

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010879.D
 Acq On : 15 Jul 2019 13:09
 Operator : JC/SP
 Sample : VX0715WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:44:10 AM

Quant Time: Jul 16 03:14:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179417	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110384	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	101474	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	8.71	98	366755	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
62) 4-Bromofluorobenzene	11.13	95	140488	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35873	20.509	ug/l	97
3) Chloromethane	1.33	50	37352	18.339	ug/l	98
4) Vinyl Chloride	1.41	62	39594	17.749	ug/l	97
5) Bromomethane	1.64	94	21972	20.217	ug/l	94
6) Chloroethane	1.72	64	27135	20.617	ug/l	94
7) Trichlorofluoromethane	1.93	101	70449	19.921	ug/l	96
8) Diethyl Ether	2.19	74	24270	19.137	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40883	19.077	ug/l	100
10) Methyl Iodide	2.51	142	48772	15.947	ug/l	96
11) Tert butyl alcohol	3.04	59	48216	78.116	ug/l	95
12) 1,1-Dichloroethene	2.37	96	40222	18.445	ug/l	97
13) Acrolein	2.29	56	37587	91.796	ug/l	96
14) Allyl chloride	2.73	41	58162	18.786	ug/l	96
15) Acrylonitrile	3.14	53	115273	94.327	ug/l	99
16) Acetone	2.44	43	91365	77.284	ug/l	95
17) Carbon Disulfide	2.57	76	95218	16.275	ug/l	100
18) Methyl Acetate	2.78	43	49823	21.146	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	132765	19.353	ug/l	96
20) Methylene Chloride	2.85	84	46011	18.912	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42170	17.980	ug/l	97
22) Diisopropyl ether	3.85	45	126762	19.583	ug/l	97
23) Vinyl Acetate	3.81	43	539928	96.555	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71820	19.195	ug/l	99
25) 2-Butanone	4.67	43	152447	87.910	ug/l	98
26) 2,2-Dichloropropane	4.58	77	55607	17.108	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	49803	18.376	ug/l	96
28) Bromochloromethane	5.02	49	29791	16.653	ug/l	92
29) Tetrahydrofuran	5.13	42	98780	91.963	ug/l	99
30) Chloroform	5.21	83	78473	19.493	ug/l	98
31) Cyclohexane	5.58	56	63601	18.666	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	67327	18.940	ug/l	100
36) 1,1-Dichloropropene	5.80	75	55324	18.449	ug/l	98
37) Ethyl Acetate	4.84	43	56991	18.474	ug/l	98
38) Carbon Tetrachloride	5.79	117	57527	17.716	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68196	17.301	ug/l	92
40) Benzene	6.14	78	173479	18.569	ug/l	98
41) Methacrylonitrile	5.05	41	31800	18.787	ug/l	97
42) 1,2-Dichloroethane	6.20	62	59567	20.946	ug/l	97
43) Isopropyl Acetate	6.45	43	94474	18.510	ug/l	98
44) Trichloroethene	7.21	130	49773	17.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	44457	18.844	ug/l	97
46) Dibromomethane	7.66	93	32097	18.962	ug/l	94
47) Bromodichloromethane	7.90	83	56145	18.099	ug/l	99
48) Methyl methacrylate	7.77	41	47144	19.872	ug/l	96
49) 1,4-Dioxane	7.74	88	23376	342.037	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	312072	95.600	ug/l	99
52) Toluene	8.78	92	113656	18.474	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59666	17.156	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	66719	17.653	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	46832	18.457	ug/l	99
56) Ethyl methacrylate	9.18	69	71042	18.482	ug/l	96
57) 1,3-Dichloropropane	9.37	76	74065	18.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	155673	85.277	ug/l	99
59) 2-Hexanone	9.49	43	240791	93.724	ug/l	97
60) Dibromochloromethane	9.58	129	48631	17.118	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50628	18.486	ug/l	99
64) Tetrachloroethene	9.34	164	50612	18.051	ug/l	97
65) Chlorobenzene	10.13	112	127856	18.167	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46429	18.112	ug/l	98
67) Ethyl Benzene	10.25	91	217215	18.282	ug/l	100
68) m/p-Xylenes	10.36	106	167443	36.372	ug/l	97
69) o-Xylene	10.69	106	83429	18.428	ug/l	100
70) Styrene	10.71	104	140015	18.442	ug/l	98
71) Bromoform	10.85	173	35658	15.995	ug/l #	100
73) Isopropylbenzene	11.02	105	219514	18.049	ug/l	98
74) N-amyl acetate	10.90	43	88195	19.188	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	71814	17.830	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59797m	18.290	ug/l	
77) Bromobenzene	11.26	156	59182	17.427	ug/l	96
78) n-propylbenzene	11.36	91	244409	18.285	ug/l	98
79) 2-Chlorotoluene	11.42	91	146060	18.350	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	185644	18.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19117	13.641	ug/l #	85
82) 4-Chlorotoluene	11.51	91	166180	18.348	ug/l	100
83) tert-Butylbenzene	11.77	119	182110	18.097	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	184443	18.310	ug/l	100
85) sec-Butylbenzene	11.94	105	214986	18.195	ug/l	99
86) p-Isopropyltoluene	12.06	119	195978	17.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	103149	17.400	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105233	17.437	ug/l	99
89) n-Butylbenzene	12.38	91	164254	17.686	ug/l	99
90) Hexachloroethane	12.59	117	29679	15.705	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	106760	18.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15332	17.655	ug/l	87

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ClientSampleId :
VX0715WBS01

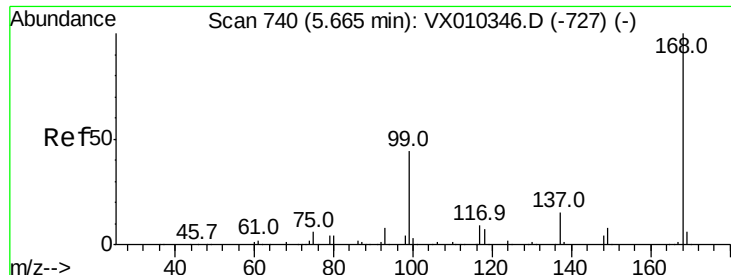
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71494	17.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	34187	17.120	ug/l	99
95) Naphthalene	13.83	128	225284	17.942	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	72359	17.812	ug/l	98

(#) = 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: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion:168 Resp: 251586

Ion Ratio Lower Upper

168 100

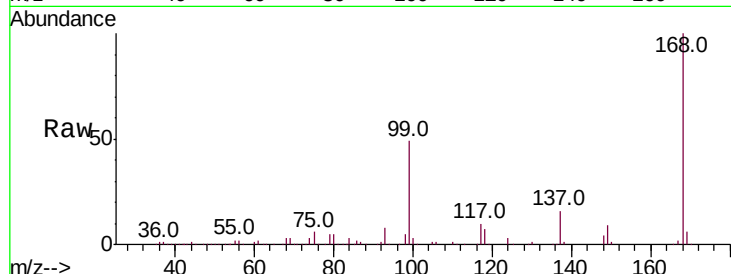
99 49.1 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

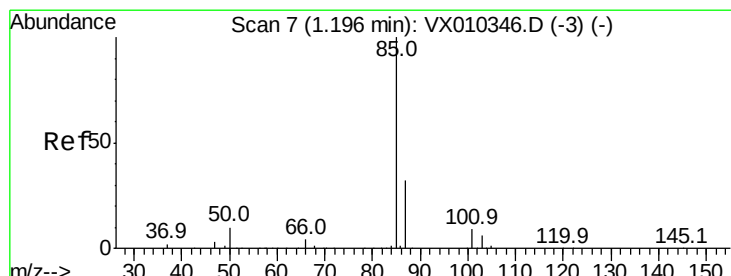
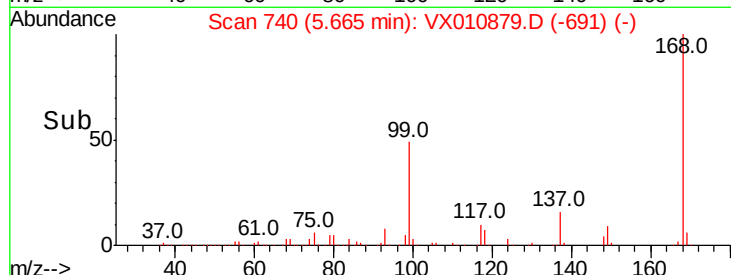
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.509 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010879.D

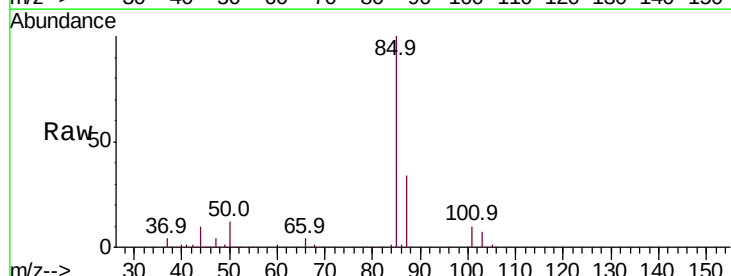
Acq: 15 Jul 2019 13:09

Tgt Ion: 85 Resp: 35873

Ion Ratio Lower Upper

85 100

87 34.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

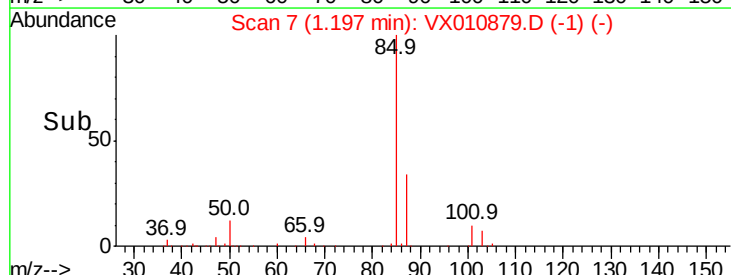
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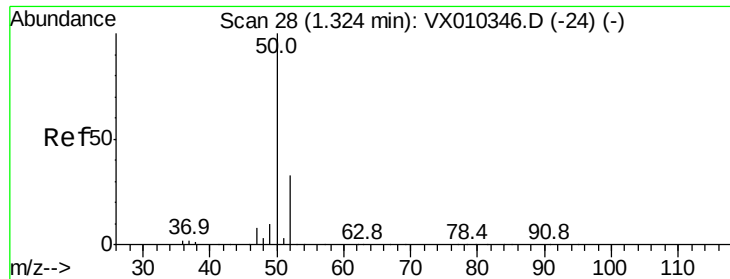
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.339 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 50 Resp: 37352

Ion Ratio Lower Upper

50 100

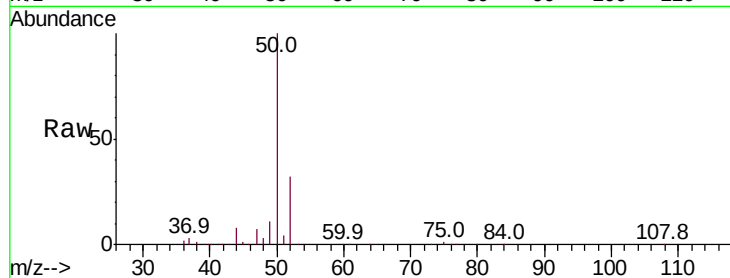
52 31.7 26.5 39.7

Manual Integrations

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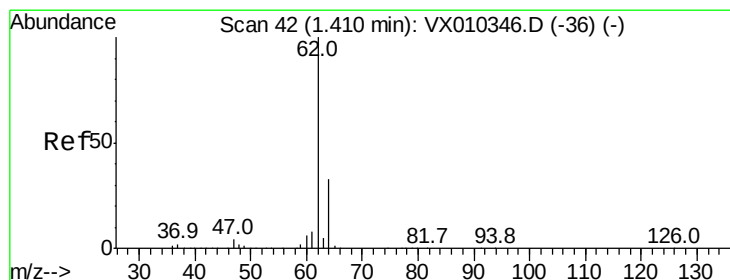
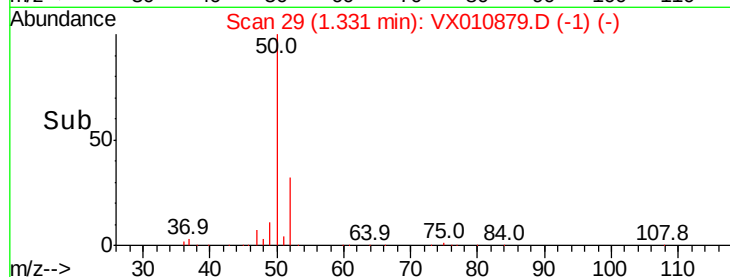
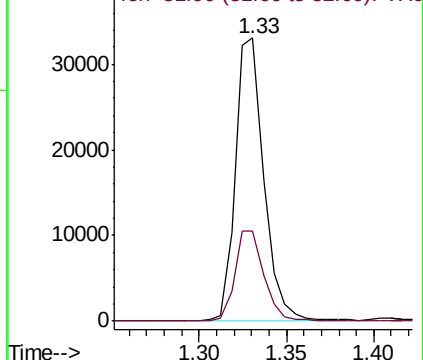
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.749 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010879.D

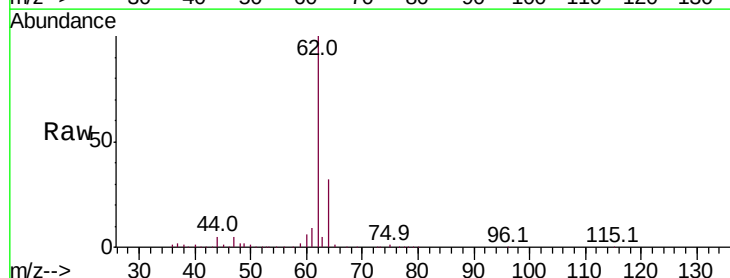
Acq: 15 Jul 2019 13:09

Tgt Ion: 62 Resp: 39594

Ion Ratio Lower Upper

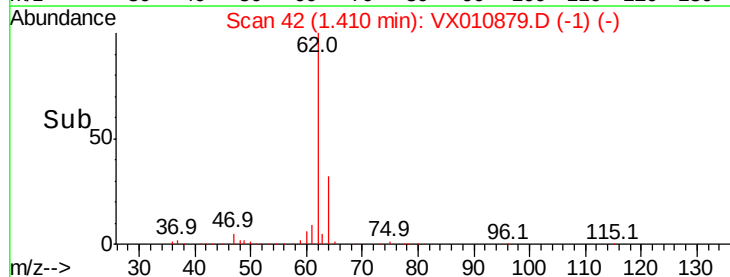
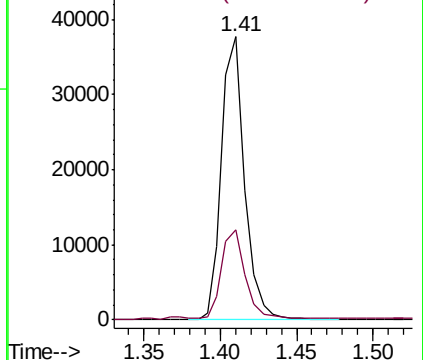
62 100

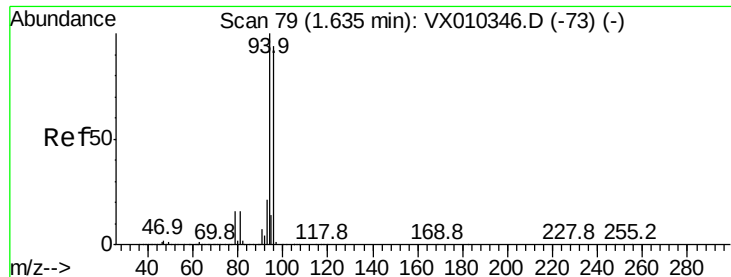
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.217 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 94 Resp: 21972

Ion Ratio Lower Upper

94 100

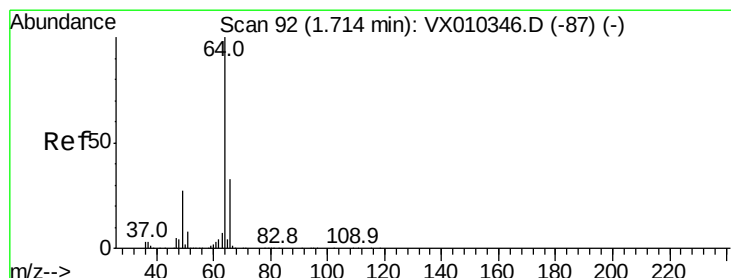
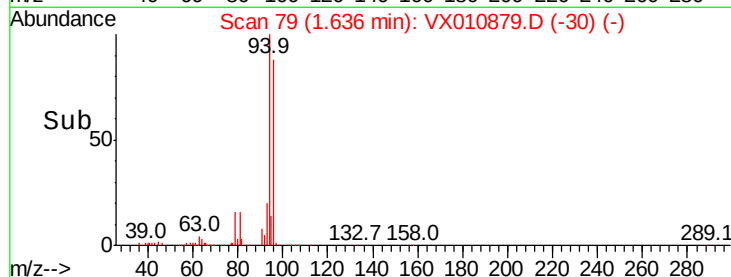
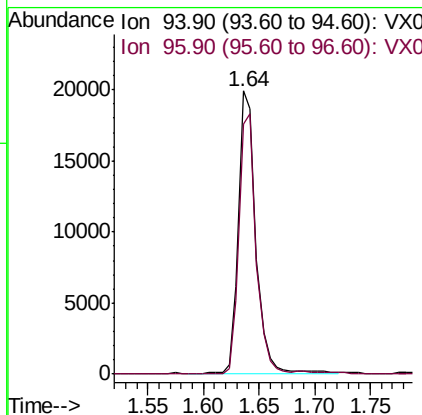
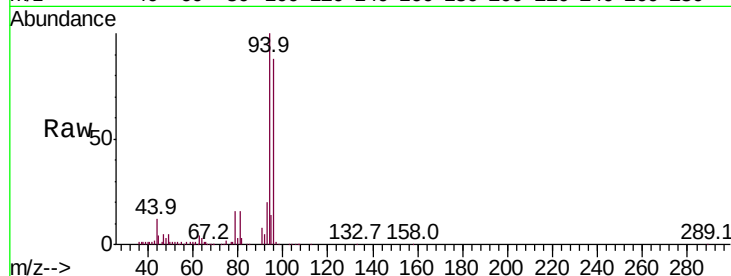
96 88.1 75.5 113.3

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#6

Chloroethane

Concen: 20.617 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010879.D

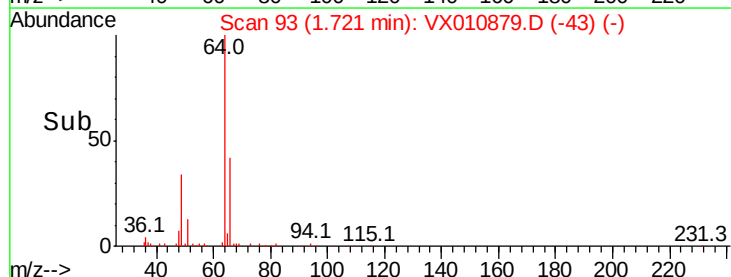
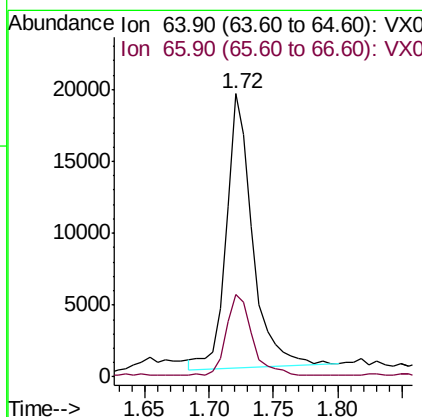
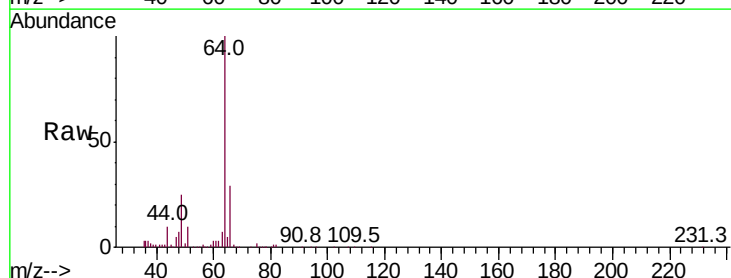
Acq: 15 Jul 2019 13:09

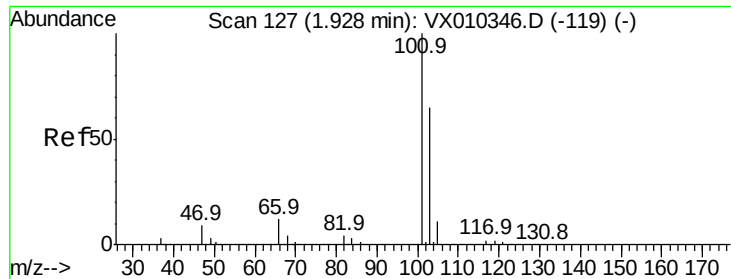
Tgt Ion: 64 Resp: 27135

Ion Ratio Lower Upper

64 100

66 29.8 26.6 40.0





#7

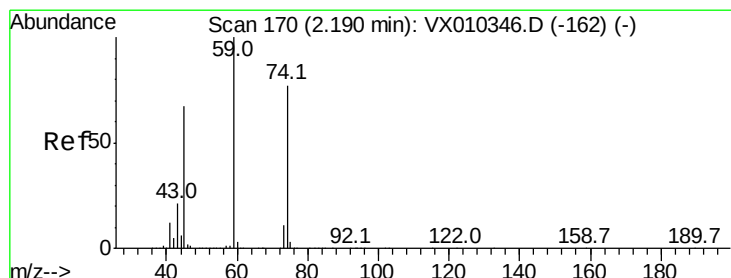
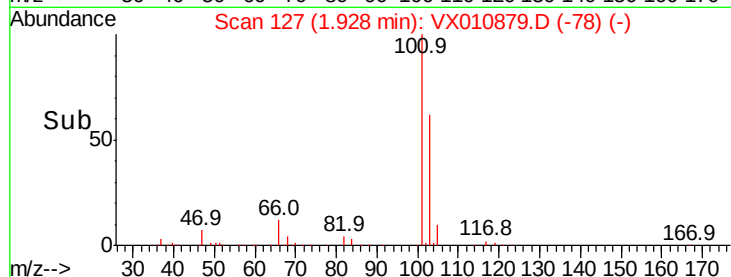
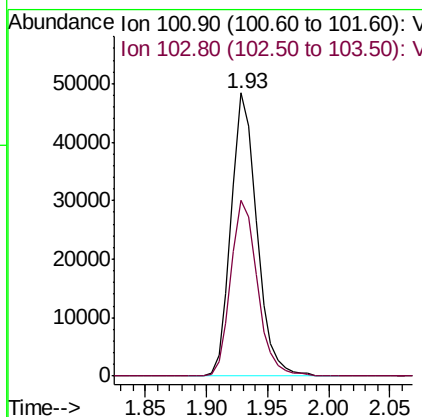
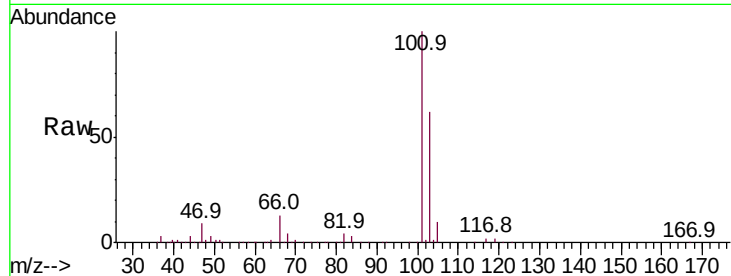
Trichlorofluoromethane
Concen: 19.921 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

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ClientSampleId :
VX0715WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.3	78.5

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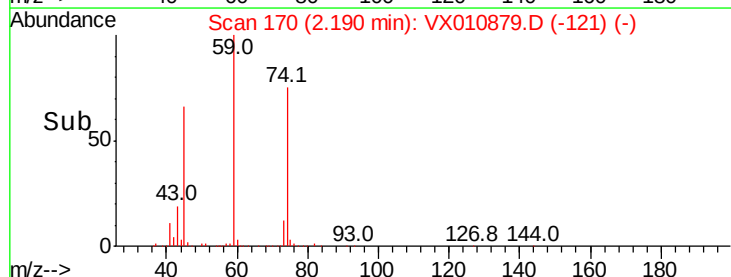
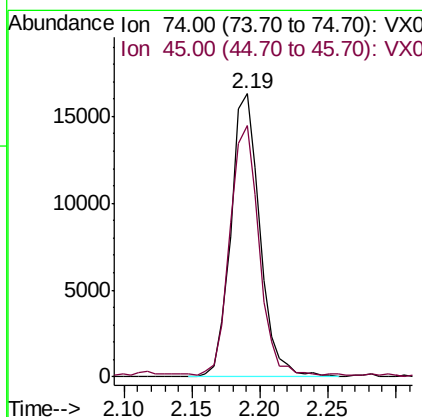
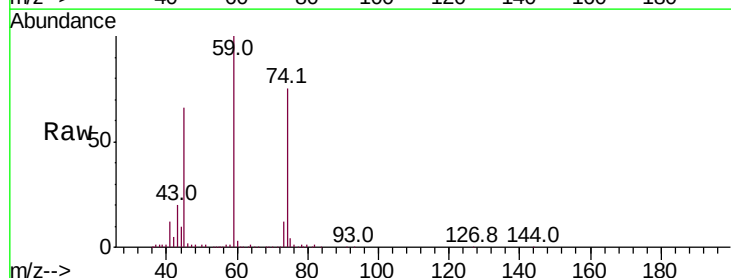
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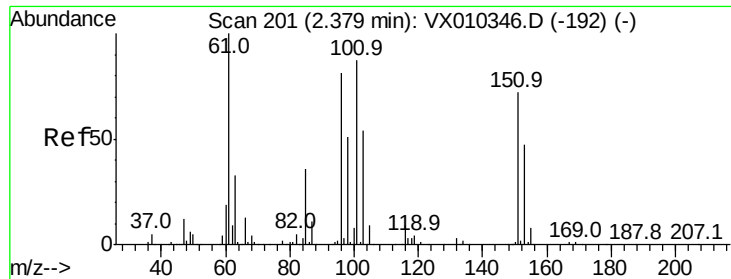


#8

Diethyl Ether
Concen: 19.137 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.077 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

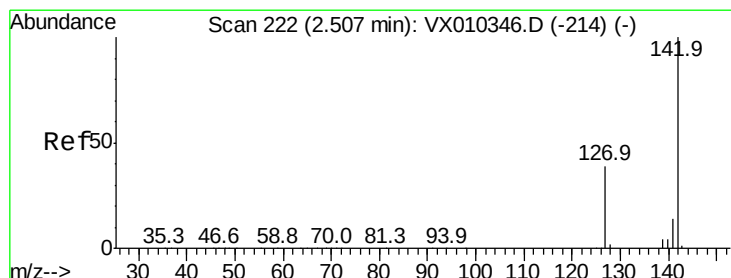
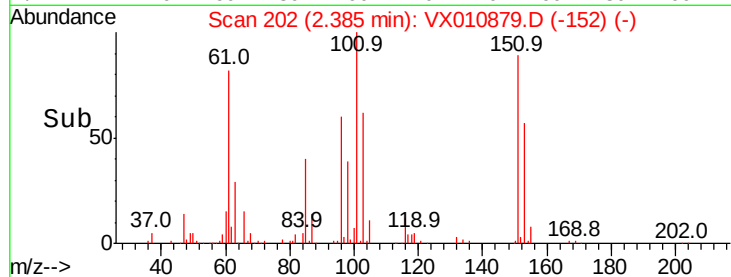
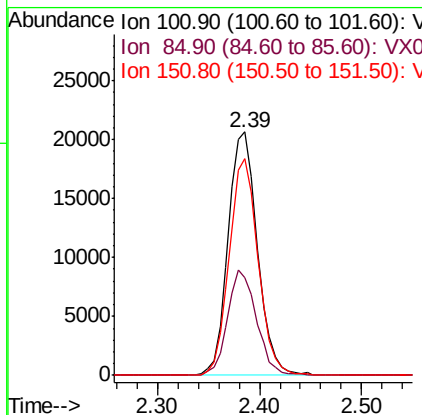
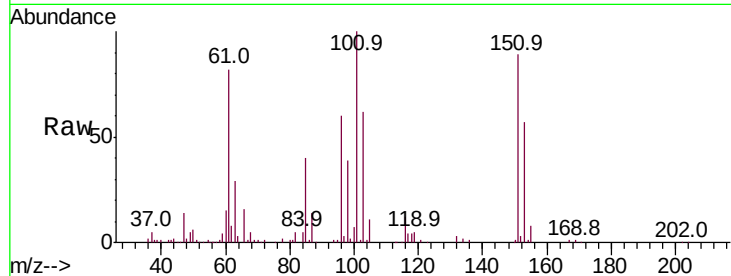
ClientSampleId :

VX0715WBS01

Tot Ion:	101	Resp:	40883
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.7	50.5
151	87.7	70.1	105.1

Manual Integrations
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7/16/2019 10:44:10 AM



#10

Methyl Iodide

Concen: 15.947 ug/l

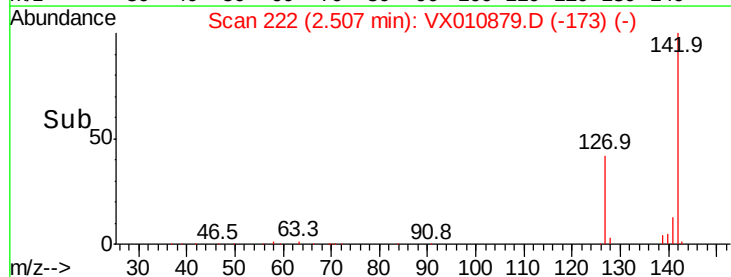
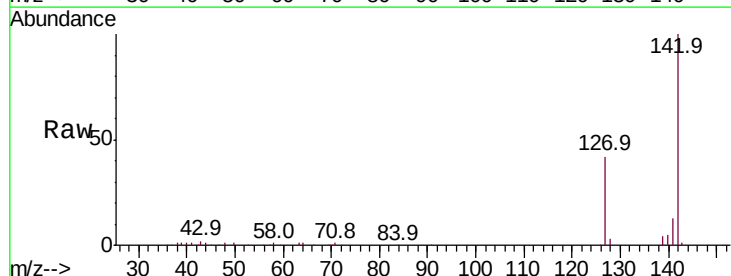
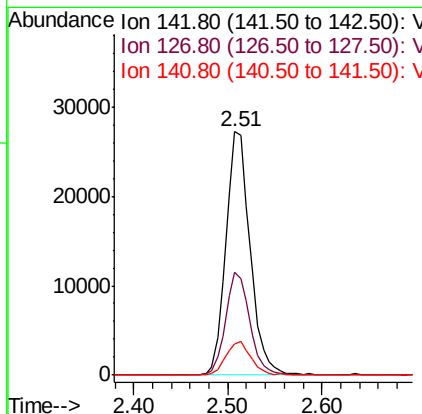
RT: 2.51 min Scan# 222

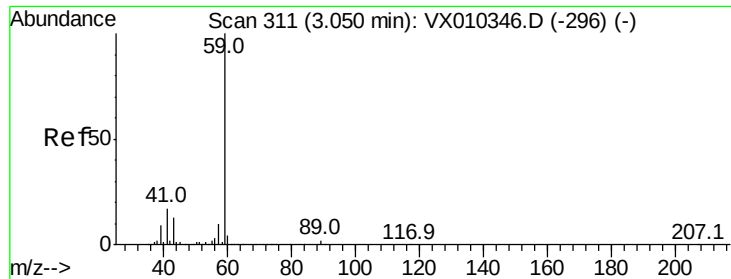
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	142	Resp:	48772
Ion Ratio	Lower	Upper	
142	100		
127	42.0	31.1	46.7
141	14.2	11.2	16.8





#11

Tert butyl alcohol

Concen: 78.116 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

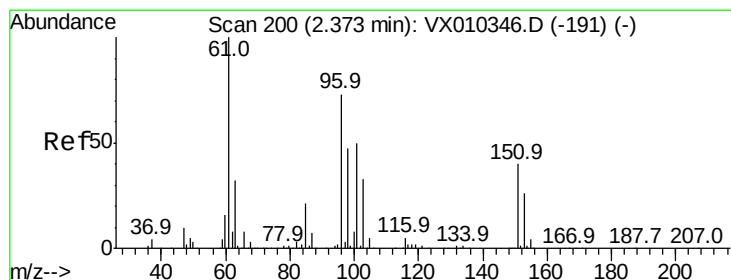
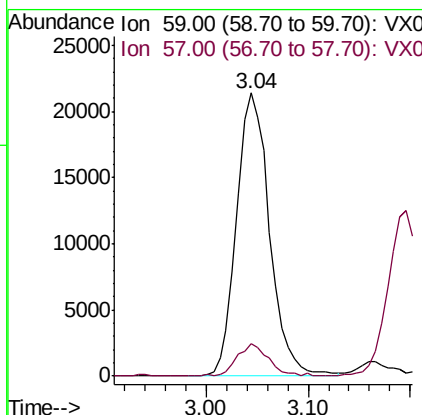
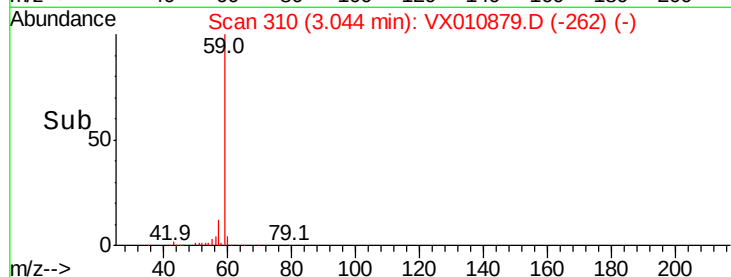
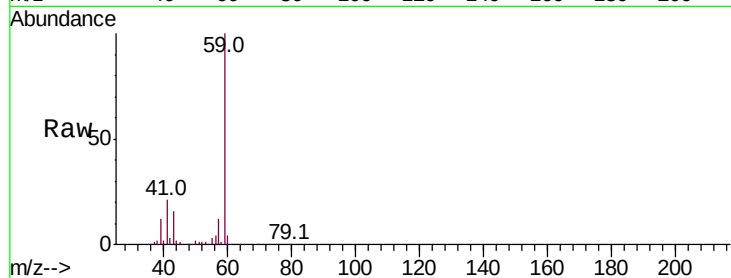
Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion: 59 Resp: 48216

Ion	Ratio	Lower	Upper
59	100		
57	11.3	7.7	11.5

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 18.445 ug/l

RT: 2.37 min Scan# 200

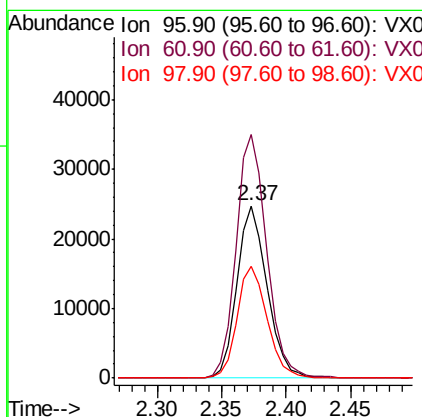
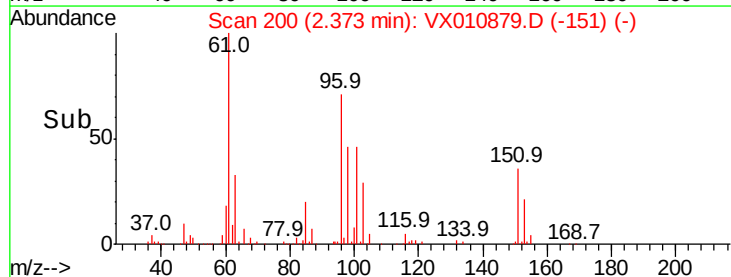
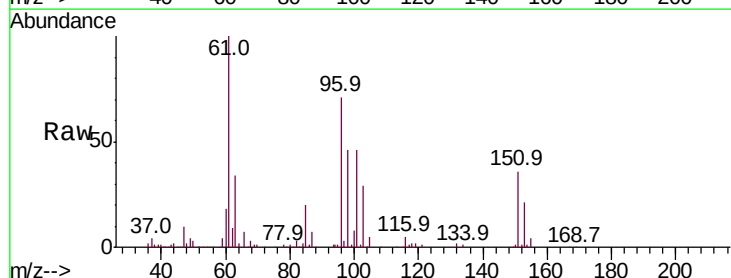
Delta R.T. 0.00 min

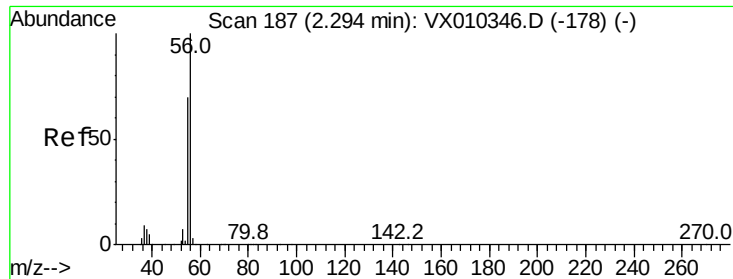
Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion: 96 Resp: 40222

Ion	Ratio	Lower	Upper
96	100		
61	141.2	109.2	163.8
98	64.5	51.1	76.7





#13

Acrolein

Concen: 91.796 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS01

Tot Ion: 56 Resp: 37587

Ion Ratio Lower Upper

56 100

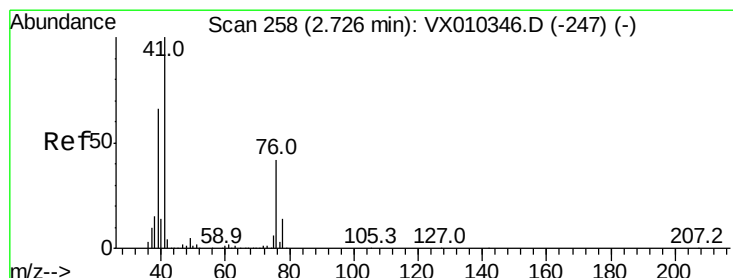
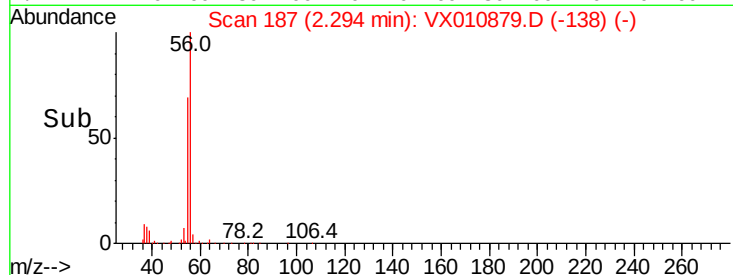
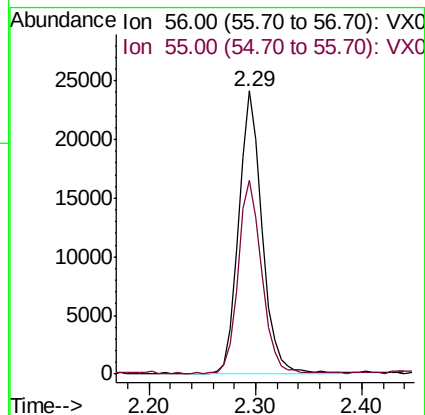
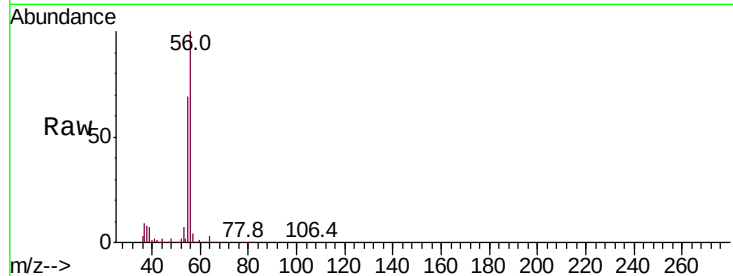
55 68.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.786 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

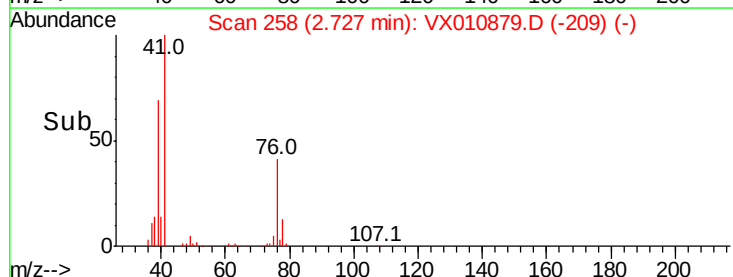
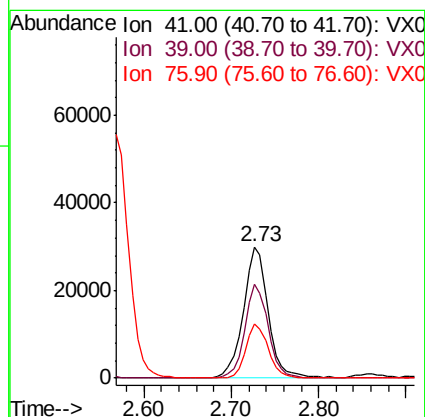
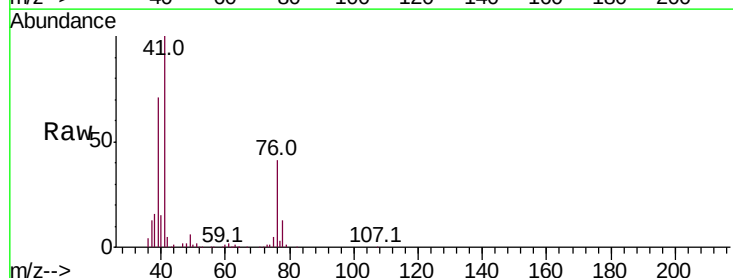
Tgt Ion: 41 Resp: 58162

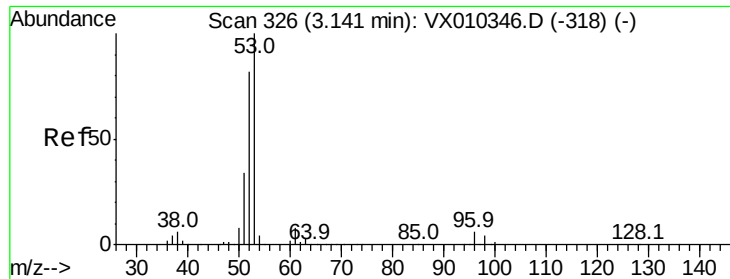
Ion Ratio Lower Upper

41 100

39 67.1 50.3 75.5

76 37.7 31.3 46.9





#15

Acrylonitrile

Concen: 94.327 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

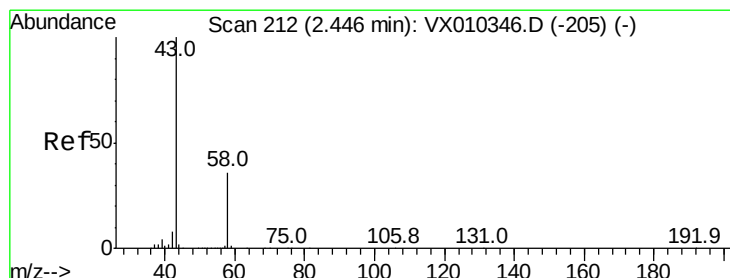
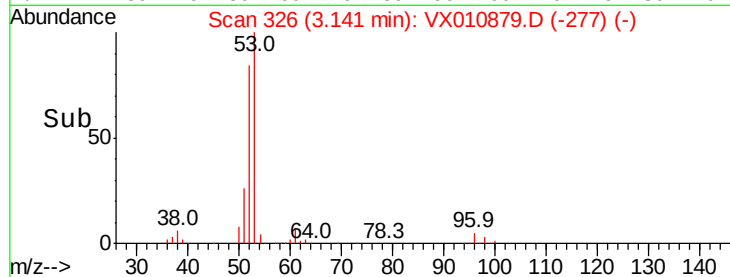
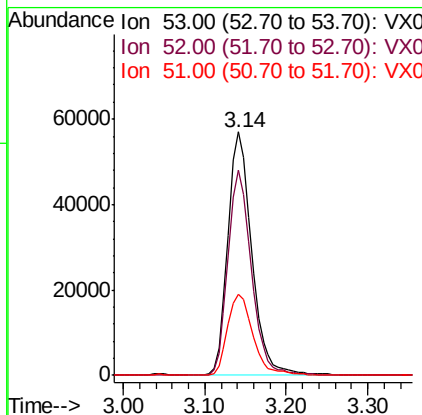
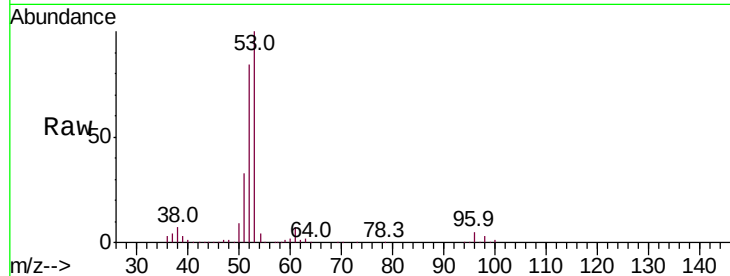
ClientSampleId :

VX0715WBS01

Tot Ion:	53	Resp:	115273
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.5	98.3
51	35.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 77.284 ug/l

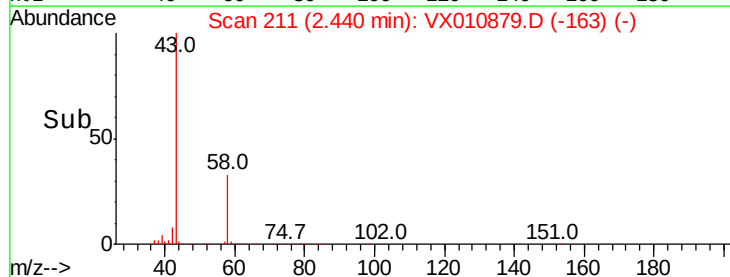
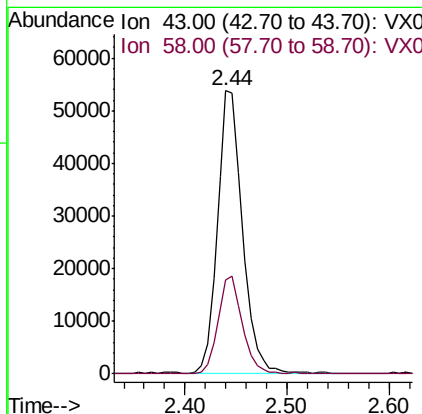
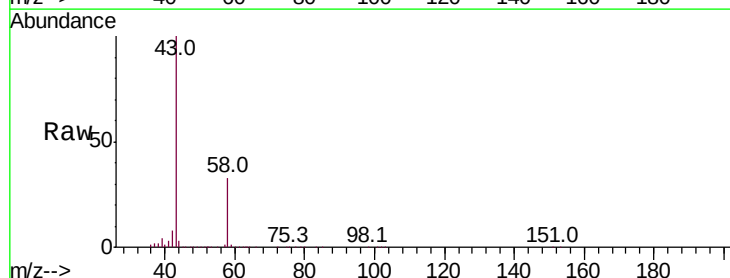
RT: 2.44 min Scan# 211

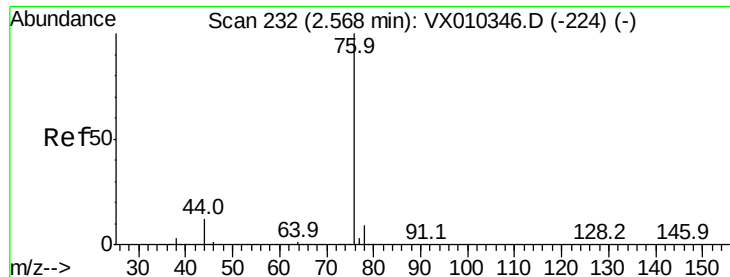
Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	43	Resp:	91365
Ion Ratio	Lower	Upper	
43	100		
58	33.2	28.9	43.3





#17

Carbon Disulfide

Concen: 16.275 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 76 Resp: 95218

Ion Ratio Lower Upper

76 100

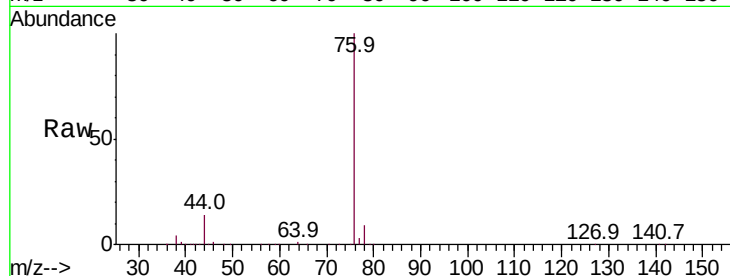
78 9.2 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

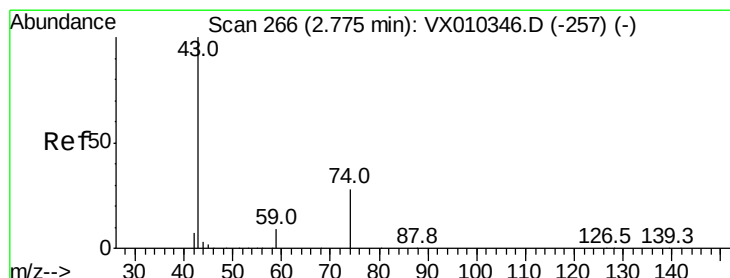
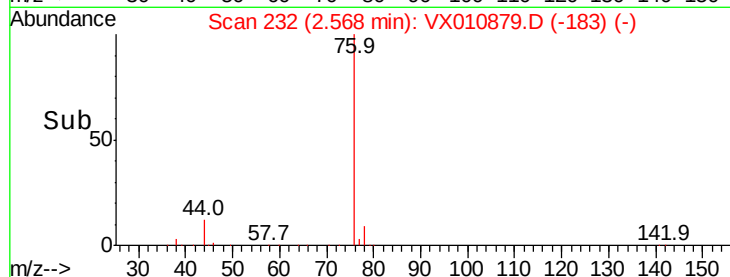
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 21.146 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010879.D

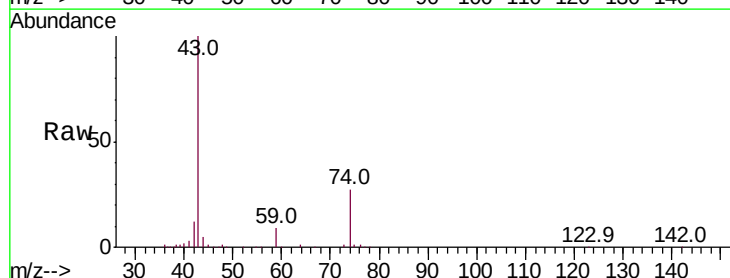
Acq: 15 Jul 2019 13:09

Tgt Ion: 43 Resp: 49823

Ion Ratio Lower Upper

43 100

74 28.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

25000

20000

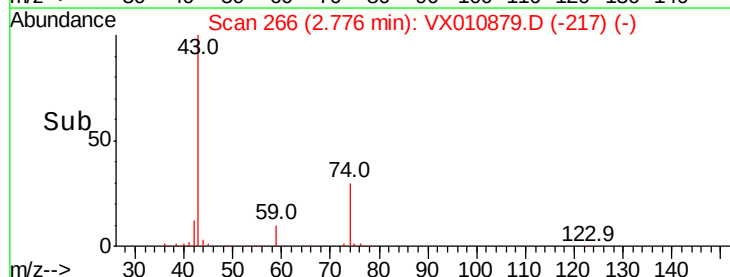
15000

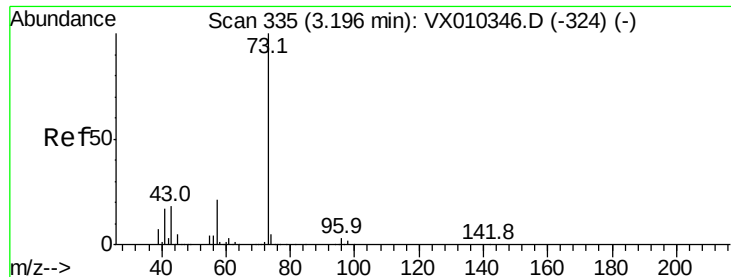
10000

5000

0

Time-->





#19

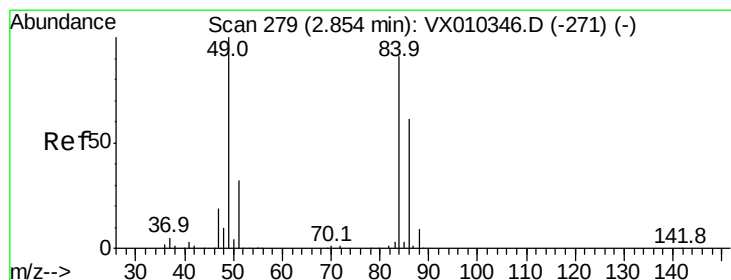
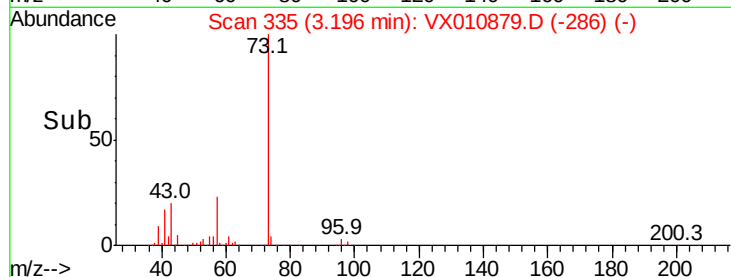
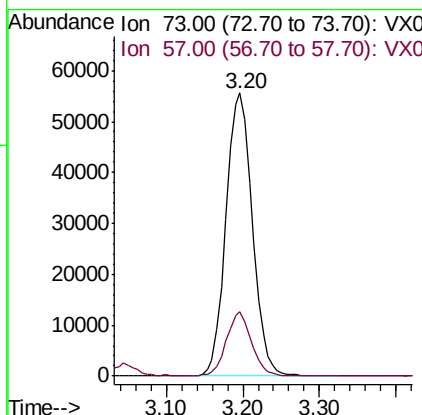
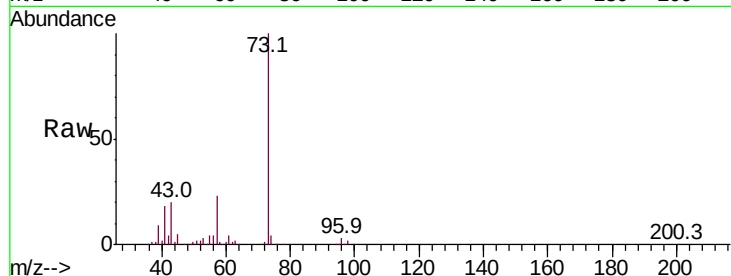
Methyl tert-butyl Ether
 Concen: 19.353 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.4	24.6

Manual Integrations
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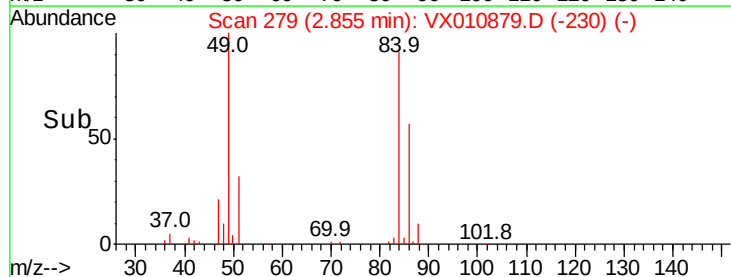
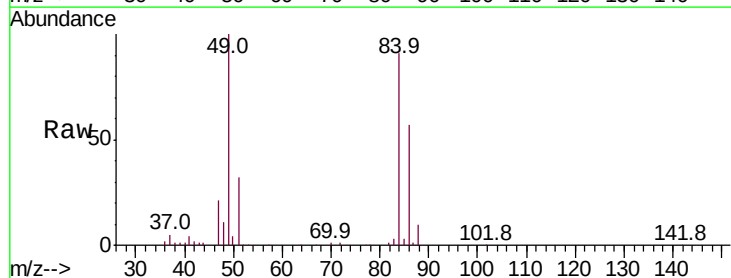
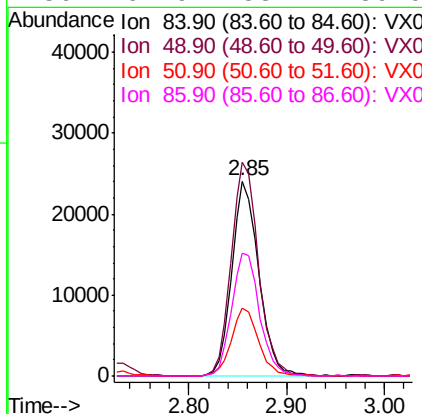
MMDadoda
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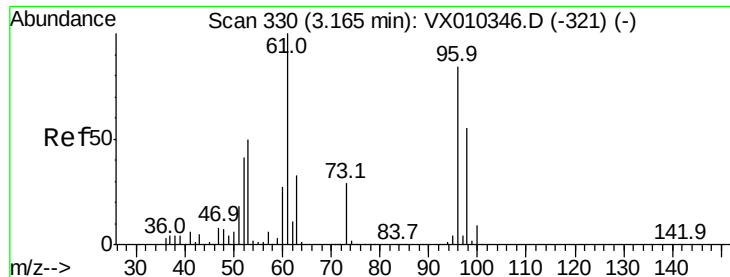


#20

Methylene Chloride
 Concen: 18.912 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	87.5	131.3
51	34.4	27.7	41.5
86	62.9	53.4	80.0





#21

trans-1,2-Dichloroethene

Concen: 17.980 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 96 Resp: 42170

Ion Ratio Lower Upper

96 100

61 123.1 95.6 143.4

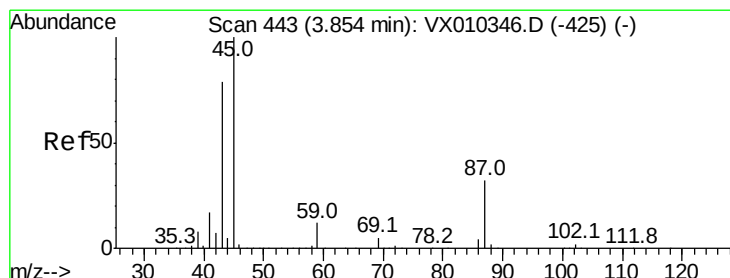
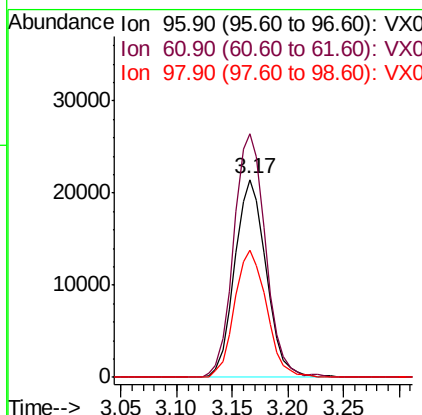
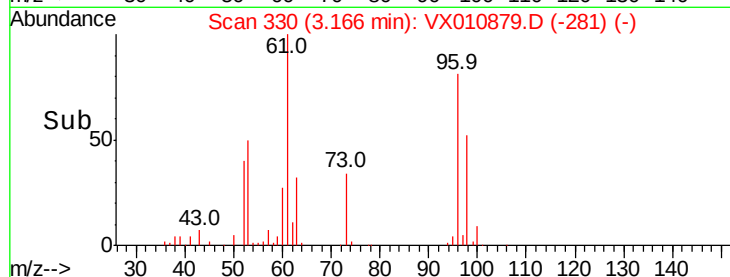
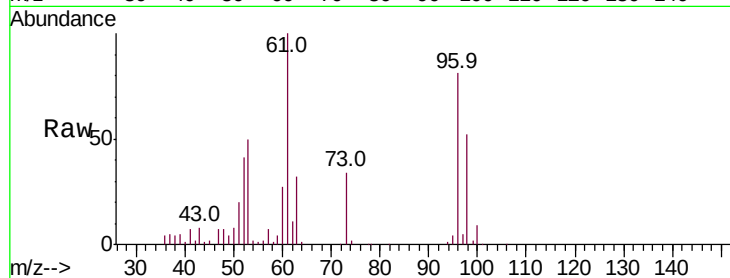
98 64.5 52.5 78.7

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.583 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion: 45 Resp: 126762

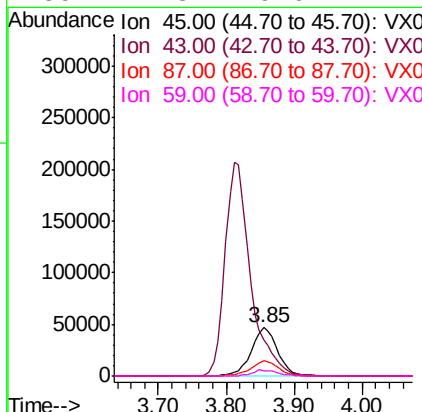
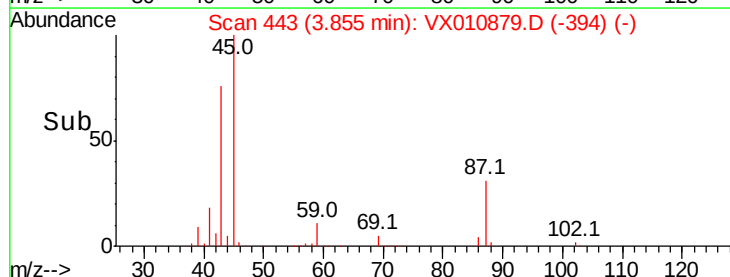
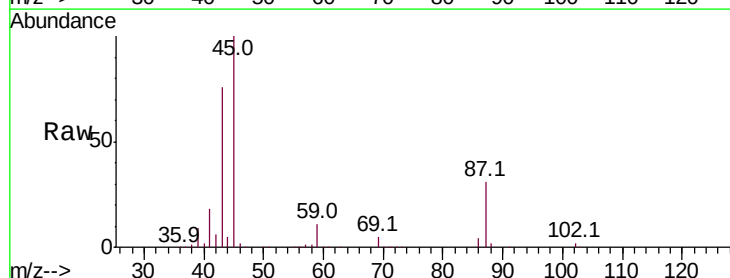
Ion Ratio Lower Upper

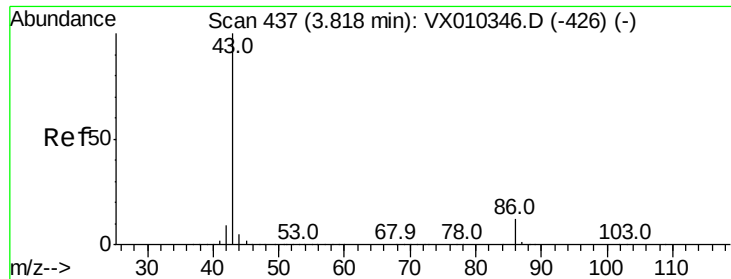
45 100

43 75.6 63.3 94.9

87 31.0 25.8 38.8

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 96.555 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 43 Resp: 539928

Ion Ratio Lower Upper

43 100

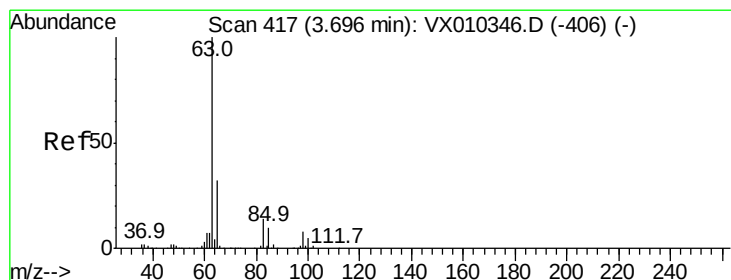
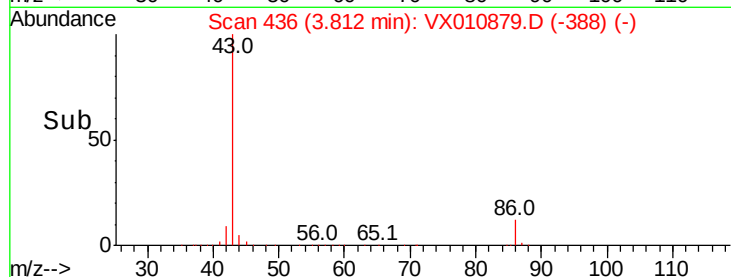
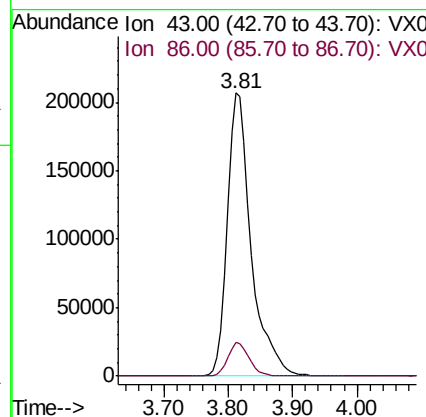
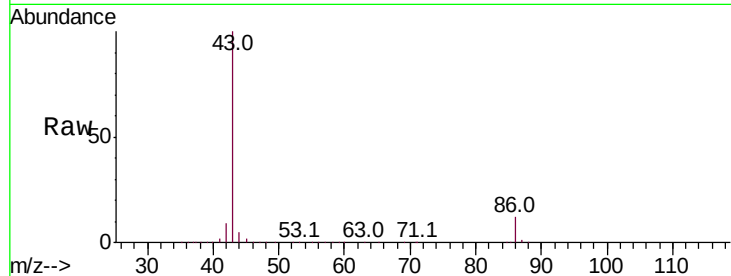
86 12.0 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.195 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

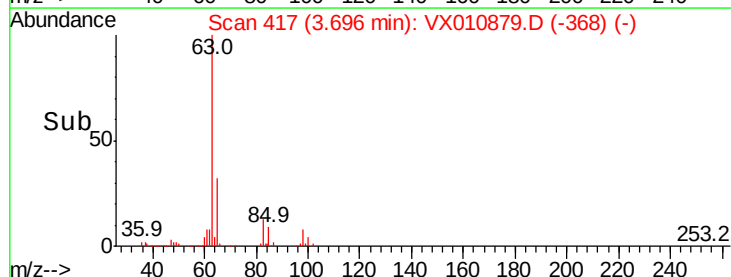
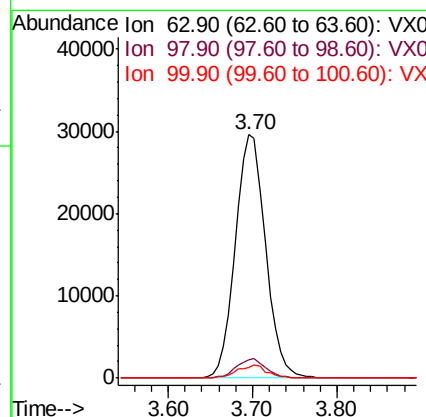
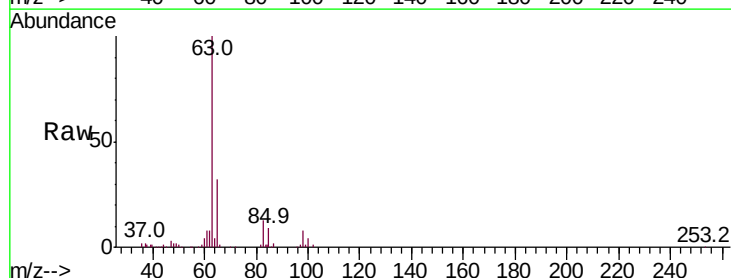
Tgt Ion: 63 Resp: 71820

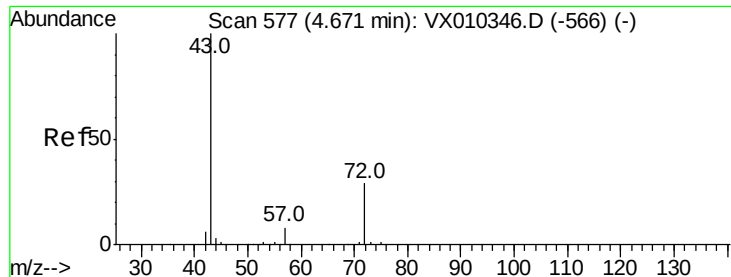
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 87.910 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 43 Resp: 152447

Ion Ratio Lower Upper

43 100

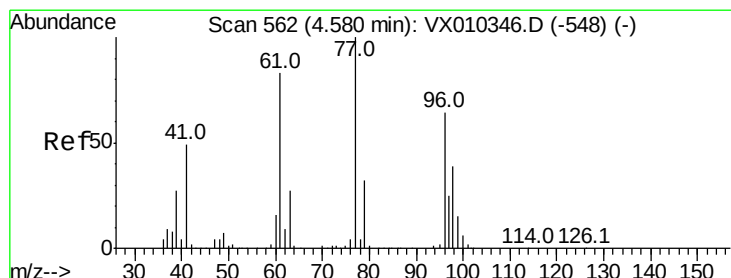
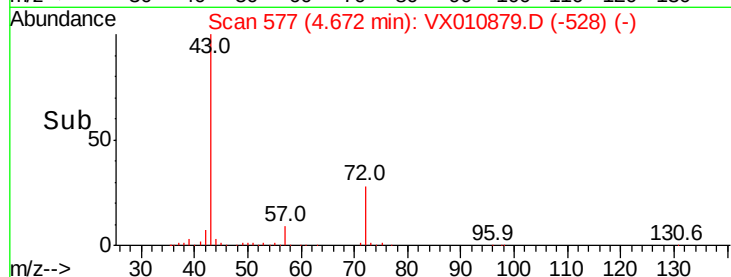
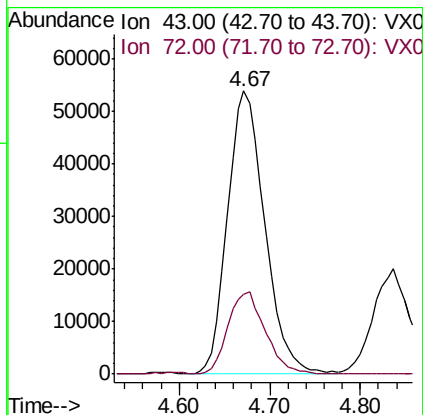
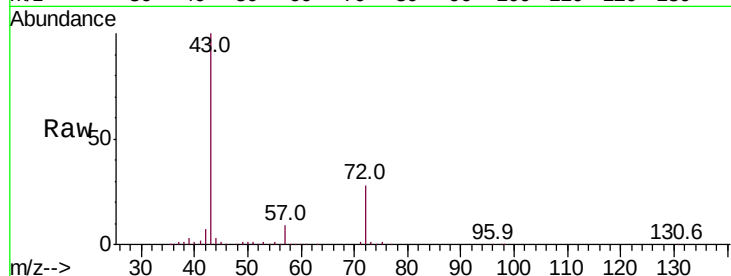
72 28.2 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.108 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010879.D

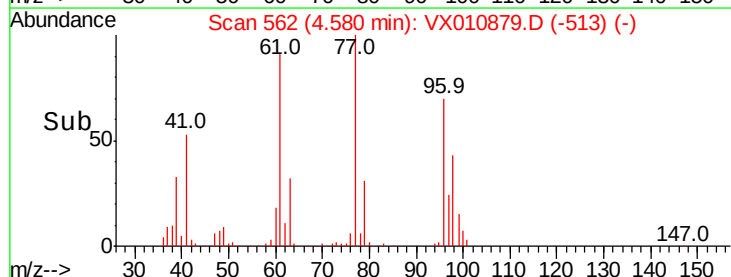
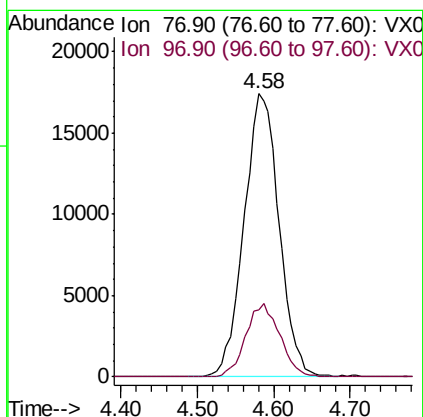
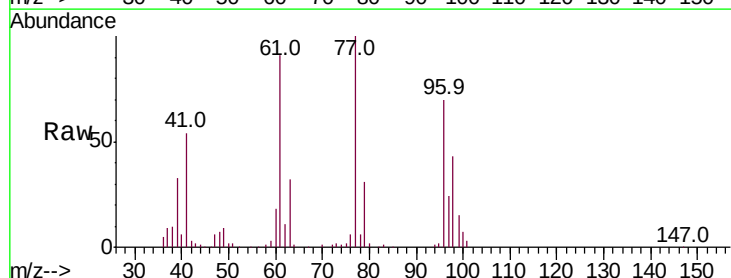
Acq: 15 Jul 2019 13:09

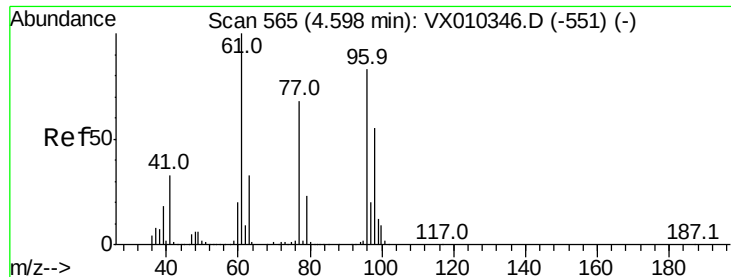
Tgt Ion: 77 Resp: 55607

Ion Ratio Lower Upper

77 100

97 25.1 13.1 39.3





#27

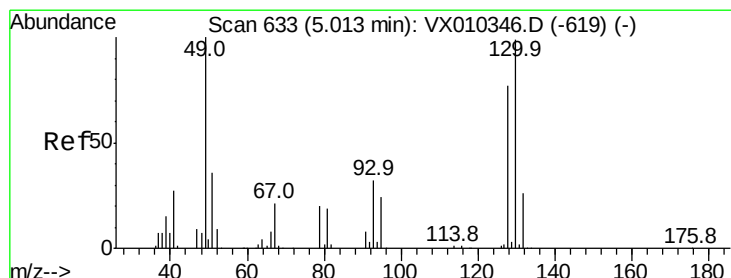
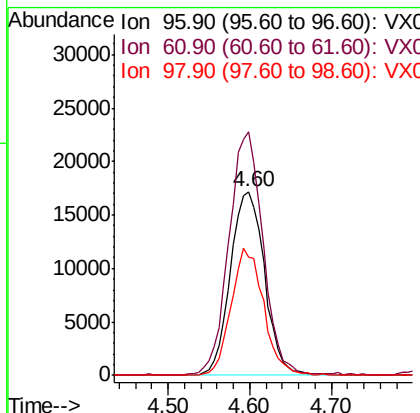
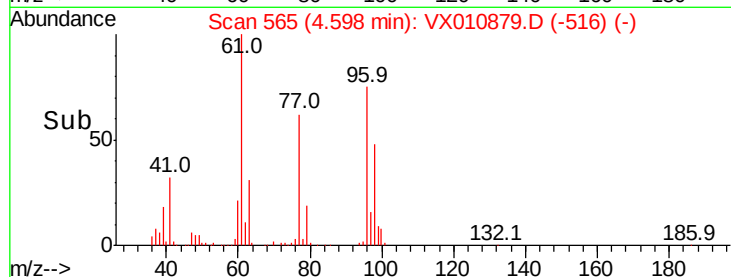
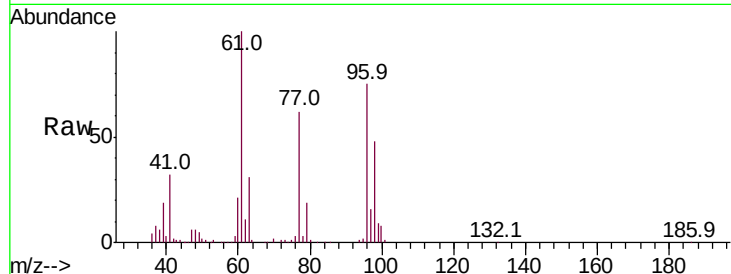
cis-1,2-Dichloroethene
Concen: 18.376 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49803		
61	132.1	0.0	251.8	
98	65.5	0.0	129.4	

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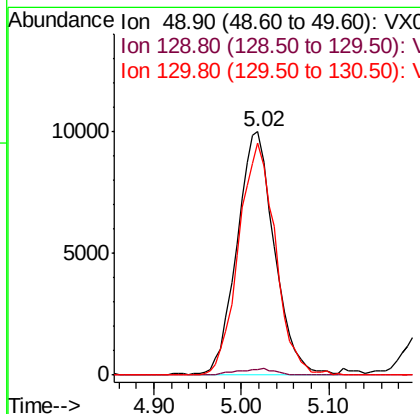
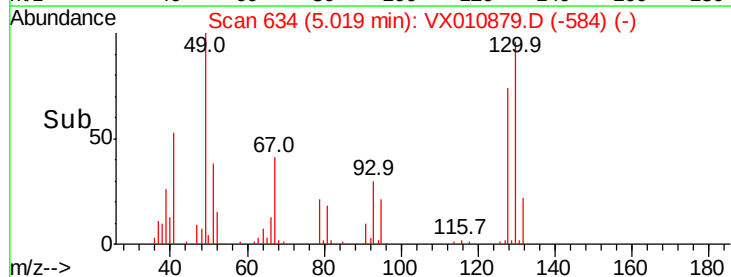
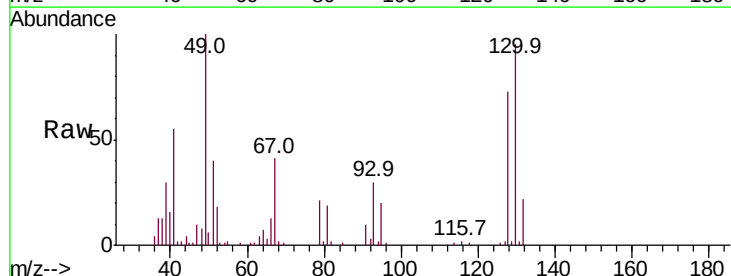
MMDadoda
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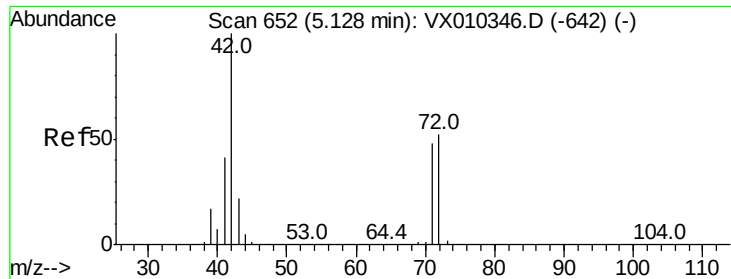


#28

Bromochloromethane
Concen: 16.653 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29791		
129	2.6	0.0	5.6	
130	93.5	81.4	122.0	





#29

Tetrahydrofuran

Concen: 91.963 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

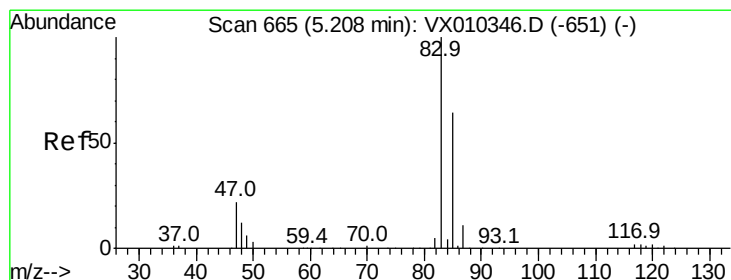
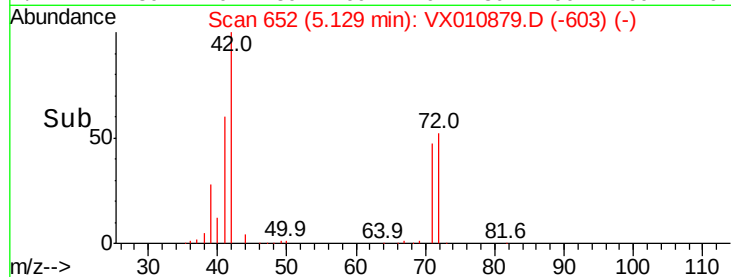
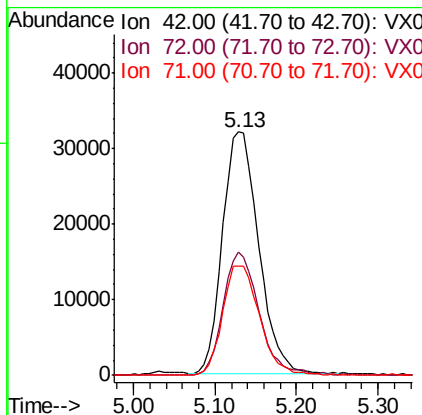
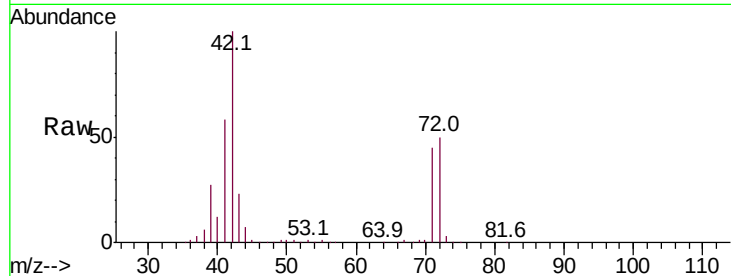
ClientSampleId :

VX0715WBS01

Tot Ion:	42	Resp:	98780
Ion Ratio	Lower	Upper	
42	100		
72	50.6	40.6	60.8
71	46.5	37.8	56.8

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#30

Chloroform

Concen: 19.493 ug/l

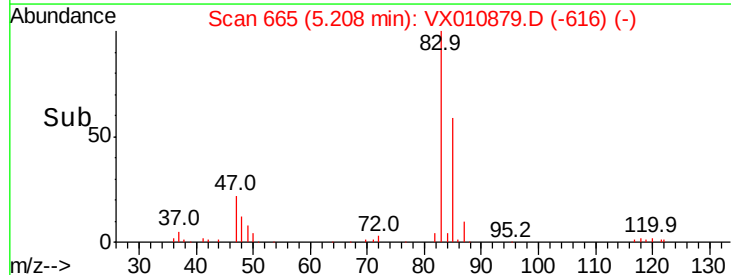
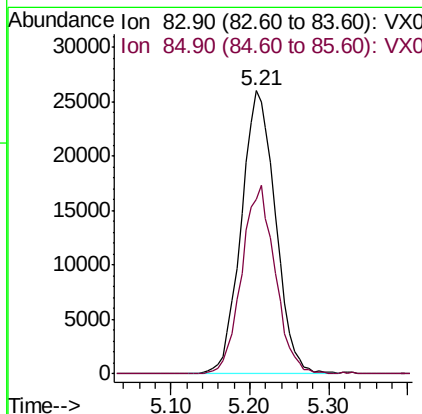
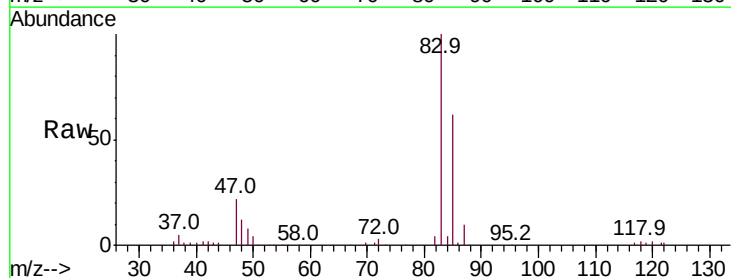
RT: 5.21 min Scan# 665

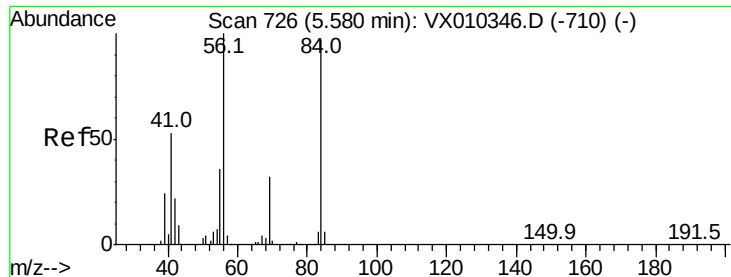
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	83	Resp:	78473
Ion Ratio	Lower	Upper	
83	100		
85	61.8	50.9	76.3





#31

Cyclohexane

Concen: 18.666 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

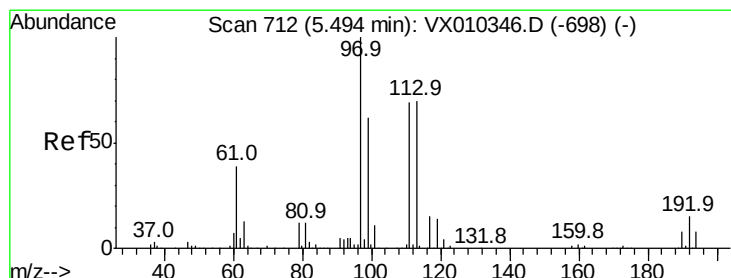
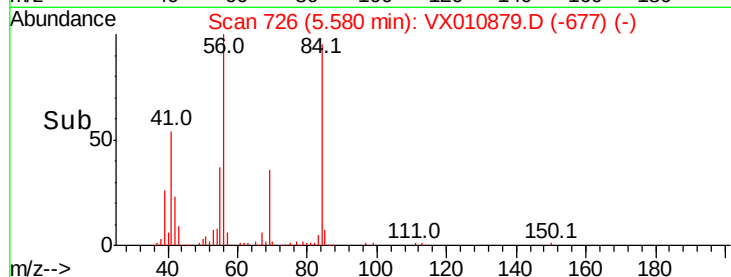
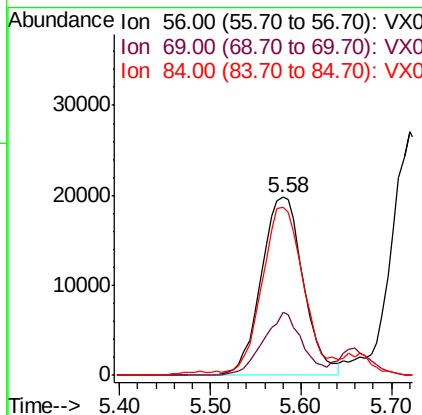
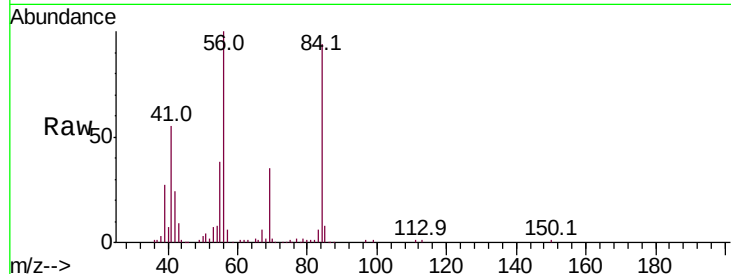
ClientSampleId :

VX0715WBS01

Tot Ion:	56	Resp:	63601
Ion	Ratio	Lower	Upper
56	100		
69	35.4	25.9	38.9
84	93.0	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 18.940 ug/l

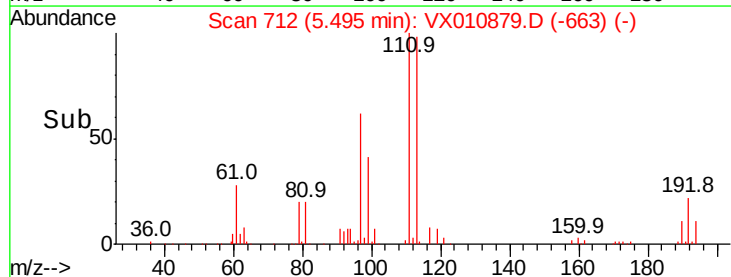
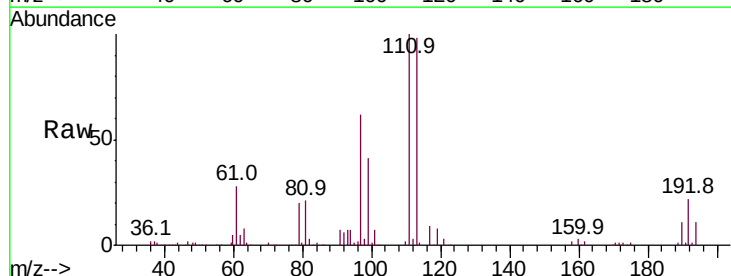
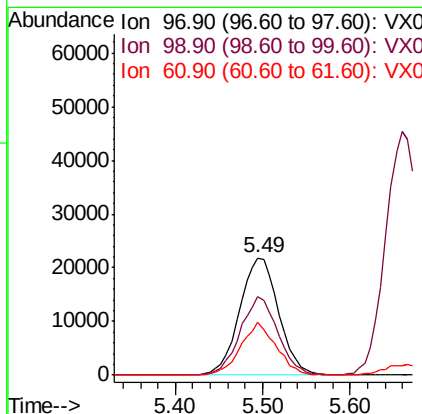
RT: 5.49 min Scan# 712

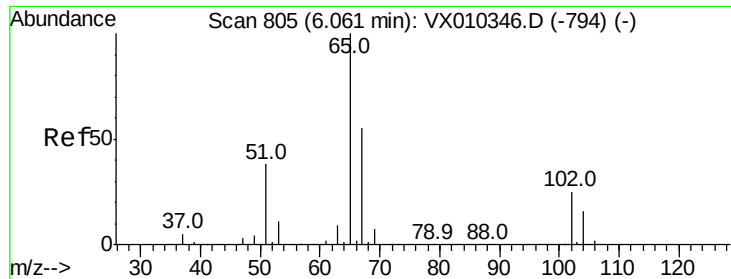
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	97	Resp:	67327
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	40.8	32.1	48.1





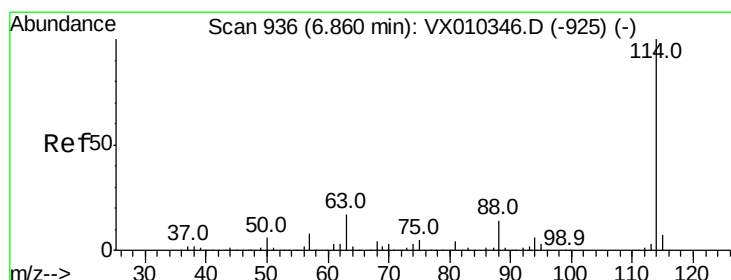
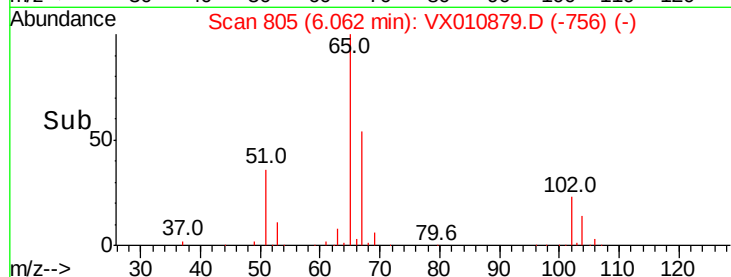
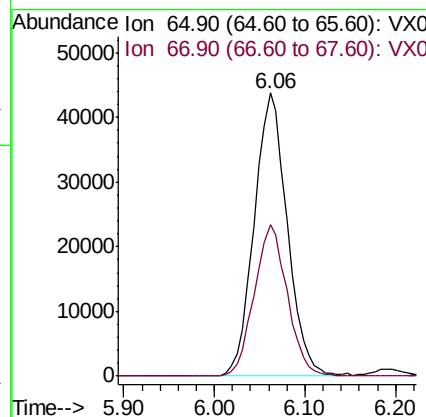
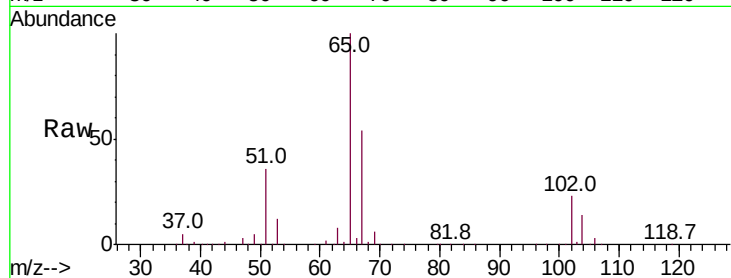
#33
 1,2-Dichloroethane-d4
 Concen: 46.795 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	110.2

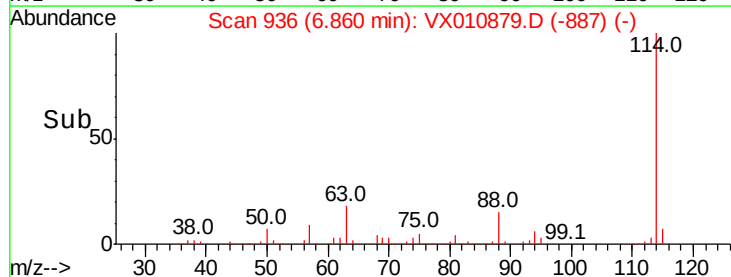
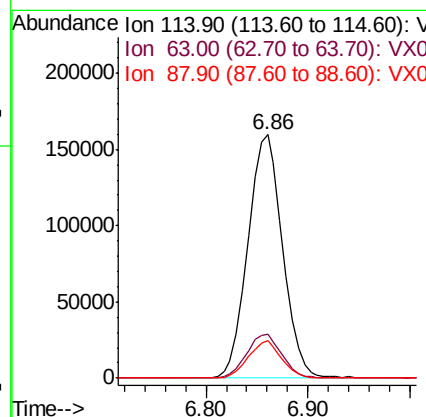
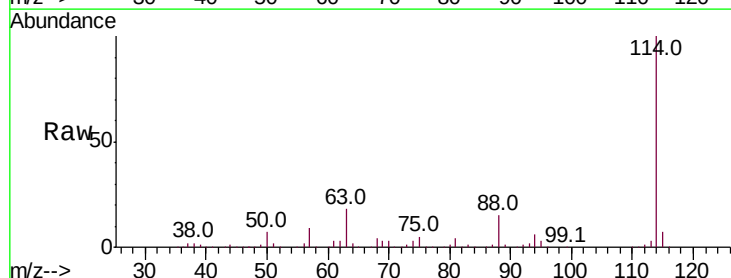
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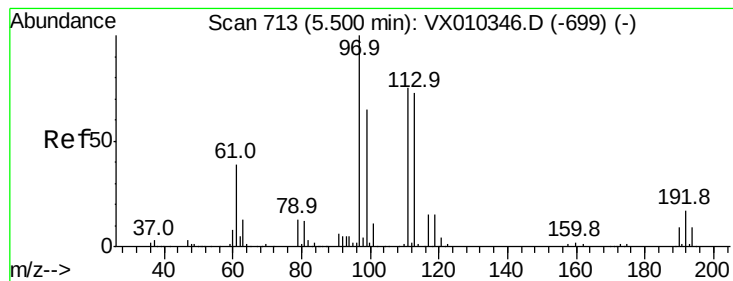
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	33.8
88	15.3	0.0	27.6





#35

Dibromofluoromethane

Concen: 43.950 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

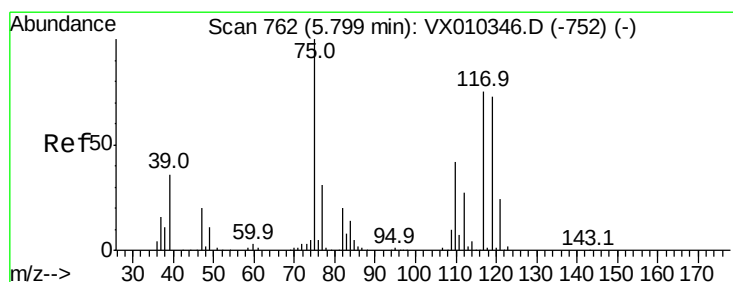
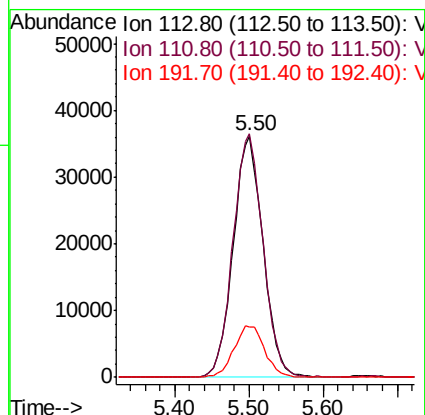
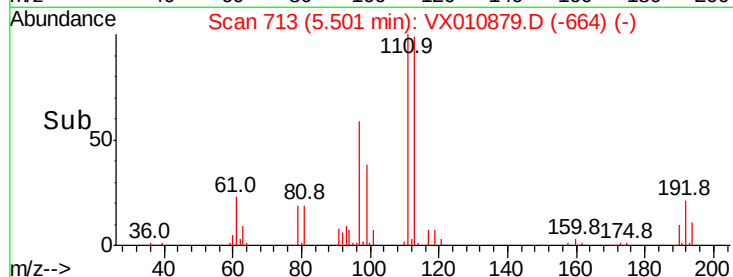
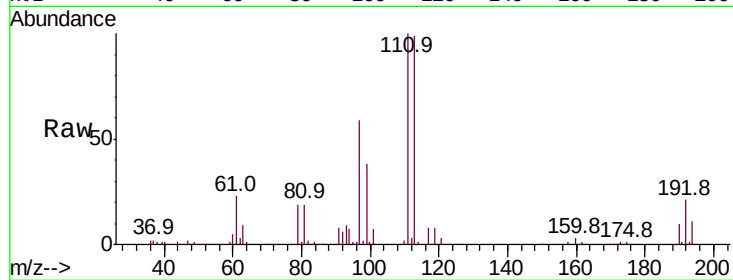
ClientSampleId :

VX0715WBS01

Tot Ion:	113	Resp:	101474
Ion Ratio	Lower	Upper	
113	100		
111	101.5	81.2	121.8
192	21.9	18.6	27.8

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#36

1,1-Dichloropropene

Concen: 18.449 ug/l

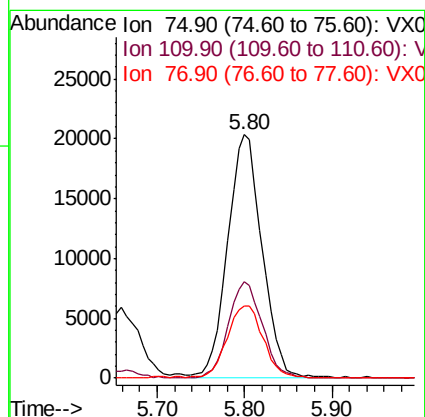
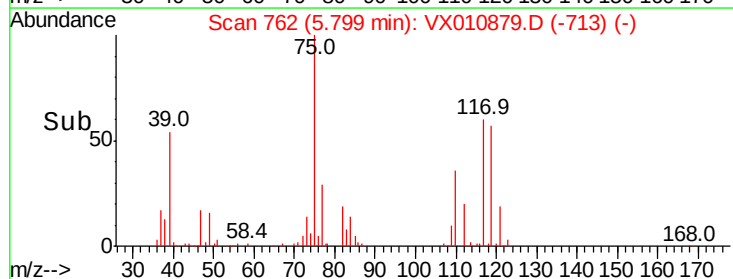
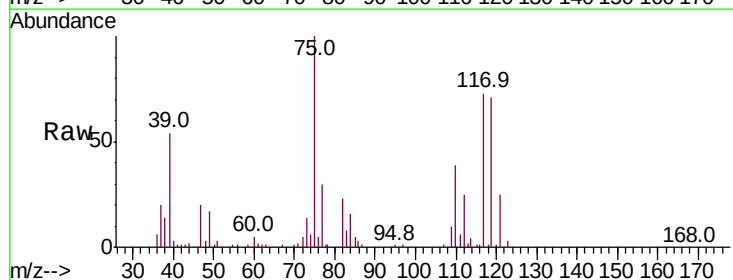
RT: 5.80 min Scan# 762

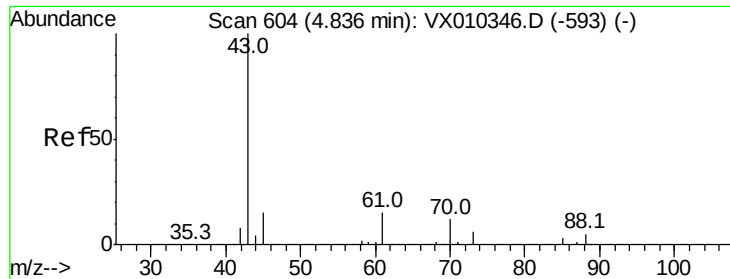
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	75	Resp:	55324
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.8	62.2
77	31.5	25.4	38.0





#37

Ethyl Acetate

Concen: 18.474 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

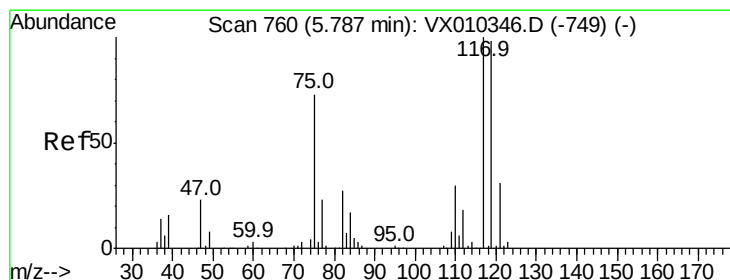
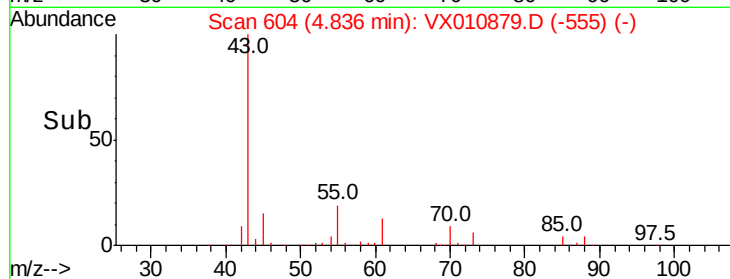
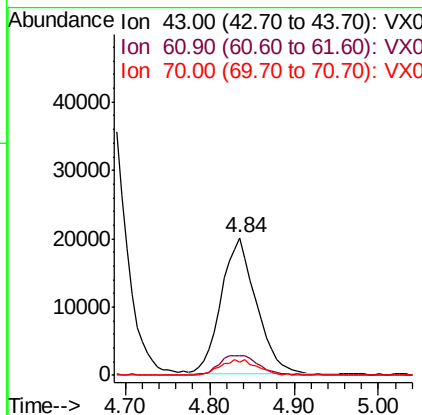
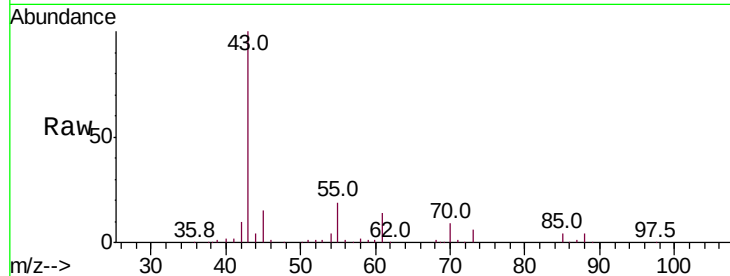
ClientSampleId :

VX0715WBS01

Tot Ion:	43	Resp:	56991
Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.4	18.6
70	12.2	9.8	14.8

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#38

Carbon Tetrachloride

Concen: 17.716 ug/l

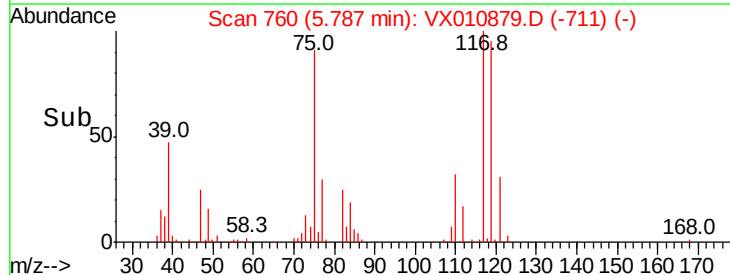
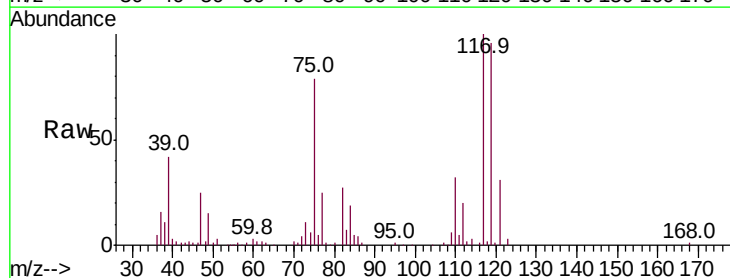
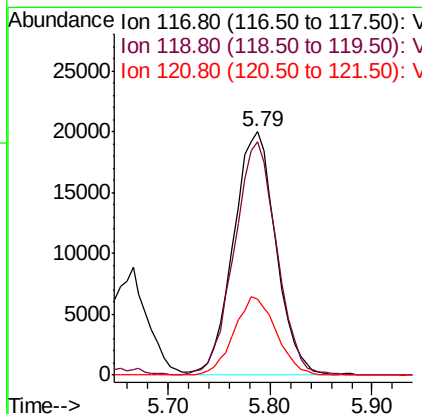
RT: 5.79 min Scan# 760

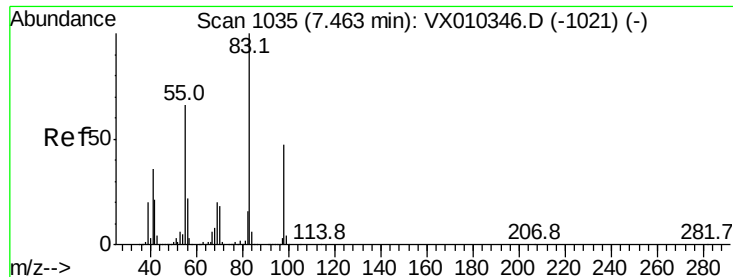
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	117	Resp:	57527
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.4
121	31.5	24.7	37.1





#39

Methylvlcyclohexane

Concen: 17.301 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

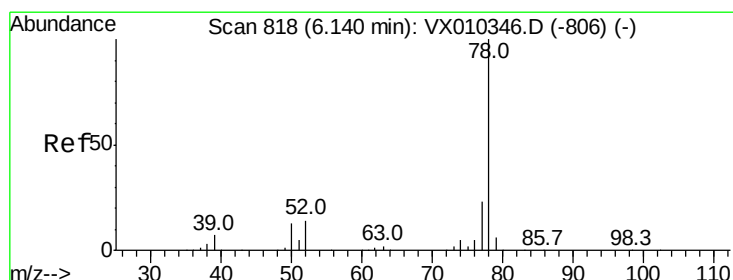
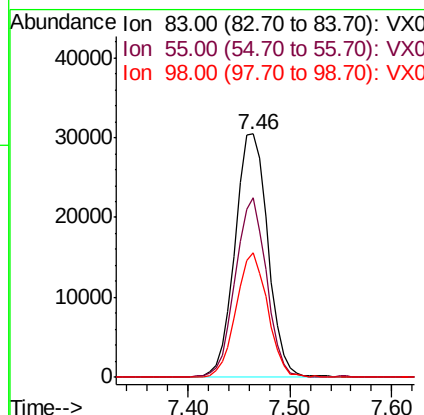
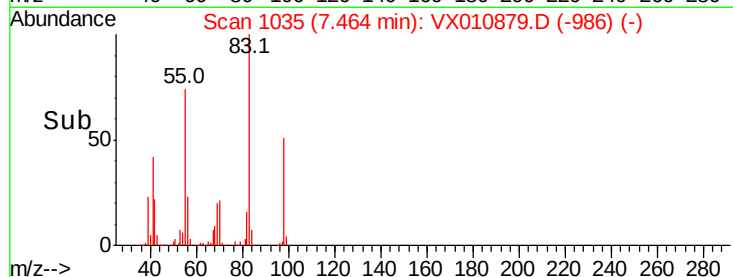
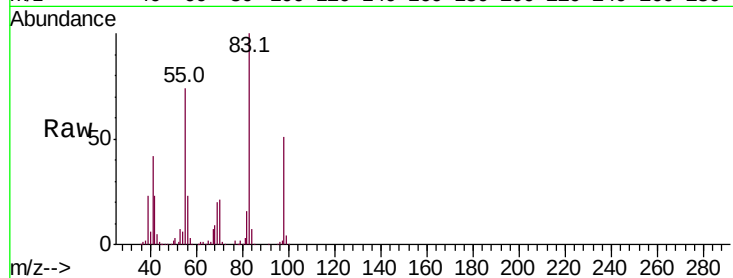
ClientSampleId :

VX0715WBS01

Tot Ion:	83	Resp:	68196
Ion	Ratio	Lower	Upper
83	100		
55	73.4	53.0	79.6
98	51.1	37.8	56.8

Manual Integrations
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#40

Benzene

Concen: 18.569 ug/l

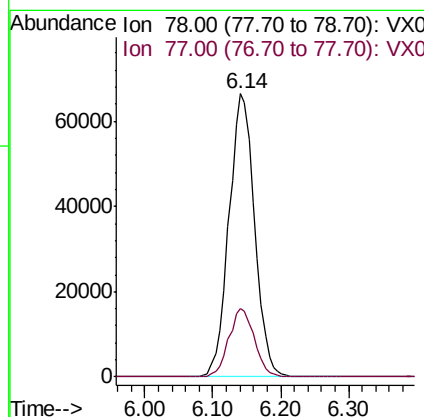
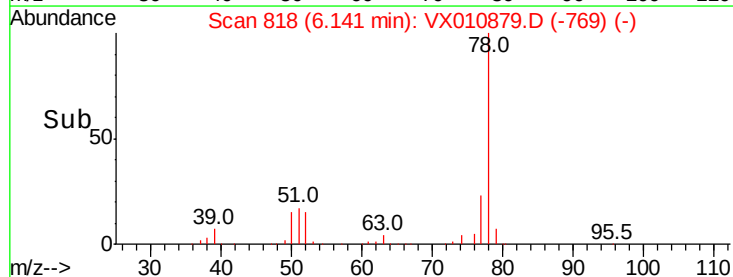
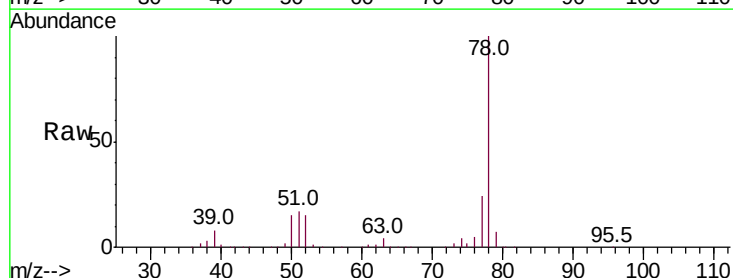
RT: 6.14 min Scan# 818

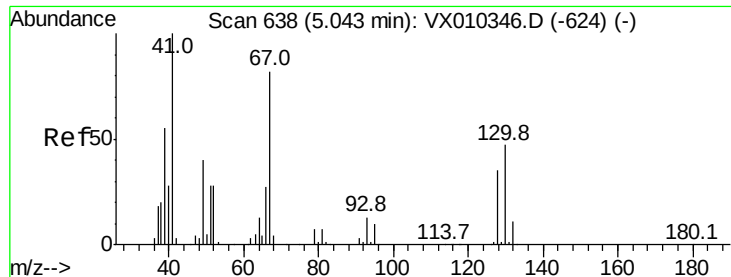
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	78	Resp:	173479
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	28.0





#41

Methacrylonitrile

Concen: 18.787 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 41 Resp: 31800

Ion Ratio Lower Upper

41 100

39 57.6 43.8 65.8

67 82.5 66.6 100.0

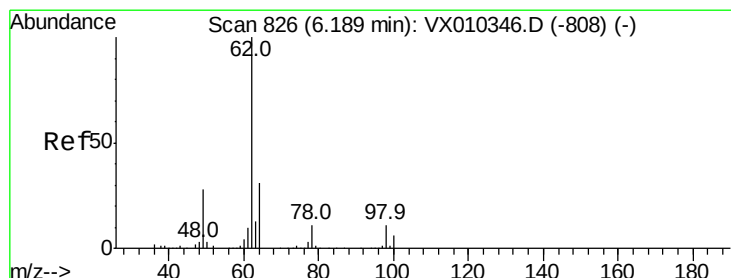
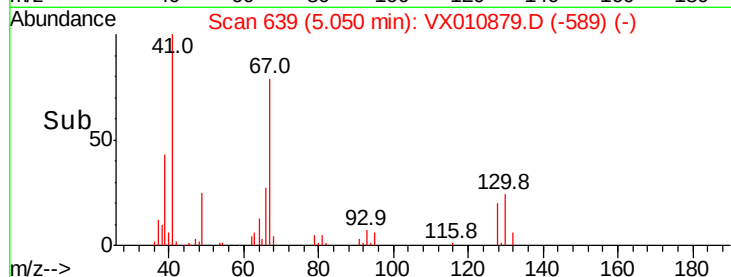
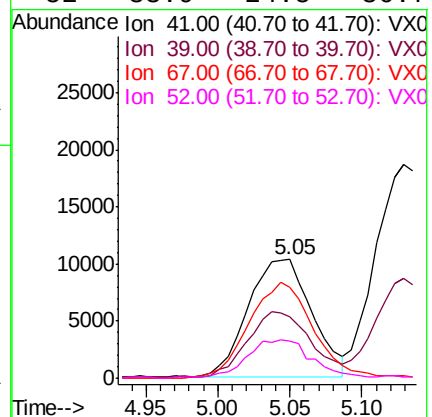
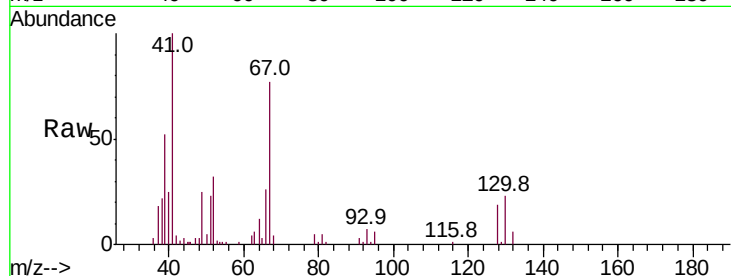
52 33.9 24.5 36.7

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 20.946 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010879.D

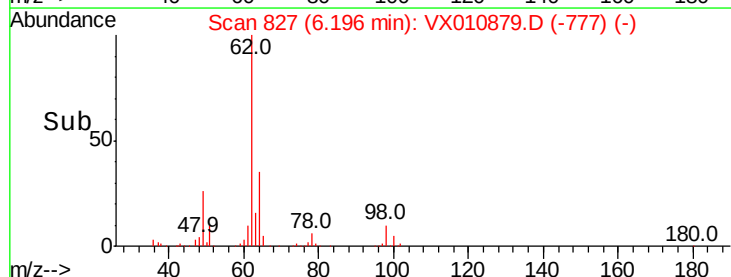
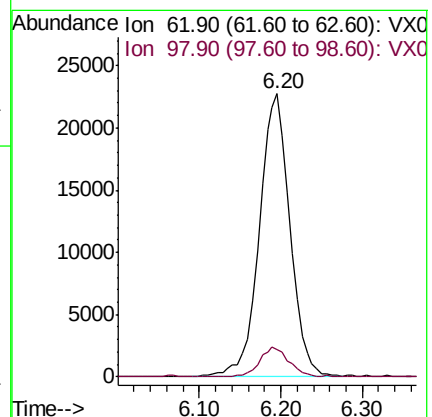
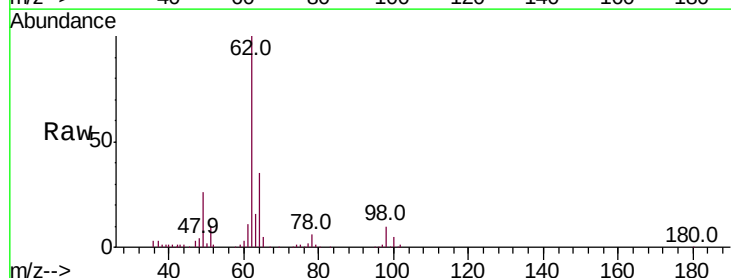
Acq: 15 Jul 2019 13:09

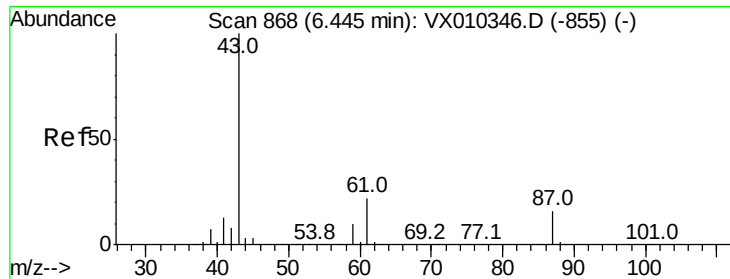
Tgt Ion: 62 Resp: 59567

Ion Ratio Lower Upper

62 100

98 10.1 0.0 22.2





#43

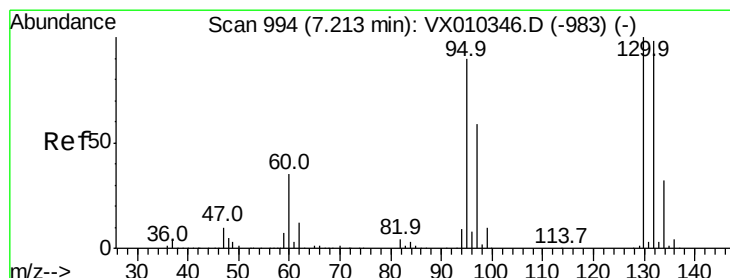
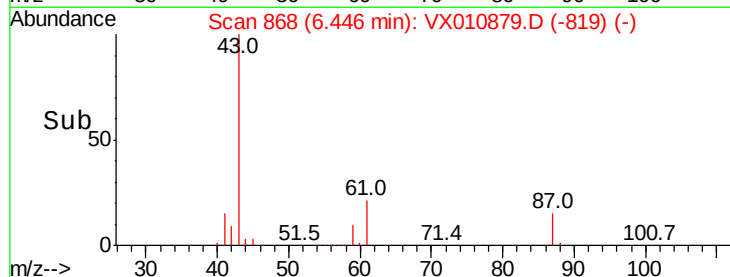
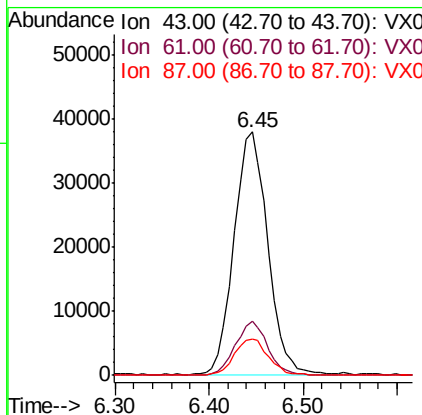
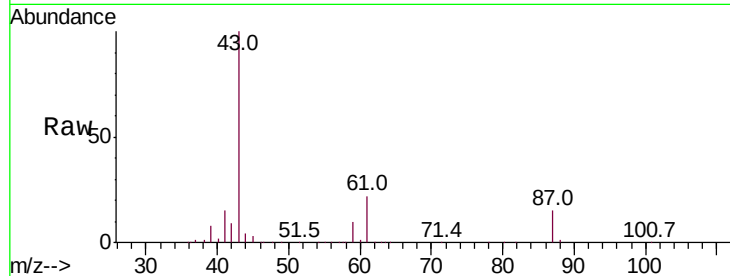
Isopropyl Acetate
 Concen: 18.510 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.8	26.6
87	15.2	13.0	19.4

Manual Integrations
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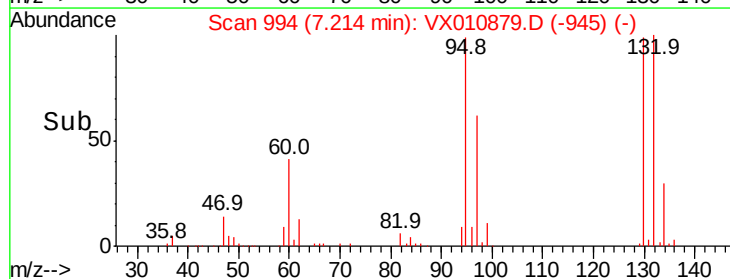
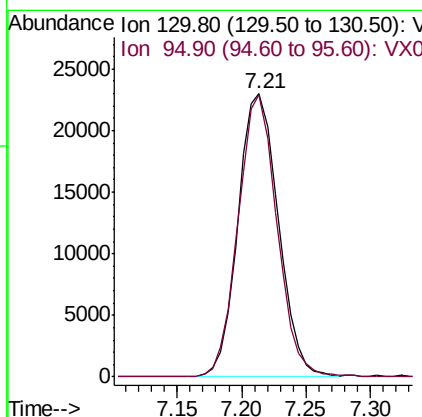
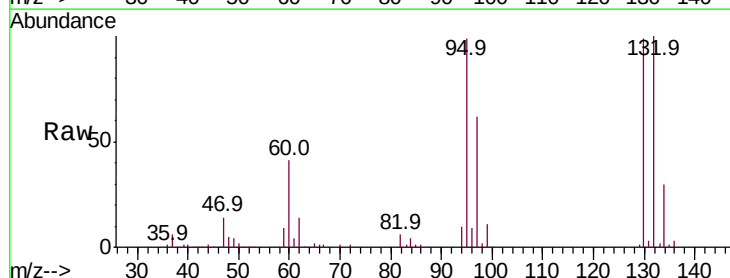
MMDadoda
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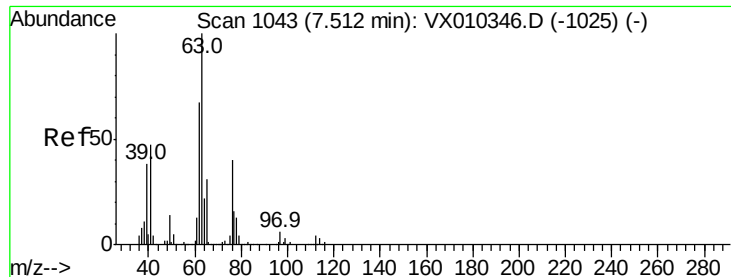


#44

Trichloroethene
 Concen: 17.805 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	180.8





#45

1,2-Dichloropropane

Concen: 18.844 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion: 63 Resp: 44457

Ion Ratio Lower Upper

63 100

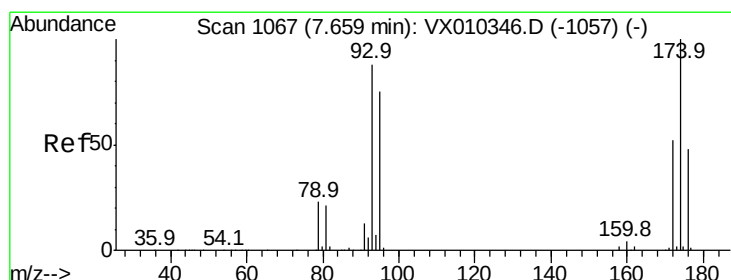
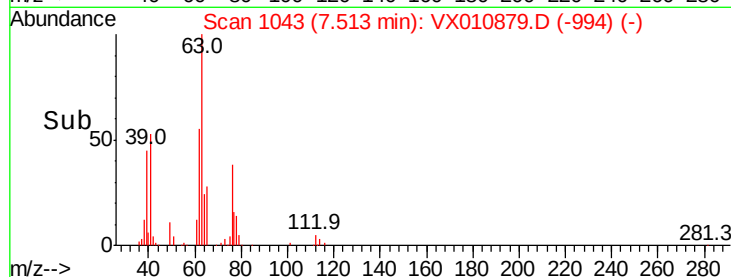
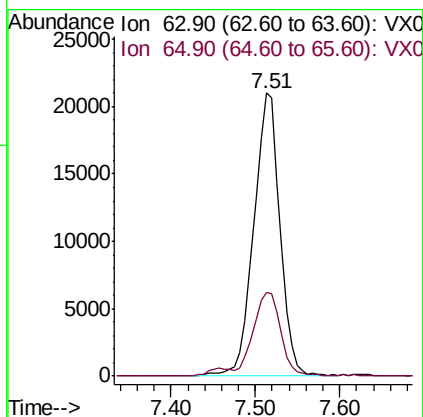
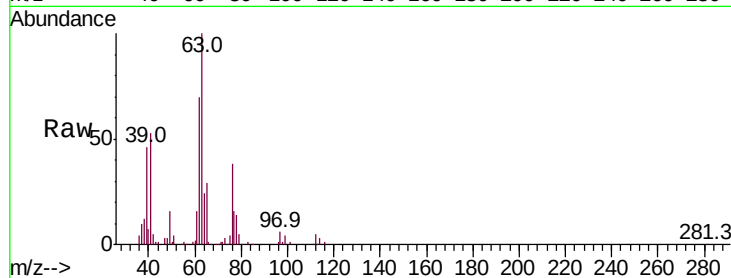
65 29.4 24.8 37.2

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#46

Dibromomethane

Concen: 18.962 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

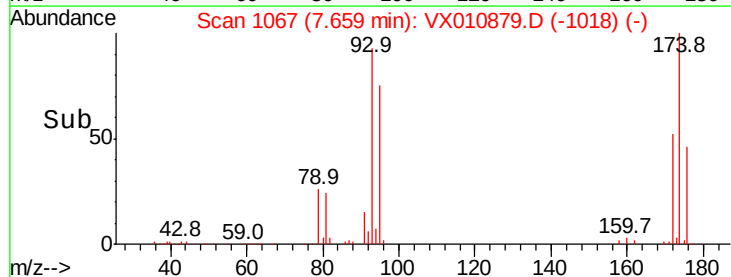
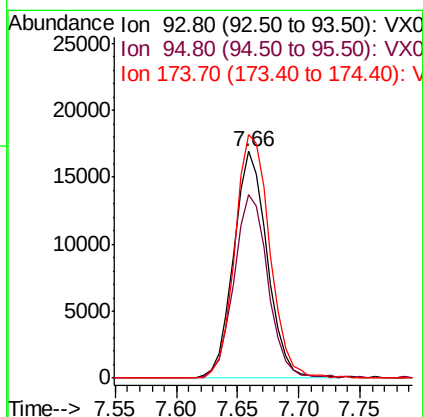
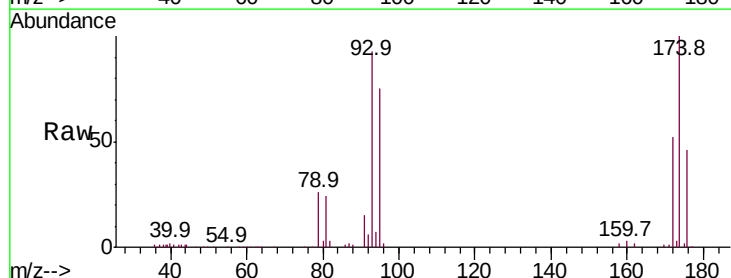
Tgt Ion: 93 Resp: 32097

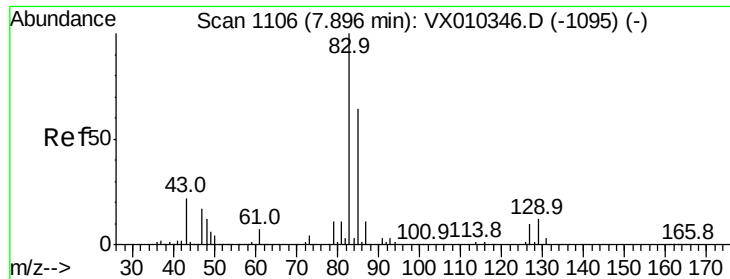
Ion Ratio Lower Upper

93 100

95 81.5 67.5 101.3

174 111.5 95.8 143.6





#47

Bromodichloromethane

Concen: 18.099 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

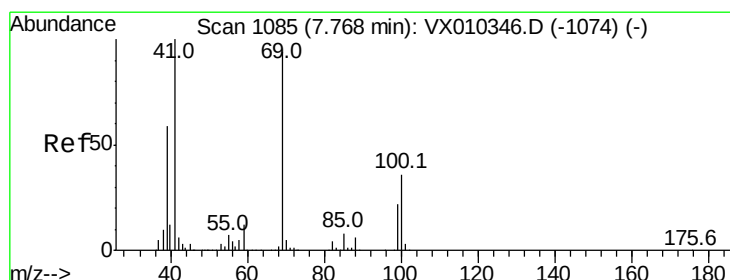
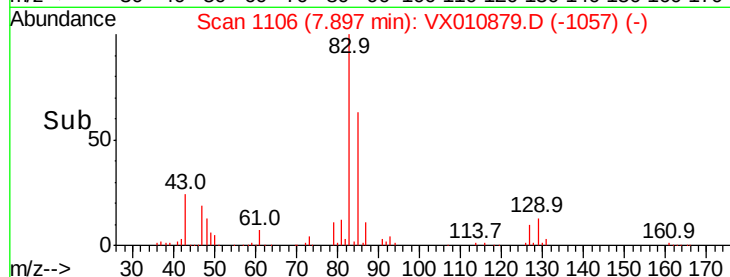
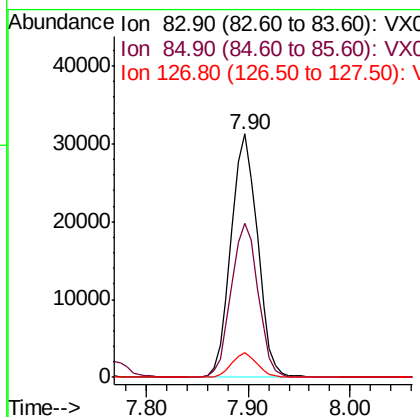
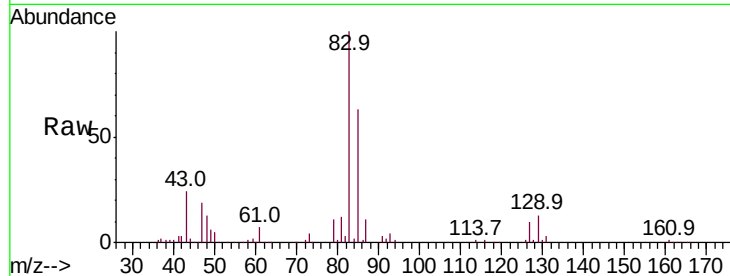
ClientSampleId :

VX0715WBS01

Tot Ion:	83	Resp:	56145
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.5	77.3
127	9.9	7.8	11.8

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#48

Methyl methacrylate

Concen: 19.872 ug/l

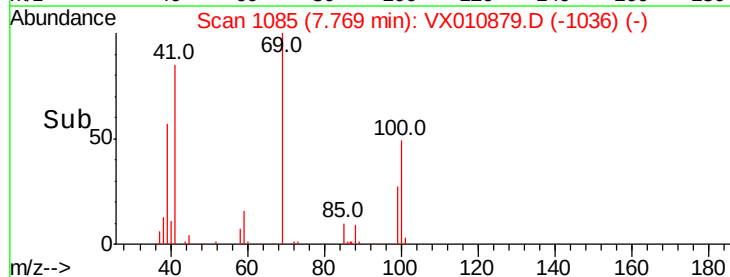
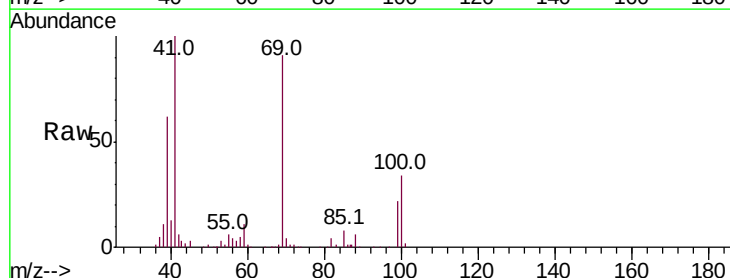
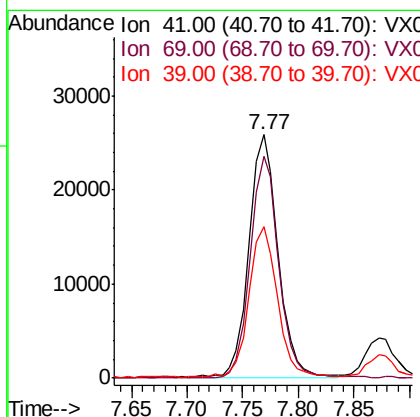
RT: 7.77 min Scan# 1085

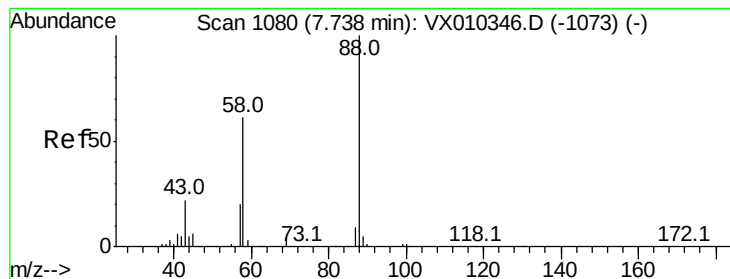
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	41	Resp:	47144
Ion	Ratio	Lower	Upper
41	100		
69	89.4	76.1	114.1
39	59.9	47.6	71.4





#49

1,4-Dioxane

Concen: 342.037 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

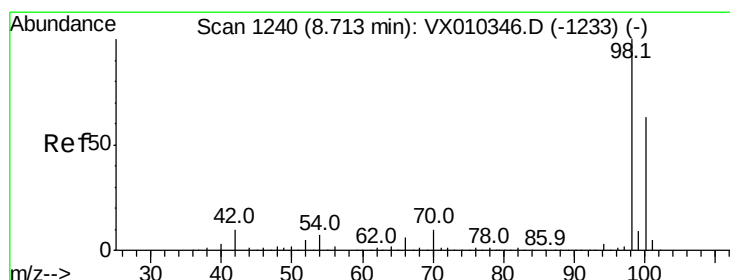
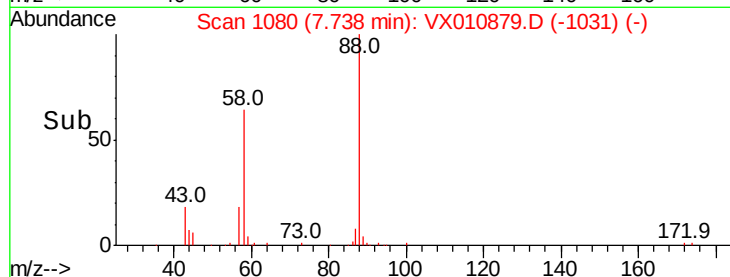
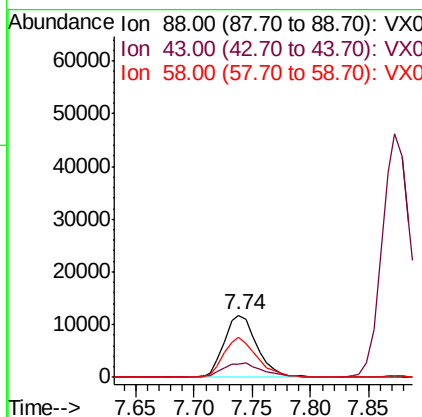
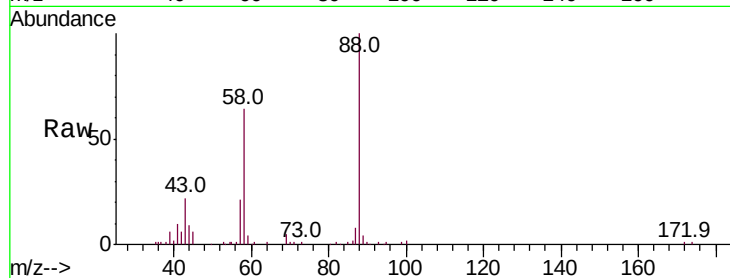
ClientSampleId :

VX0715WBS01

Tot Ion:	88	Resp:	23376
Ion	Ratio	Lower	Upper
88	100		
43	29.8	20.2	30.2
58	65.3	49.5	74.3

Manual Integrations
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#50

Toluene-d8

Concen: 41.520 ug/l

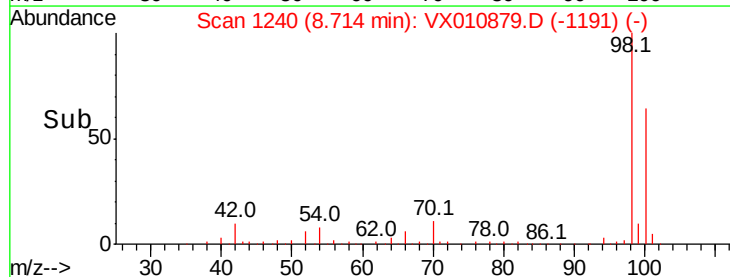
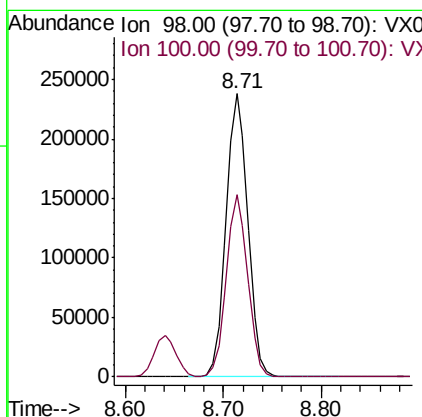
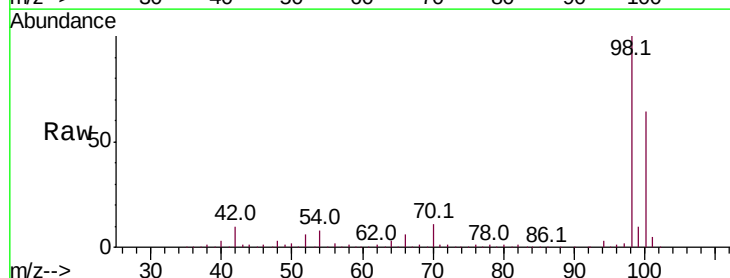
RT: 8.71 min Scan# 1240

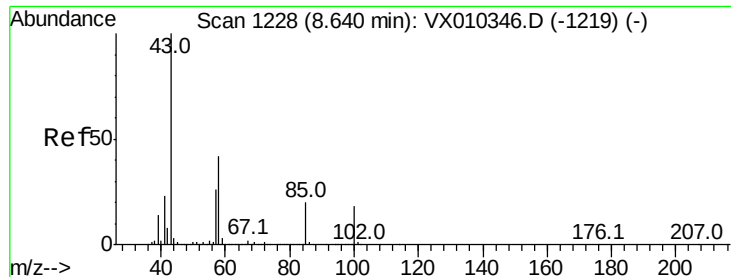
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	98	Resp:	366755
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 95.600 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS01

Tot Ion: 43 Resp: 312072

Ion Ratio Lower Upper

43 100

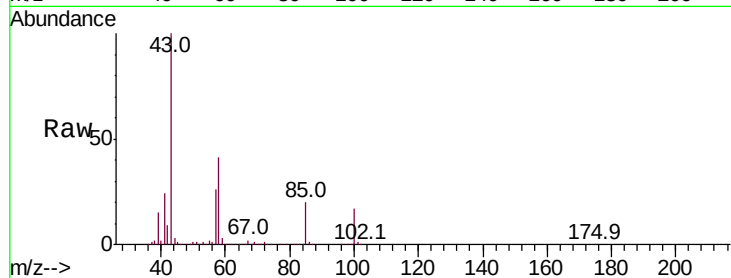
58 41.0 33.5 50.3

Manual Integrations

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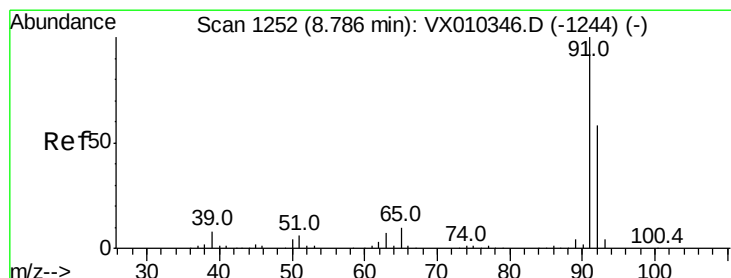
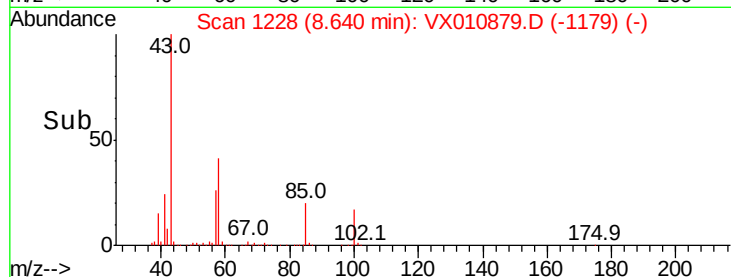
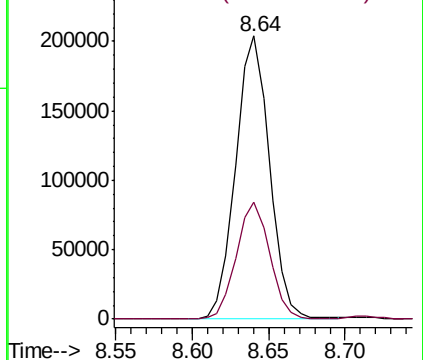
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.474 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010879.D

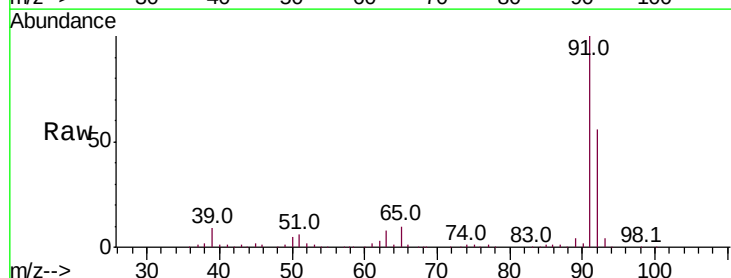
Acq: 15 Jul 2019 13:09

Tgt Ion: 92 Resp: 113656

Ion Ratio Lower Upper

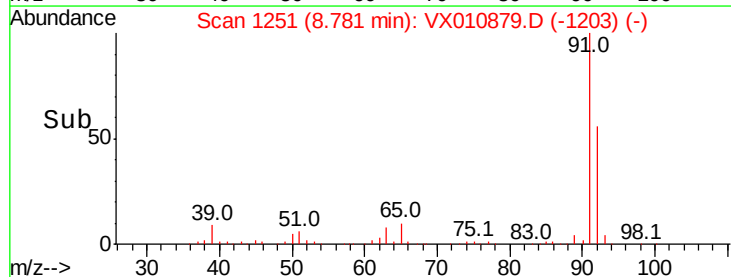
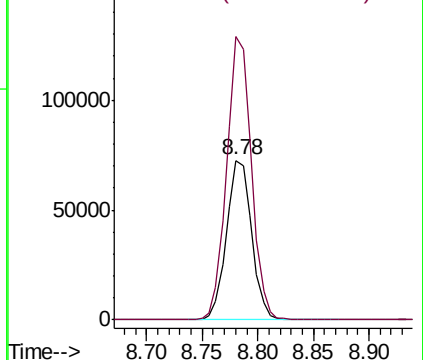
92 100

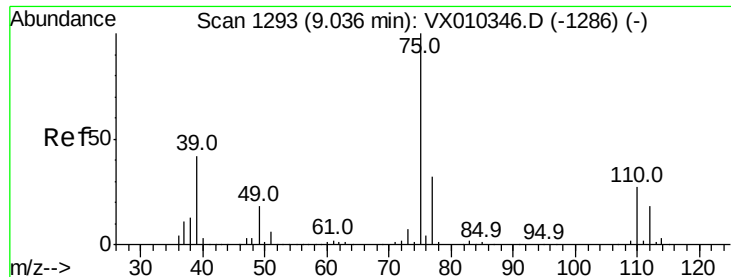
91 174.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





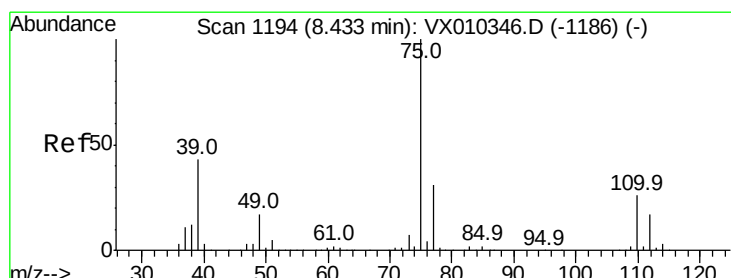
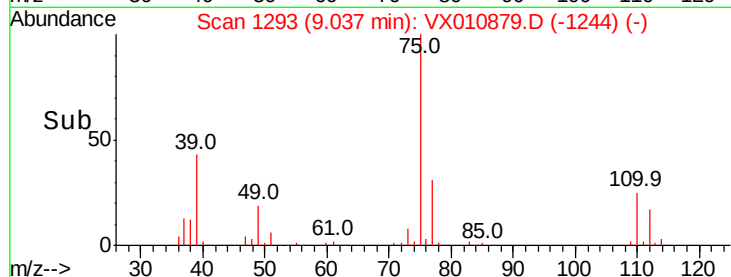
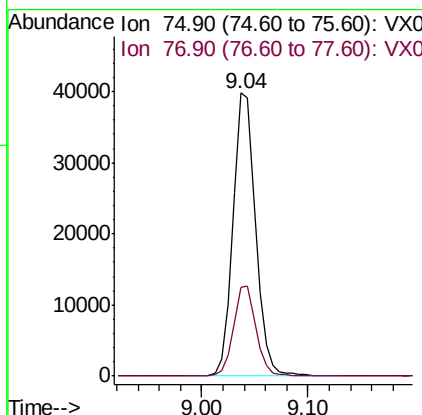
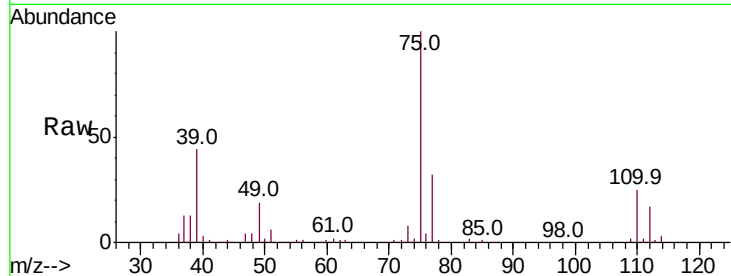
#53
 t-1,3-Dichloropropene
 Concen: 17.156 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion: 75 Resp: 59666
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2

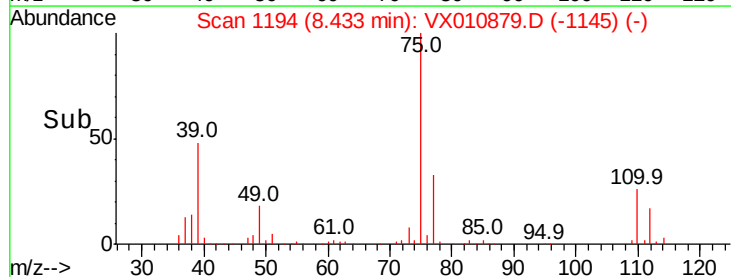
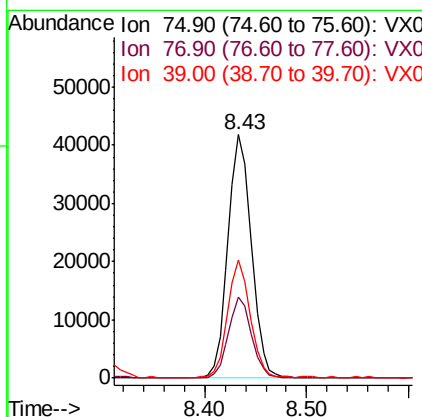
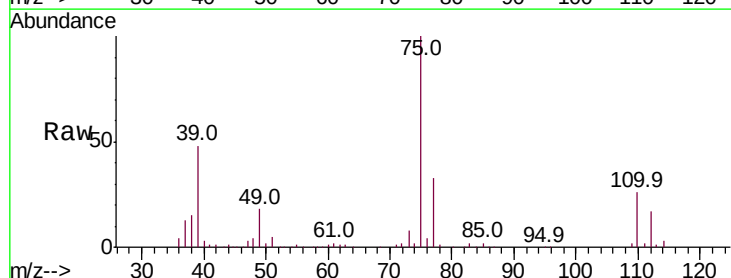
Manual Integrations
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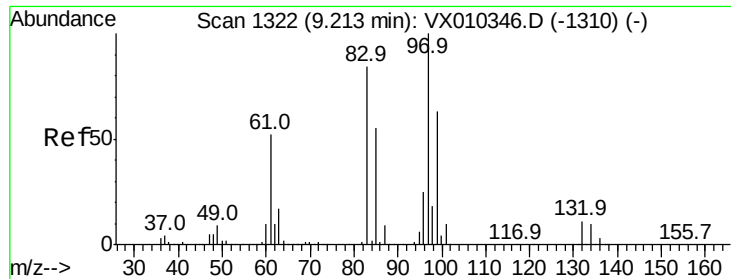
MMDadoda
 7/16/2019 10:44:10 AM



#54
 cis-1,3-Dichloropropene
 Concen: 17.653 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion: 75 Resp: 66719
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.2 37.8
 39 48.0 34.5 51.7





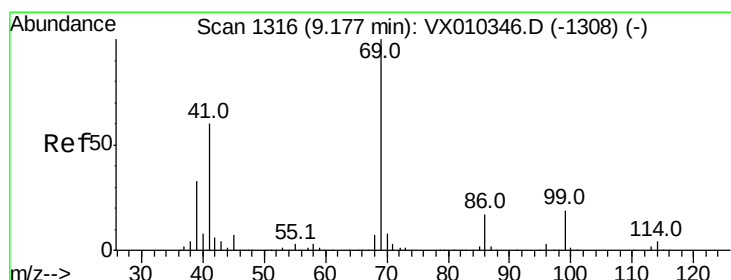
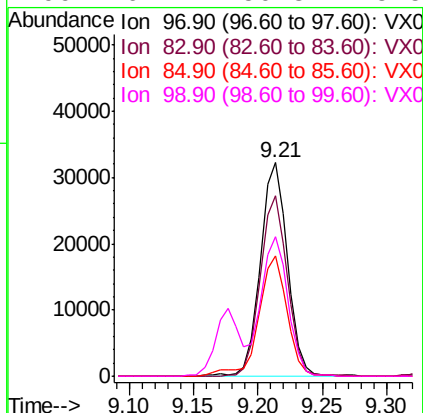
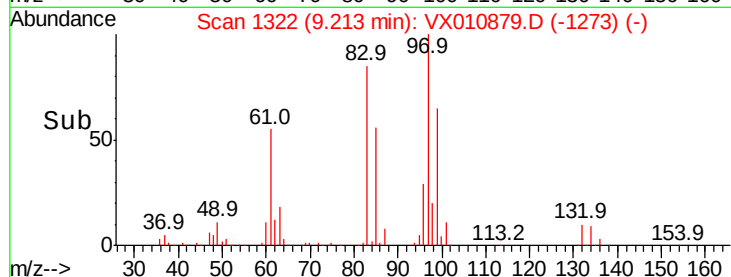
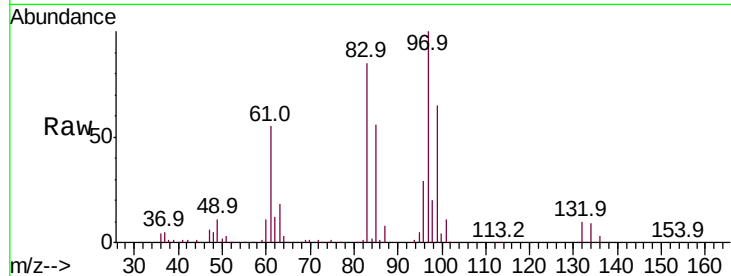
#55
 1,1,2-Trichloroethane
 Concen: 18.457 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	84.3	67.4	101.0	
85	56.5	43.8	65.8	
99	64.7	50.3	75.5	

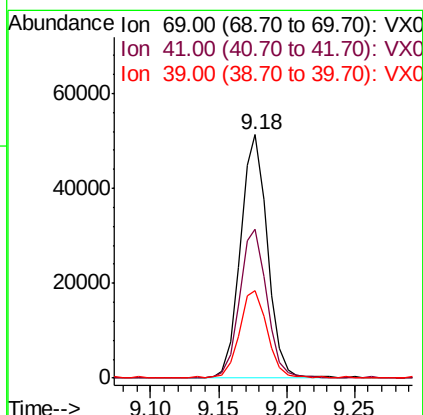
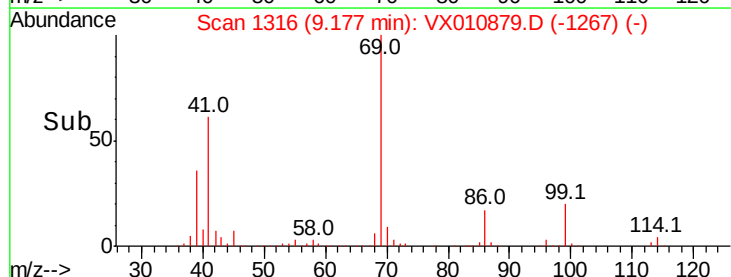
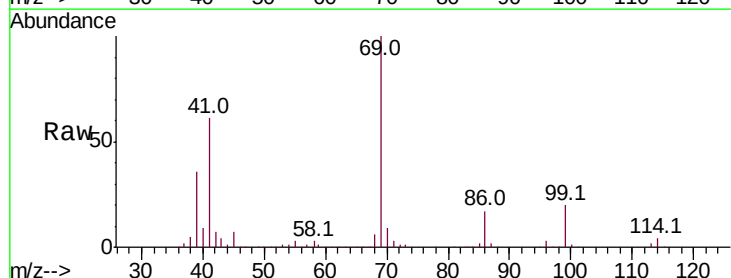
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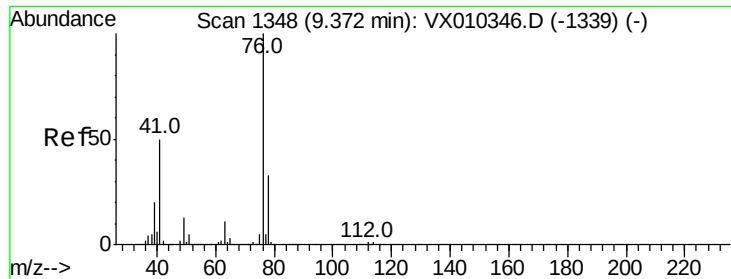
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#56
 Ethyl methacrylate
 Concen: 18.482 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	61.3	47.1	70.7	
39	36.6	26.6	40.0	





#57

1,3-Dichloropropane

Concen: 18.804 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

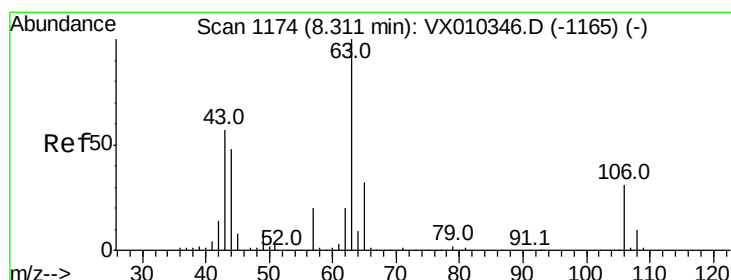
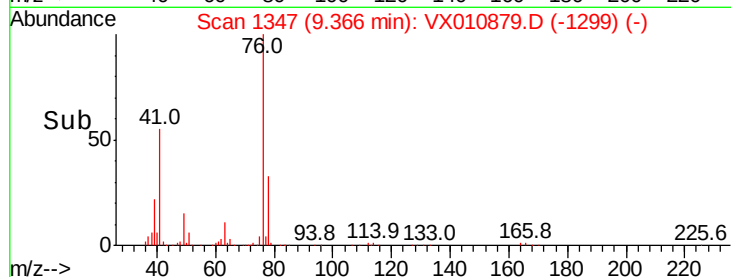
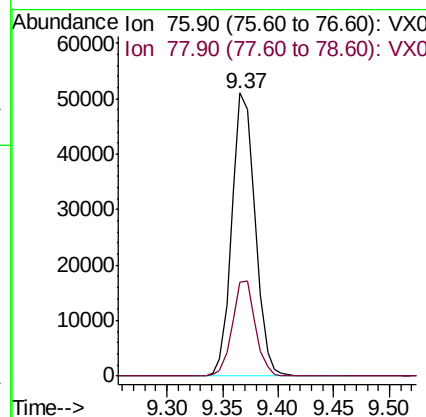
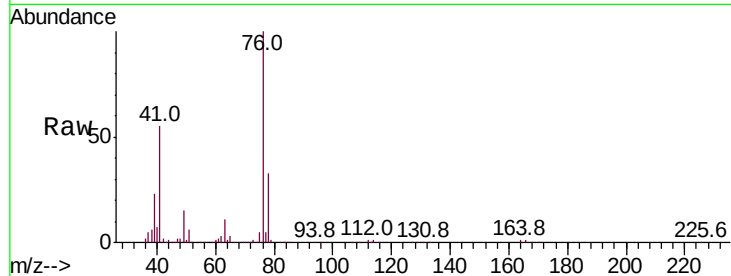
Instrument :
MSVOA_X
ClientSampled :
VX0715WBS01

Tot Ion: 76 Resp: 74065

Ion	Ratio	Lower	Upper
76	100		
78	33.5	26.1	39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 85.277 ug/l

RT: 8.31 min Scan# 1174

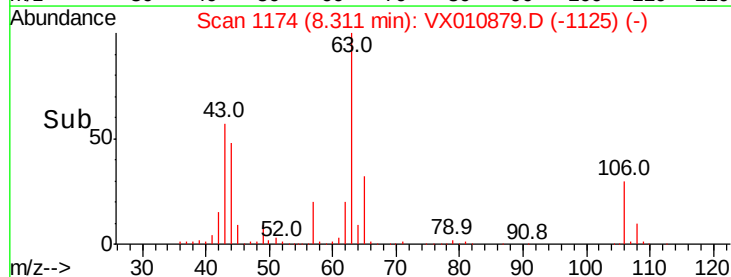
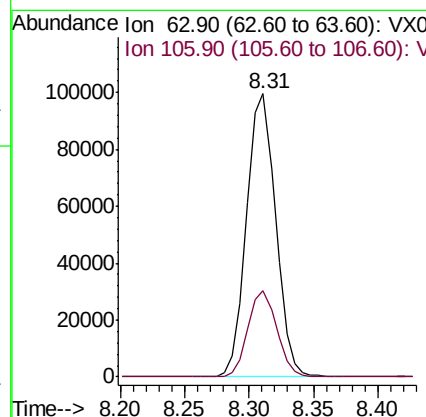
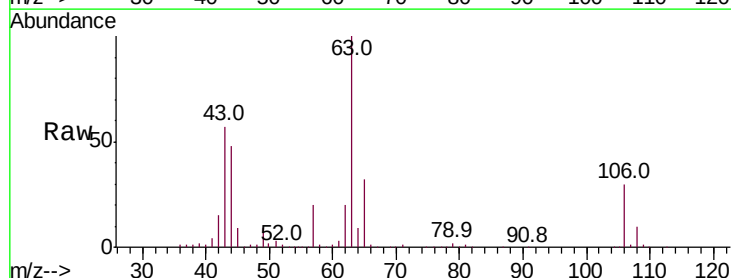
Delta R.T. 0.00 min

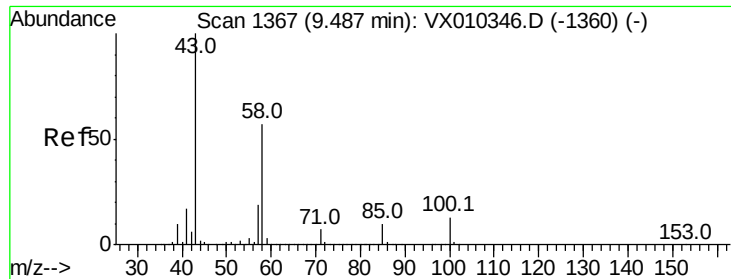
Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion: 63 Resp: 155673

Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.7	37.1





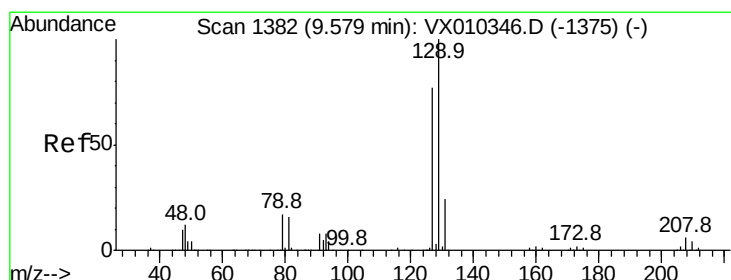
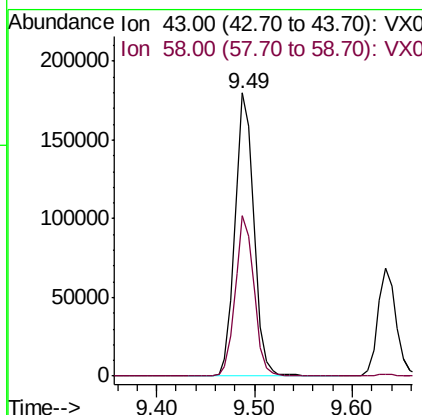
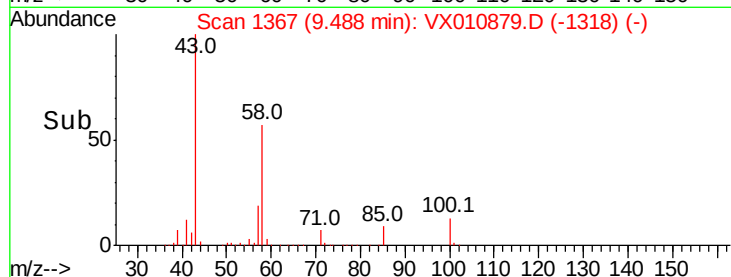
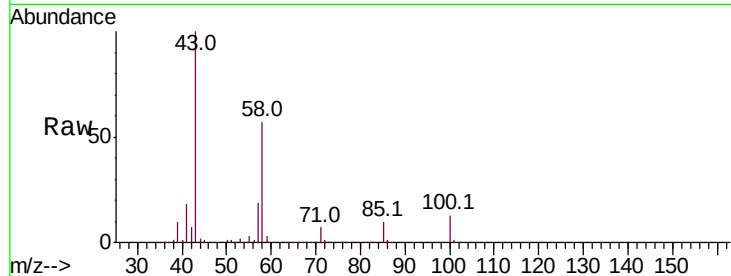
#59
2-Hexanone
Concen: 93.724 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion: 43 Resp: 240791
Ion Ratio Lower Upper
43 100
58 56.1 29.0 87.1

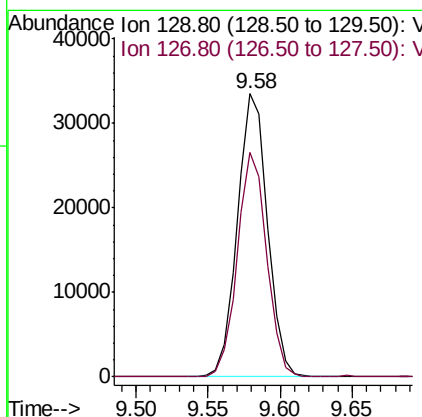
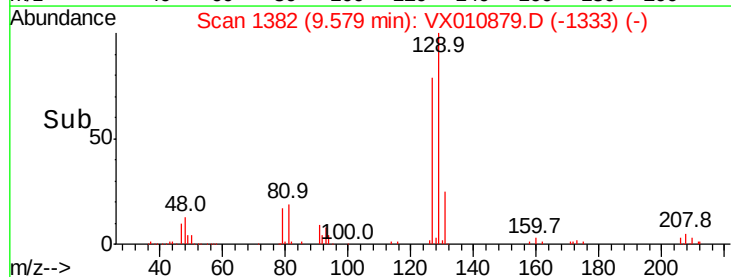
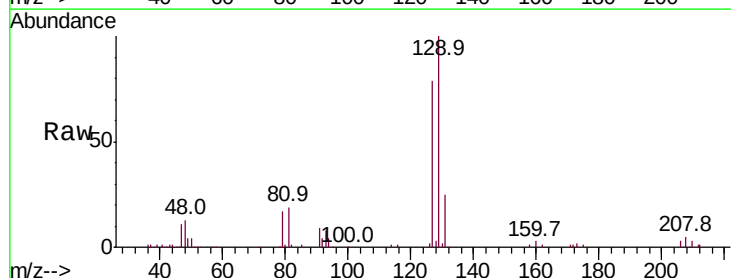
Manual Integrations
APPROVED

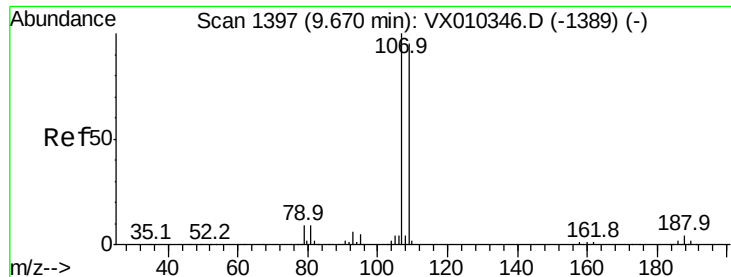
MMDadoda
7/16/2019 10:44:10 AM



#60
Dibromochloromethane
Concen: 17.118 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 129 Resp: 48631
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.486 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion:107 Resp: 50628

Ion Ratio Lower Upper

107 100

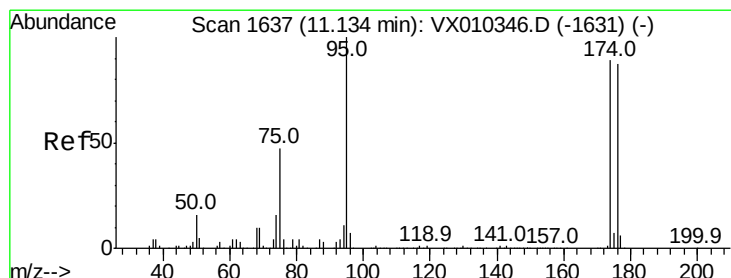
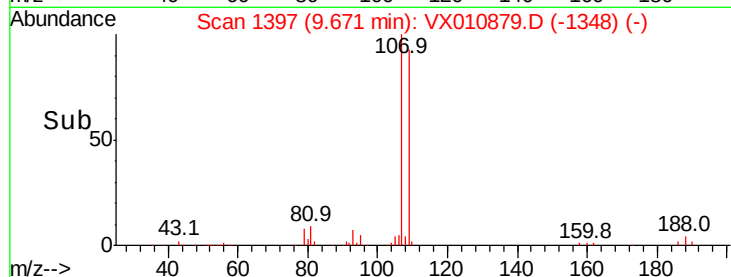
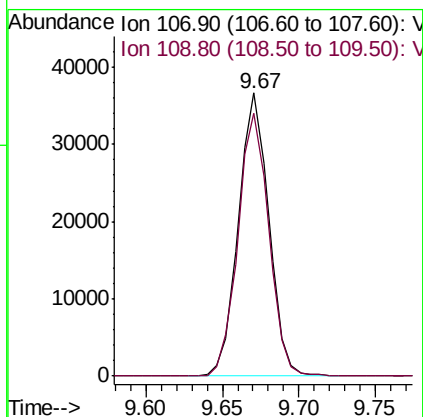
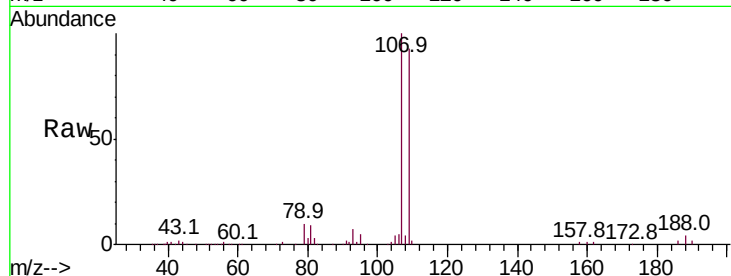
109 94.1 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 44.054 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

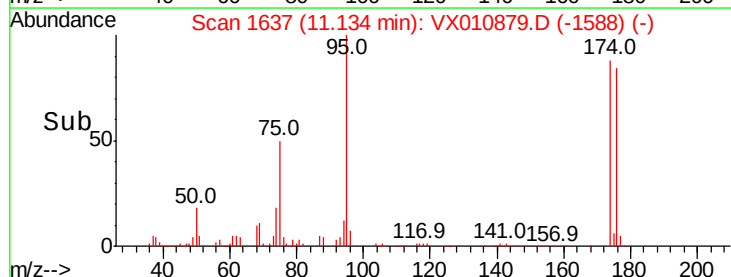
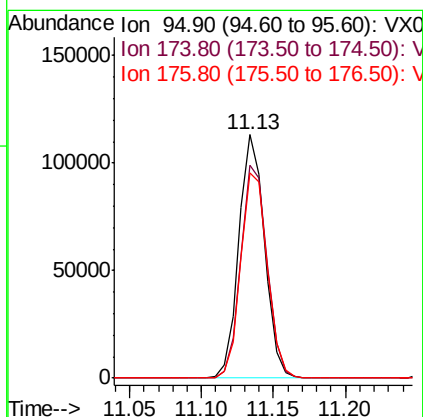
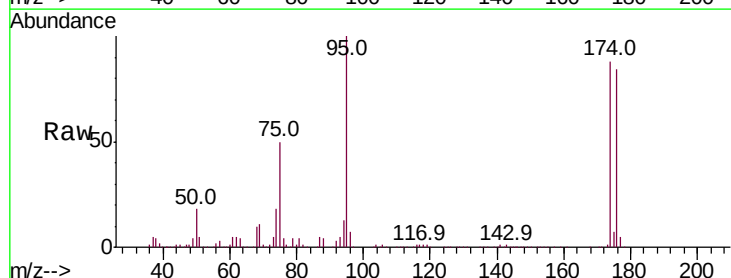
Tgt Ion: 95 Resp: 140488

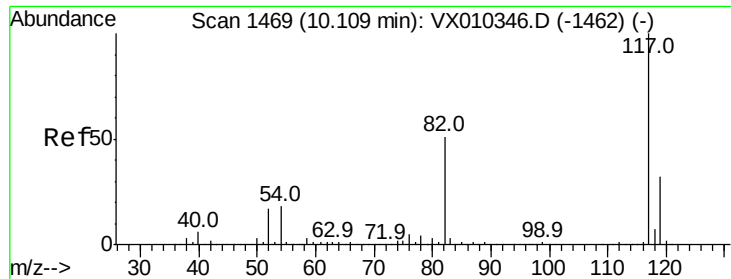
Ion Ratio Lower Upper

95 100

174 89.5 0.0 187.6

176 87.3 0.0 184.0





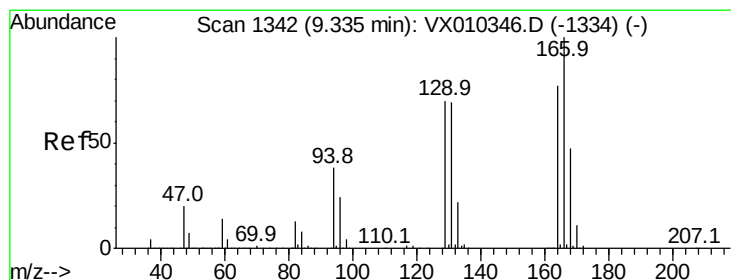
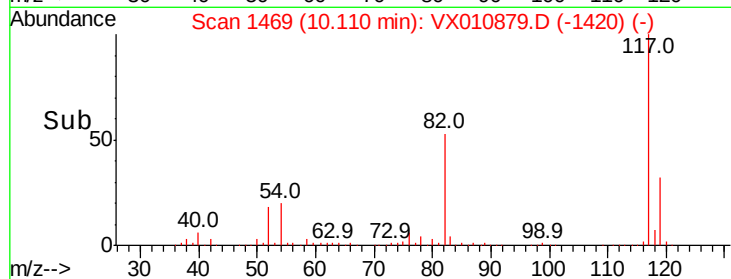
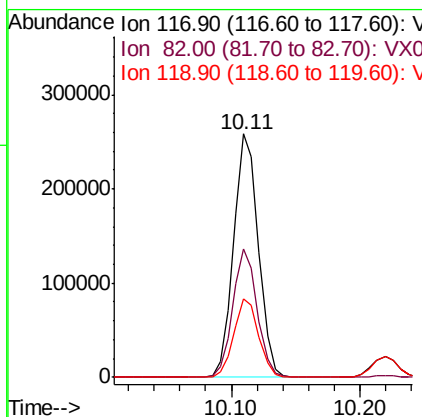
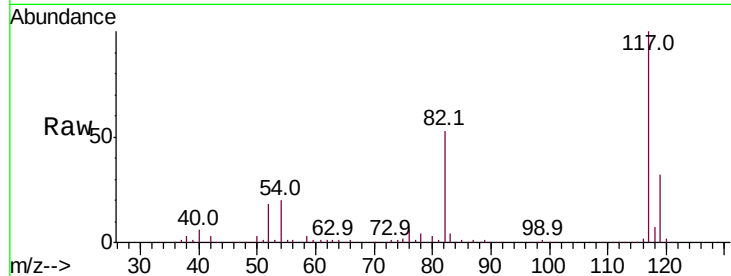
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	346649		
82	52.9	41.2	61.8	
119	32.2	25.5	38.3	

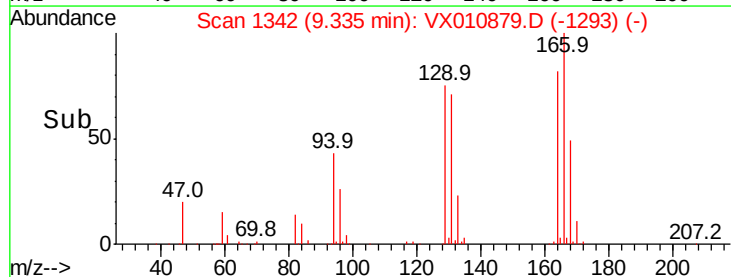
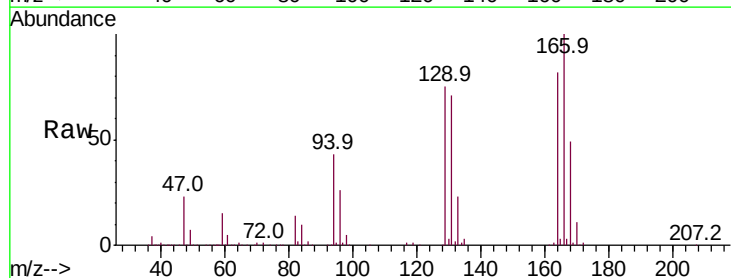
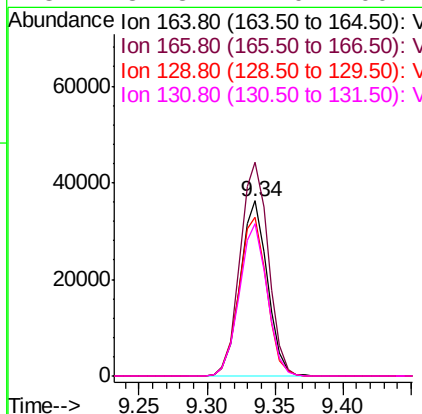
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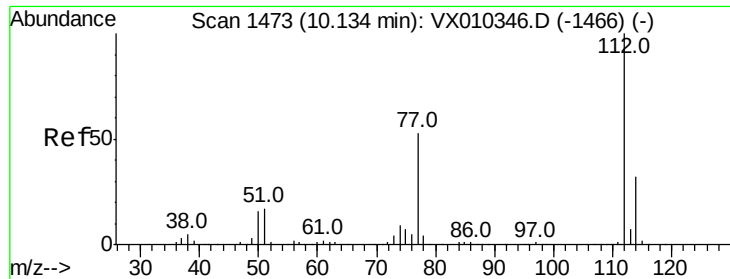
MMDadoda
7/16/2019 10:44:10 AM



#64
Tetrachloroethene
Concen: 18.051 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50612		
166	122.2	103.6	155.4	
129	91.0	73.0	109.4	
131	87.3	71.0	106.4	





#65

Chlorobenzene

Concen: 18.167 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS01

Tot Ion:112 Resp: 127856

Ion Ratio Lower Upper

112 100

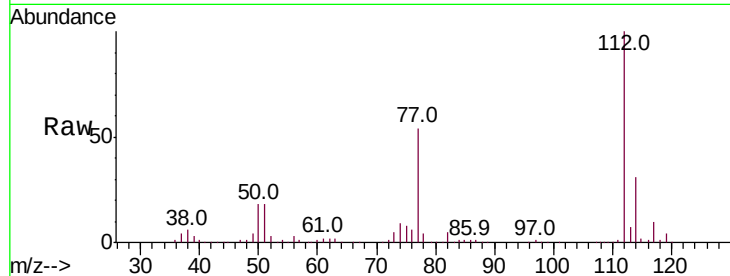
114 31.2 25.4 38.2

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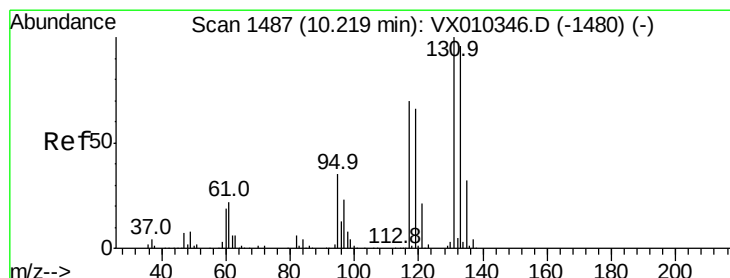
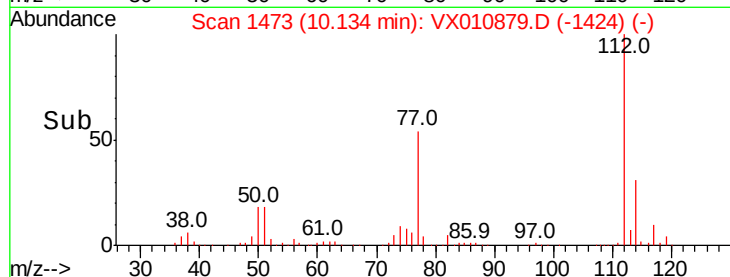
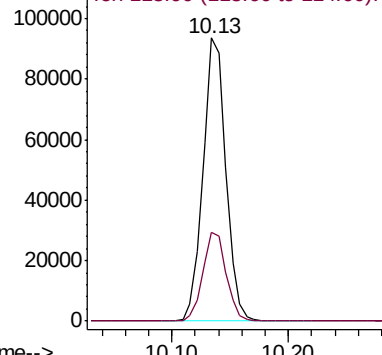
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.112 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

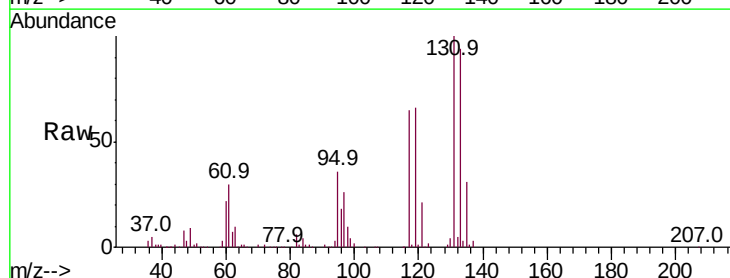
Tgt Ion:131 Resp: 46429

Ion Ratio Lower Upper

131 100

133 93.2 47.7 143.1

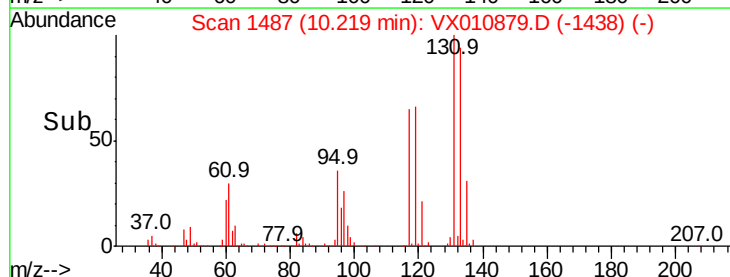
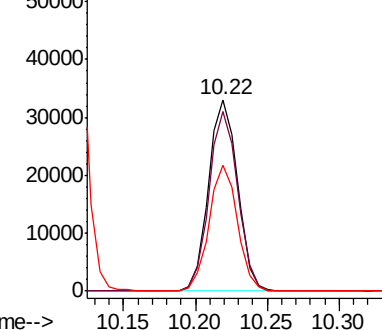
119 64.4 32.6 97.7

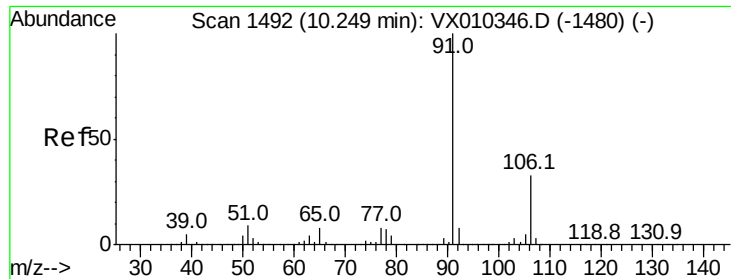


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





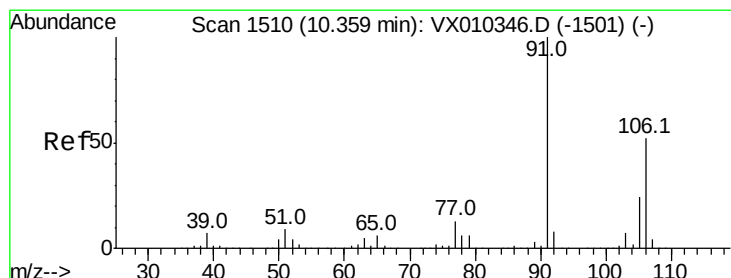
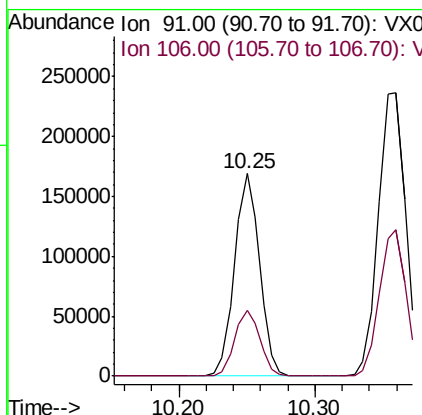
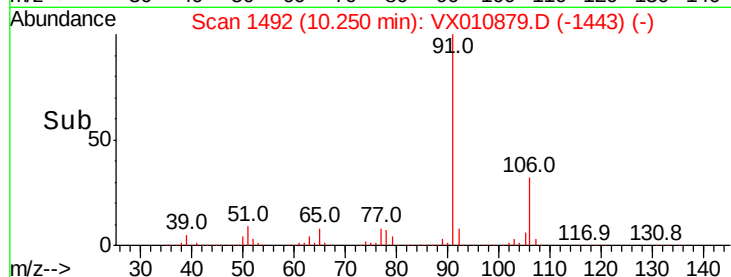
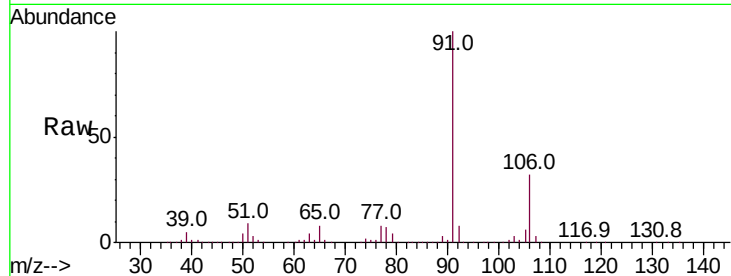
#67
Ethyl Benzene
Concen: 18.282 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion: 91 Resp: 217215
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2

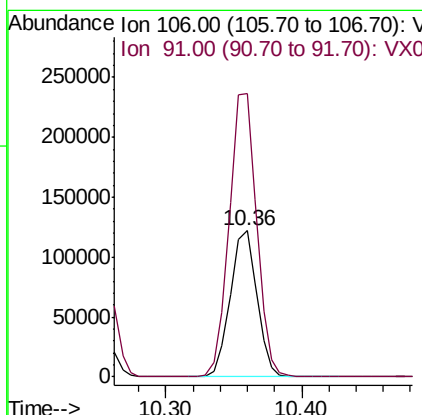
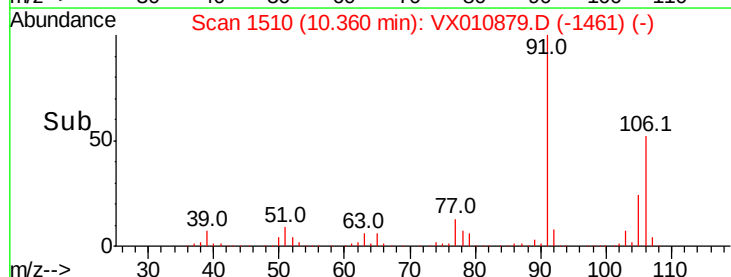
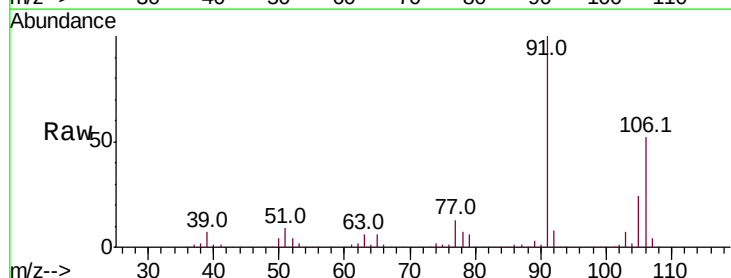
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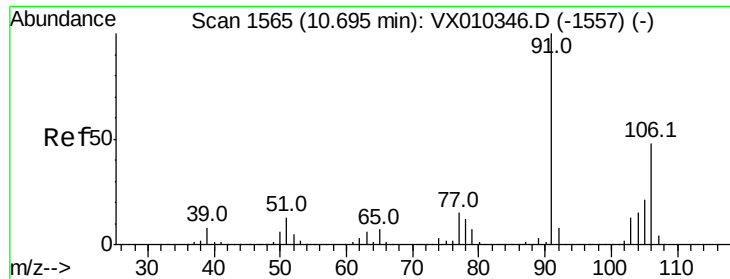
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#68
m/p-Xylenes
Concen: 36.372 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion: 106 Resp: 167443
Ion Ratio Lower Upper
106 100
91 198.8 155.3 232.9





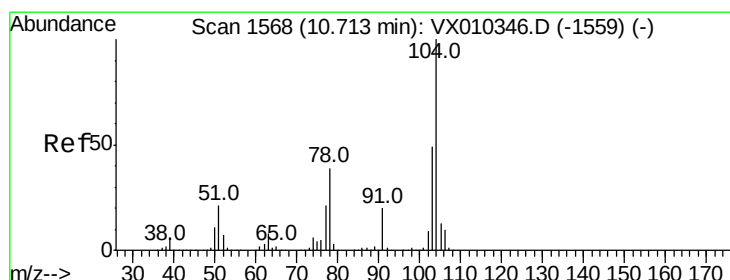
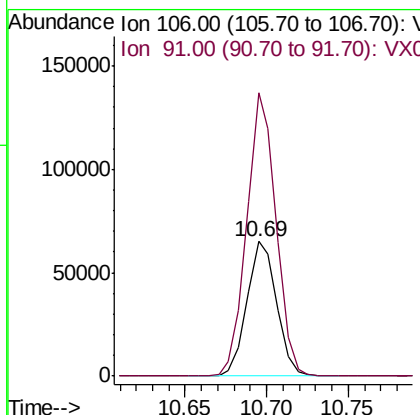
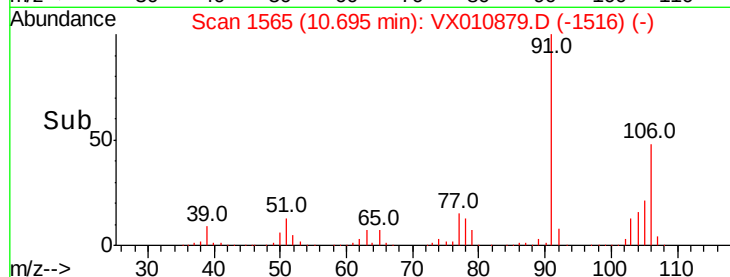
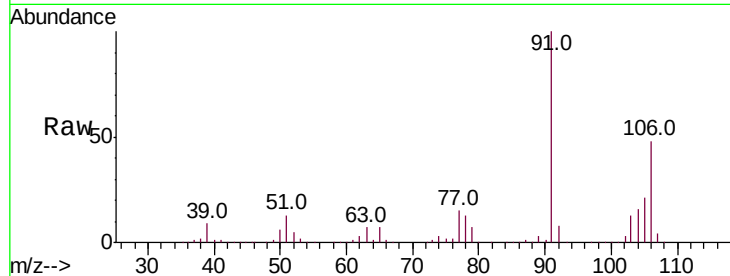
#69
o-Xylene
Concen: 18.428 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion:106 Resp: 83429
Ion Ratio Lower Upper
106 100
91 206.1 102.7 308.1

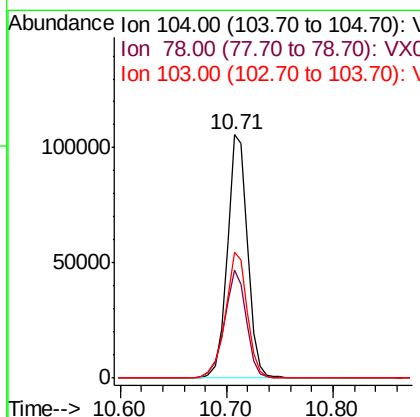
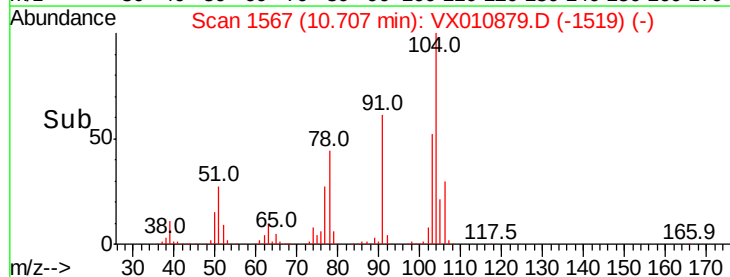
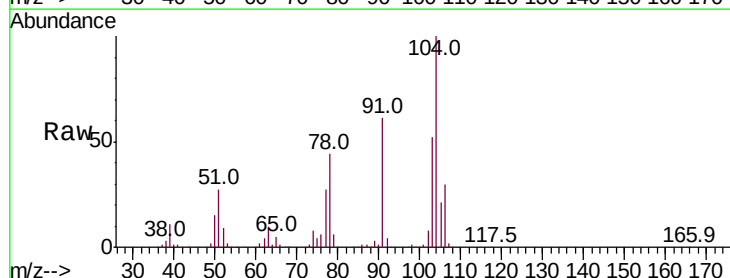
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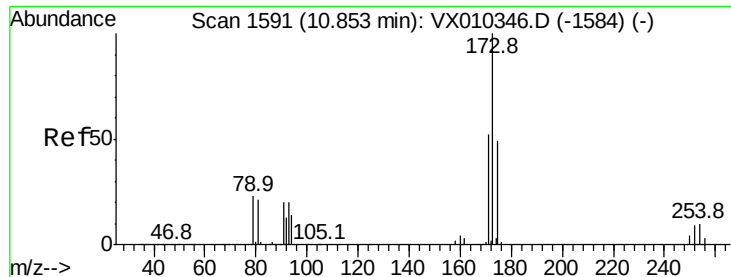
MMDadoda
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#70
Styrene
Concen: 18.442 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:104 Resp: 140015
Ion Ratio Lower Upper
104 100
78 48.0 36.2 54.2
103 55.6 44.2 66.4





#71

Bromoform

Concen: 15.995 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion:173 Resp: 35658

Ion Ratio Lower Upper

173 100

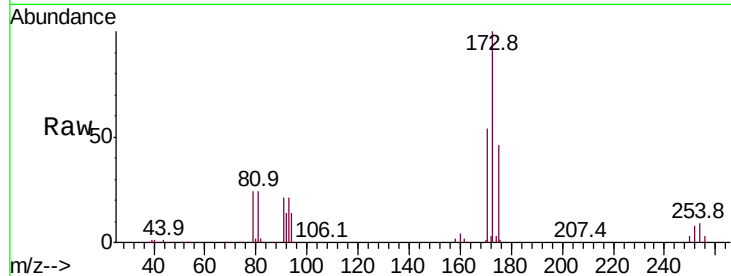
175 48.1 24.1 72.3

254 0.1 0.2 0.2#

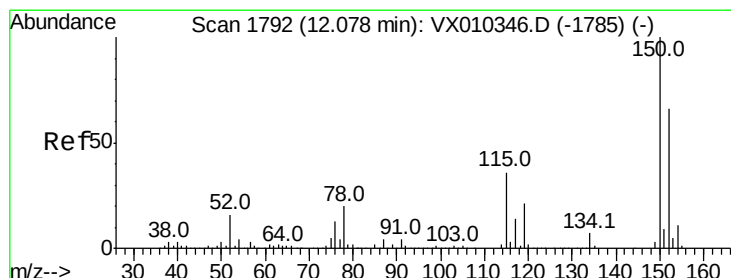
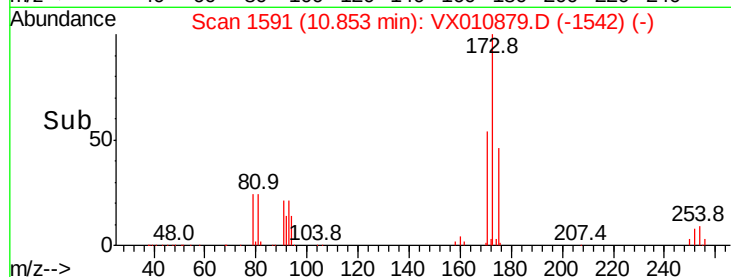
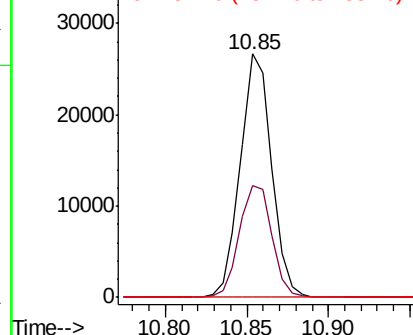
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

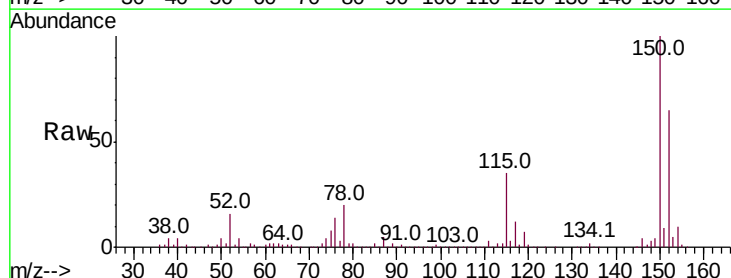
Tgt Ion:152 Resp: 179417

Ion Ratio Lower Upper

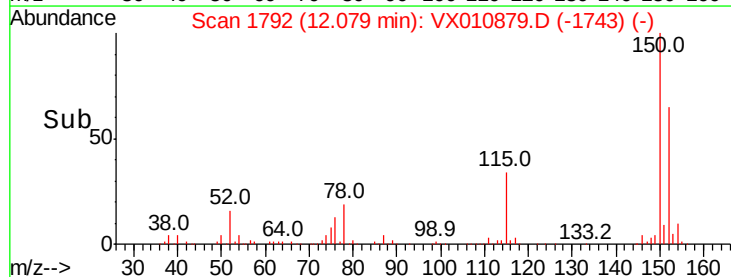
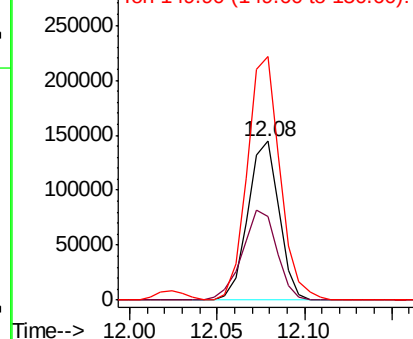
152 100

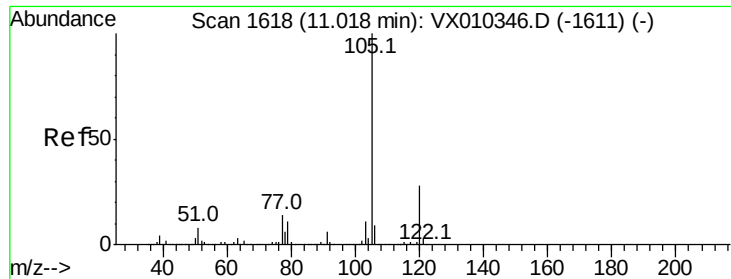
115 63.4 38.6 115.7

150 160.7 0.0 347.4



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





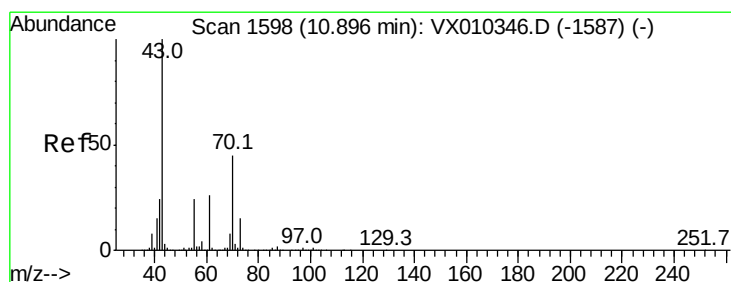
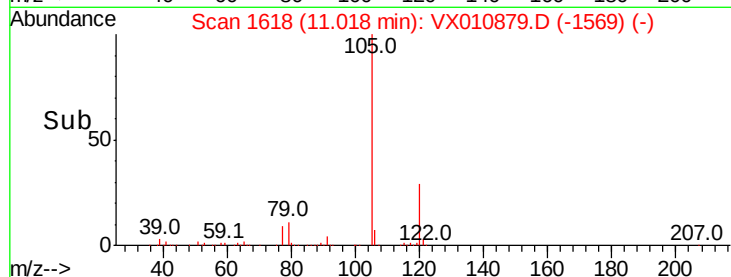
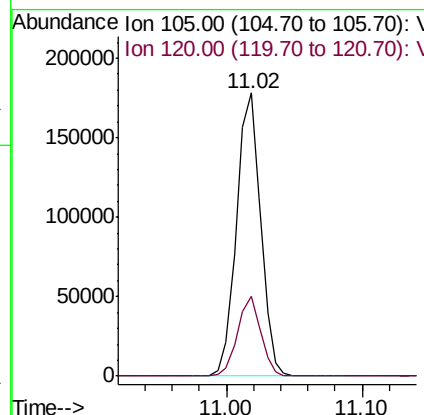
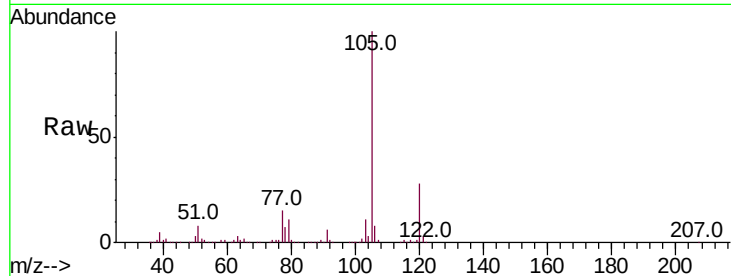
#73
Isopropylbenzene
Concen: 18.049 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	14.1	42.4

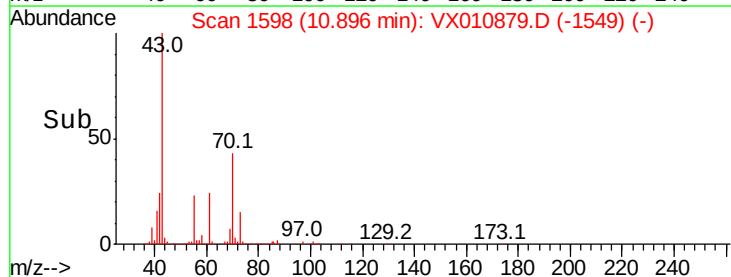
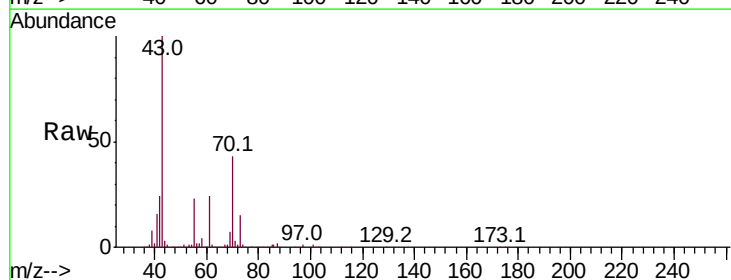
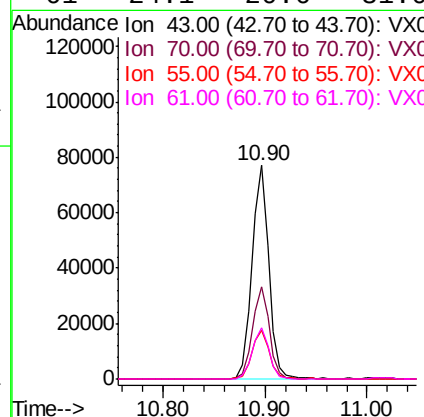
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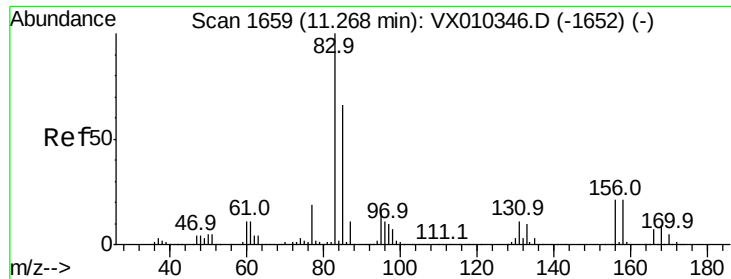
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#74
N-ethyl acetate
Concen: 19.188 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	36.6	54.8
55	23.8	18.7	28.1
61	24.1	20.6	31.0





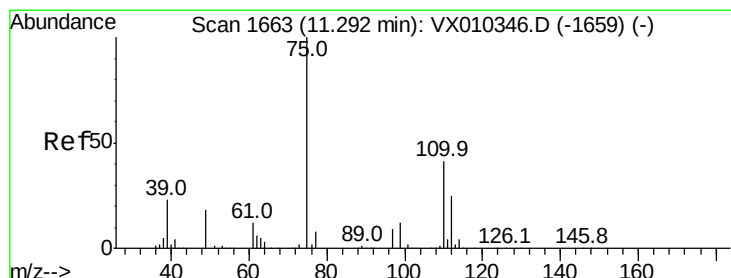
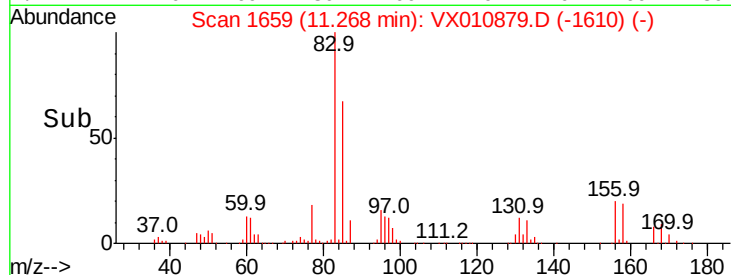
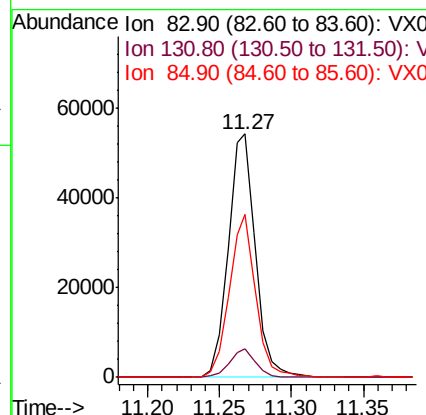
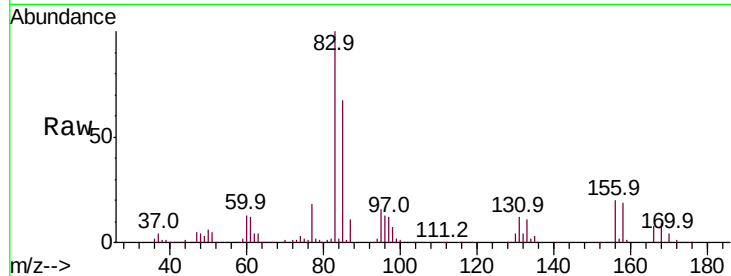
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.830 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	71814		
131	11.3	5.5	16.4	
85	65.1	32.3	96.8	

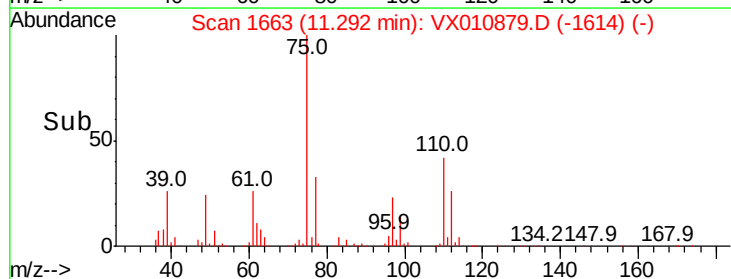
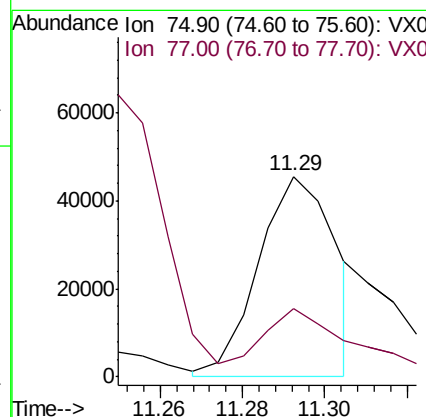
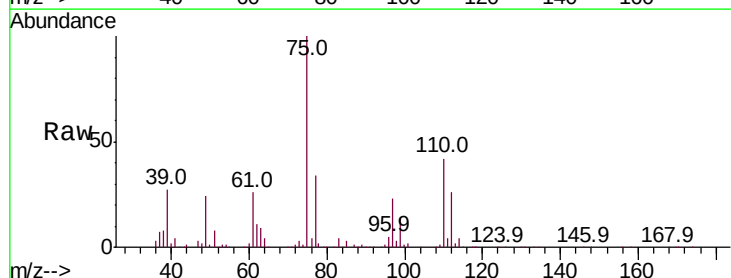
Manual Integrations
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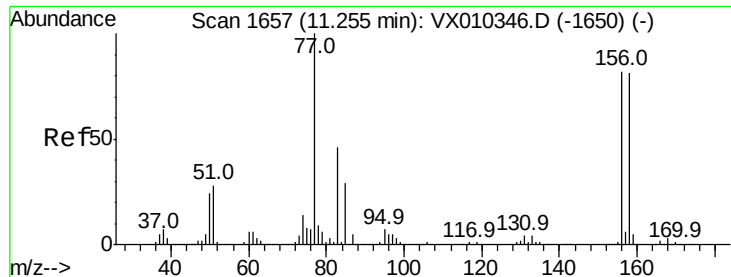
MMDadoda
 7/16/2019 10:44:10 AM



#76
 1,2,3-Trichloropropane
 Concen: 18.290 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59797		
77	41.3	22.6	67.8	





#77

Bromobenzene

Concen: 17.427 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion:156 Resp: 59182

Ion Ratio Lower Upper

156 100

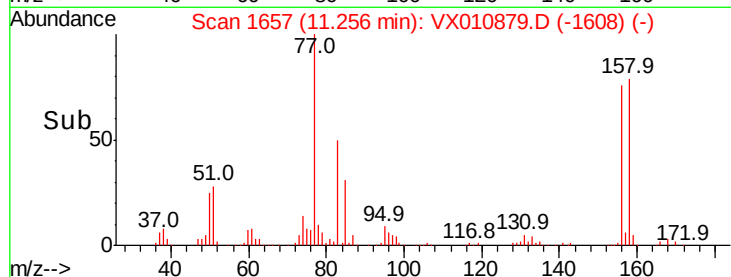
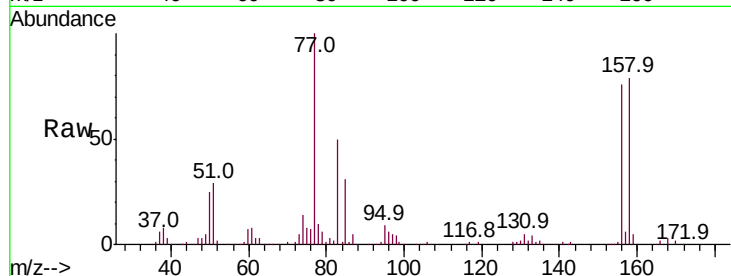
77 139.0 66.3 198.7

158 98.8 48.9 146.7

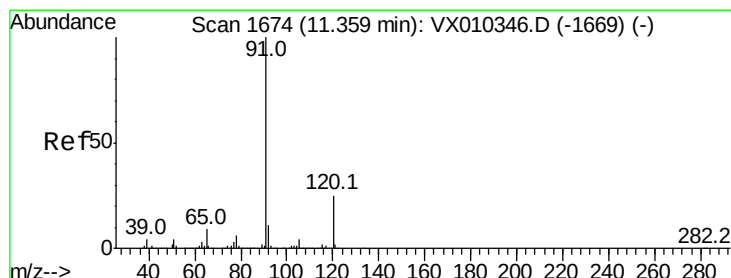
Manual Integrations
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7/16/2019 10:44:10 AM



Time-->



#78

n-propylbenzene

Concen: 18.285 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010879.D

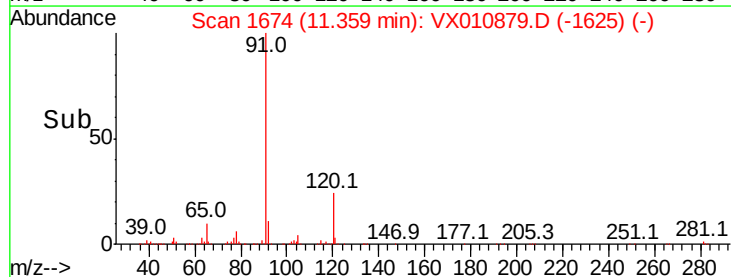
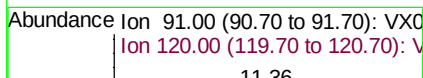
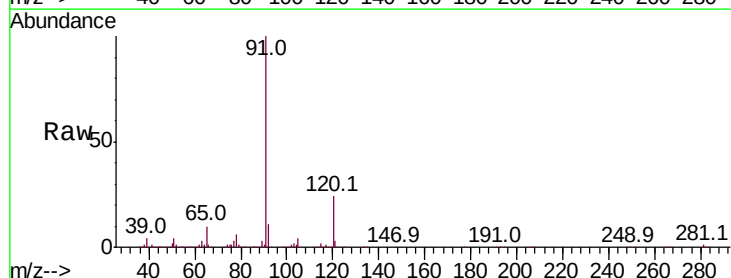
Acq: 15 Jul 2019 13:09

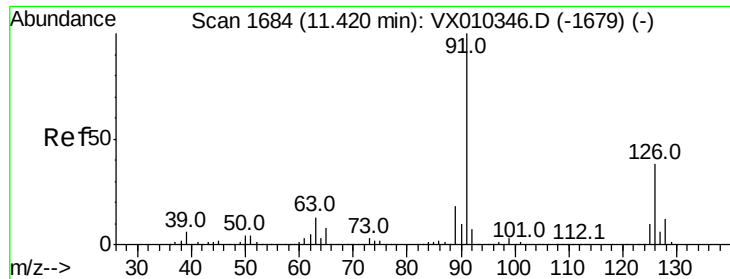
Tgt Ion: 91 Resp: 244409

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.4





#79

2-Chlorotoluene

Concen: 18.350 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0715WBS01

Tot Ion: 91 Resp: 146060

Ion Ratio Lower Upper

91 100

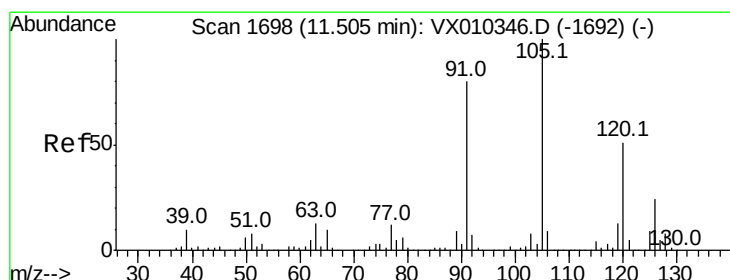
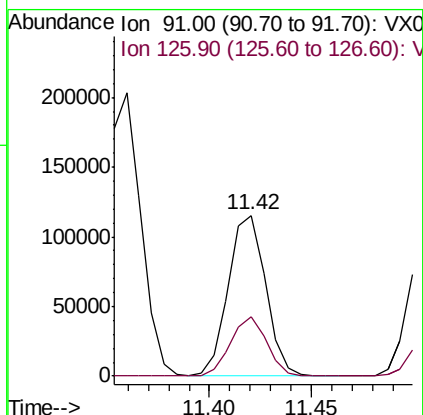
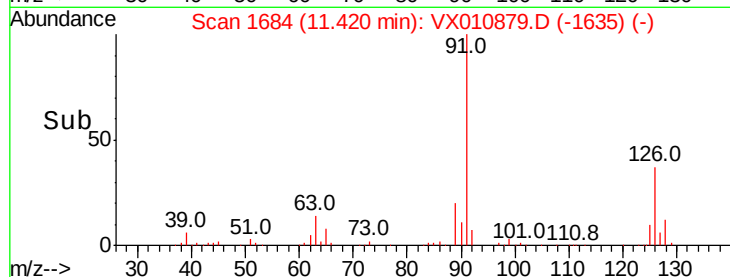
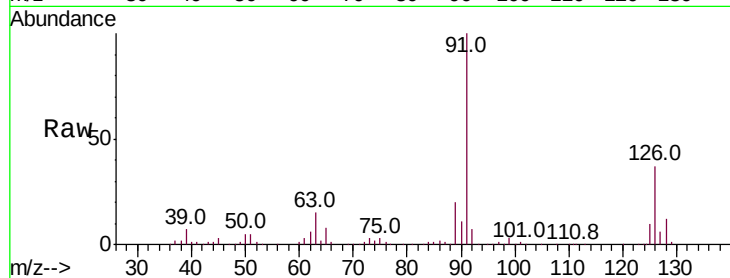
126 36.2 18.7 56.1

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#80

1,3,5-Trimethylbenzene

Concen: 18.516 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010879.D

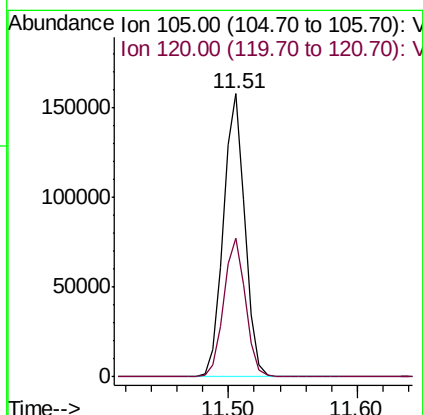
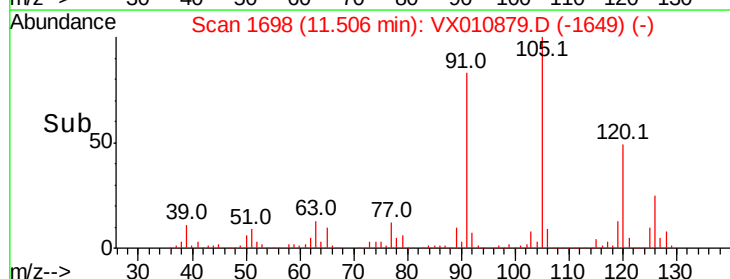
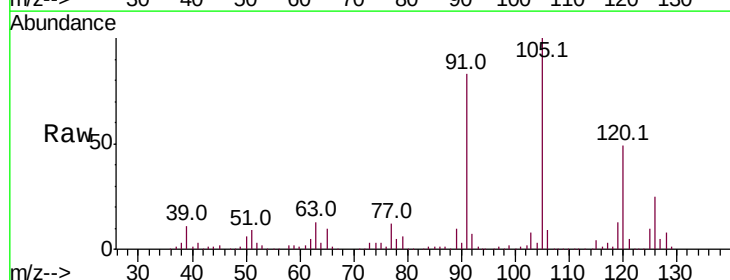
Acq: 15 Jul 2019 13:09

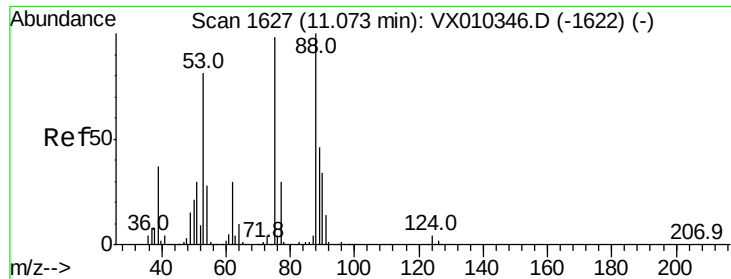
Tgt Ion: 105 Resp: 185644

Ion Ratio Lower Upper

105 100

120 49.7 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.641 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

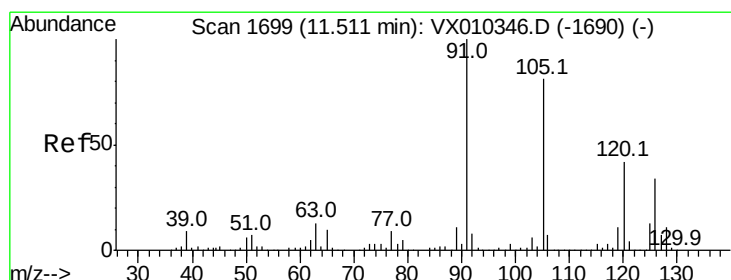
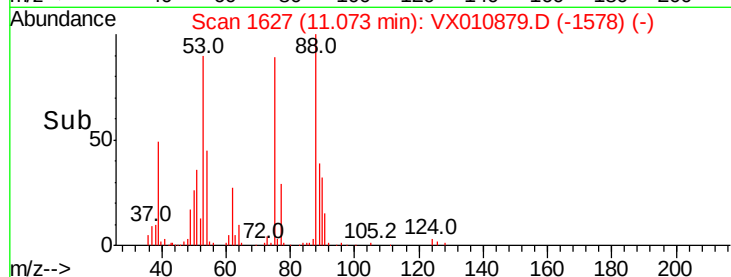
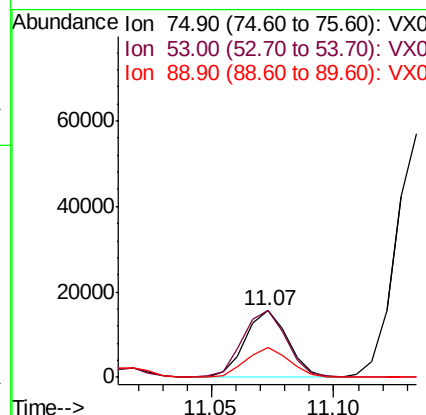
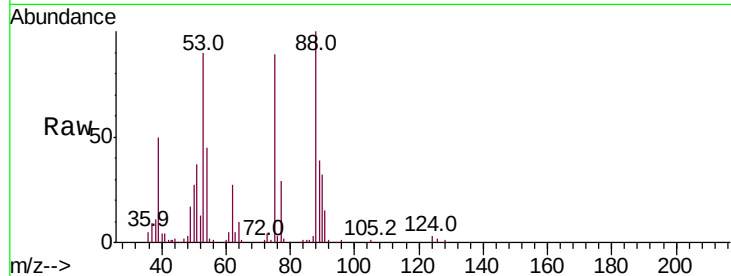
ClientSampleId :

VX0715WBS01

Tot Ion:	75	Resp:	19117
Ion Ratio	Lower	Upper	
75	100		
53	102.9	66.1	99.1#
89	45.8	37.8	56.6

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#82

4-Chlorotoluene

Concen: 18.348 ug/l

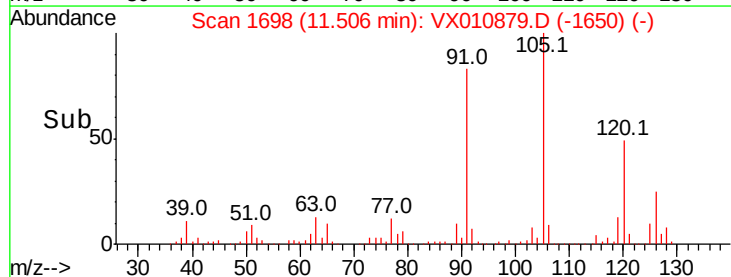
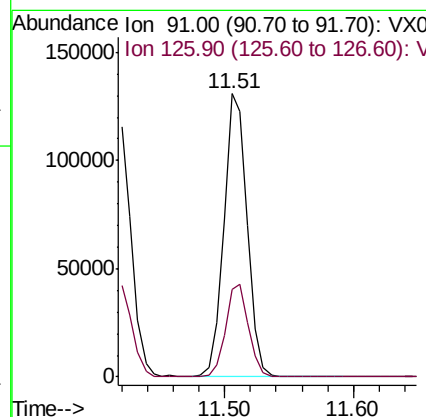
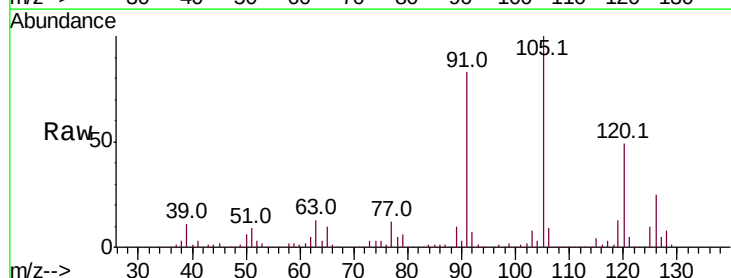
RT: 11.51 min Scan# 1698

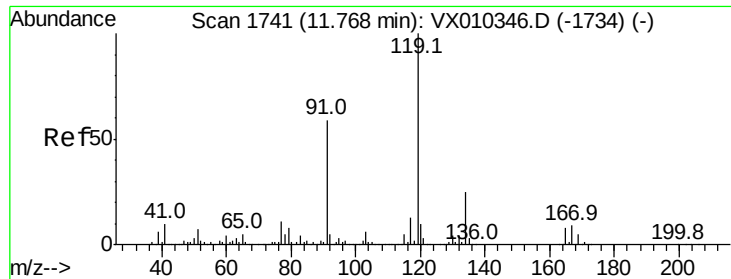
Delta R.T. -0.01 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	91	Resp:	166180
Ion Ratio	Lower	Upper	
91	100		
126	32.2	16.2	48.6





#83

tert-Butylbenzene

Concen: 18.097 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

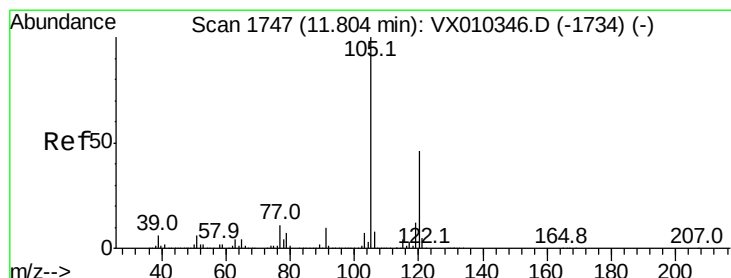
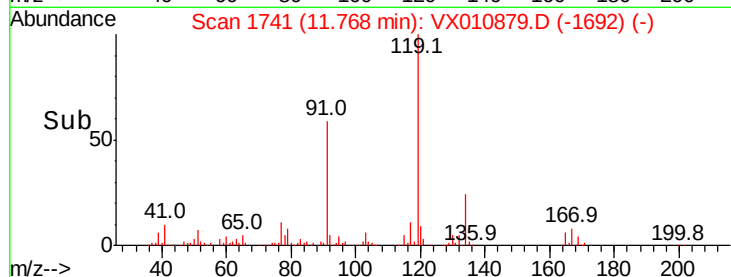
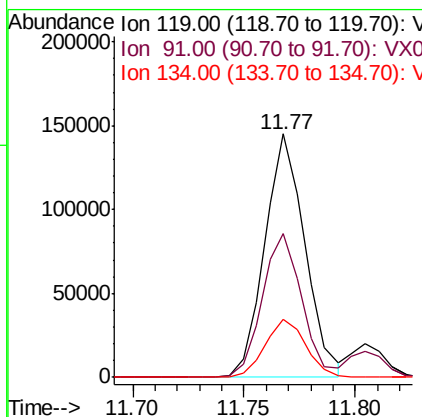
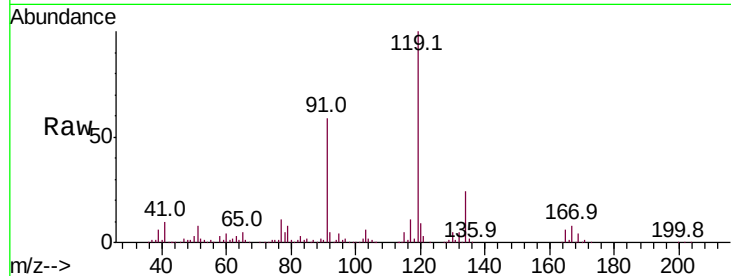
ClientSampleId :

VX0715WBS01

Tot Ion:	119	Resp:	182110
Ion Ratio	Lower	Upper	
119	100		
91	58.2	27.6	82.7
134	24.1	11.8	35.4

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#84

1,2,4-Trimethylbenzene

Concen: 18.310 ug/l

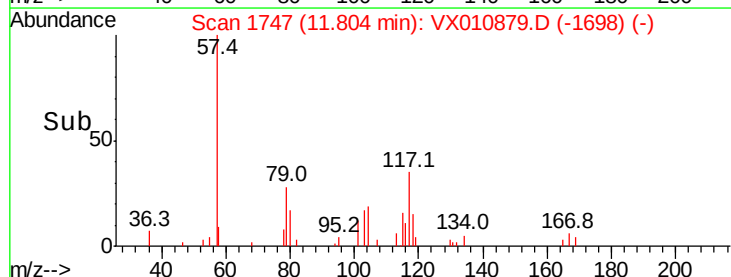
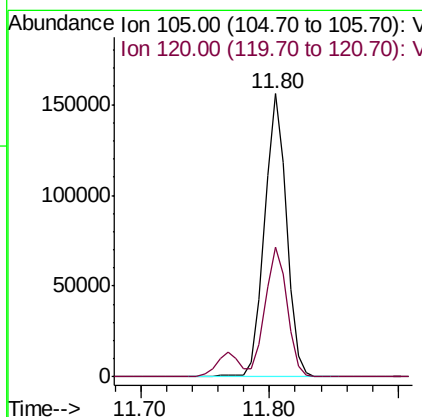
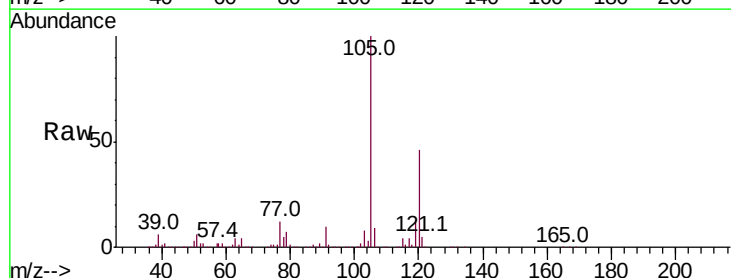
RT: 11.80 min Scan# 1747

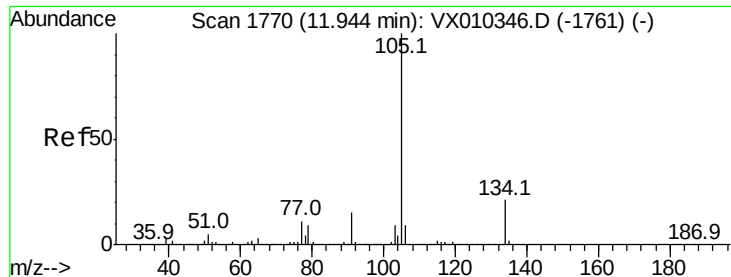
Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Tgt Ion:	105	Resp:	184443
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.195 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS01

Tot Ion:105 Resp: 214986

Ion Ratio Lower Upper

105 100

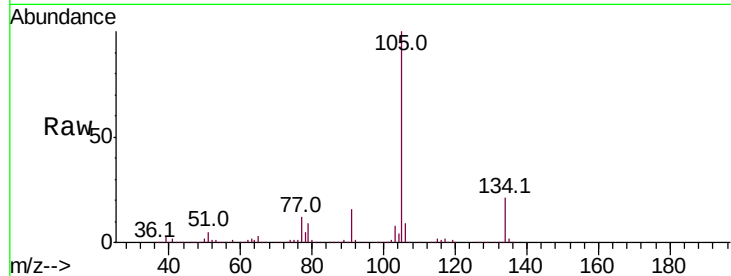
134 21.0 10.7 31.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

150000

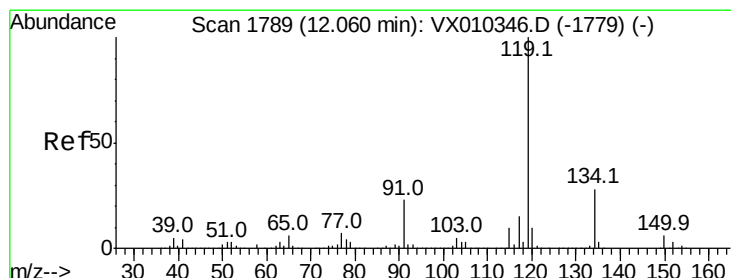
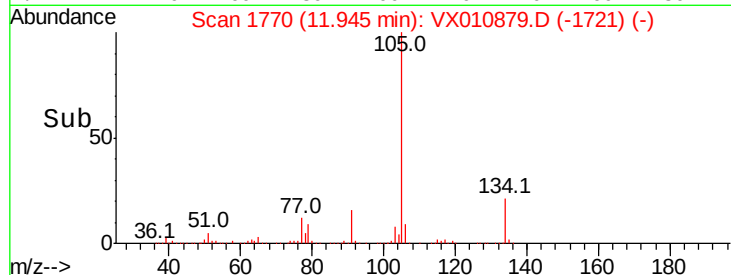
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 17.932 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010879.D

Acq: 15 Jul 2019 13:09

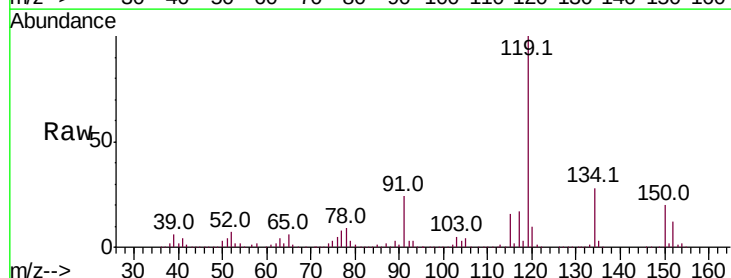
Tgt Ion:119 Resp: 195978

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.8 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

200000

150000

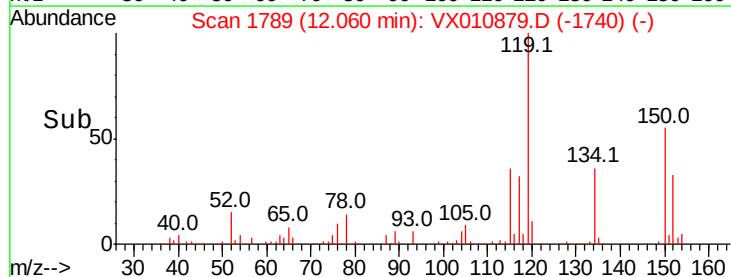
100000

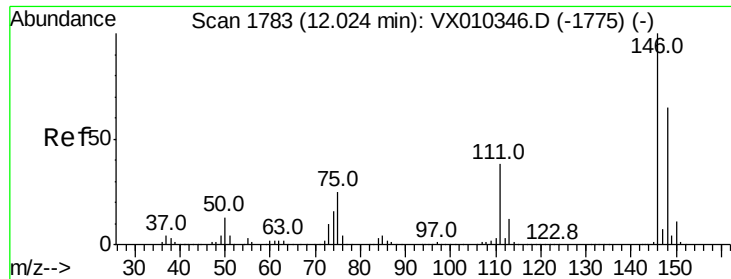
50000

0

Time-->

12.00 12.10





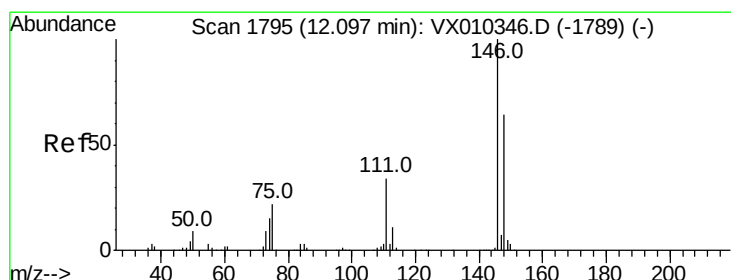
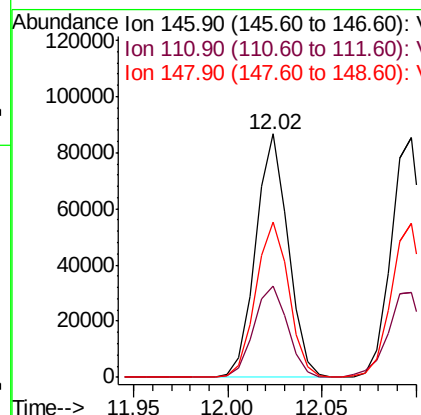
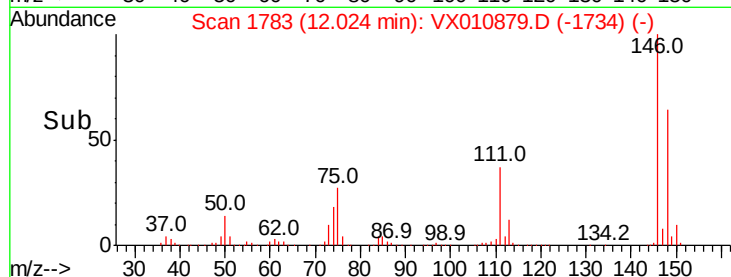
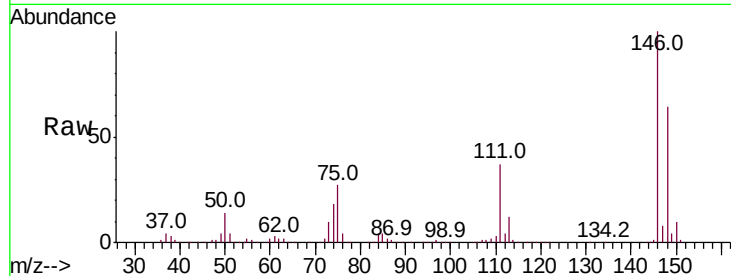
#87
 1,3-Dichlorobenzene
 Concen: 17.400 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	65.1	32.5	97.4

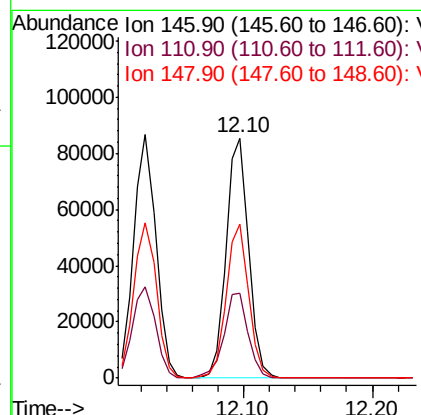
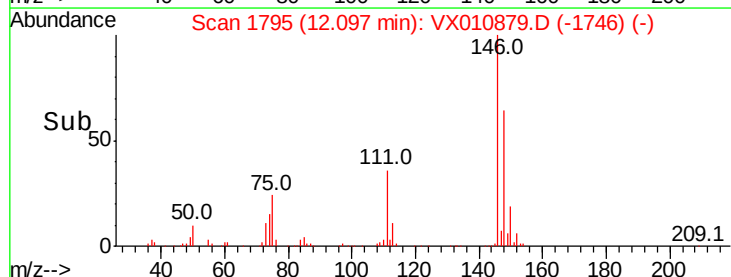
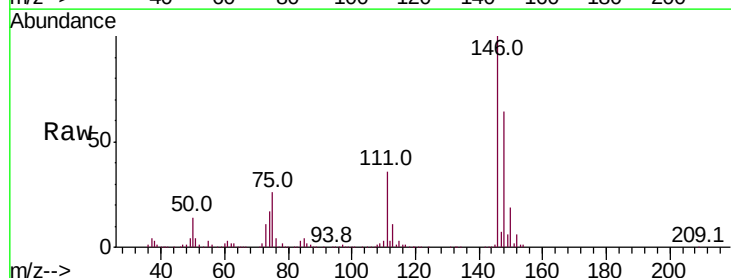
Manual Integrations
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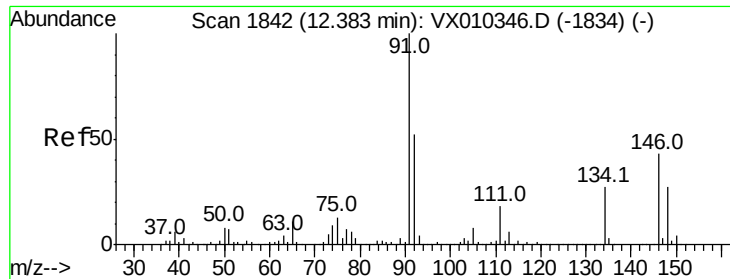
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#88
 1,4-Dichlorobenzene
 Concen: 17.437 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.3
148	64.2	32.1	96.3





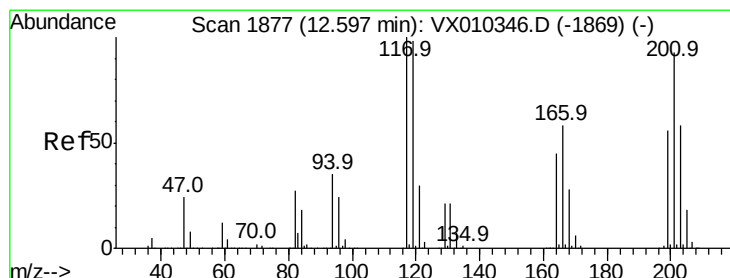
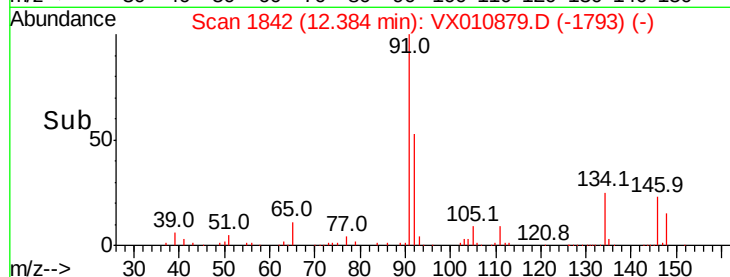
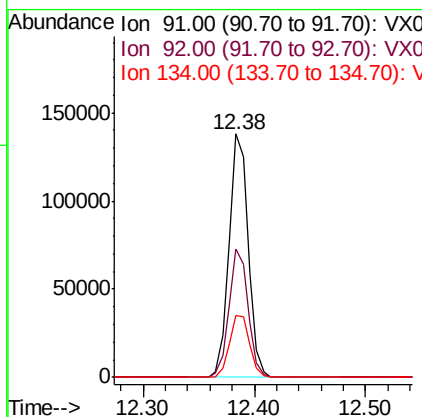
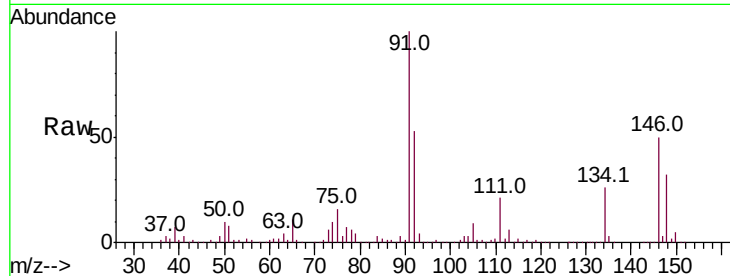
#89
n-Butylbenzene
Concen: 17.686 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.1	14.1	42.4

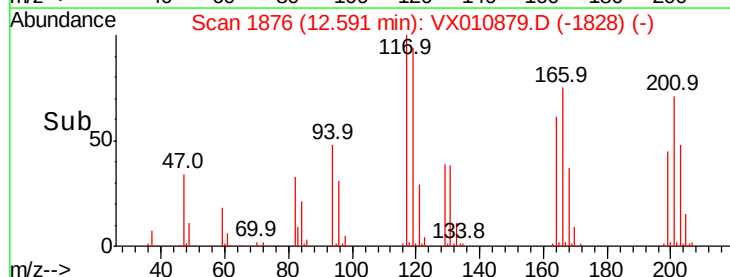
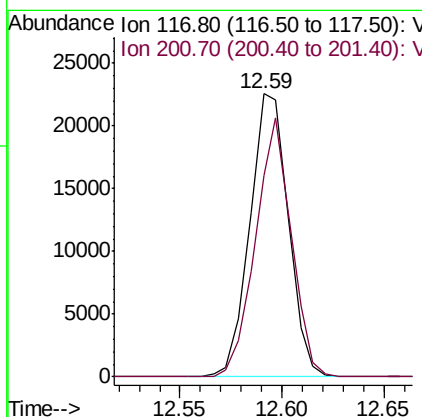
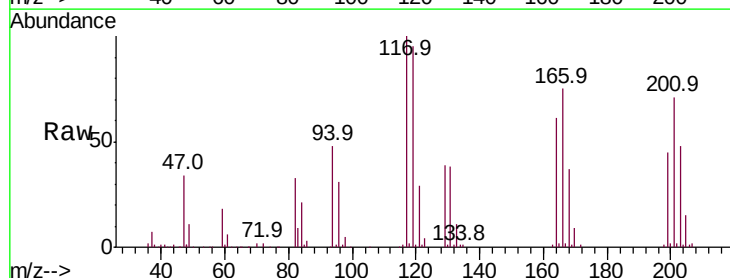
Manual Integrations
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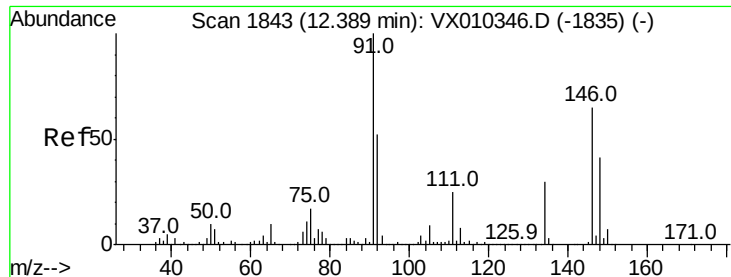
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#90
Hexachloroethane
Concen: 15.705 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	44.0	131.8





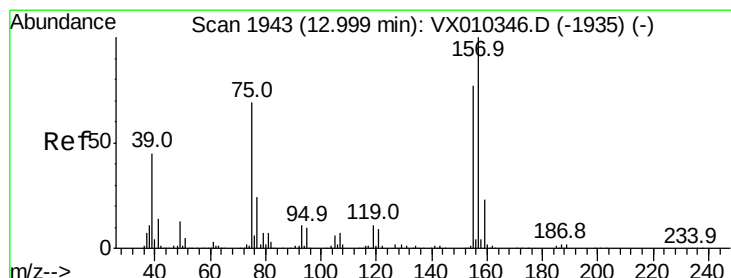
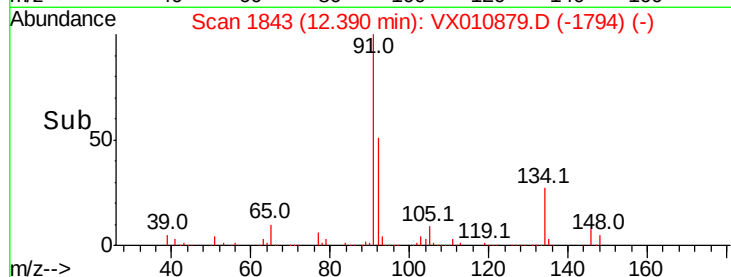
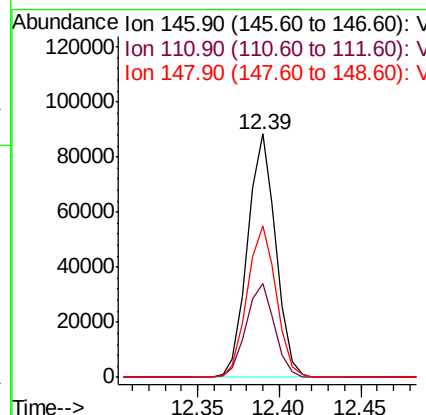
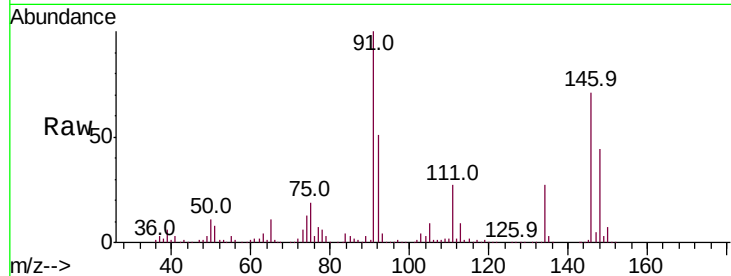
#91
 1,2-Dichlorobenzene
 Concen: 18.120 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.8	19.2	57.6	
148	64.1	32.0	96.0	

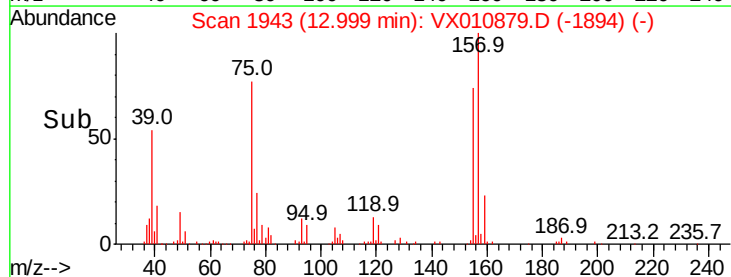
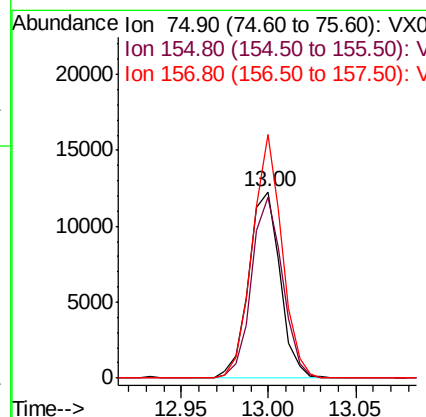
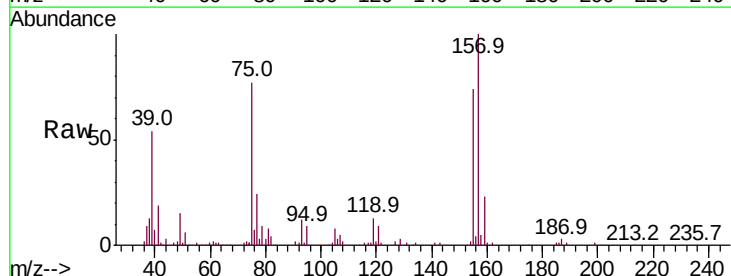
Manual Integrations
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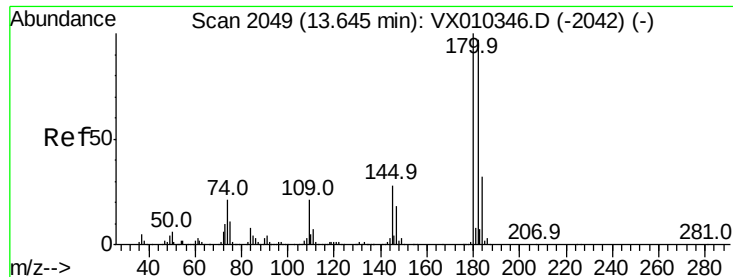
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.655 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	95.2	54.4	163.1	
157	122.8	69.5	208.3	





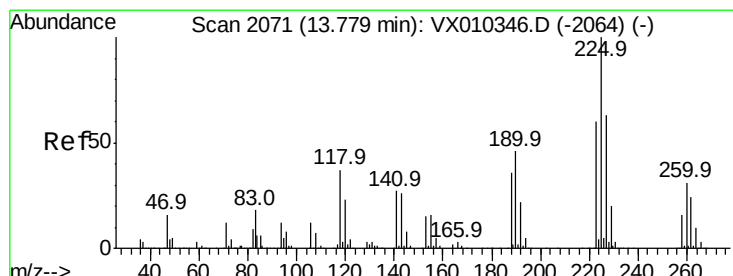
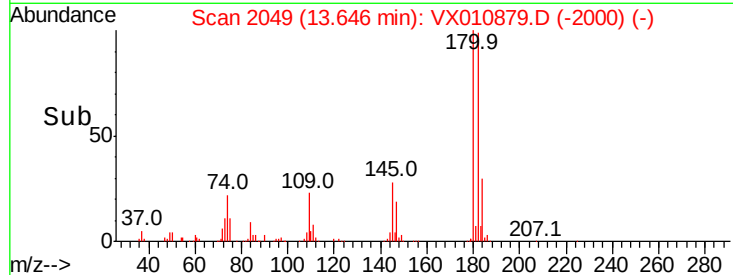
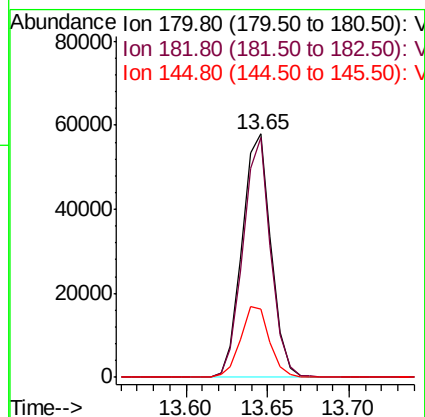
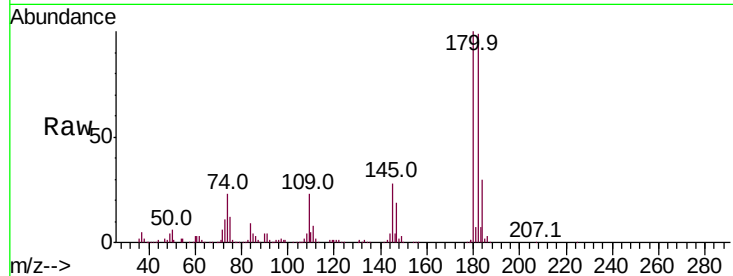
#93
 1,2,4-Trichlorobenzene
 Concen: 17.498 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	71494		
182	94.7	48.0	144.0	
145	29.3	14.4	43.4	

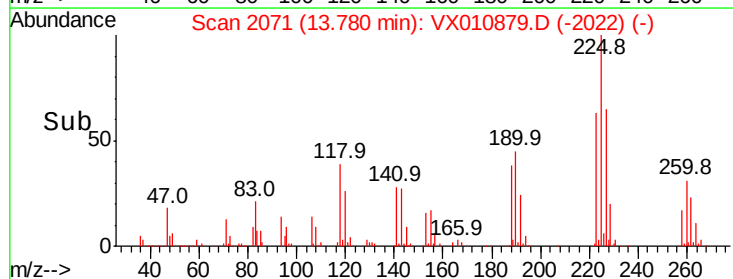
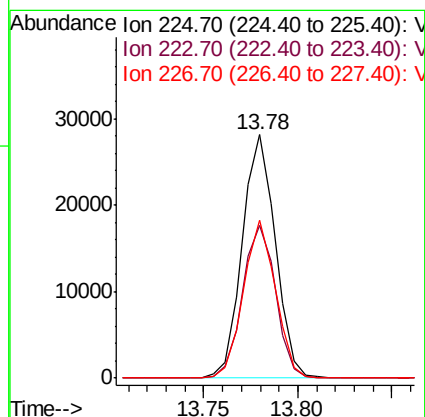
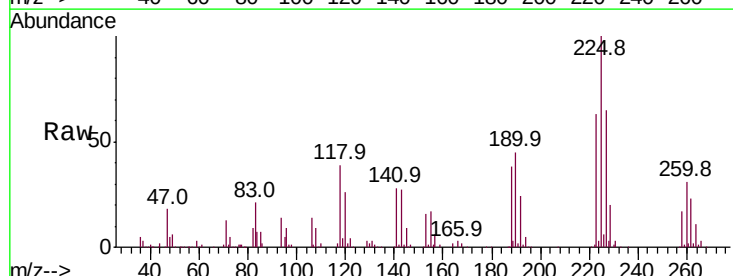
Manual Integrations
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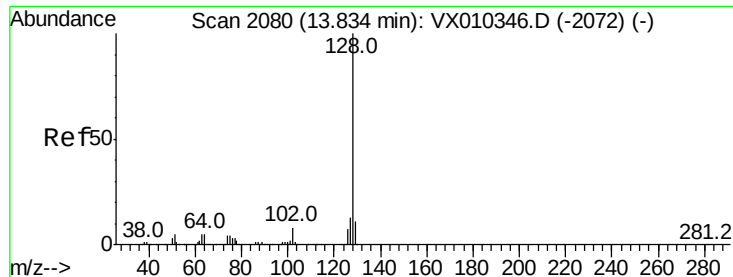
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#94
 Hexachlorobutadiene
 Concen: 17.120 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010879.D
 Acq: 15 Jul 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34187		
223	63.0	30.9	92.7	
227	63.0	31.9	95.5	





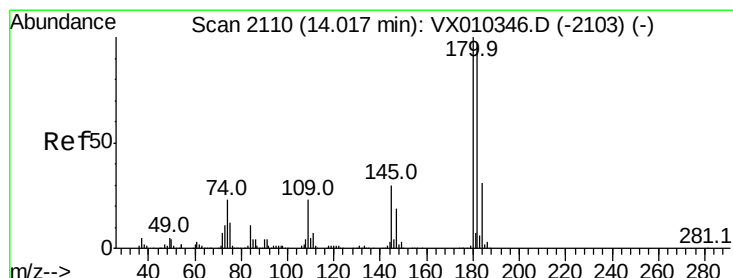
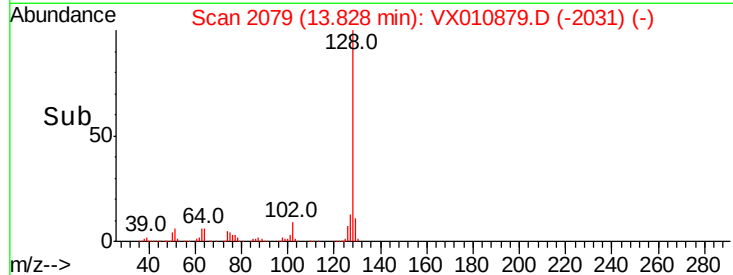
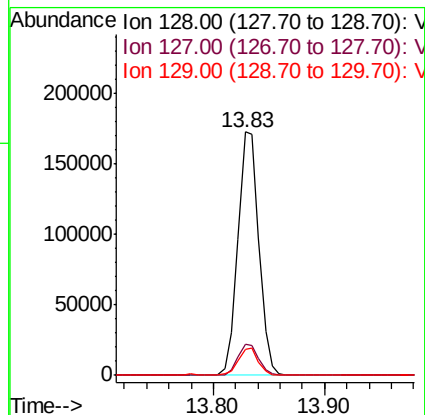
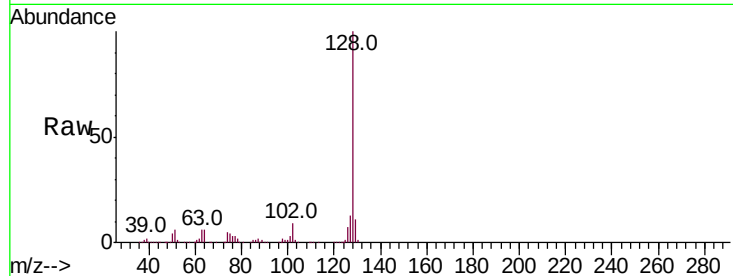
#95
Naphthalene
Concen: 17.942 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS01

Tot Ion:	128	Resp:	225284
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/16/2019 10:44:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.812 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010879.D
Acq: 15 Jul 2019 13:09

Tgt Ion:	180	Resp:	72359
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.8	143.3
145	31.7	15.2	45.6

