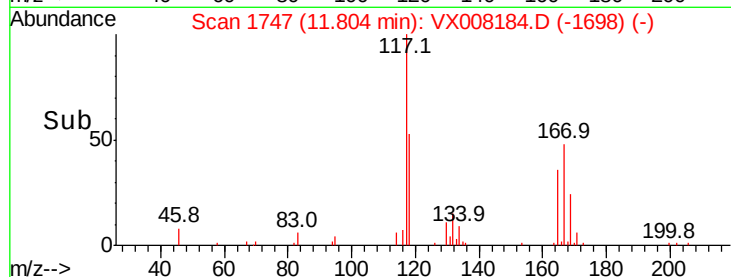
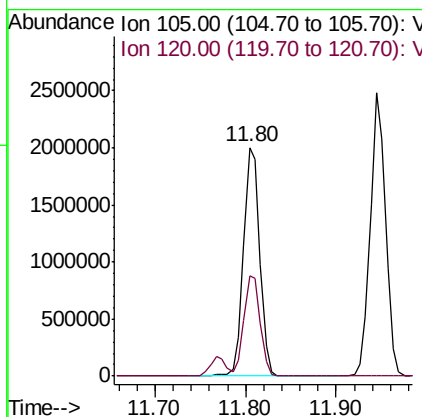
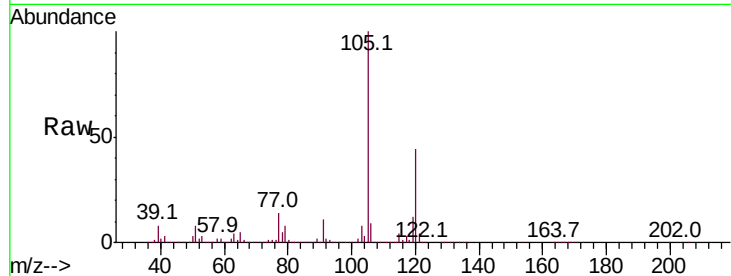
#84
 1,2,4-Trimethylbenzene
 Concen: 139.516 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2486896
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.6 67.7

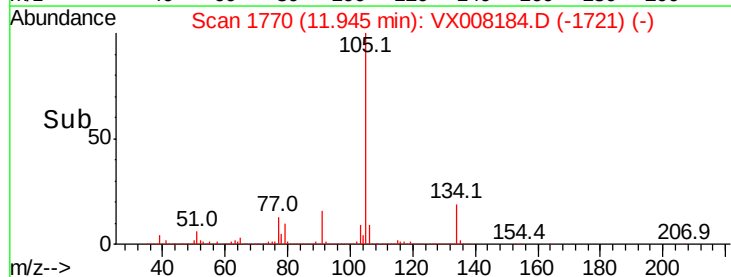
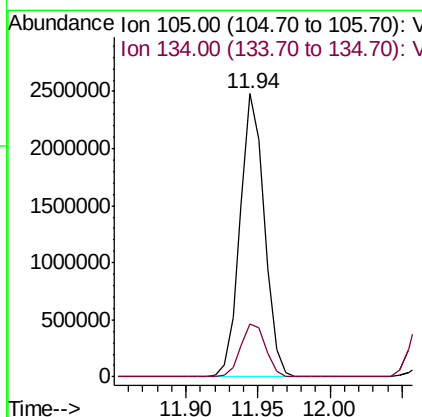
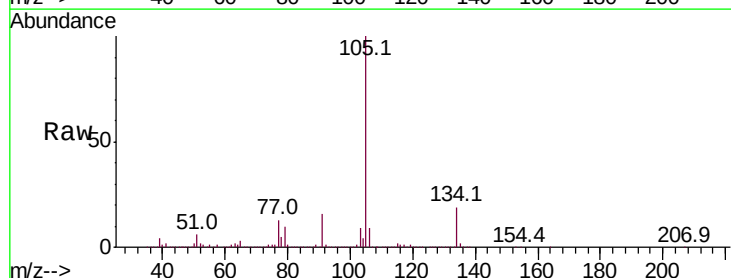
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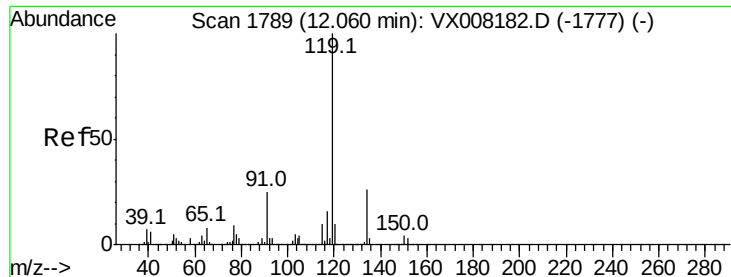
MMDadoda
 3/20/2019 10:28:16 AM



#85
 sec-Butylbenzene
 Concen: 139.633 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion:105 Resp: 2903419
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.2





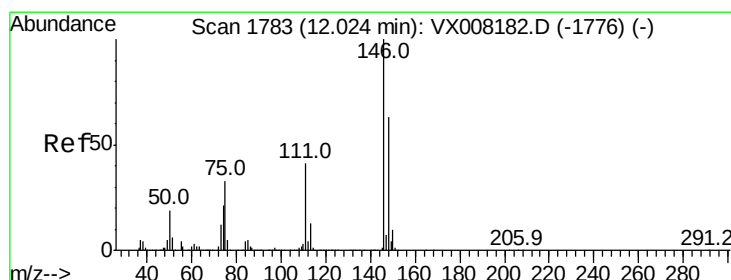
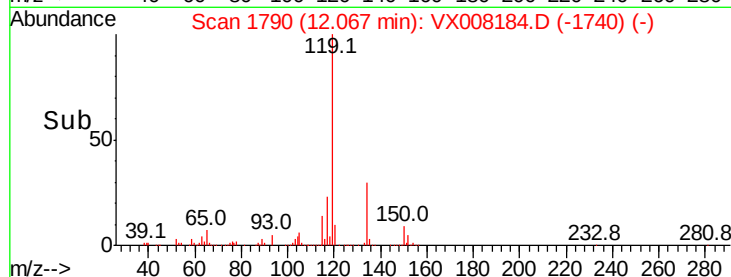
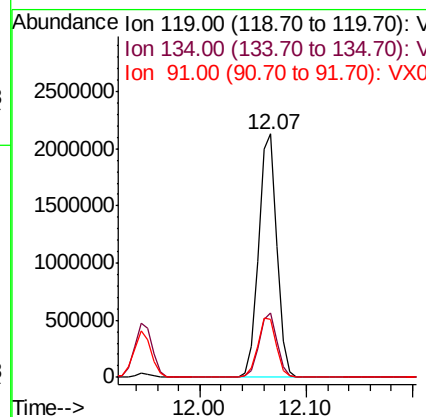
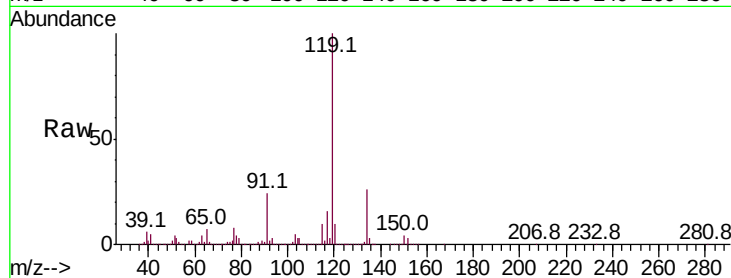
#86
p-Isopropyltoluene
Concen: 141.750 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.9
91	24.8	10.9	32.7

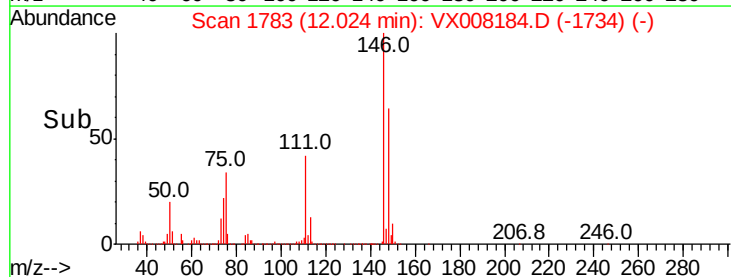
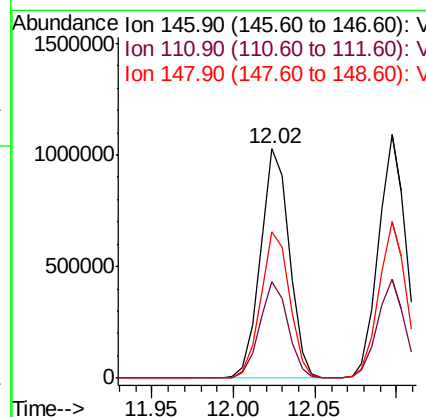
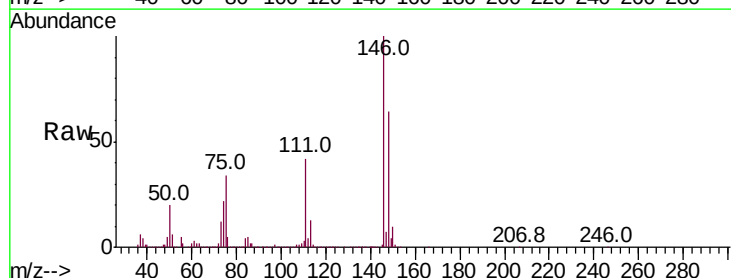
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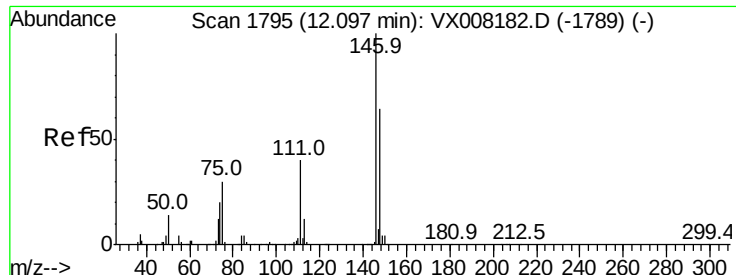
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#87
1,3-Dichlorobenzene
Concen: 143.545 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008184.D
Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.9	56.7
148	63.8	31.7	95.1





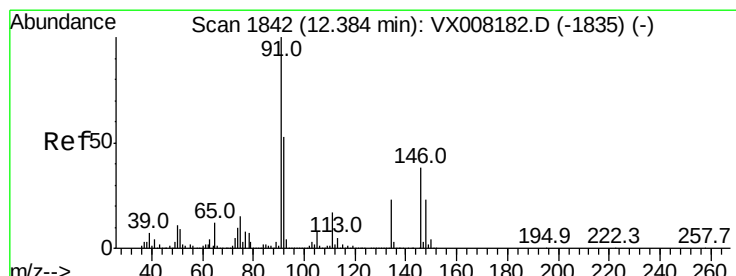
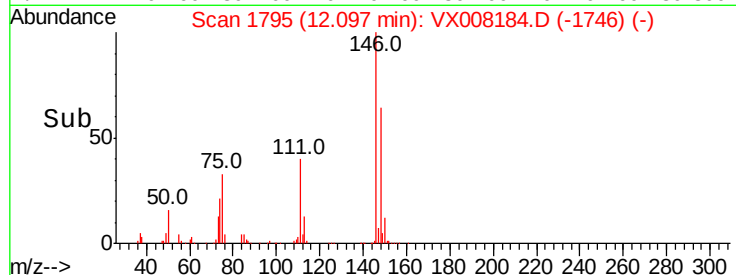
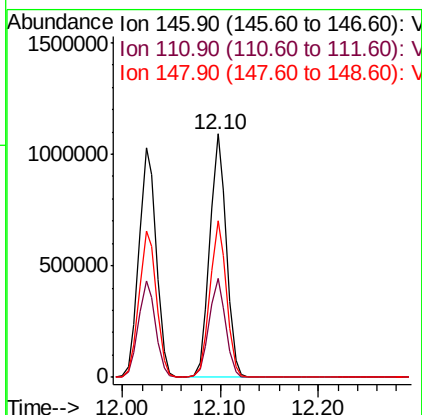
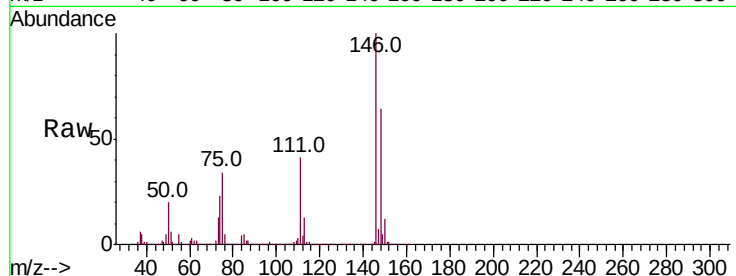
#88
 1,4-Dichlorobenzene
 Concen: 144.786 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.4	55.0
148	64.1	32.2	96.6

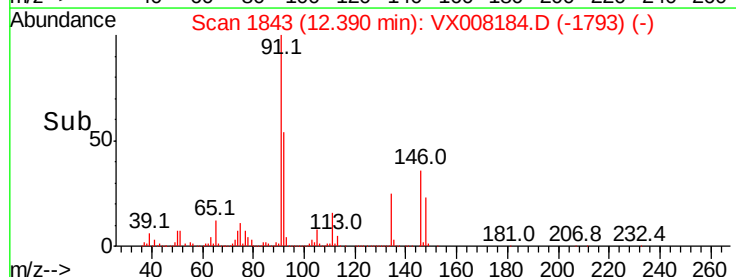
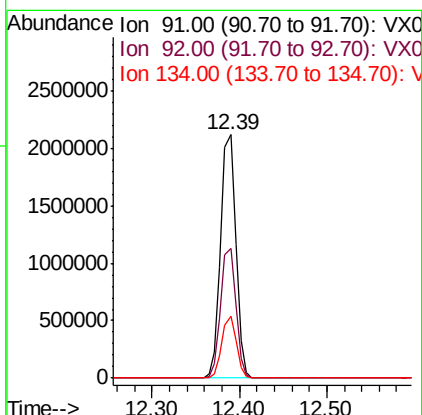
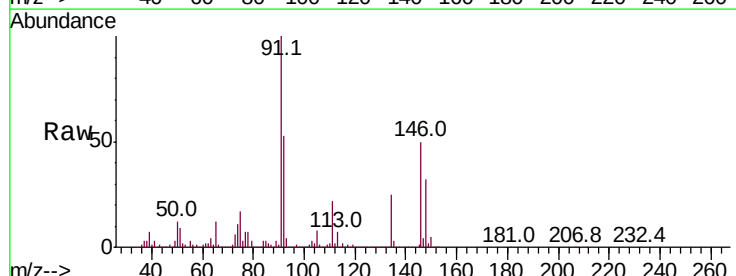
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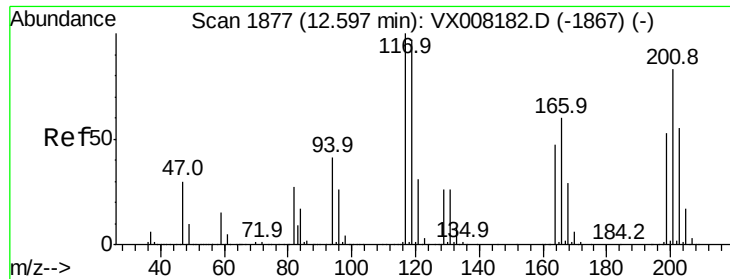
MMDadoda
 3/20/2019 10:28:16 AM



#89
 n-Butylbenzene
 Concen: 147.312 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	24.3	13.7	41.0





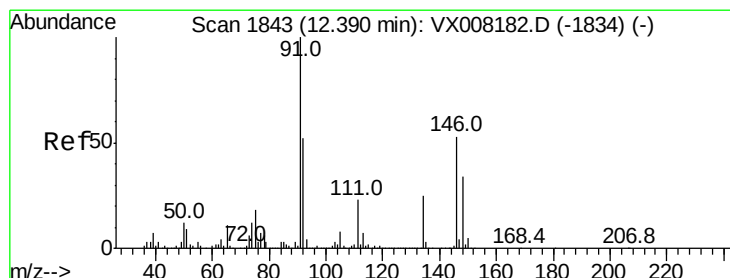
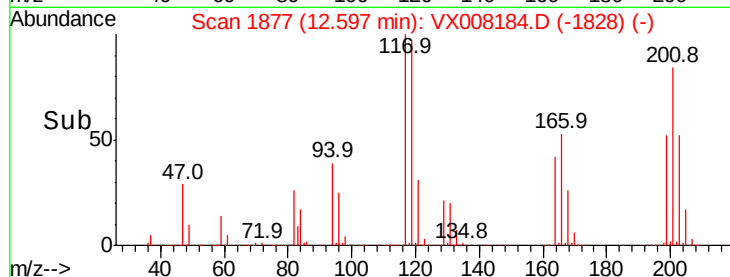
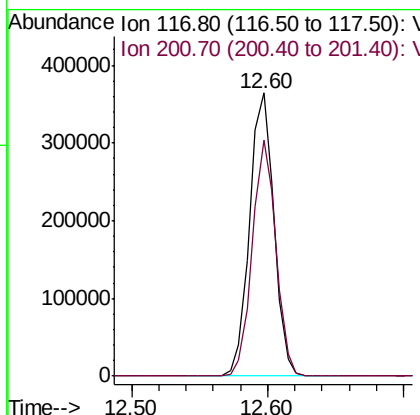
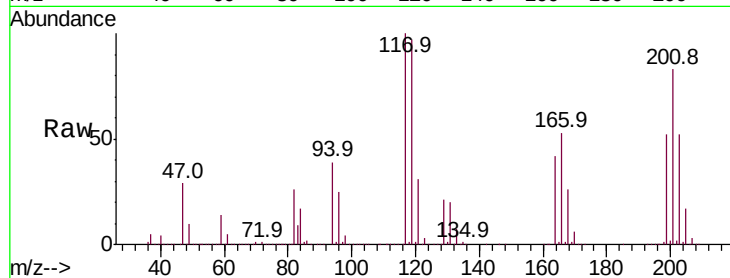
#90
 Hexachloroethane
 Concen: 148.200 ug/l
 RT: 12.60 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	459254		
201	81.0	48.9	146.7	

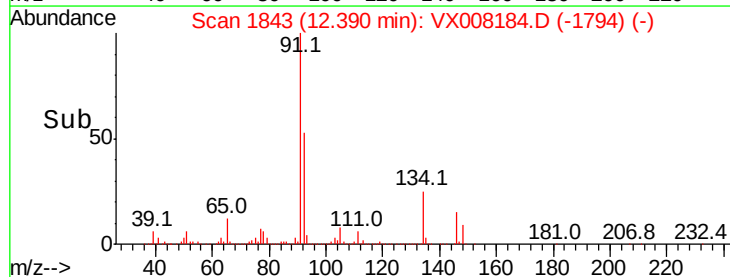
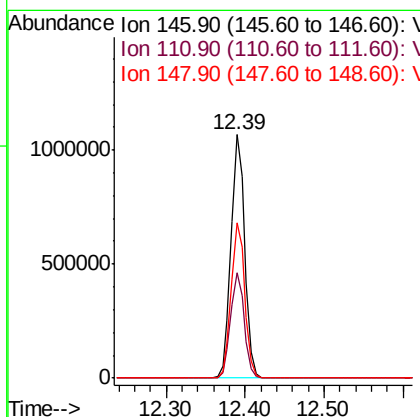
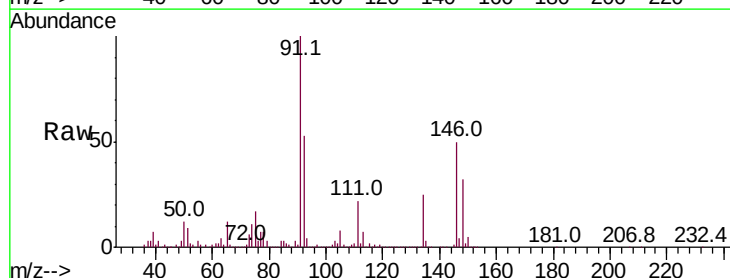
Manual Integrations
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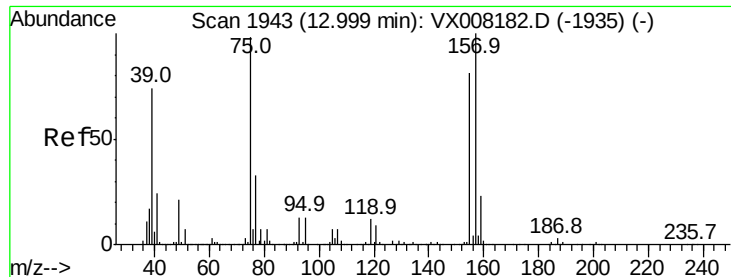
MMDadoda
 3/20/2019 10:28:16 AM



#91
 1,2-Dichlorobenzene
 Concen: 145.863 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1282311		
111	43.2	19.6	58.8	
148	63.9	31.9	95.5	





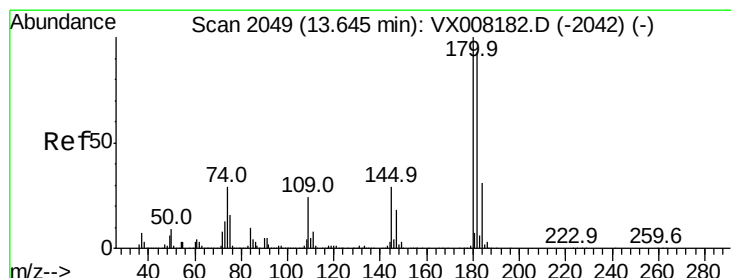
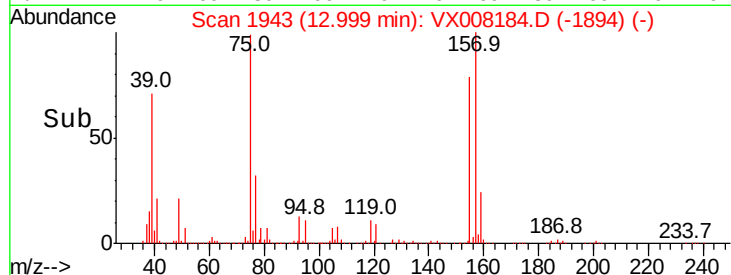
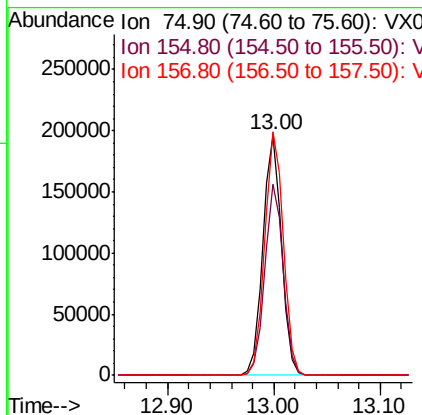
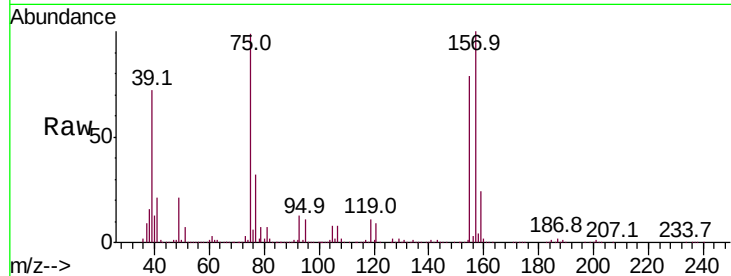
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 145.881 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	79.6	49.7	149.1
157	102.3	63.8	191.4

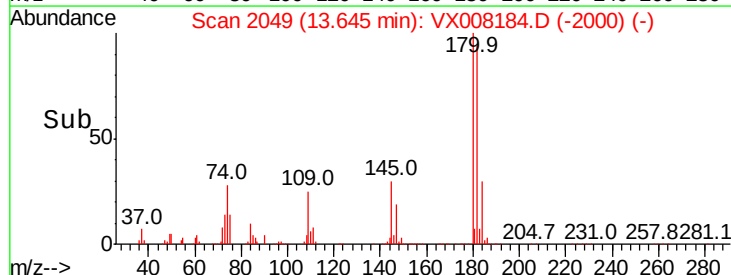
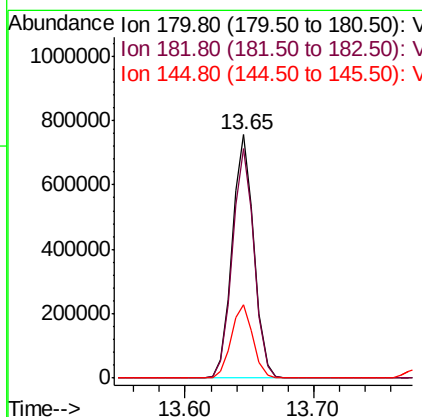
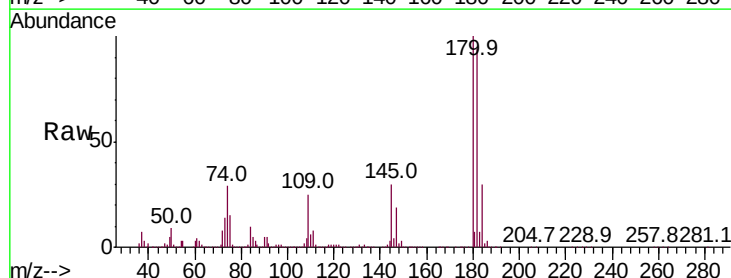
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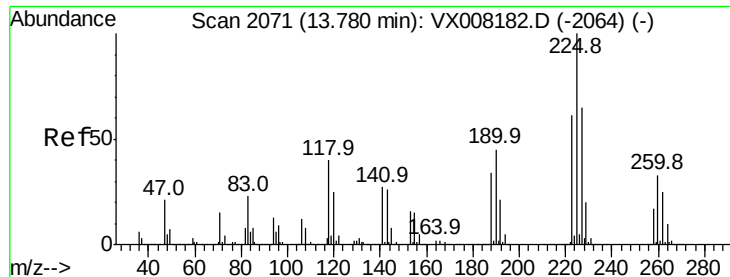
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#93
 1,2,4-Trichlorobenzene
 Concen: 149.914 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.9	143.7
145	30.1	14.1	42.4





#94

Hexachlorobutadiene

Concen: 144.925 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:225 Resp: 418479

Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

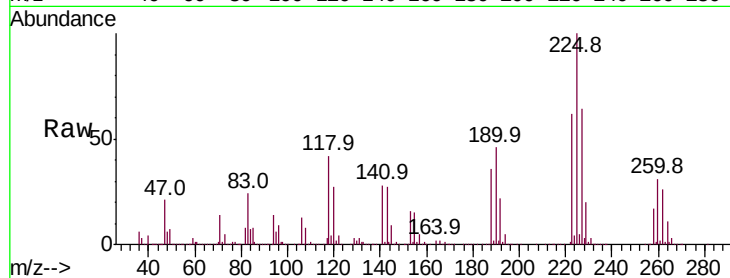
227 64.2 32.0 96.0

Manual Integrations

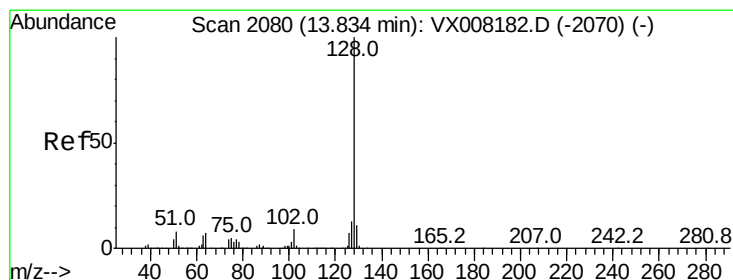
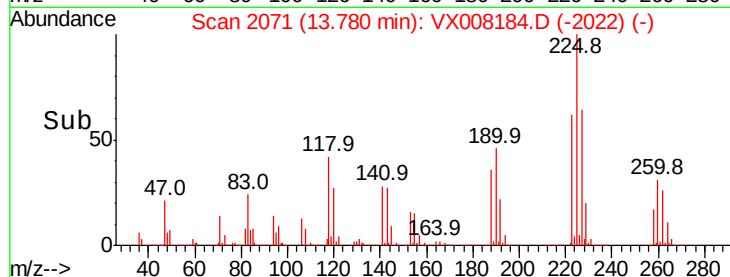
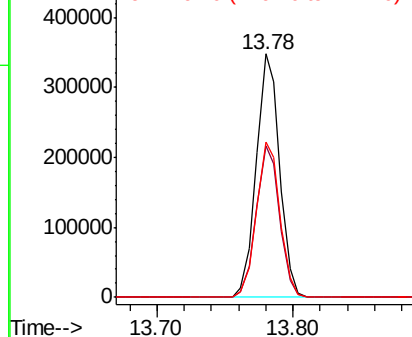
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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 145.922 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008184.D

Acq: 19 Mar 2019 11:58

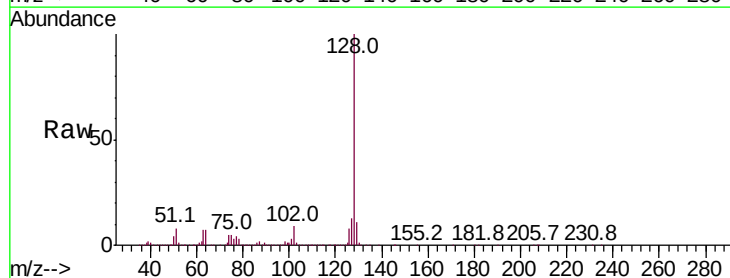
Tgt Ion:128 Resp: 2842992

Ion Ratio Lower Upper

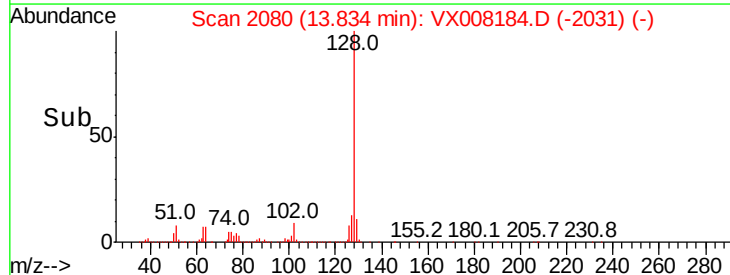
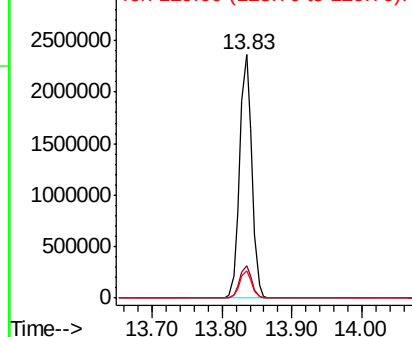
128 100

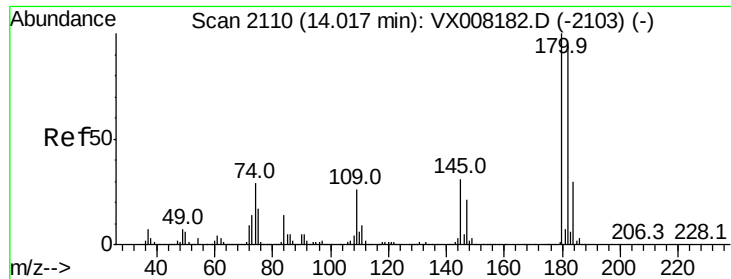
127 13.3 10.3 15.5

129 11.0 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: 148.808 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008184.D
 Acq: 19 Mar 2019 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.5	142.5	
145	31.8	14.8	44.3	

Manual Integrations
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