

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\
 Data File : VX010885.D
 Acq On : 15 Jul 2019 15:27
 Operator : JC/SP
 Sample : VX0715WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:44:23 AM

Quant Time: Jul 16 03:27:17 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	5.66	168	267313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	358718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127497	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	5.50	113	121553	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	430468	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	164464	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	34021	18.306	ug/l 98
3) Chloromethane	1.32	50	35314	16.319	ug/l 98
4) Vinyl Chloride	1.41	62	37835	15.962	ug/l 98
5) Bromomethane	1.64	94	21399	18.531	ug/l 98
6) Chloroethane	1.72	64	26354	18.846	ug/l 93
7) Trichlorofluoromethane	1.93	101	67276	17.905	ug/l 100
8) Diethyl Ether	2.19	74	24048	17.847	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39431	17.317	ug/l 98
10) Methyl Iodide	2.51	142	46260	14.235	ug/l 96
11) Tert butyl alcohol	3.04	59	50870	77.567	ug/l 96
12) 1,1-Dichloroethene	2.37	96	38859	16.771	ug/l 98
13) Acrolein	2.29	56	41824	96.135	ug/l 99
14) Allyl chloride	2.73	41	57407	17.452	ug/l 96
15) Acrylonitrile	3.14	53	115142	88.676	ug/l 99
16) Acetone	2.45	43	108270	86.196	ug/l 96
17) Carbon Disulfide	2.57	76	88095	14.172	ug/l 97
18) Methyl Acetate	2.78	43	46086	18.409	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	130465	17.899	ug/l 99
20) Methylene Chloride	2.85	84	44981	17.401	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	41012	16.458	ug/l 96
22) Diisopropyl ether	3.85	45	123491	17.956	ug/l 99
23) Vinyl Acetate	3.81	43	541360	91.115	ug/l 97
24) 1,1-Dichloroethane	3.70	63	69951	17.596	ug/l 99
25) 2-Butanone	4.67	43	161617	87.715	ug/l 98
26) 2,2-Dichloropropane	4.58	77	58325	16.889	ug/l 96
27) cis-1,2-Dichloroethene	4.60	96	48614	16.882	ug/l 95
28) Bromochloromethane	5.02	49	30296	15.939	ug/l 91
29) Tetrahydrofuran	5.13	42	102378	89.705	ug/l 98
30) Chloroform	5.21	83	76573	17.902	ug/l 100
31) Cyclohexane	5.58	56	61156	16.893	ug/l 93
32) 1,1,1-Trichloroethane	5.50	97	66215	17.531	ug/l 99
36) 1,1-Dichloropropene	5.80	75	53054	16.812	ug/l 98
37) Ethyl Acetate	4.83	43	59656	18.375	ug/l 100
38) Carbon Tetrachloride	5.79	117	55691	16.297	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67498	16.272	ug/l	95
40) Benzene	6.14	78	167947	17.082	ug/l	100
41) Methacrylonitrile	5.04	41	32205	18.079	ug/l	96
42) 1,2-Dichloroethane	6.20	62	59028	19.723	ug/l	97
43) Isopropyl Acetate	6.45	43	95251	17.733	ug/l	98
44) Trichloroethene	7.21	130	48146	16.366	ug/l	98
45) 1,2-Dichloropropane	7.51	63	42981	17.312	ug/l	96
46) Dibromomethane	7.66	93	31042	17.426	ug/l	97
47) Bromodichloromethane	7.90	83	55269	16.930	ug/l	99
48) Methyl methacrylate	7.77	41	46107	18.467	ug/l	97
49) 1,4-Dioxane	7.74	88	26246	364.920	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	315470	91.832	ug/l	98
52) Toluene	8.78	92	109797	16.958	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	57879	15.814	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	65415	16.447	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	46958	17.586	ug/l	99
56) Ethyl methacrylate	9.18	69	68643	16.970	ug/l	95
57) 1,3-Dichloropropane	9.37	76	73727	17.787	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154992	80.678	ug/l	98
59) 2-Hexanone	9.49	43	246222	91.068	ug/l	97
60) Dibromochloromethane	9.58	129	46639	15.599	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49198	17.070	ug/l	100
64) Tetrachloroethene	9.34	164	45962	15.841	ug/l	99
65) Chlorobenzene	10.13	112	125418	17.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45801	17.266	ug/l	98
67) Ethyl Benzene	10.25	91	212370	17.273	ug/l	98
68) m/p-Xylenes	10.36	106	165147	34.666	ug/l	98
69) o-Xylene	10.69	106	81808	17.462	ug/l	100
70) Styrene	10.71	104	135529	17.250	ug/l	96
71) Bromoform	10.85	173	33970	14.726	ug/l #	98
73) Isopropylbenzene	11.02	105	217473	17.305	ug/l	98
74) N-amyl acetate	10.90	43	87681	18.462	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	73486	17.657	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59661m	17.660	ug/l	
77) Bromobenzene	11.25	156	59020	16.819	ug/l	98
78) n-propylbenzene	11.36	91	240875	17.440	ug/l	99
79) 2-Chlorotoluene	11.42	91	143690	17.471	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	182840	17.649	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	18981	13.108	ug/l #	82
82) 4-Chlorotoluene	11.51	91	164483	17.576	ug/l	98
83) tert-Butylbenzene	11.77	119	181764	17.480	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182211	17.506	ug/l	100
85) sec-Butylbenzene	11.94	105	212527	17.408	ug/l	99
86) p-Isopropyltoluene	12.06	119	195262	17.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104468	17.055	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	104992	16.837	ug/l	98
89) n-Butylbenzene	12.38	91	164692	17.162	ug/l	99
90) Hexachloroethane	12.59	117	28154	14.418	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	105542	17.337	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15081	16.807	ug/l	87

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VX0715WBS03

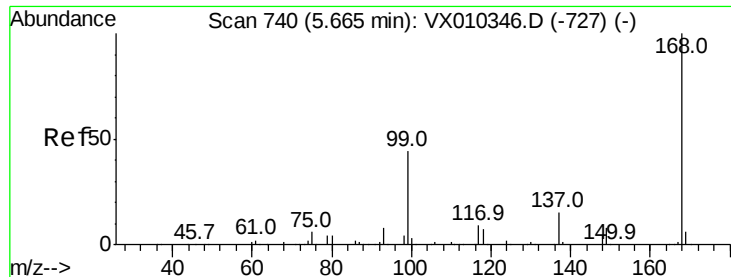
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69830	16.541	ug/l	99
94) Hexachlorobutadiene	13.78	225	33888	16.424	ug/l	96
95) Naphthalene	13.83	128	214851	16.561	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70409	16.774	ug/l	98

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



#1

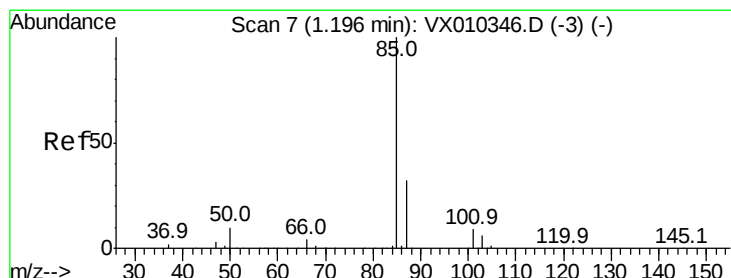
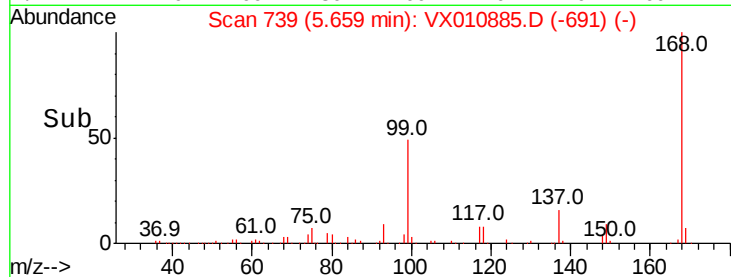
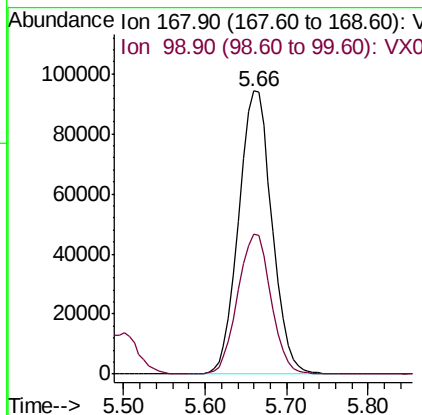
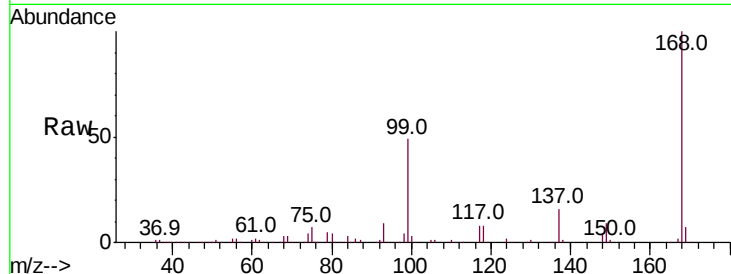
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Resp	Lower	Upper
168	100	267313		
99	49.3	35.5	53.3	

Manual Integrations
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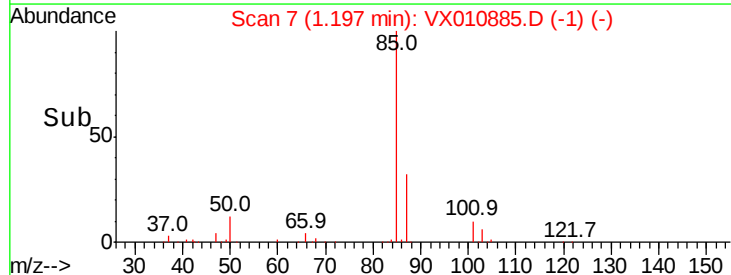
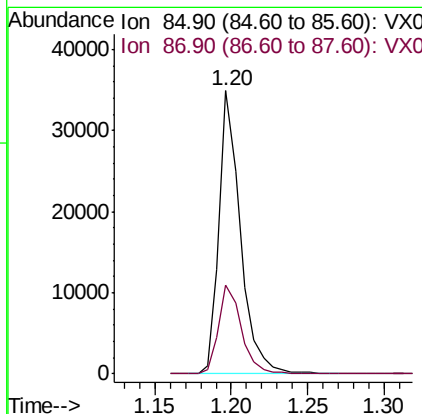
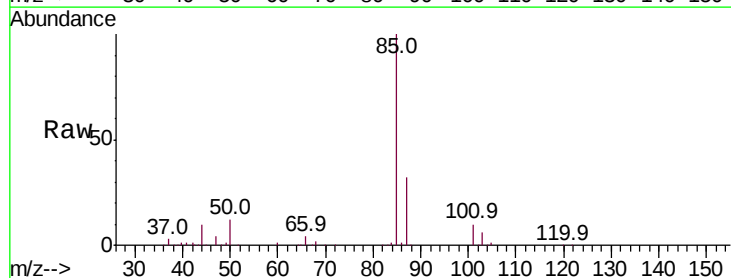
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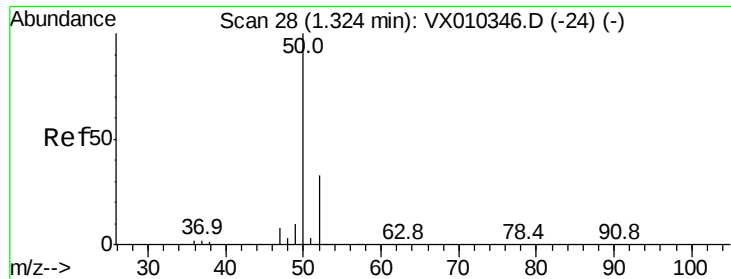


#2

Dichlorodifluoromethane
 Concen: 18.306 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	34021		
87	31.6	16.3	48.8	





#3

Chloromethane

Concen: 16.319 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 50 Resp: 35314

Ion Ratio Lower Upper

50 100

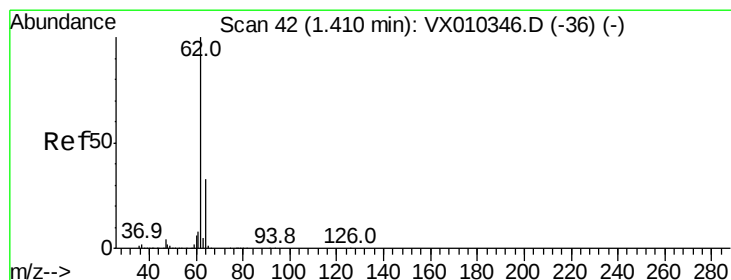
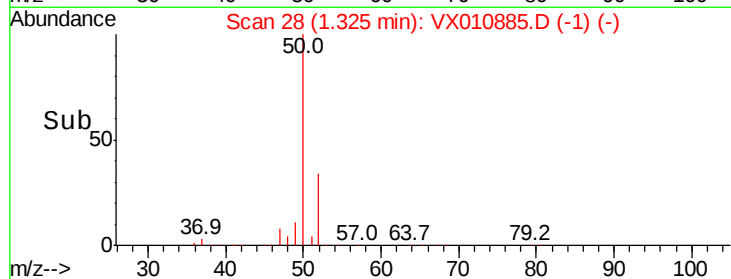
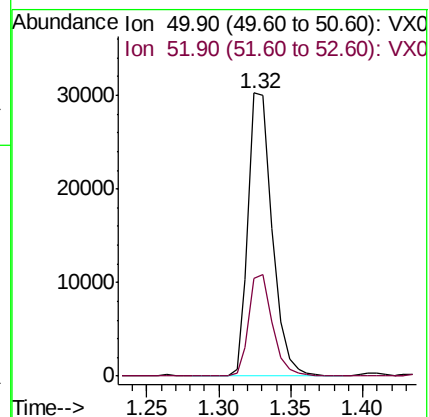
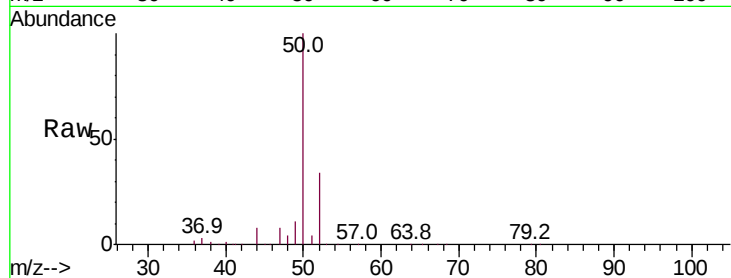
52 34.4 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.962 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010885.D

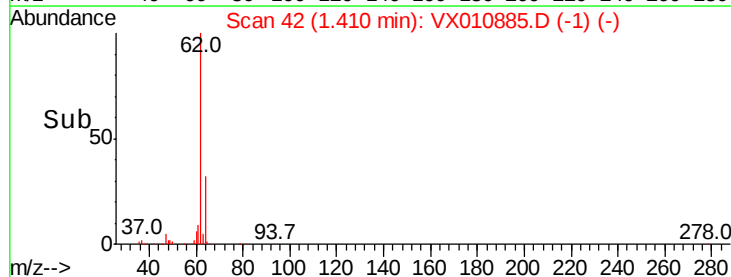
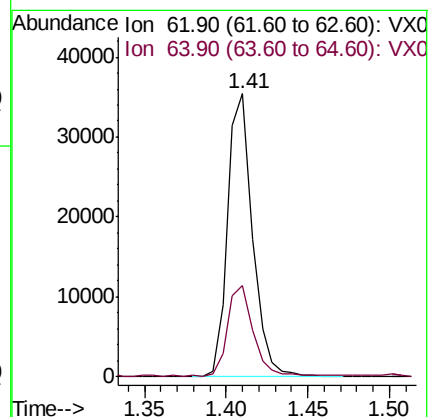
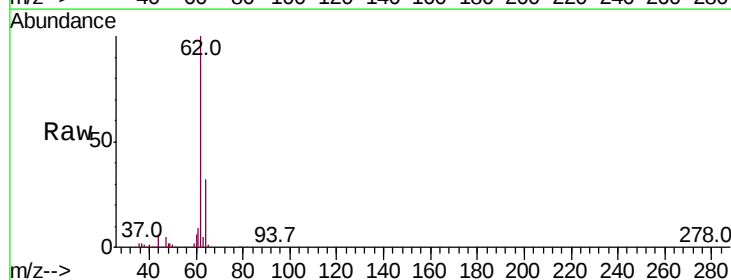
Acq: 15 Jul 2019 15:27

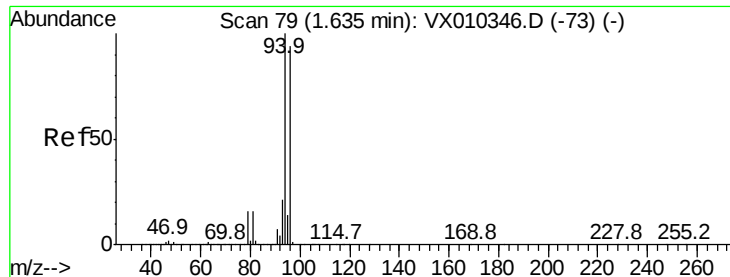
Tgt Ion: 62 Resp: 37835

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 18.531 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 94 Resp: 21399

Ion Ratio Lower Upper

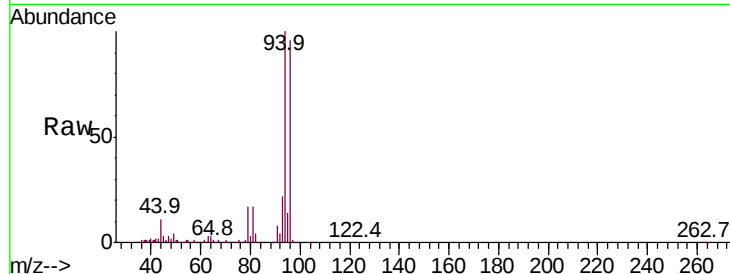
94 100

96 96.3 75.5 113.3

Manual Integrations
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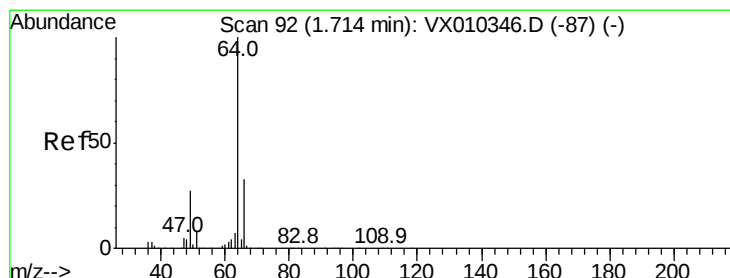
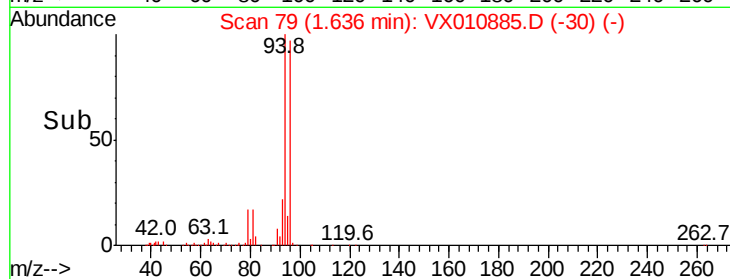
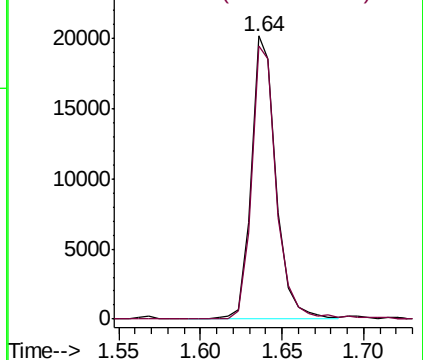
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.846 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010885.D

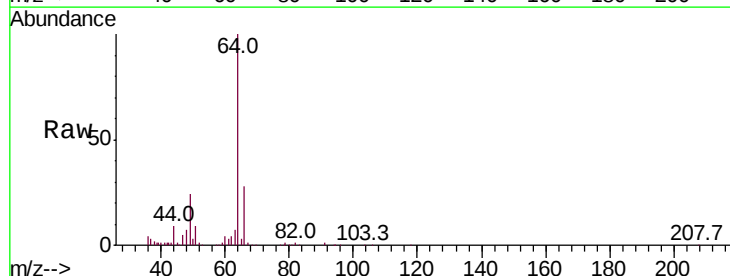
Acq: 15 Jul 2019 15:27

Tgt Ion: 64 Resp: 26354

Ion Ratio Lower Upper

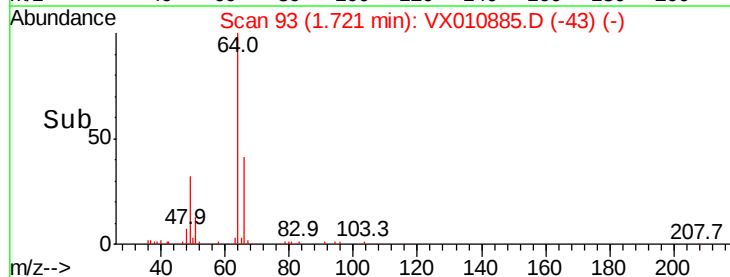
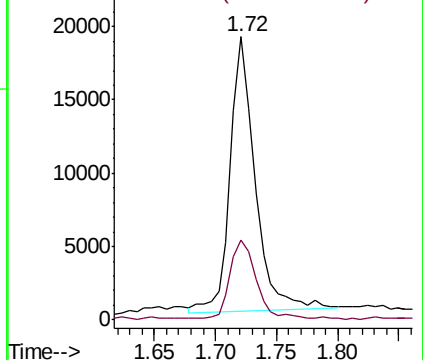
64 100

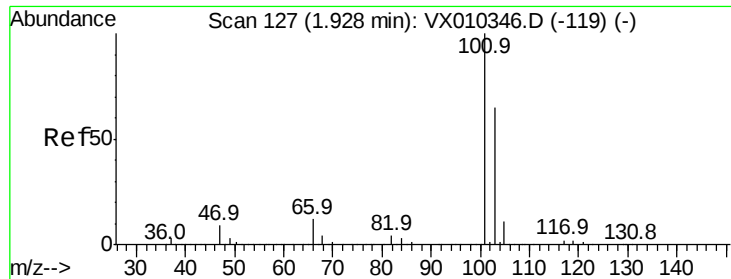
66 29.3 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

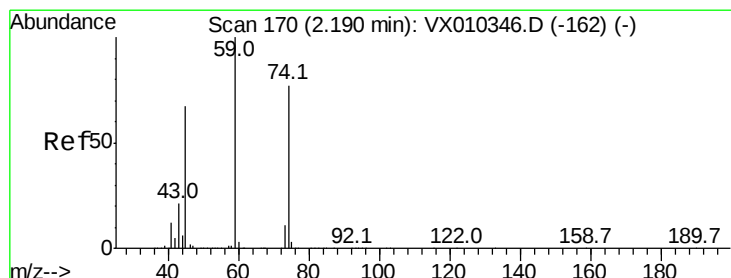
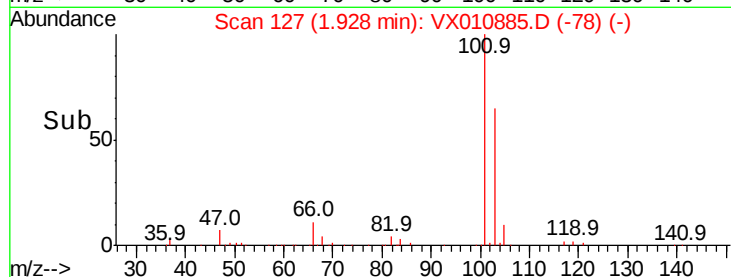
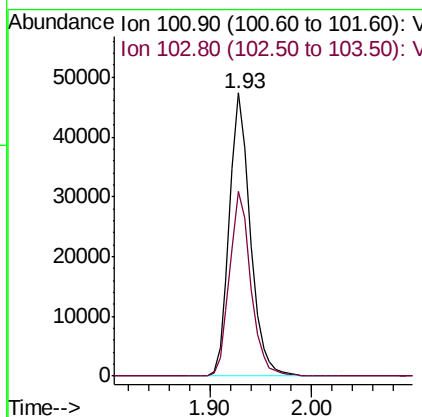
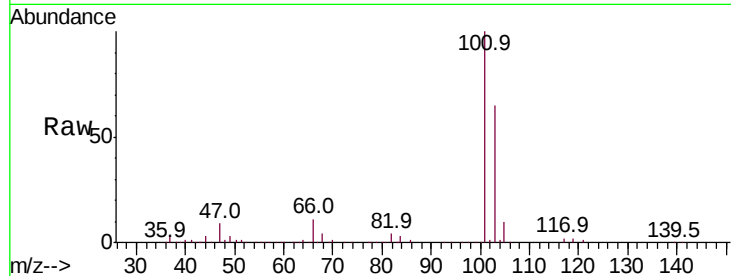
Trichlorofluoromethane
Concen: 17.905 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
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ClientSampleId :
VX0715WBS03

Tot Ion:101 Resp: 67276
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

Manual Integrations
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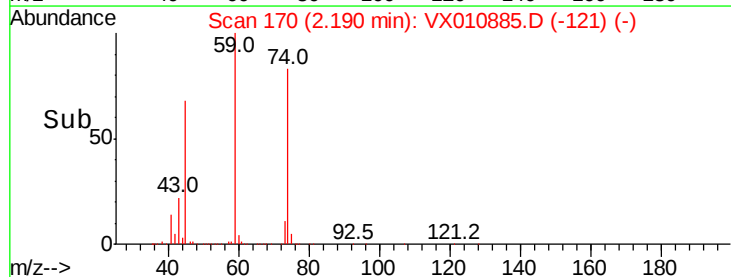
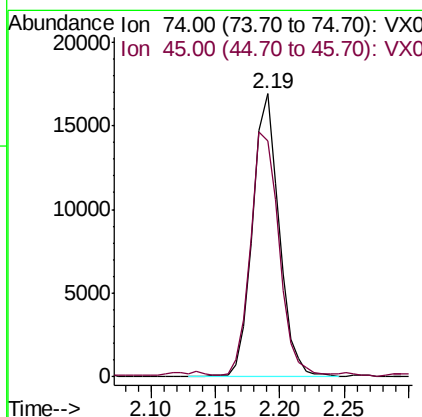
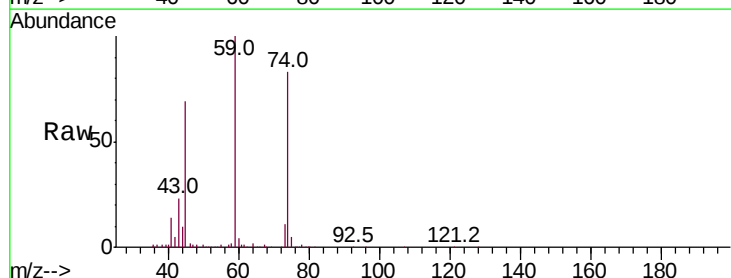
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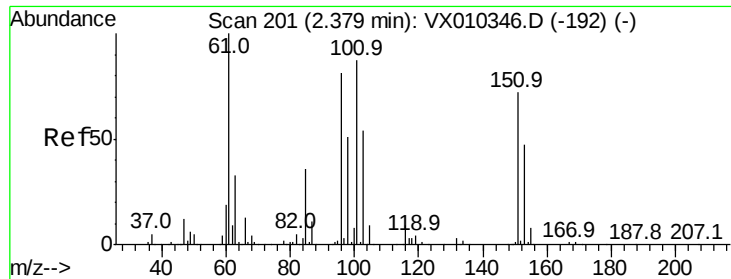


#8

Diethyl Ether
Concen: 17.847 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 74 Resp: 24048
Ion Ratio Lower Upper
74 100
45 91.5 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.317 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

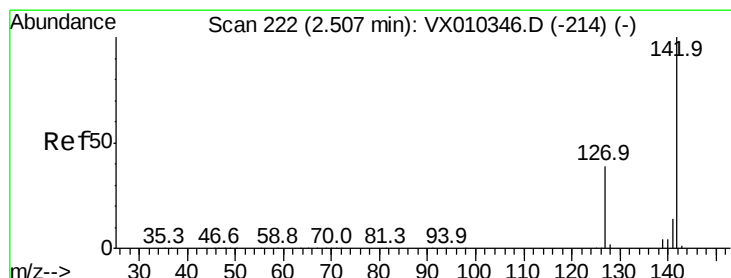
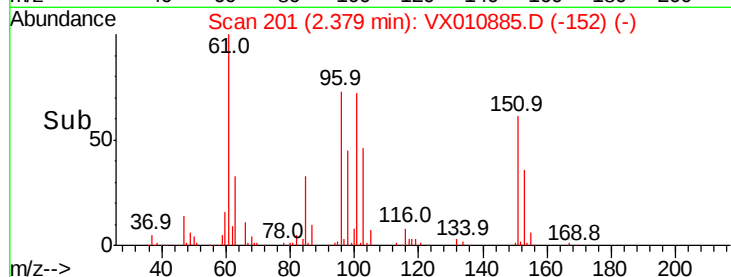
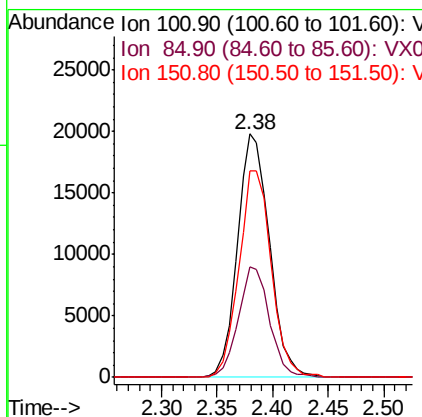
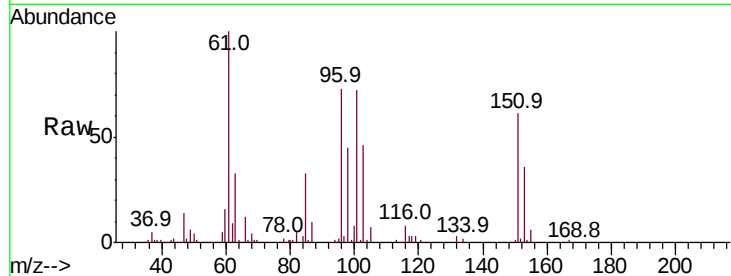
ClientSampleId :

VX0715WBS03

Tot Ion:	101	Resp:	39431
Ion Ratio	Lower	Upper	
101	100		
85	44.3	33.7	50.5
151	86.1	70.1	105.1

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#10

Methyl Iodide

Concen: 14.235 ug/l

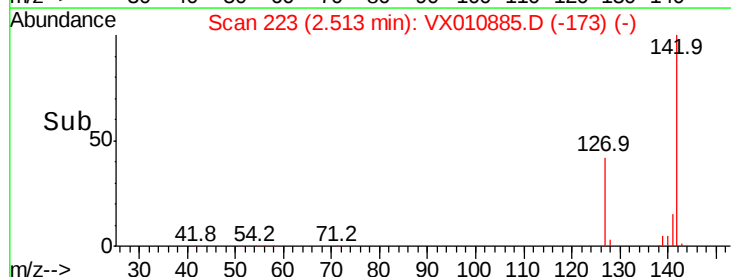
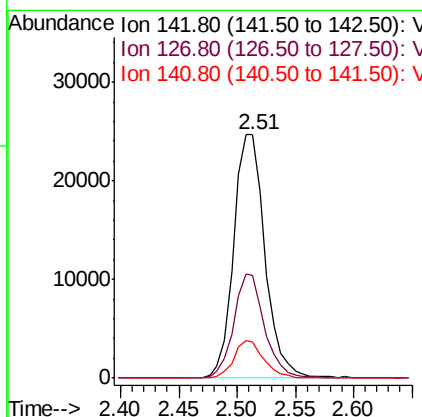
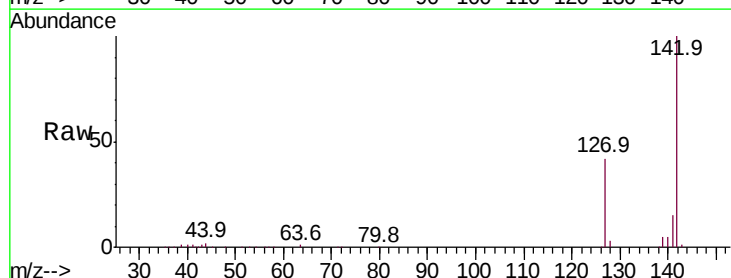
RT: 2.51 min Scan# 223

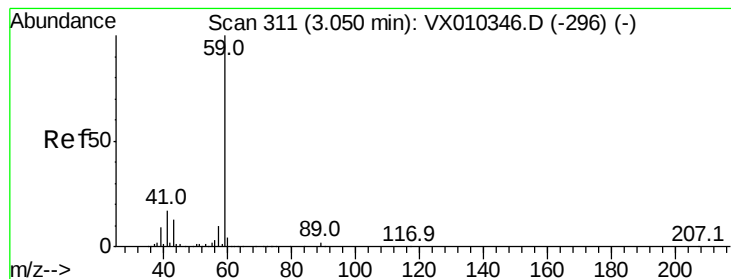
Delta R.T. 0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	142	Resp:	46260
Ion Ratio	Lower	Upper	
142	100		
127	42.1	31.1	46.7
141	14.7	11.2	16.8





#11

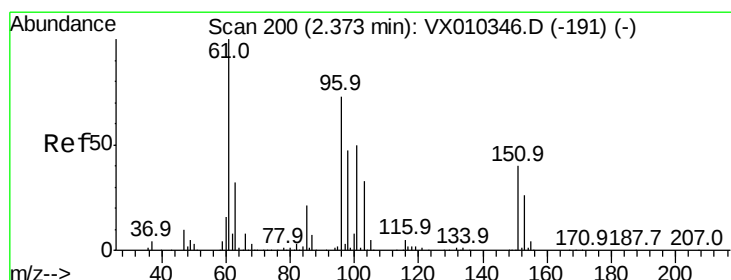
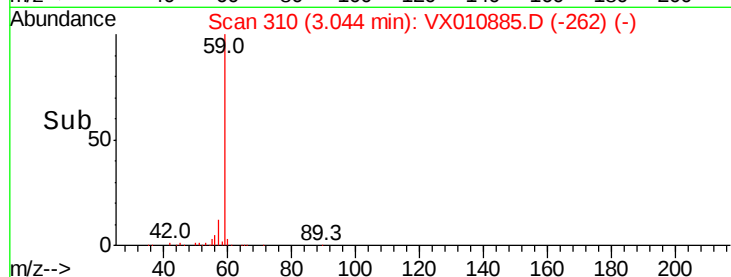
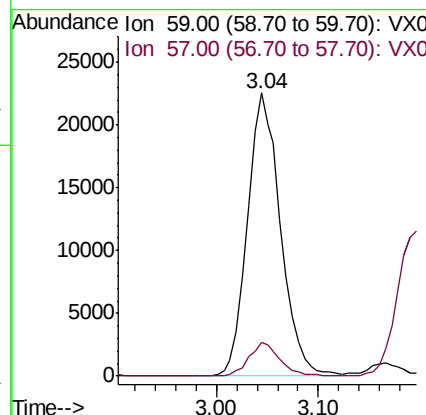
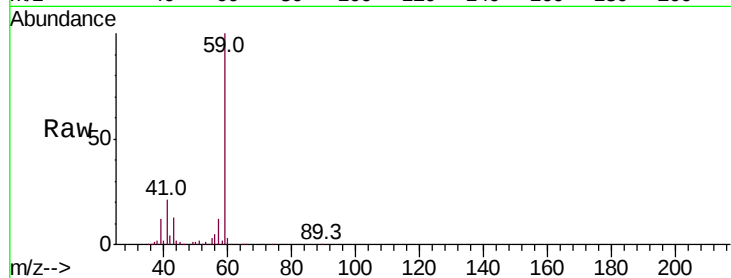
Tert butyl alcohol
Concen: 77.567 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 59 Resp: 50870
Ion Ratio Lower Upper
59 100
57 11.1 7.7 11.5

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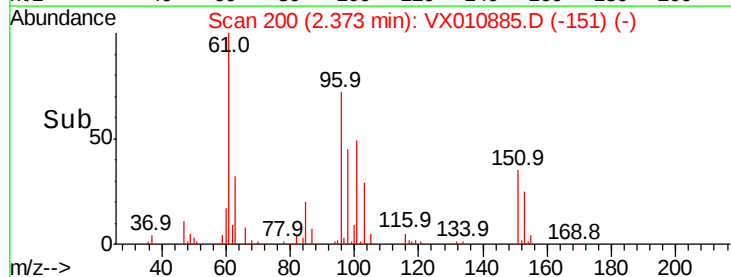
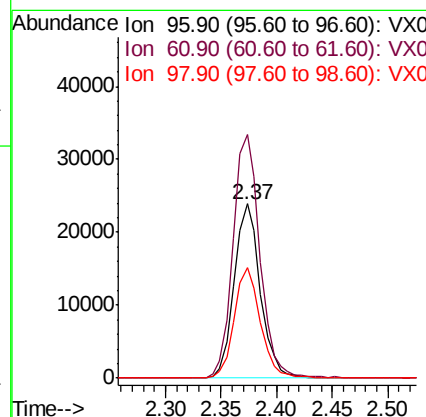
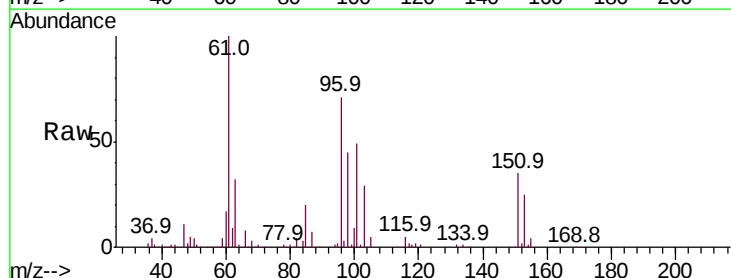
MMDadoda
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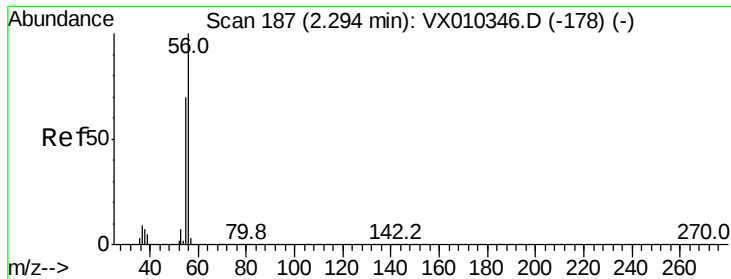


#12

1,1-Dichloroethene
Concen: 16.771 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 96 Resp: 38859
Ion Ratio Lower Upper
96 100
61 139.6 109.2 163.8
98 63.3 51.1 76.7





#13

Acrolein

Concen: 96.135 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 56 Resp: 41824

Ion Ratio Lower Upper

56 100

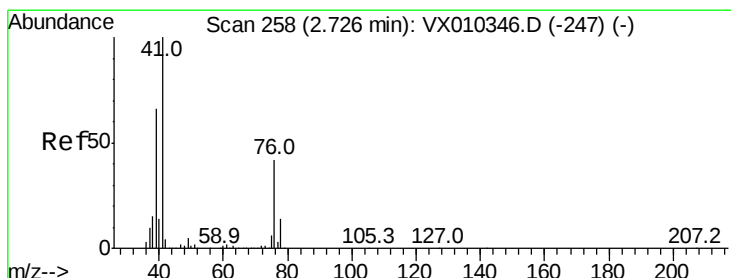
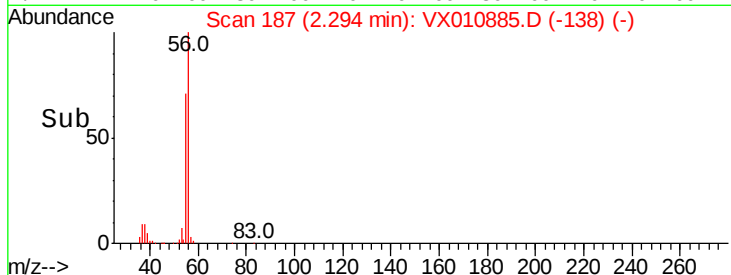
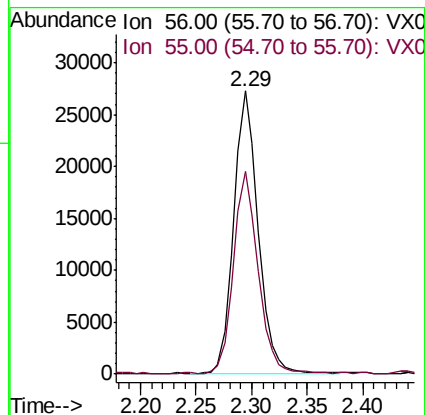
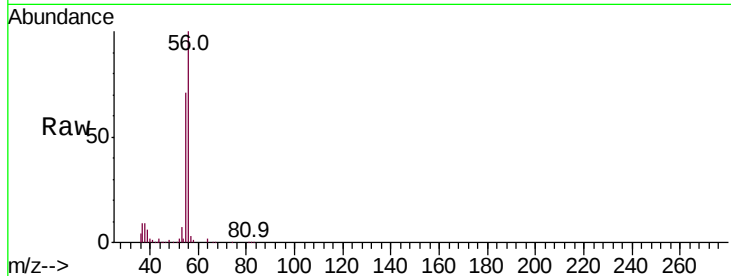
55 70.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 17.452 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

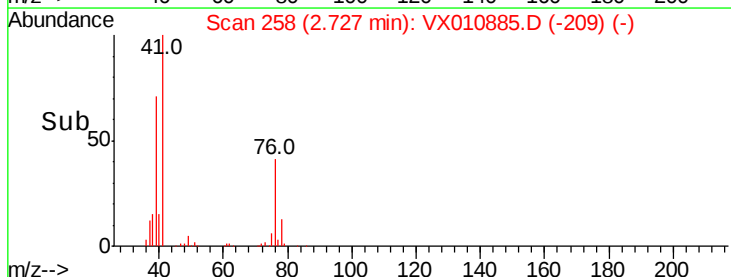
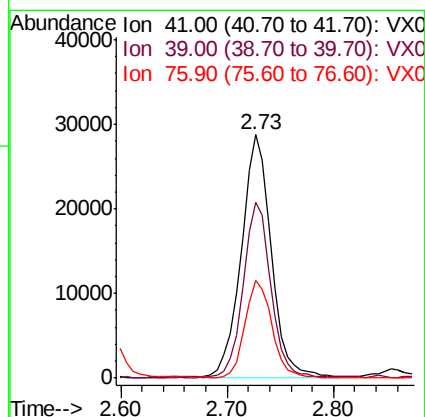
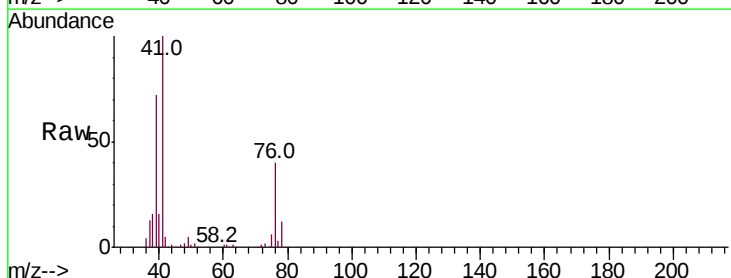
Tgt Ion: 41 Resp: 57407

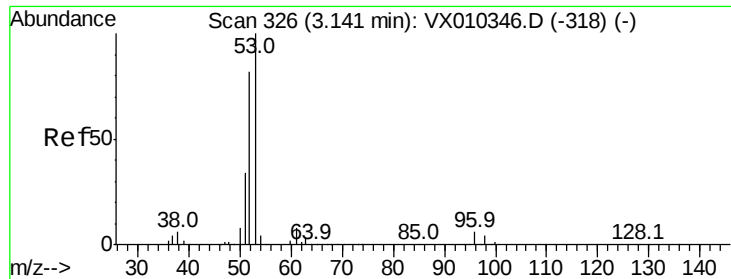
Ion Ratio Lower Upper

41 100

39 65.9 50.3 75.5

76 36.4 31.3 46.9





#15

Acrylonitrile

Concen: 88.676 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

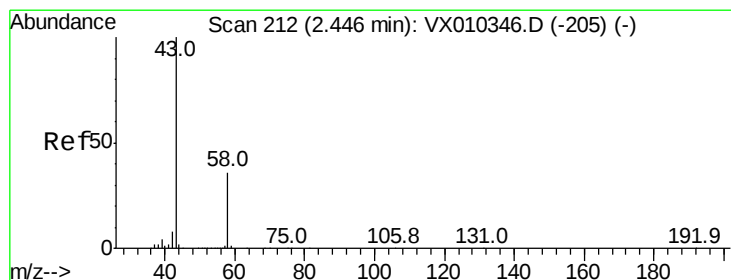
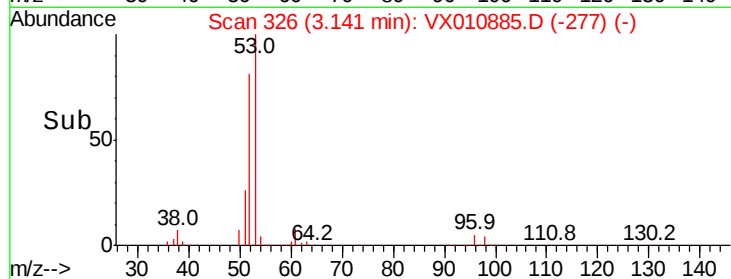
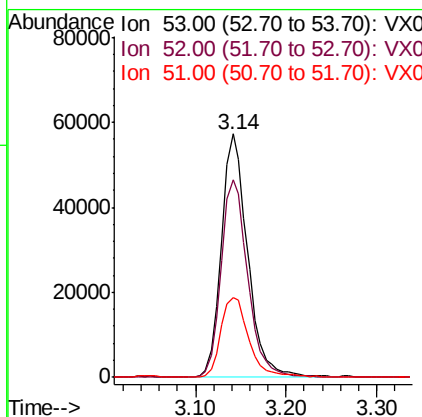
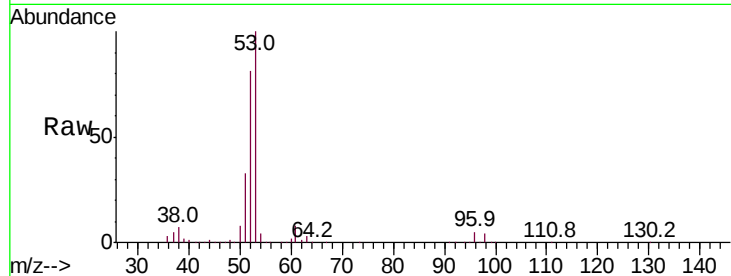
ClientSampleId :

VX0715WBS03

Tot Ion:	53	Resp:	115142
Ion Ratio	Lower	Upper	
53	100		
52	82.7	65.5	98.3
51	35.6	28.2	42.4

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#16

Acetone

Concen: 86.196 ug/l

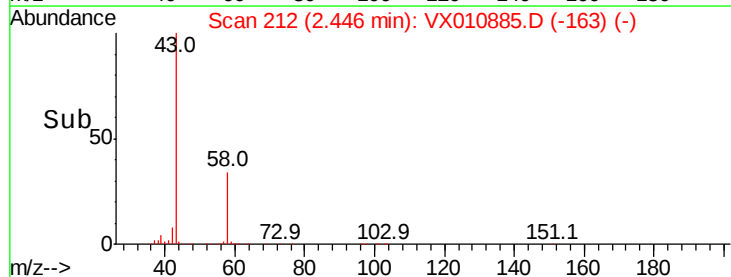
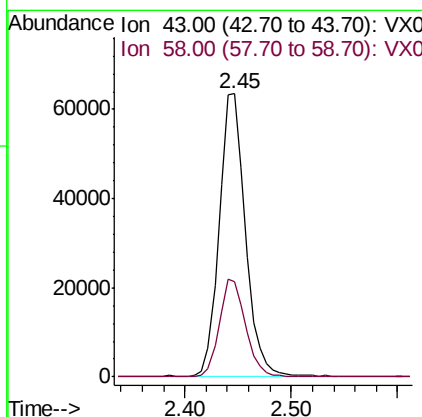
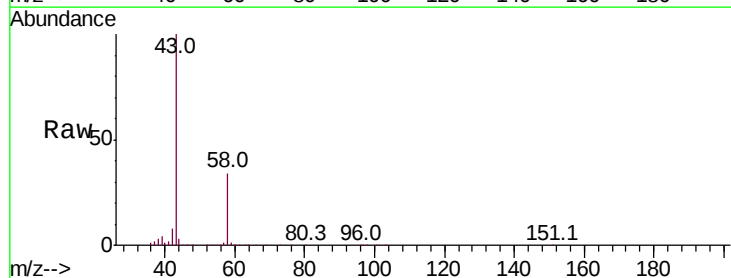
RT: 2.45 min Scan# 212

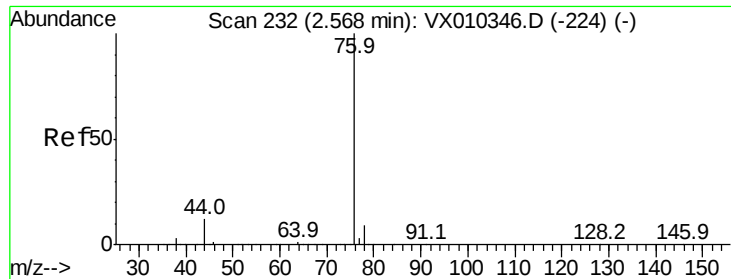
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	43	Resp:	108270
Ion Ratio	Lower	Upper	
43	100		
58	33.8	28.9	43.3





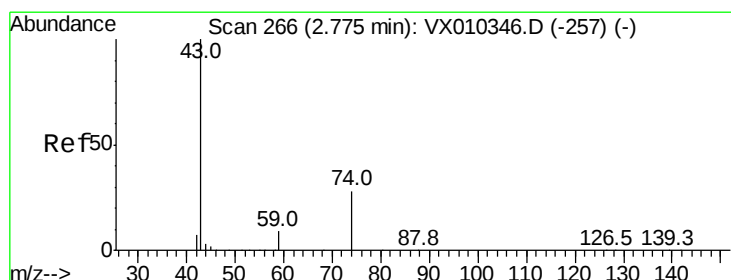
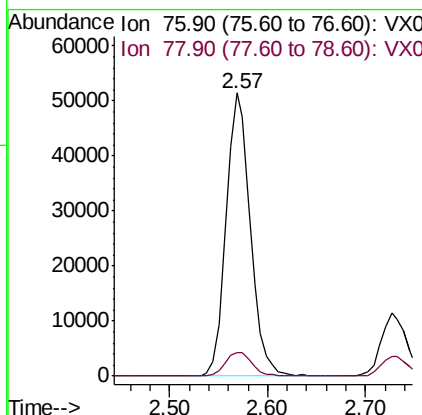
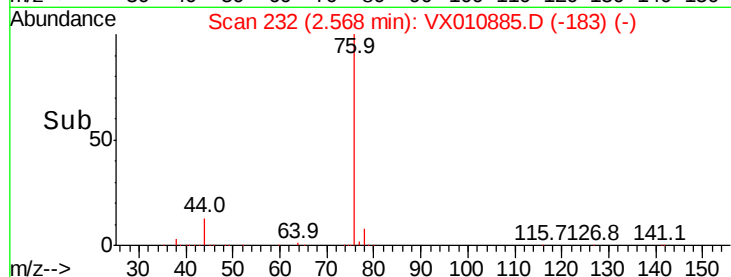
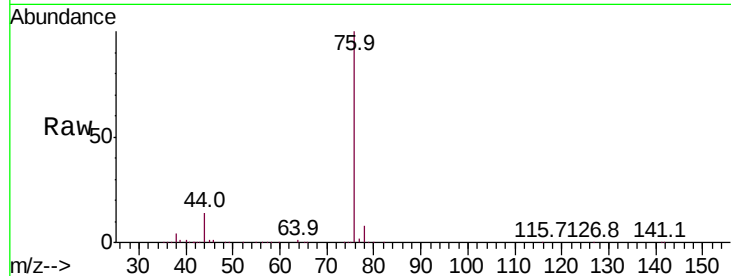
#17
Carbon Disulfide
Concen: 14.172 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.3	10.9

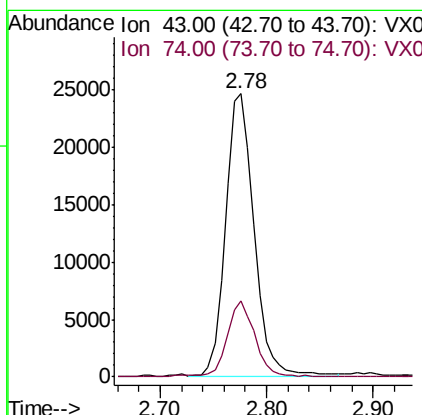
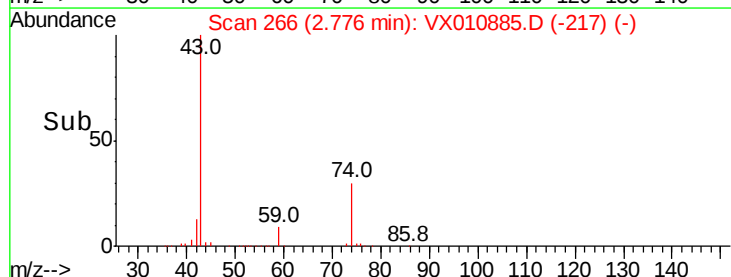
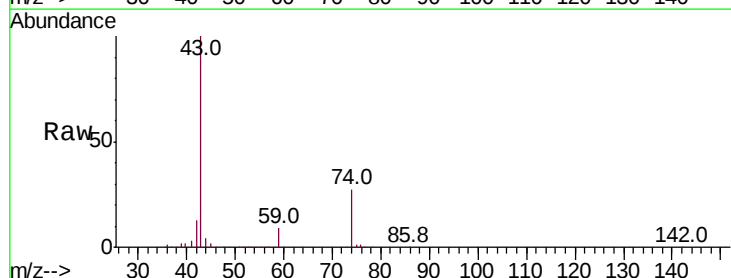
Manual Integrations
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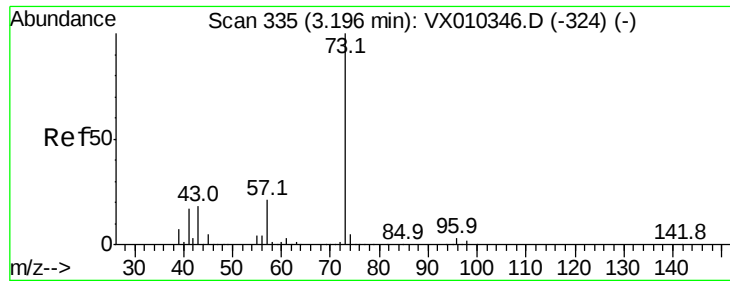
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#18
Methyl Acetate
Concen: 18.409 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	21.3	31.9





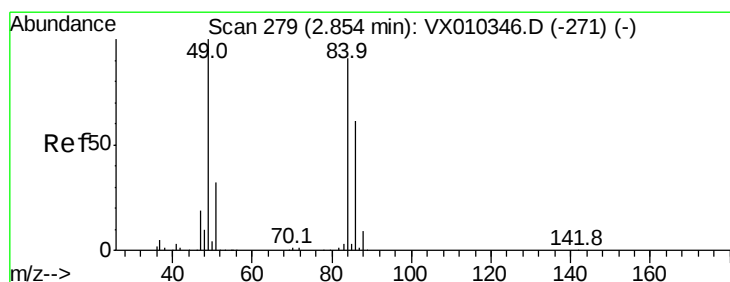
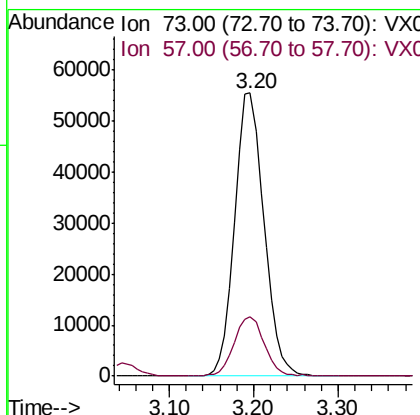
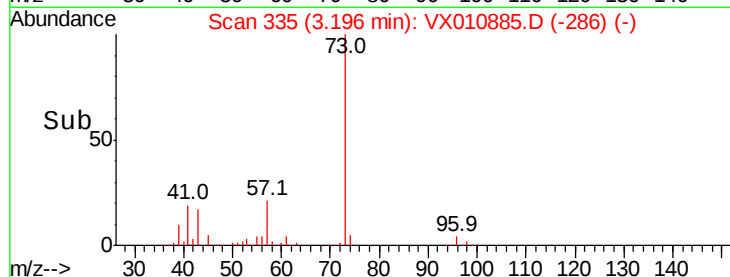
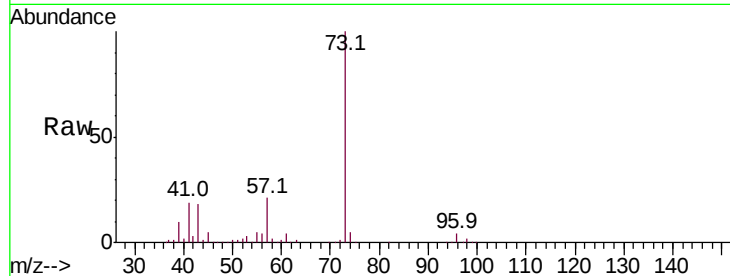
#19
Methyl tert-butyl Ether
Concen: 17.899 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 73 Resp: 130465
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6

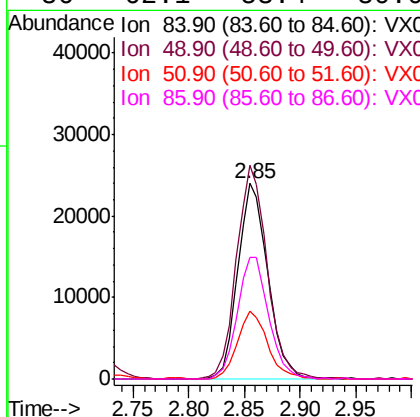
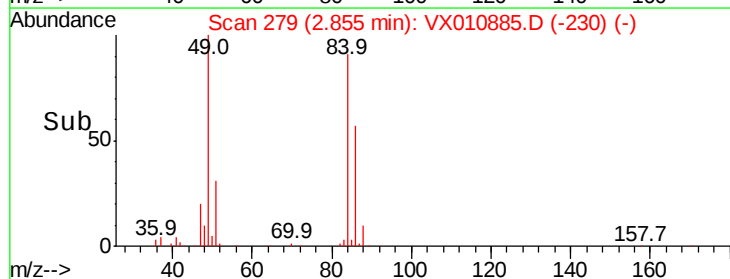
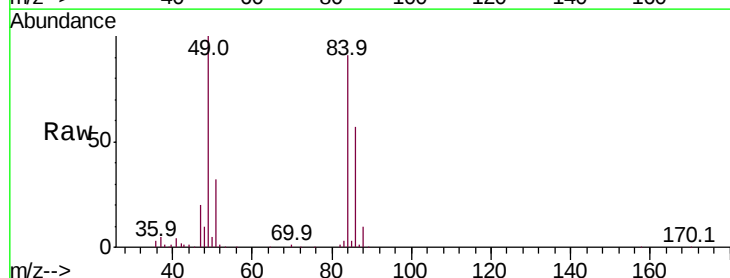
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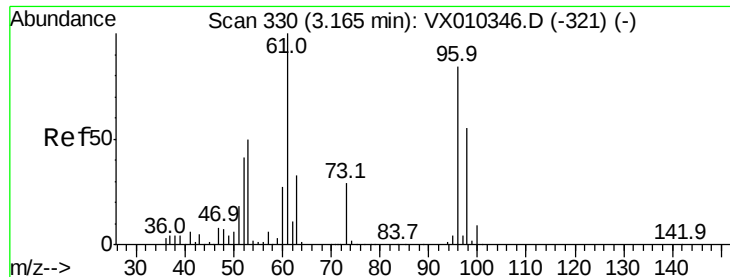
MMDadoda
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#20
Methylene Chloride
Concen: 17.401 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 84 Resp: 44981
Ion Ratio Lower Upper
84 100
49 109.1 87.5 131.3
51 34.4 27.7 41.5
86 62.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 16.458 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

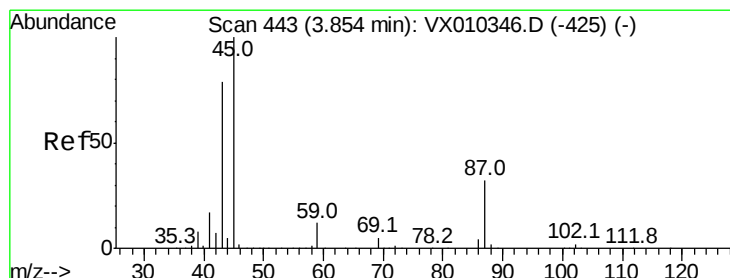
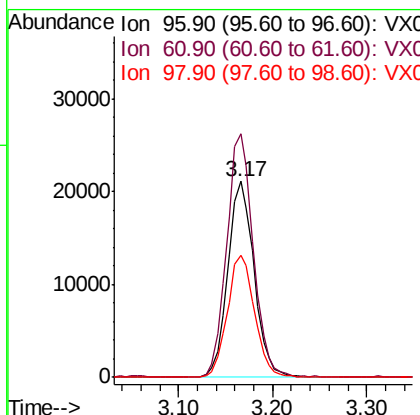
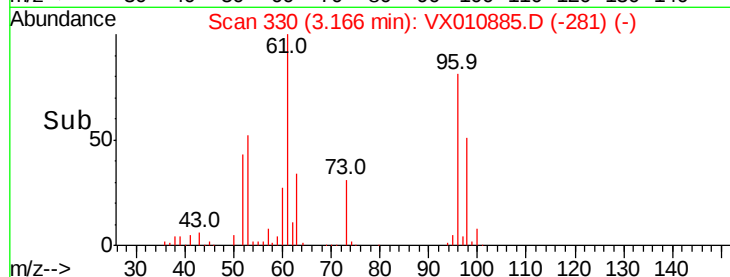
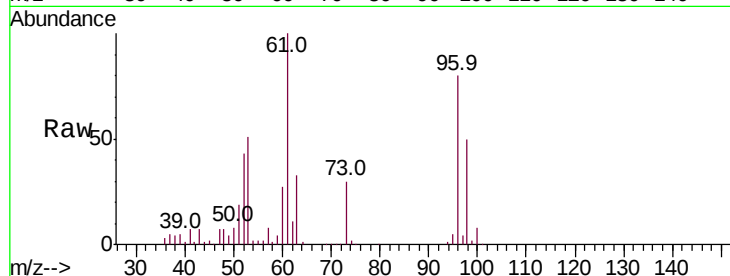
ClientSampleId :

VX0715WBS03

Tot Ion:	96	Resp:	41012
Ion	Ratio	Lower	Upper
96	100		
61	124.3	95.6	143.4
98	62.6	52.5	78.7

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#22

Diisopropyl ether

Concen: 17.956 ug/l

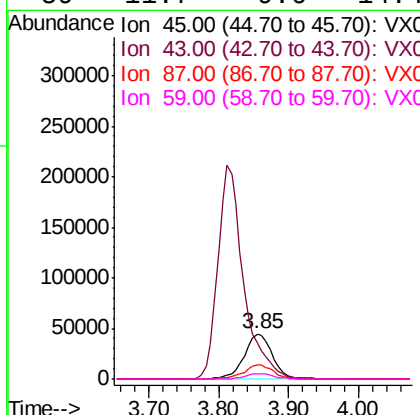
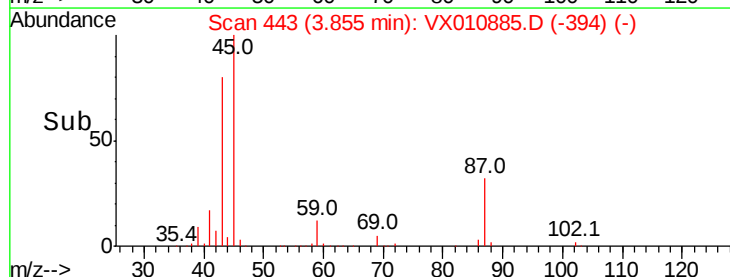
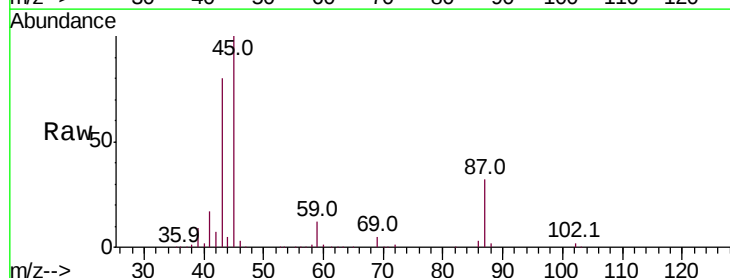
RT: 3.85 min Scan# 443

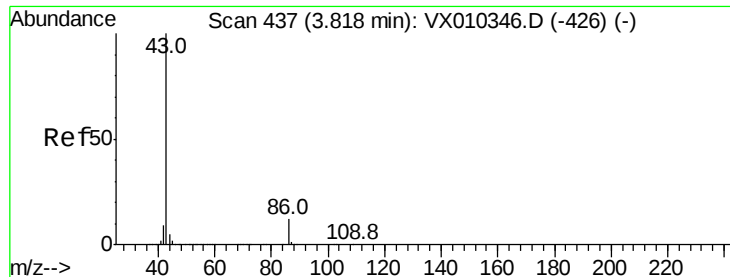
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	45	Resp:	123491
Ion	Ratio	Lower	Upper
45	100		
43	79.4	63.3	94.9
87	31.7	25.8	38.8
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 91.115 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 43 Resp: 541360

Ion Ratio Lower Upper

43 100

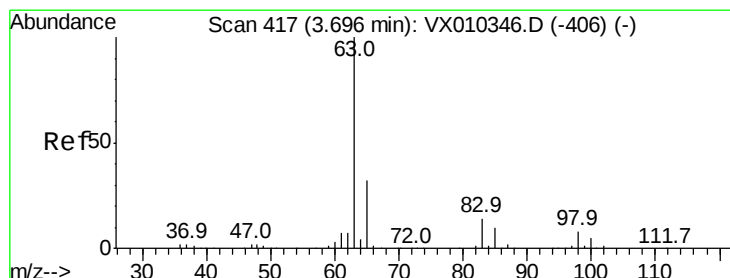
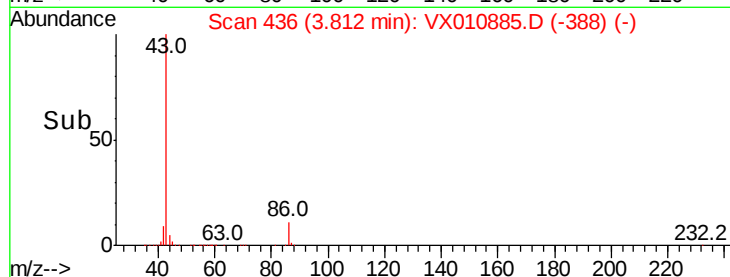
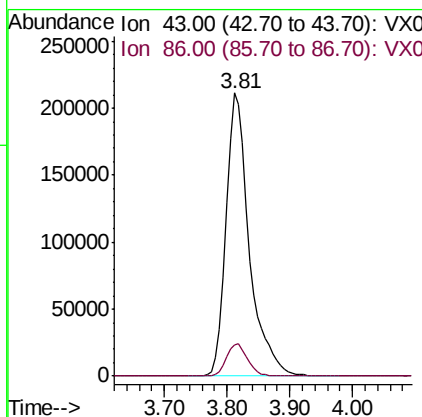
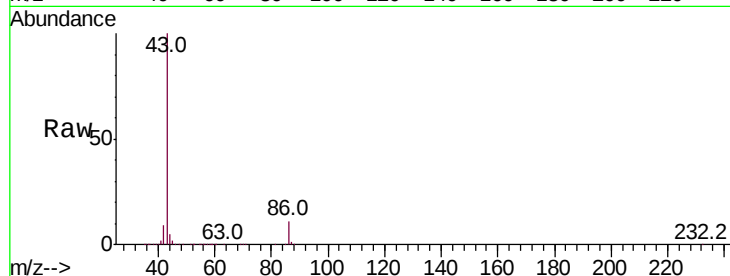
86 11.1 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.596 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

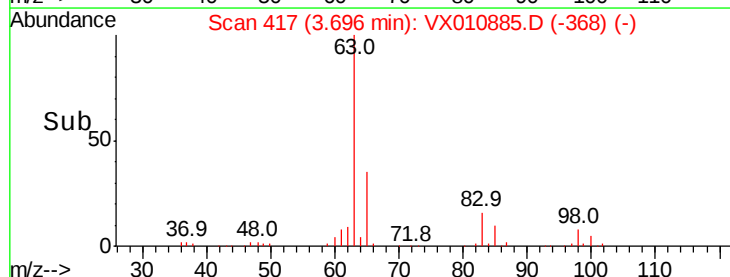
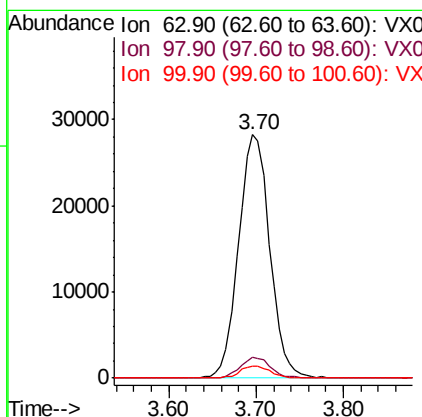
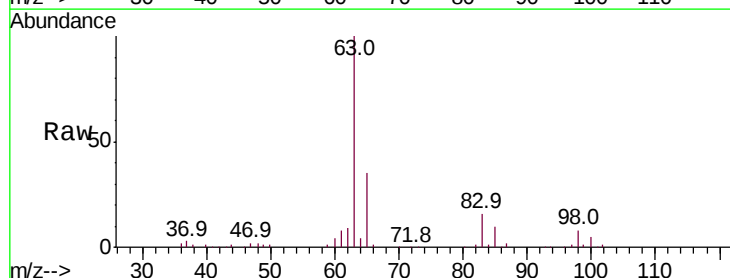
Tgt Ion: 63 Resp: 69951

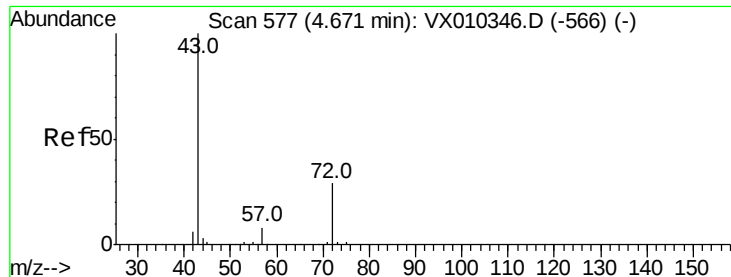
Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 87.715 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 43 Resp: 161617

Ion Ratio Lower Upper

43 100

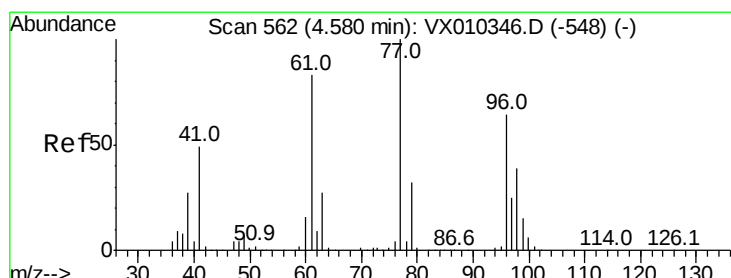
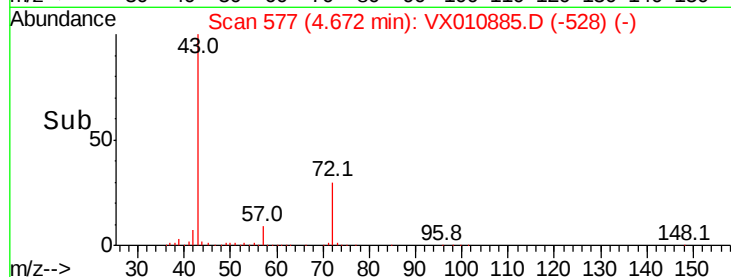
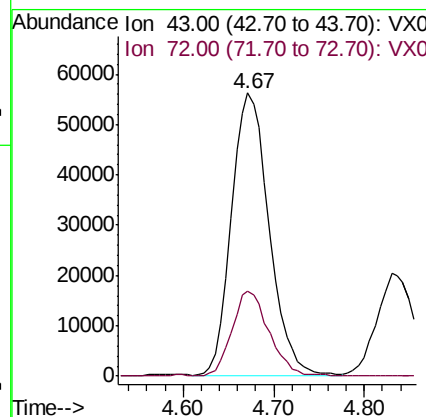
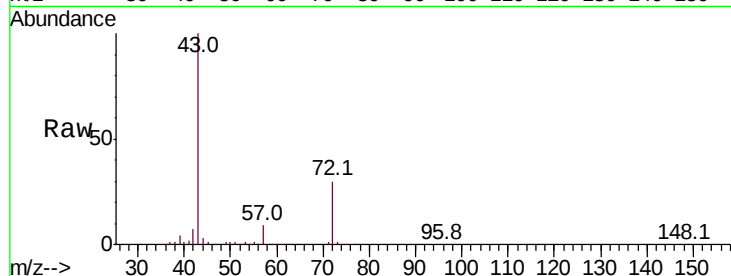
72 30.1 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.889 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010885.D

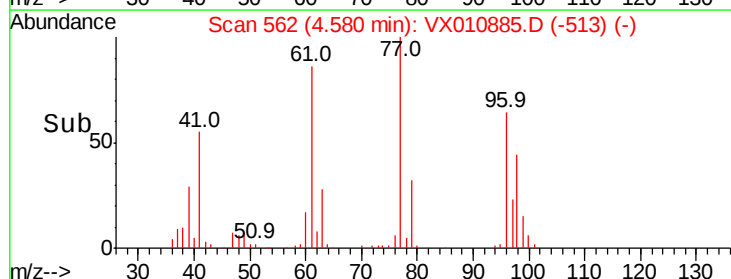
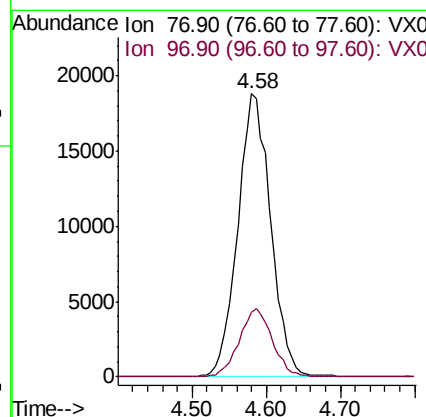
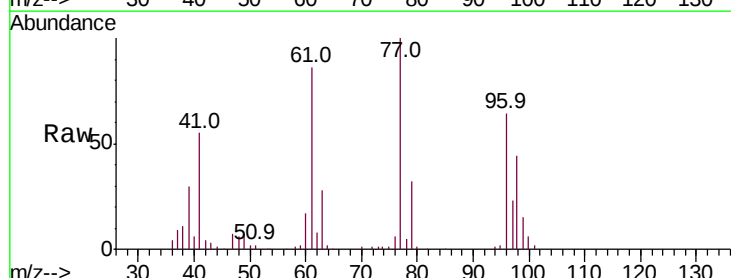
Acq: 15 Jul 2019 15:27

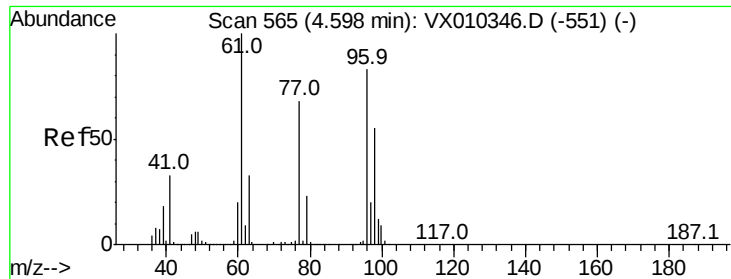
Tgt Ion: 77 Resp: 58325

Ion Ratio Lower Upper

77 100

97 24.3 13.1 39.3





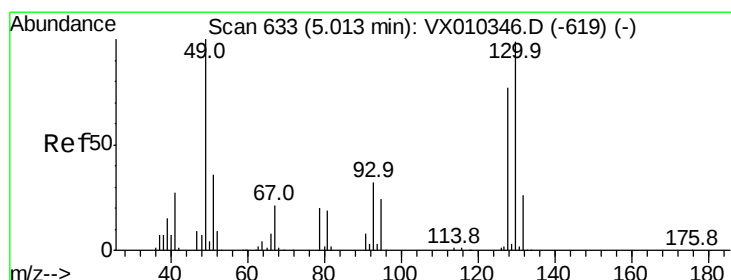
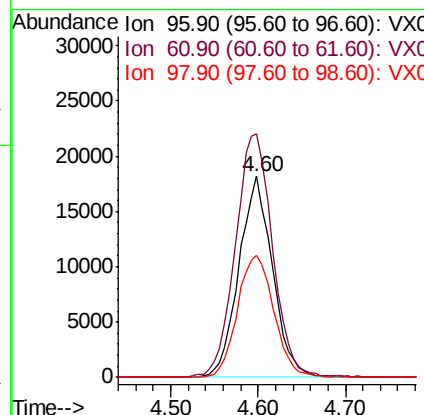
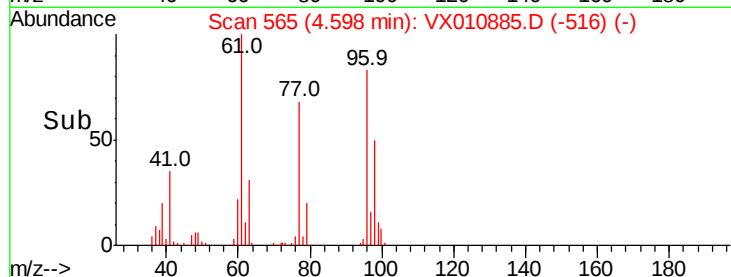
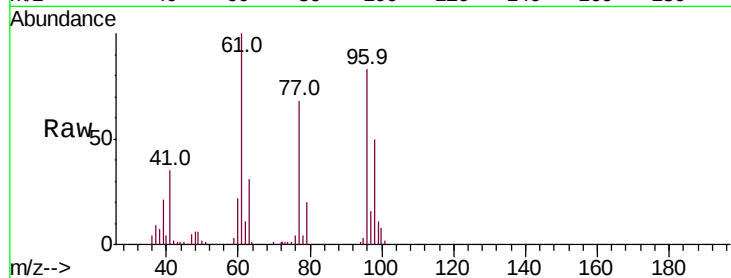
#27
 cis-1,2-Dichloroethene
 Concen: 16.882 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	251.8
98	65.8	0.0	129.4

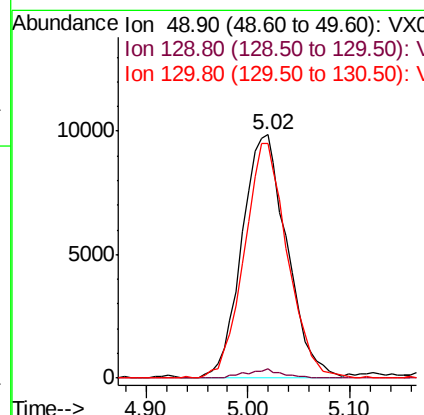
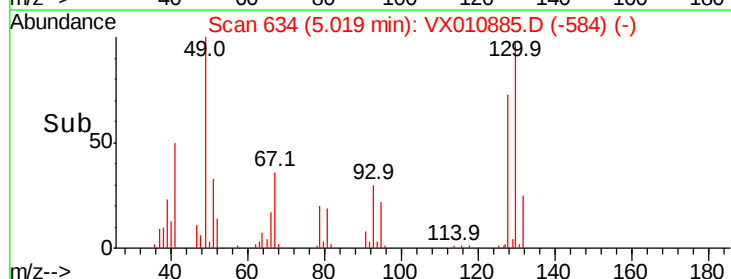
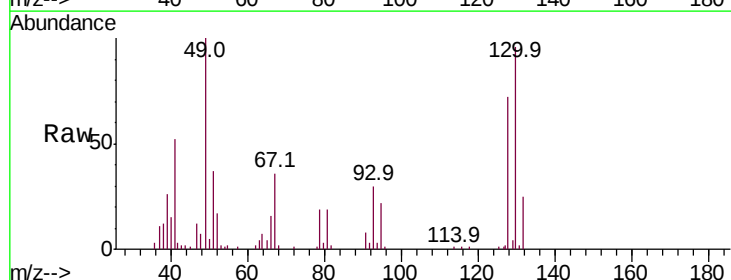
Manual Integrations
 APPROVED

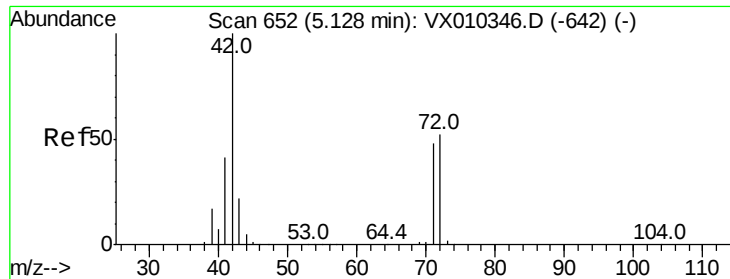
MMDadoda
 7/16/2019 10:44:23 AM



#28
 Bromochloromethane
 Concen: 15.939 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	92.3	81.4	122.0





#29

Tetrahydrofuran

Concen: 89.705 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

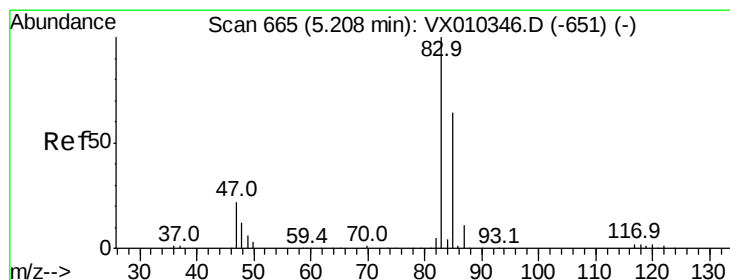
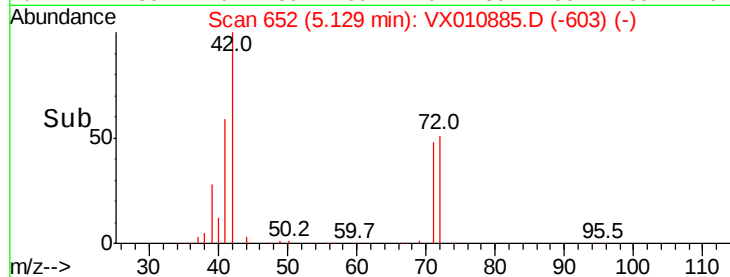
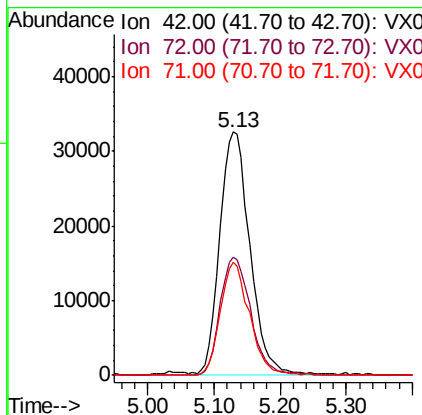
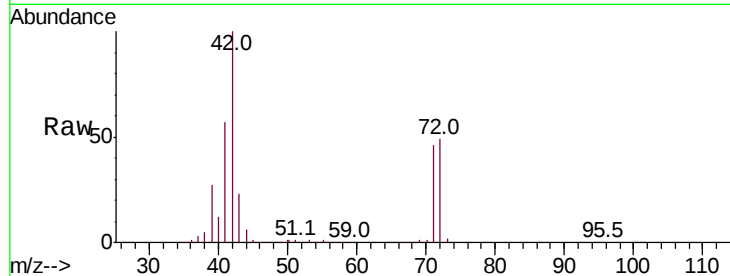
ClientSampleId :

VX0715WBS03

Tot Ion:	42	Resp:	102378
Ion Ratio	Lower	Upper	
42	100		
72	49.7	40.6	60.8
71	45.4	37.8	56.8

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#30

Chloroform

Concen: 17.902 ug/l

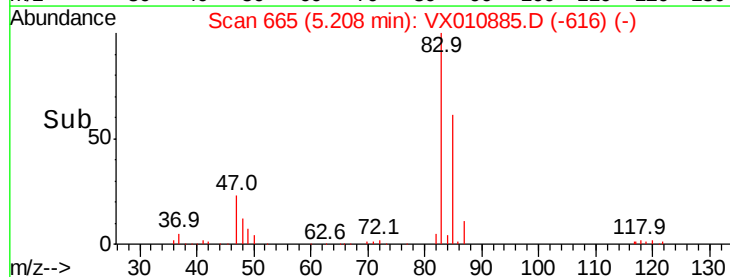
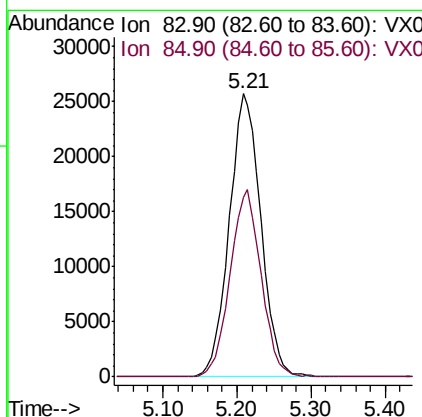
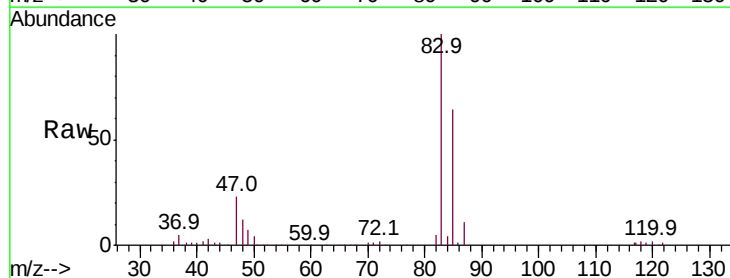
RT: 5.21 min Scan# 665

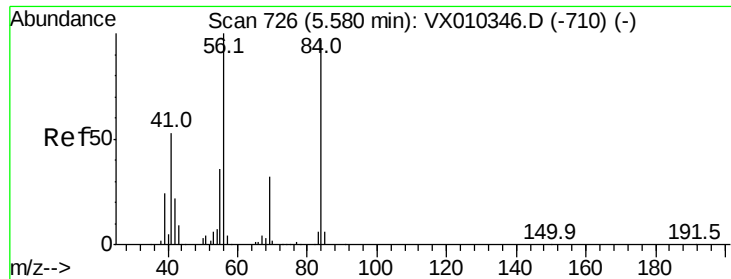
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	83	Resp:	76573
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.9	76.3





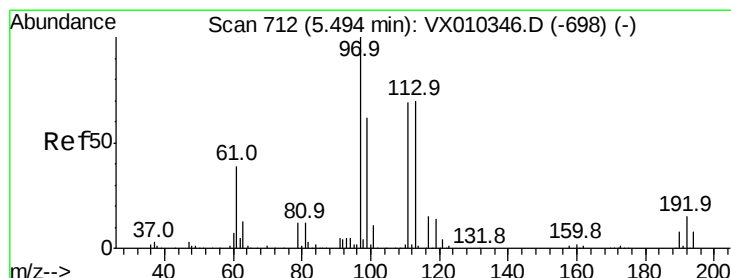
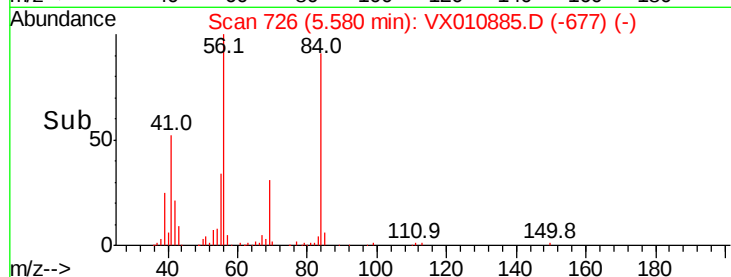
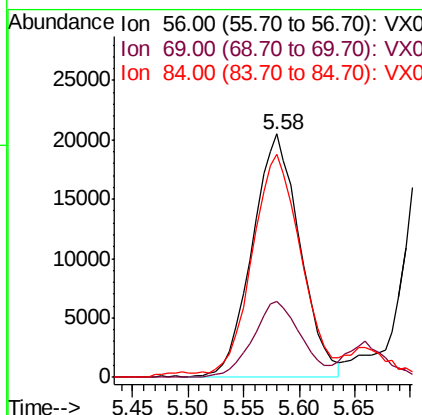
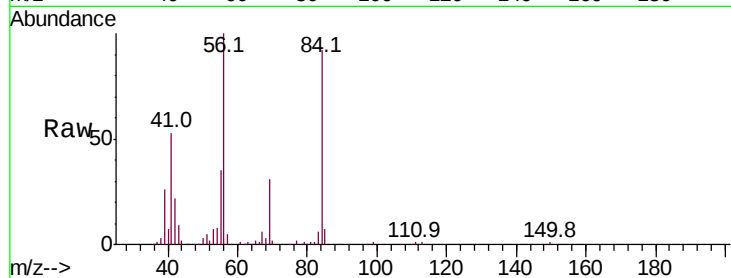
#31
Cyclohexane
Concen: 16.893 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	89.7	78.0	117.0

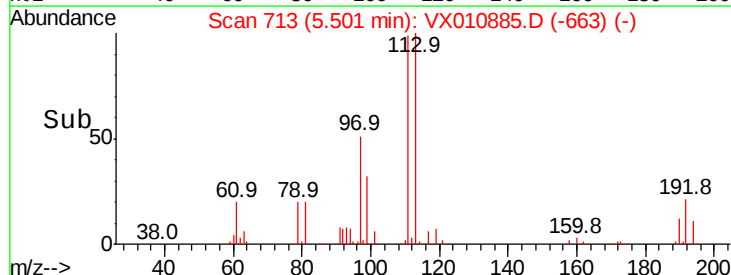
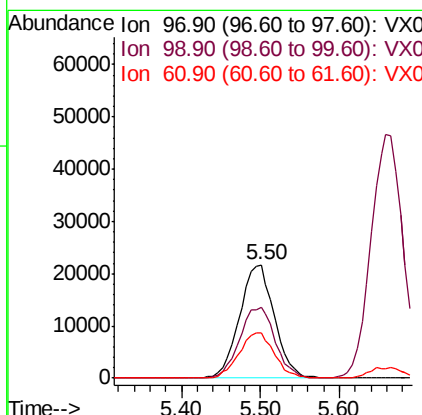
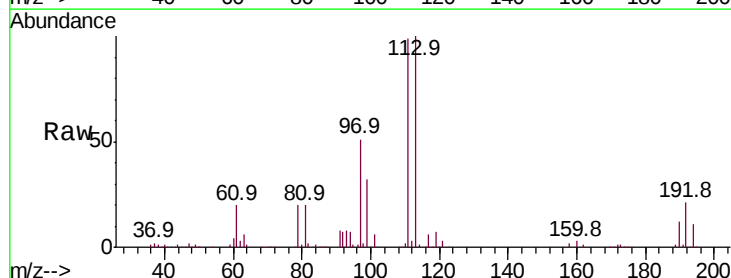
Manual Integrations
APPROVED

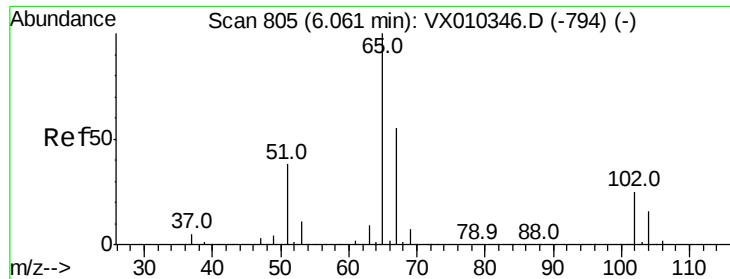
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.531 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.8
61	40.7	32.1	48.1





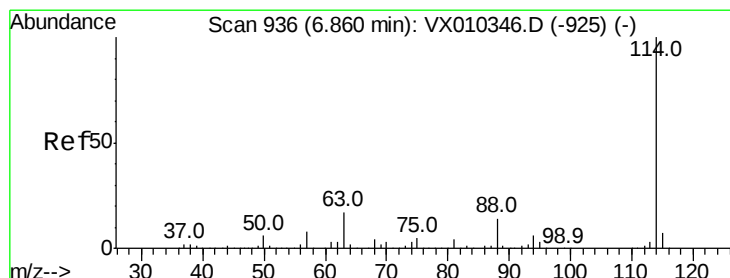
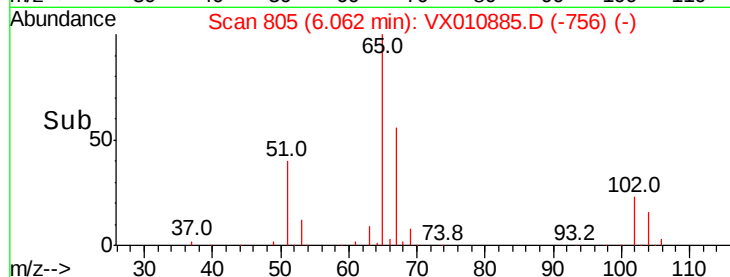
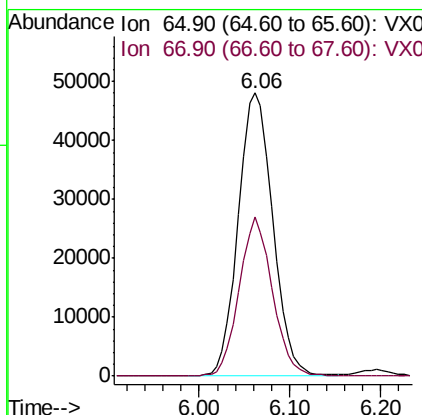
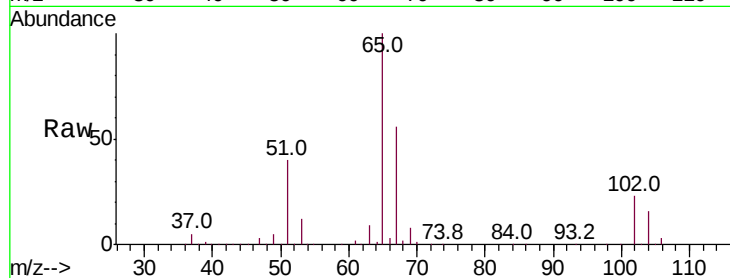
#33
 1,2-Dichloroethane-d4
 Concen: 50.870 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2

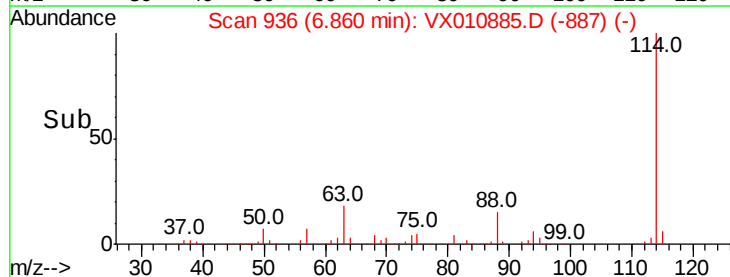
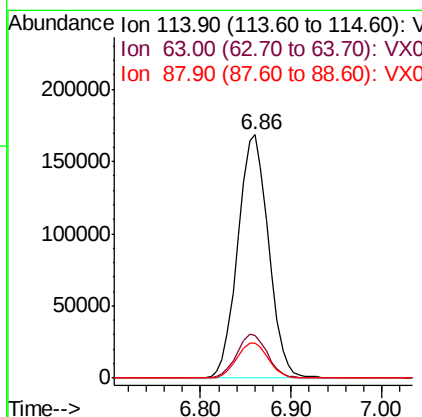
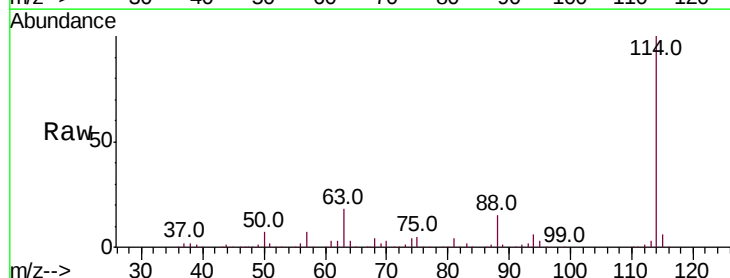
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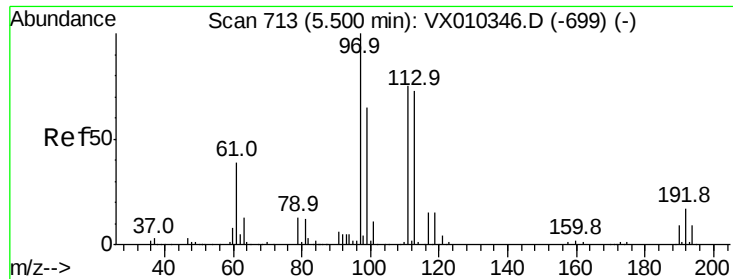
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	33.8
88	14.5	0.0	27.6





#35

Dibromofluoromethane

Concen: 50.027 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

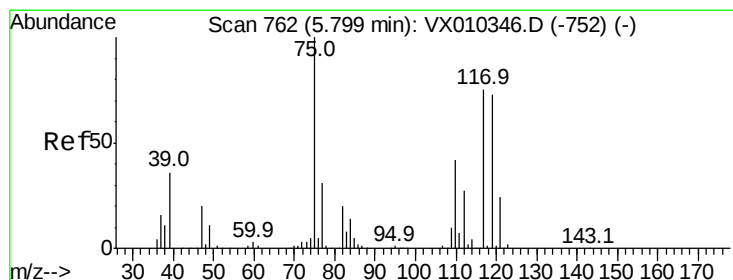
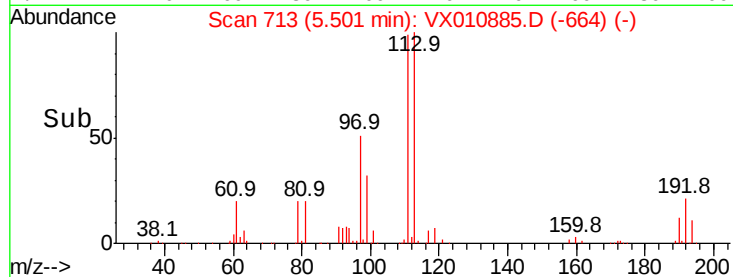
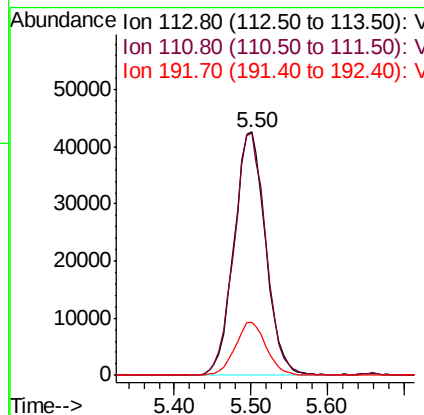
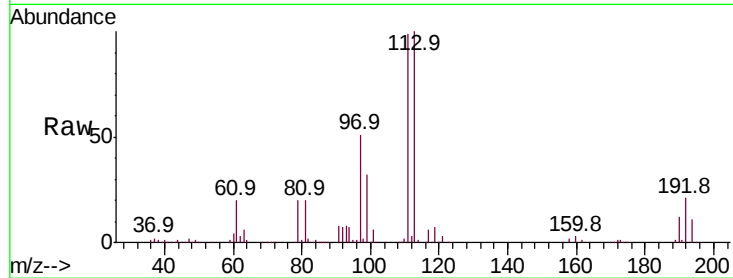
ClientSampleId :

VX0715WBS03

Tot Ion:	113	Resp:	121553
Ion Ratio	Lower	Upper	
113	100		
111	100.2	81.2	121.8
192	21.5	18.6	27.8

Manual Integrations
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7/16/2019 10:44:23 AM



#36

1,1-Dichloropropene

Concen: 16.812 ug/l

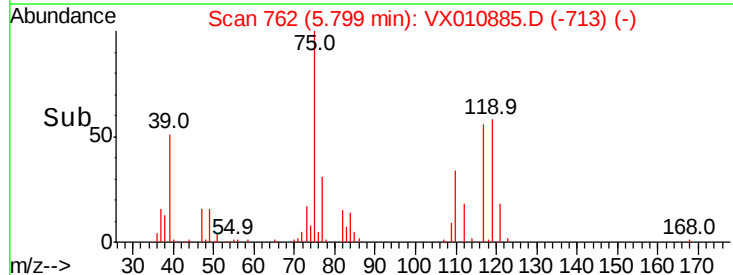
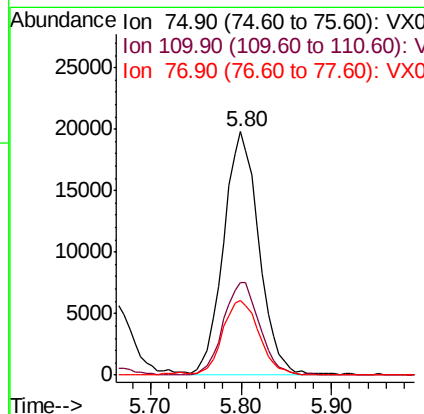
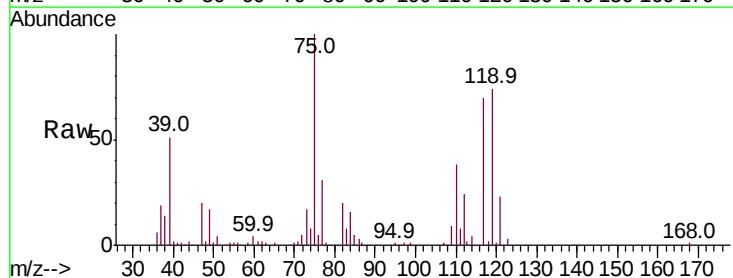
RT: 5.80 min Scan# 762

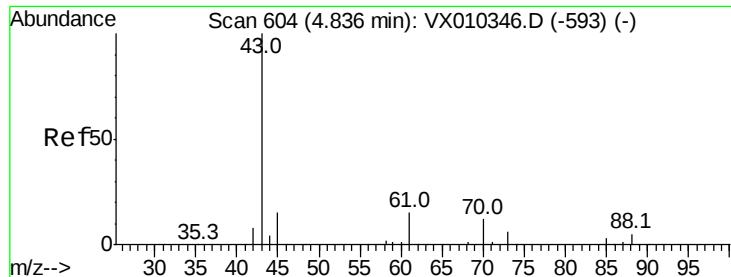
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	75	Resp:	53054
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.8	62.2
77	32.1	25.4	38.0





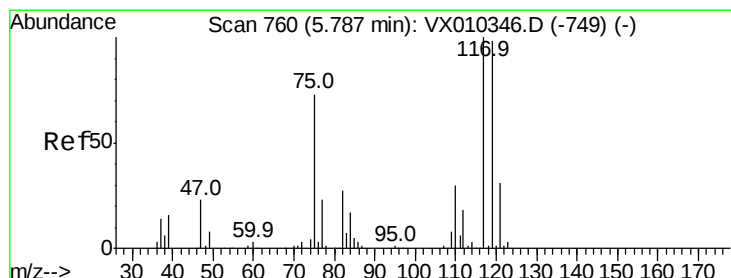
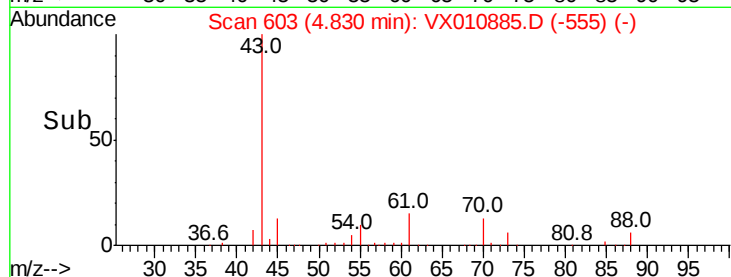
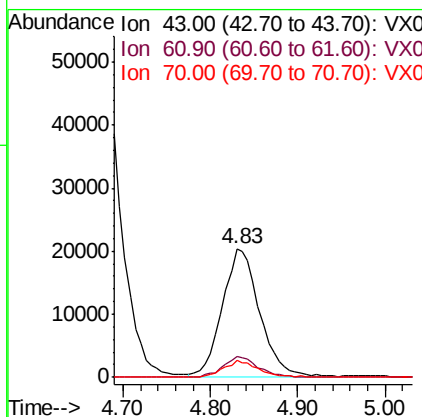
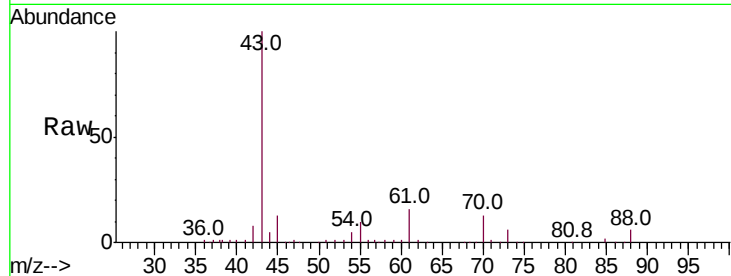
#37
Ethyl Acetate
Concen: 18.375 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleID :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	12.0	9.8	14.8

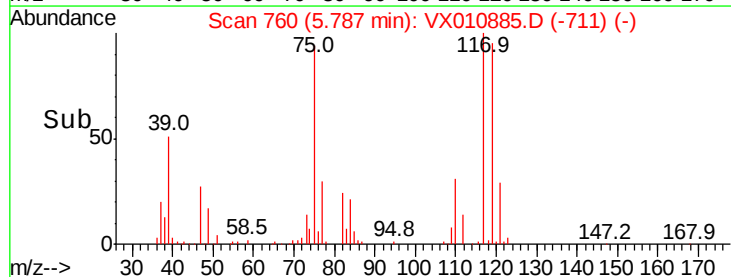
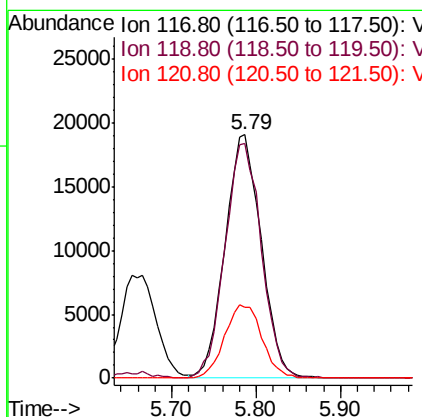
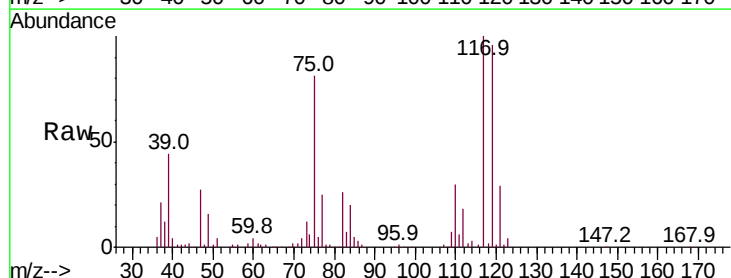
Manual Integrations
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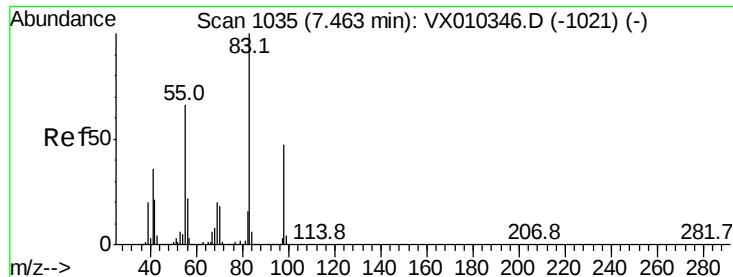
MMDadoda
7/16/2019 10:44:23 AM



#38
Carbon Tetrachloride
Concen: 16.297 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.4
121	29.3	24.7	37.1





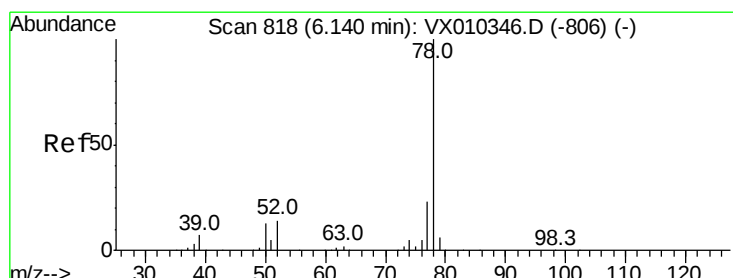
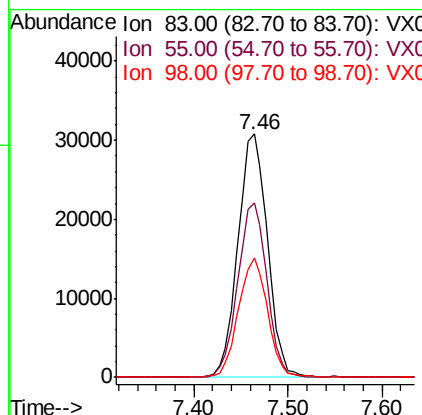
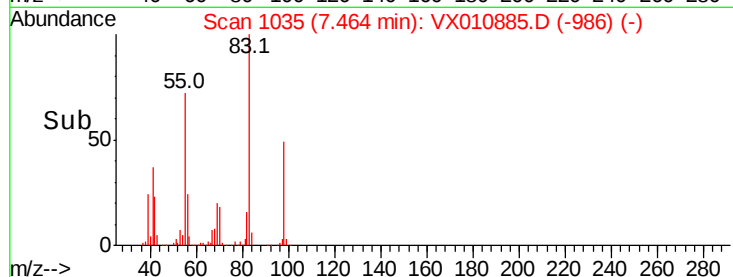
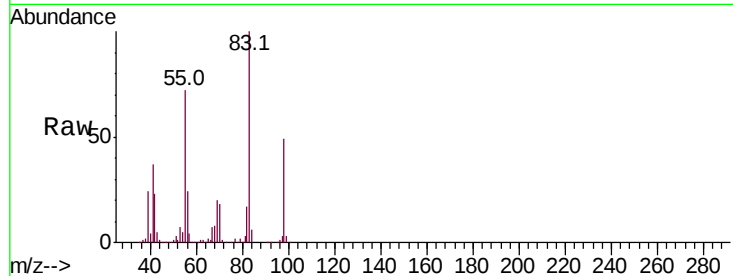
#39
Methylvlcyclohexane
Concen: 16.272 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	53.0	79.6
98	48.8	37.8	56.8

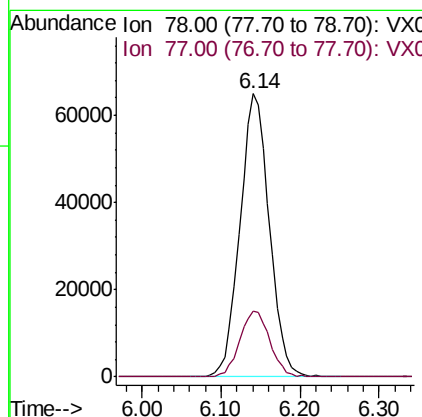
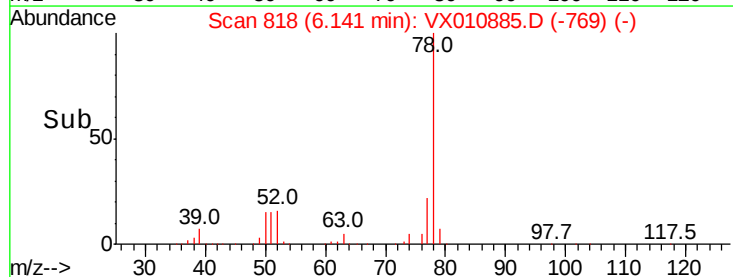
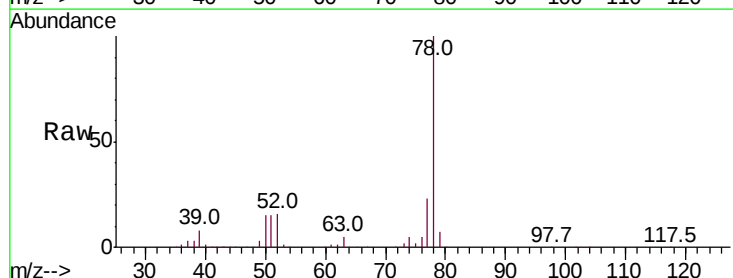
Manual Integrations
APPROVED

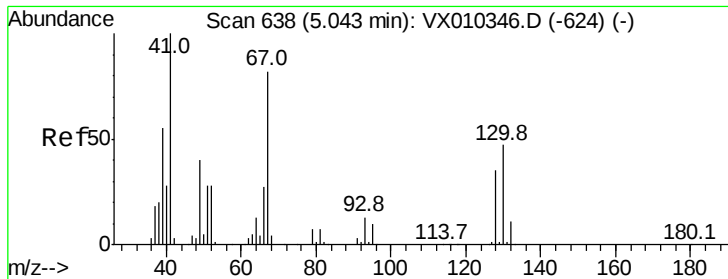
MMDadoda
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#40
Benzene
Concen: 17.082 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





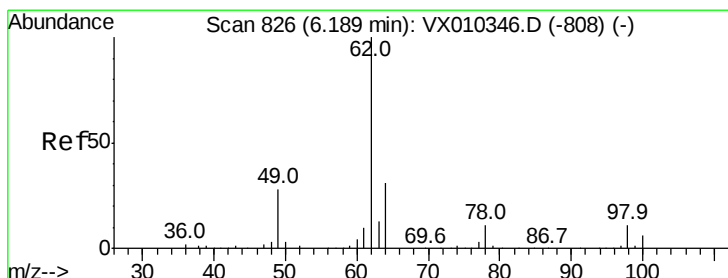
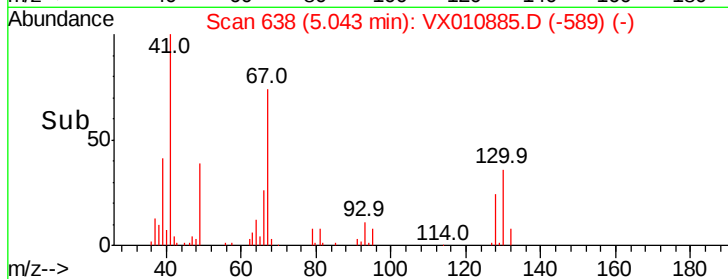
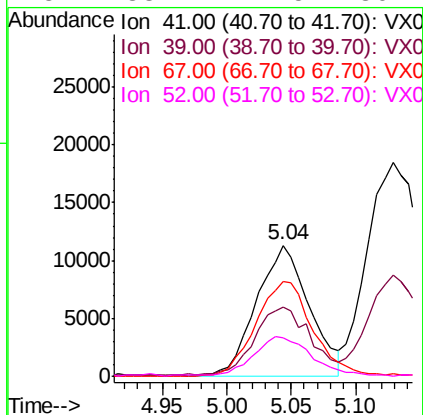
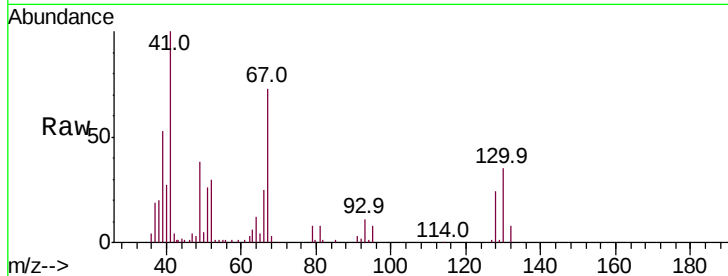
#41
Methacrylonitrile
Concen: 18.079 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.8	65.8
67	78.7	66.6	100.0
52	33.7	24.5	36.7

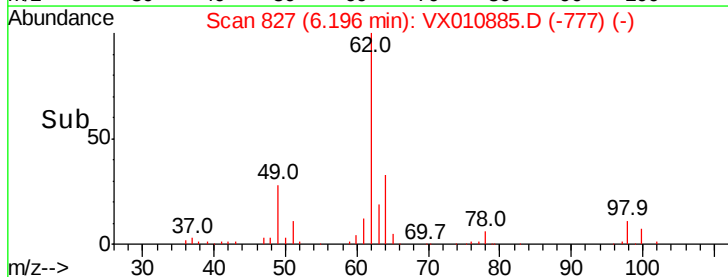
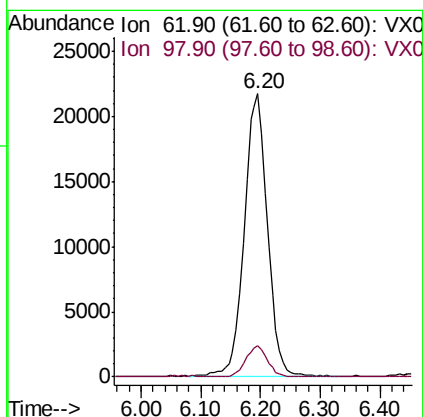
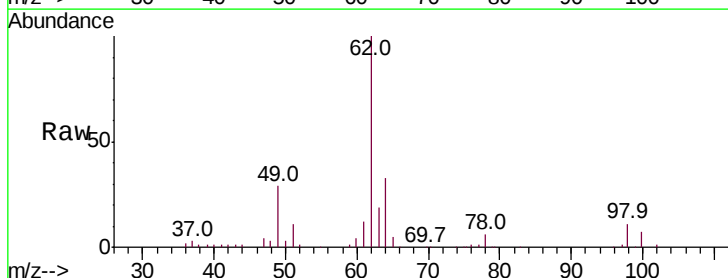
Manual Integrations
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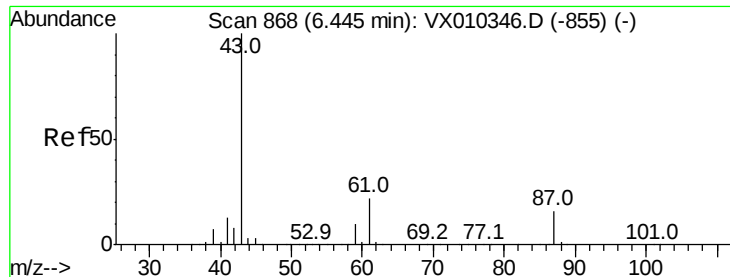
MMDadoda
7/16/2019 10:44:23 AM



#42
1,2-Dichloroethane
Concen: 19.723 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.2





#43

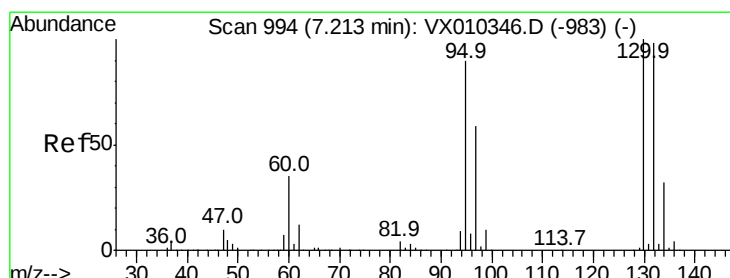
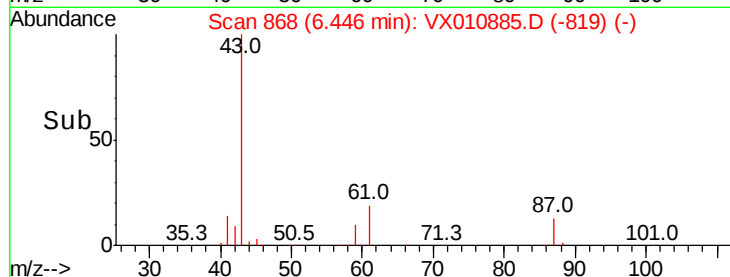
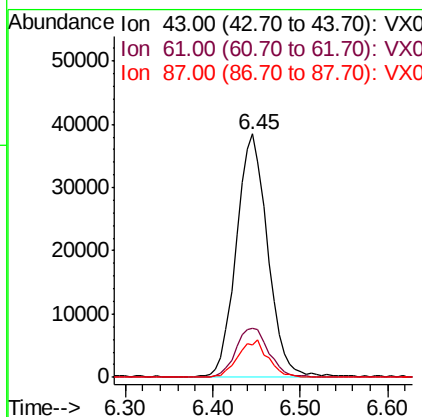
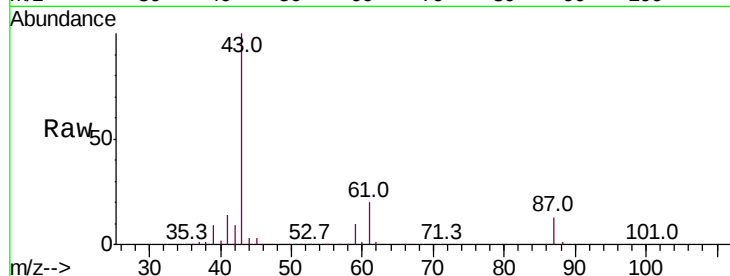
Isopropyl Acetate
 Concen: 17.733 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.8	26.6
87	14.9	13.0	19.4

Manual Integrations
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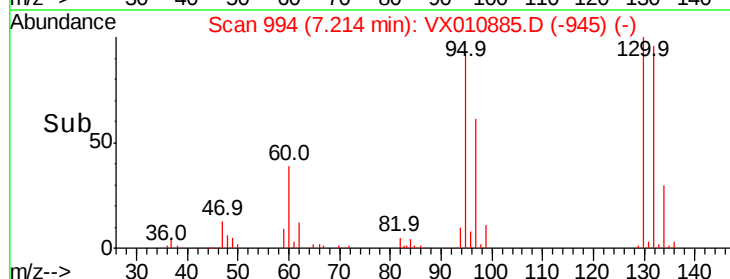
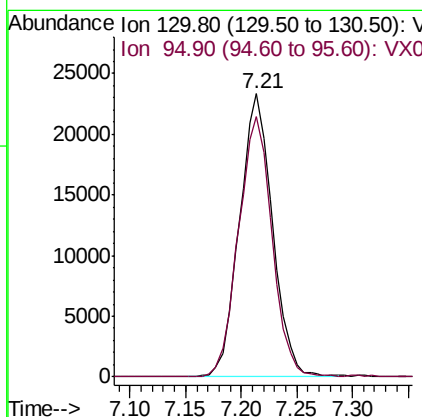
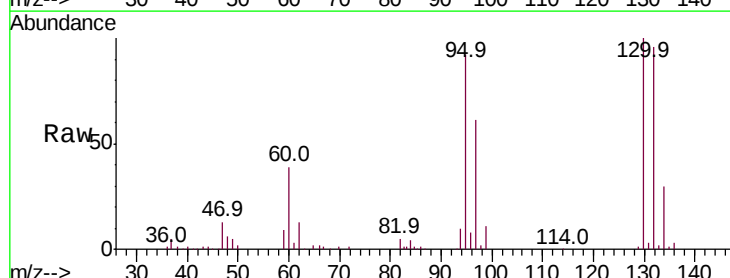
MMDadoda
 7/16/2019 10:44:23 AM

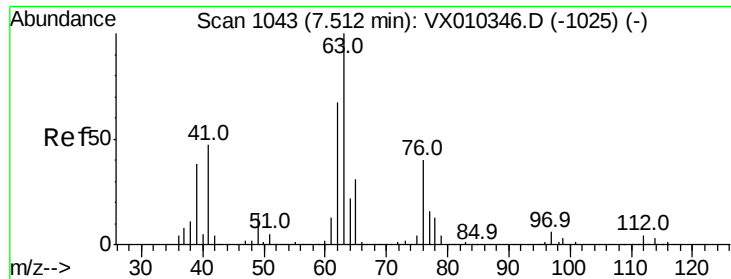


#44

Trichloroethene
 Concen: 16.366 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	180.8





#45

1,2-Dichloropropane

Concen: 17.312 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 63 Resp: 42981

Ion Ratio Lower Upper

63 100

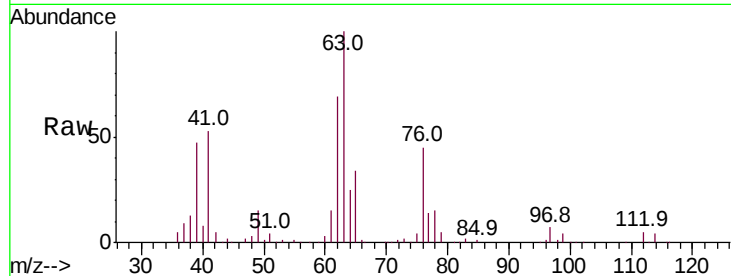
65 33.4 24.8 37.2

Manual Integrations

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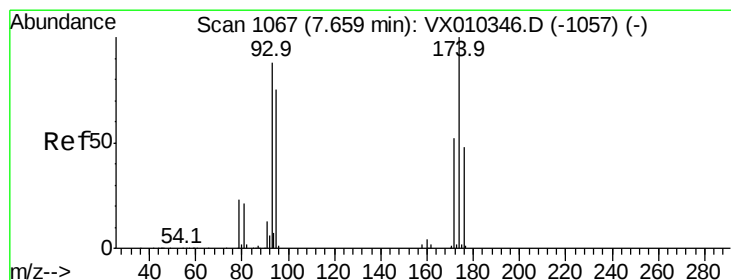
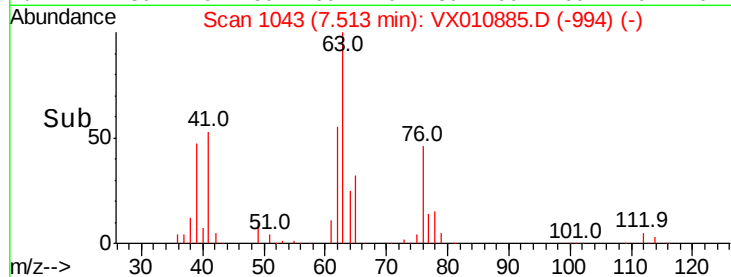
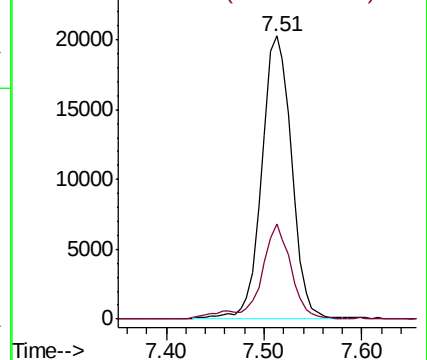
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.426 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

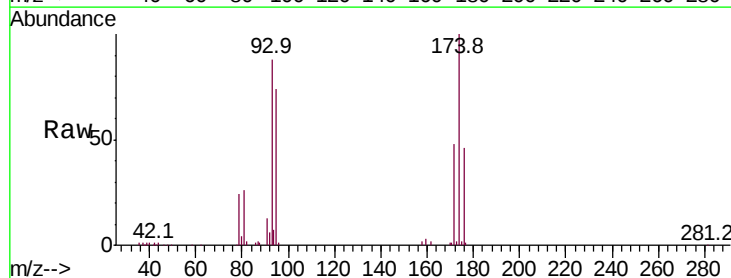
Tgt Ion: 93 Resp: 31042

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

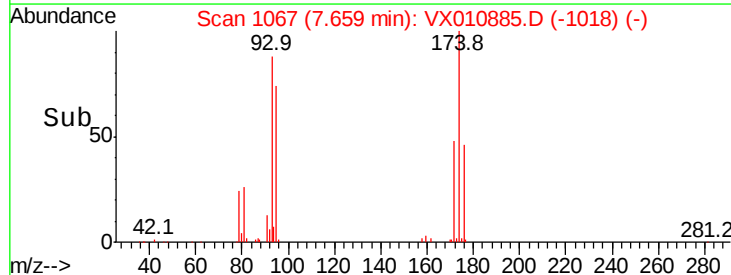
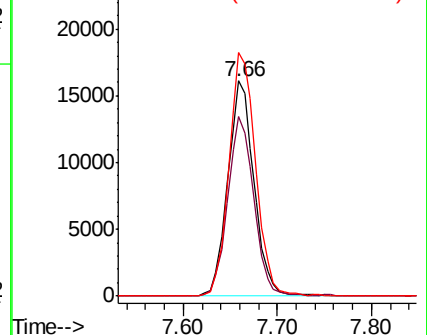
174 114.7 95.8 143.6

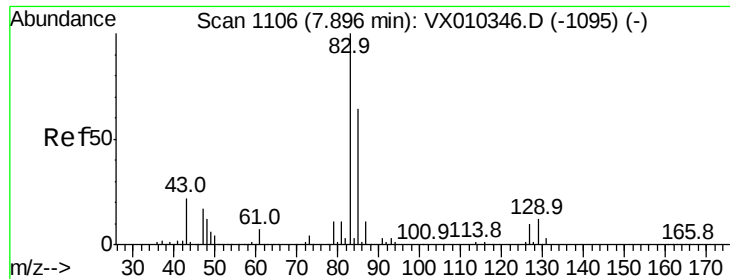


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 16.930 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

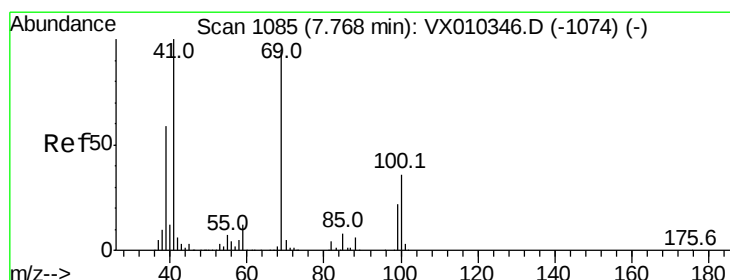
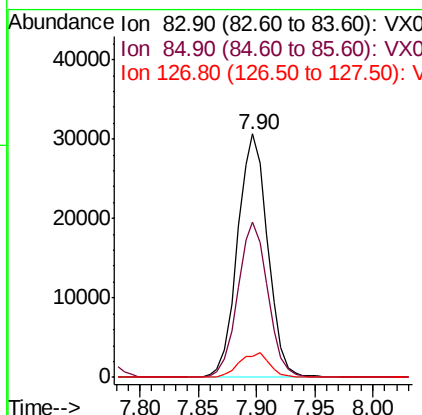
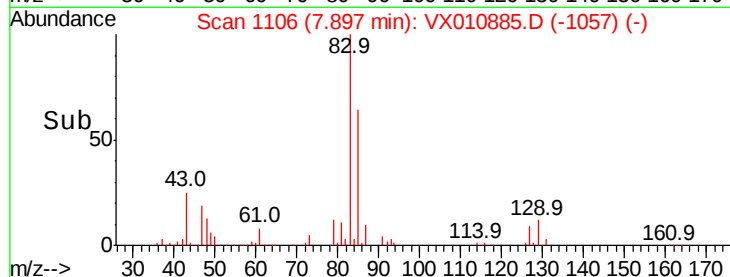
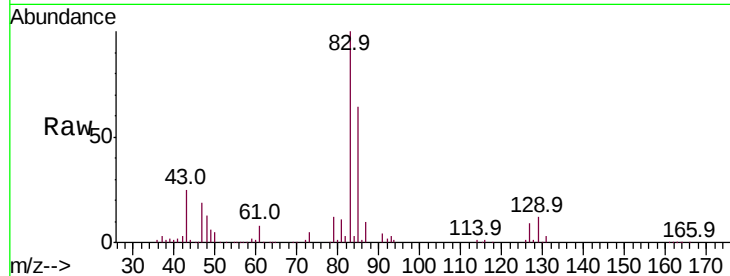
ClientSampleId :

VX0715WBS03

Tot Ion:	83	Resp:	55269
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3
127	8.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.467 ug/l

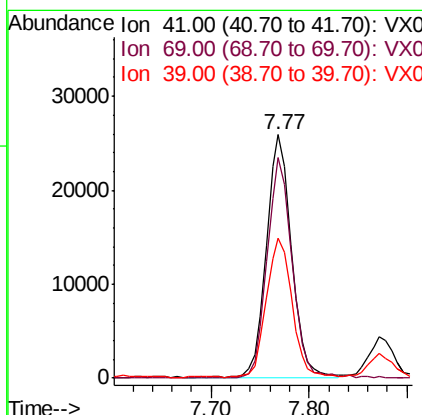
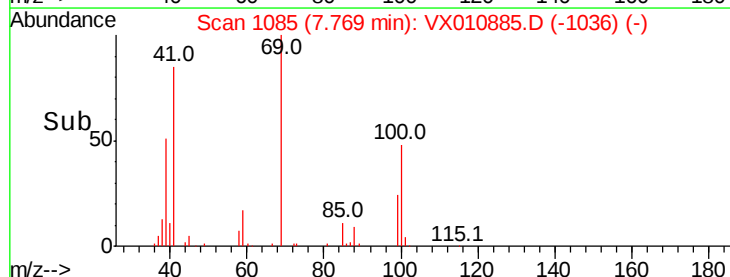
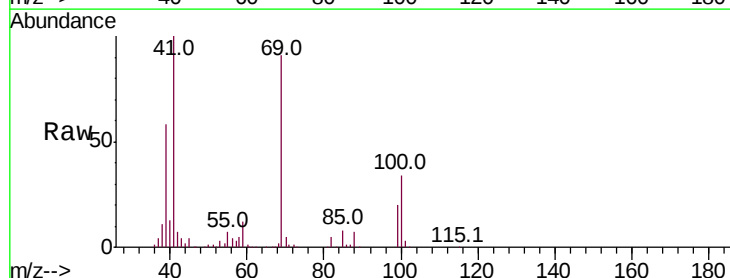
RT: 7.77 min Scan# 1085

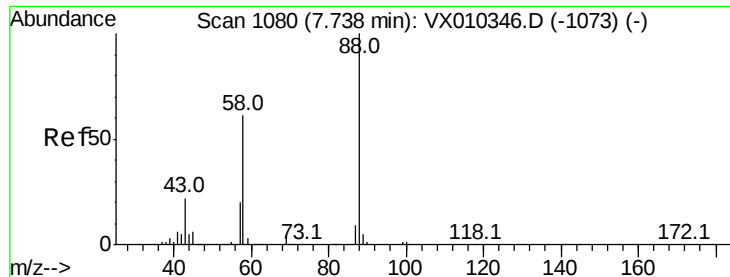
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	41	Resp:	46107
Ion	Ratio	Lower	Upper
41	100		
69	91.2	76.1	114.1
39	59.7	47.6	71.4





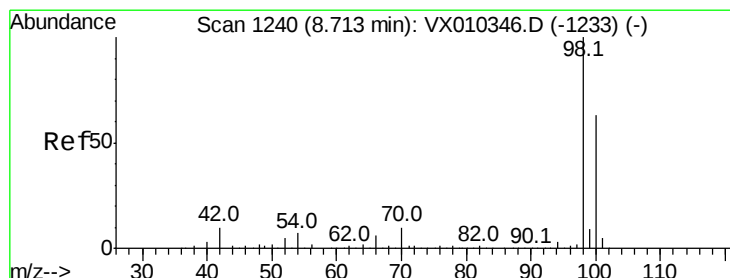
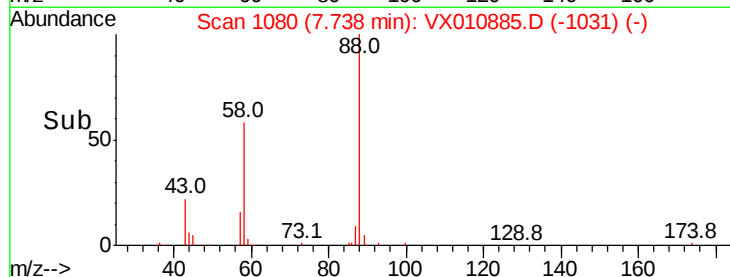
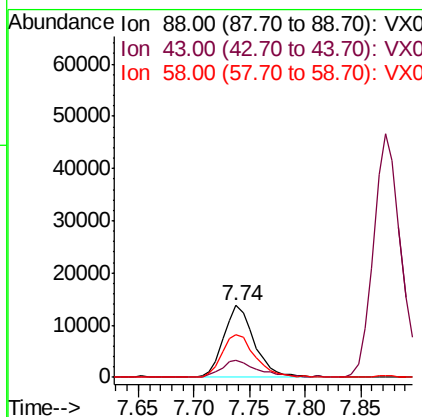
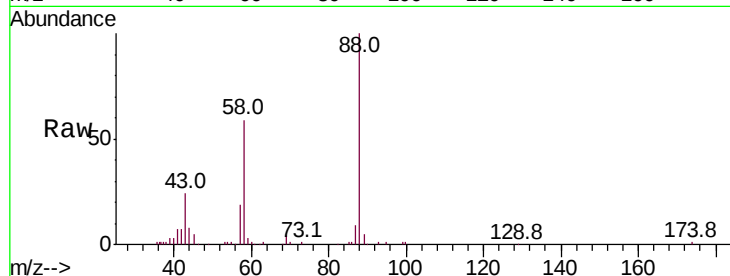
#49
1,4-Dioxane
Concen: 364.920 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	20.2	30.2
58	64.5	49.5	74.3

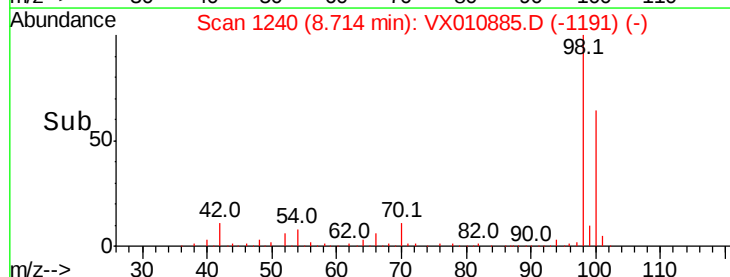
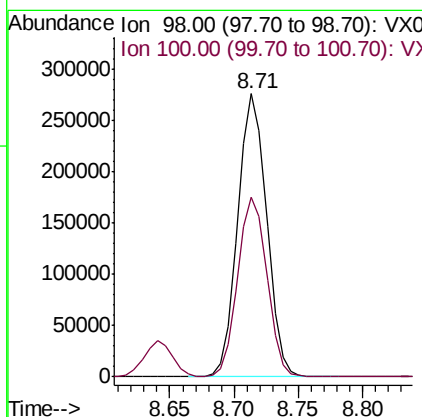
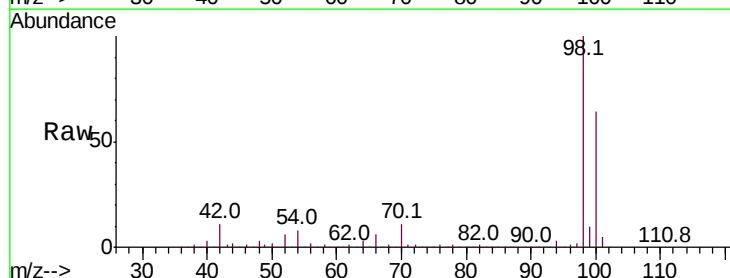
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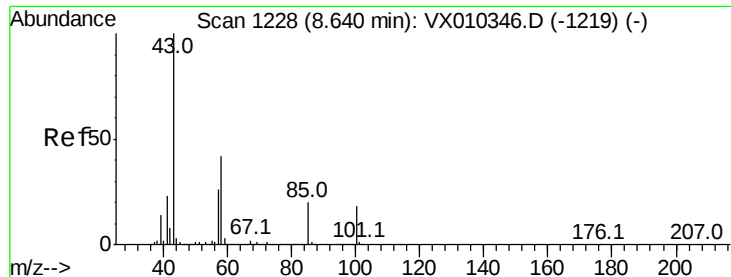
MMDadoda
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#50
Toluene-d8
Concen: 46.308 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 91.832 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 43 Resp: 315470

Ion Ratio Lower Upper

43 100

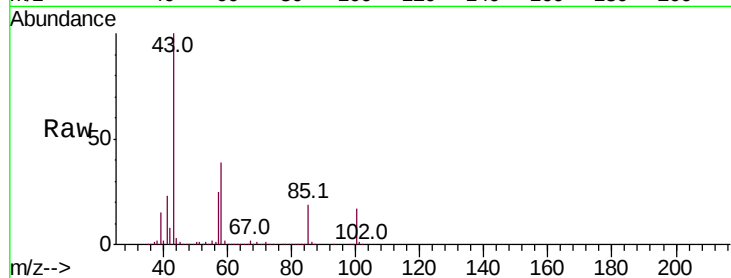
58 40.4 33.5 50.3

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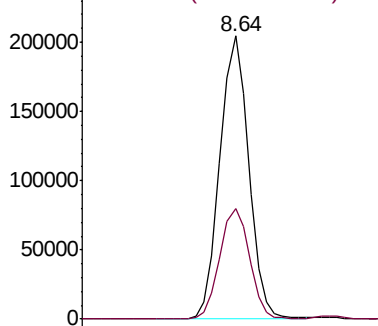
MMDadoda

7/16/2019 10:44:23 AM

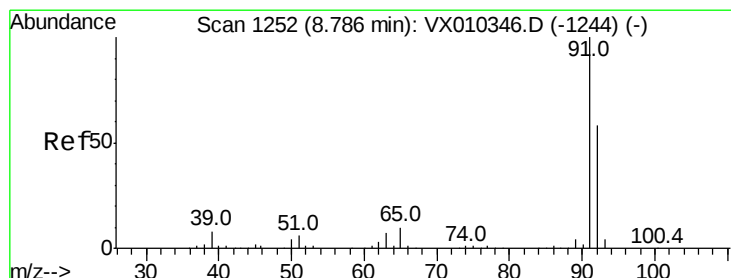
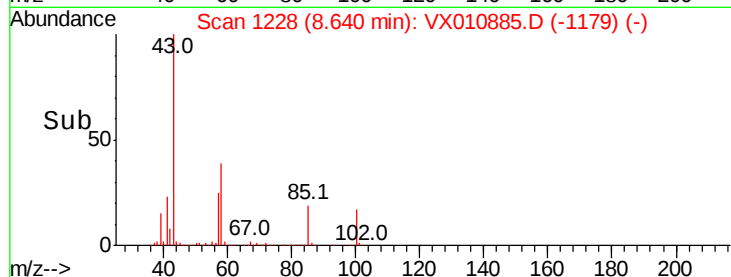


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 16.958 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010885.D

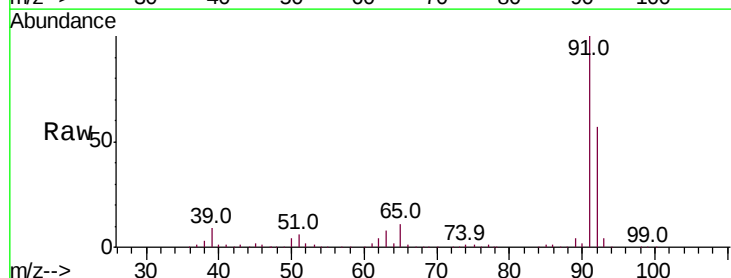
Acq: 15 Jul 2019 15:27

Tgt Ion: 92 Resp: 109797

Ion Ratio Lower Upper

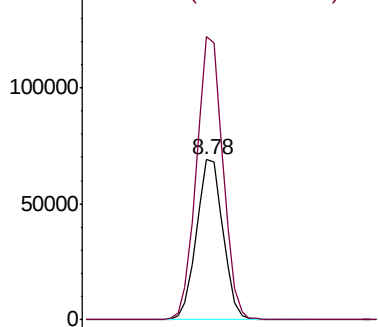
92 100

91 176.0 139.8 209.6

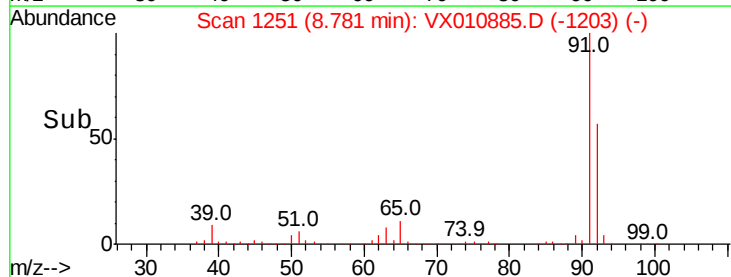


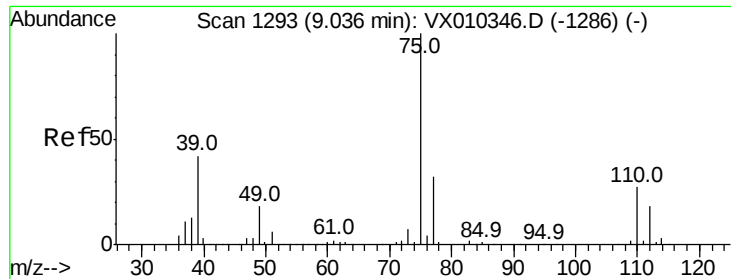
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





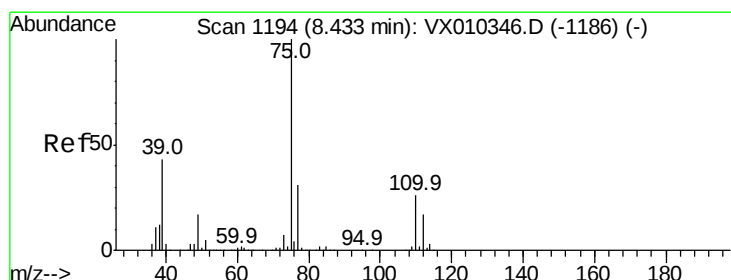
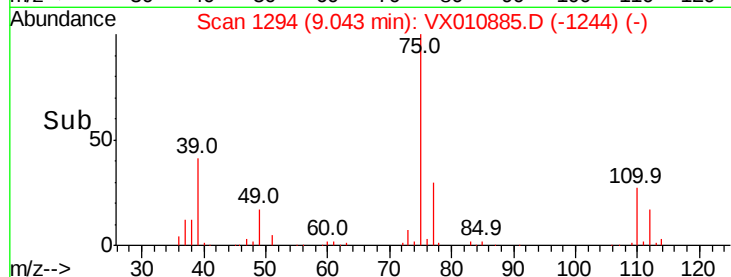
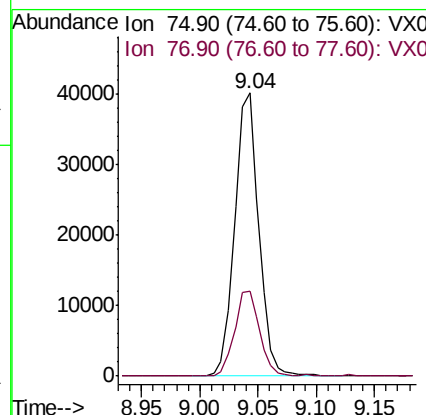
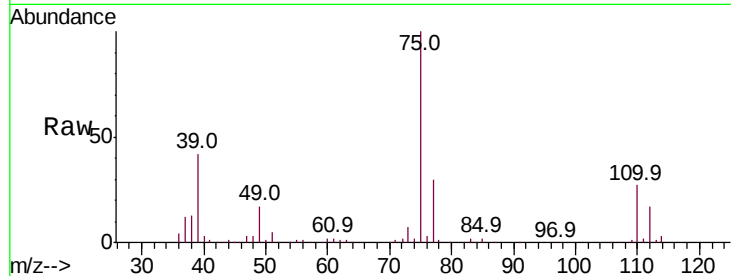
#53
t-1,3-Dichloropropene
Concen: 15.814 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 75 Resp: 57879
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

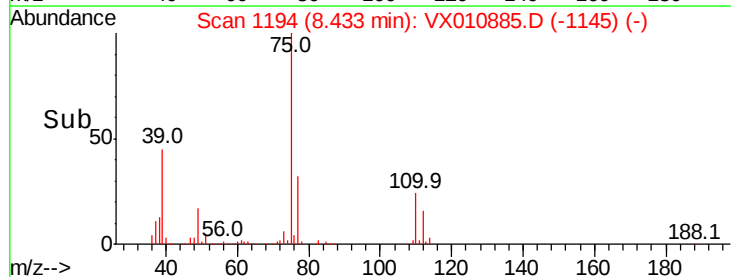
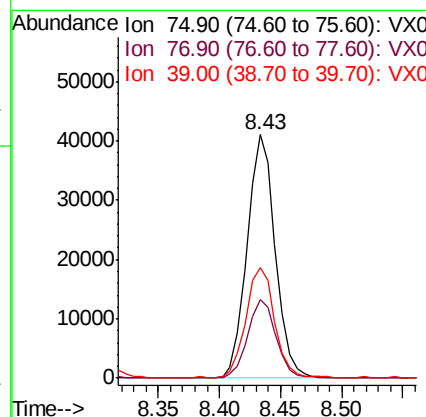
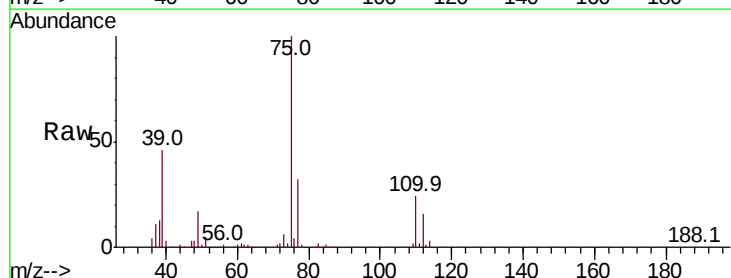
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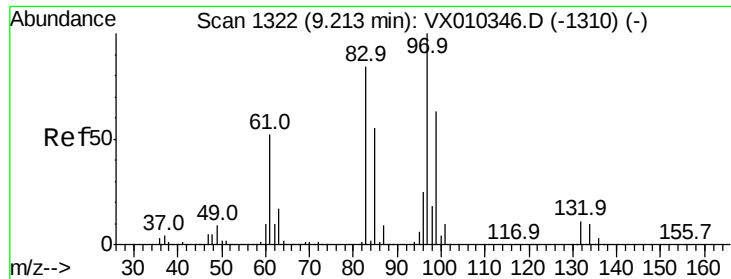
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#54
cis-1,3-Dichloropropene
Concen: 16.447 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 75 Resp: 65415
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 45.3 34.5 51.7





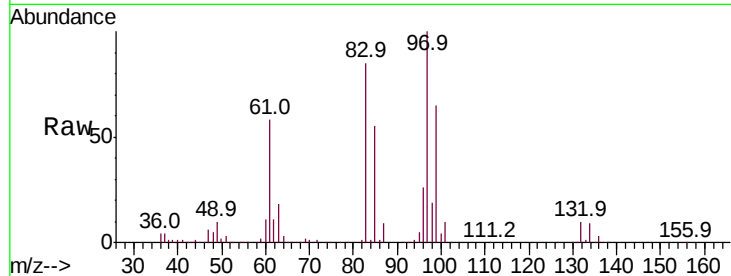
#55
 1,1,2-Trichloroethane
 Concen: 17.586 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

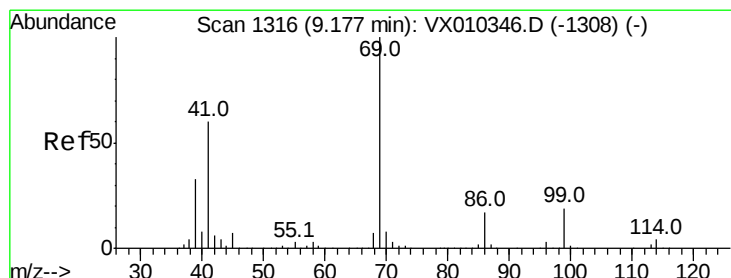
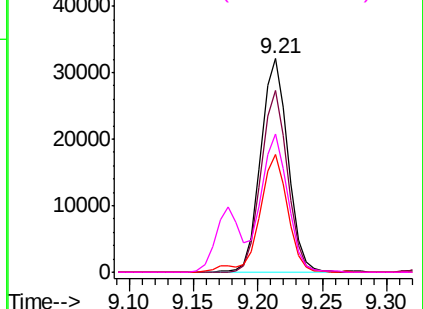
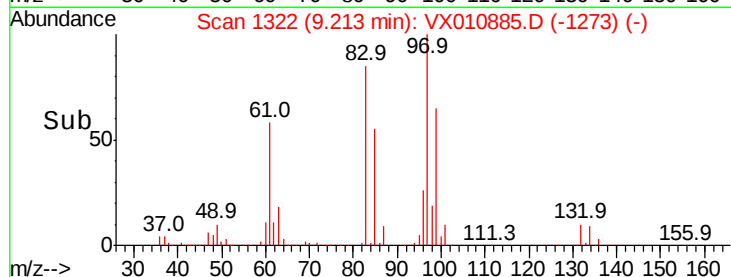
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.0
85	55.0	43.8	65.8
99	64.6	50.3	75.5

Manual Integrations
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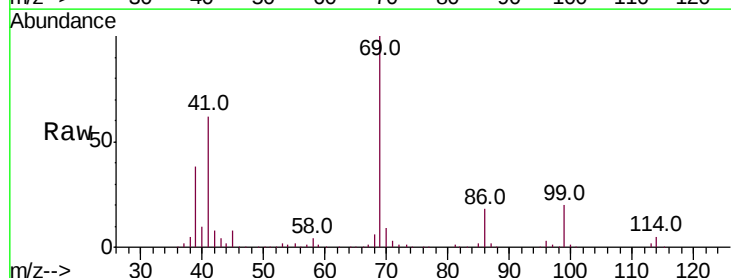


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

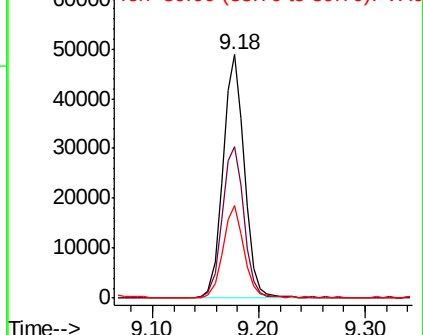
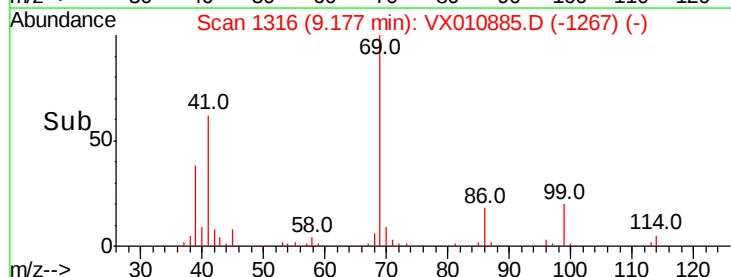


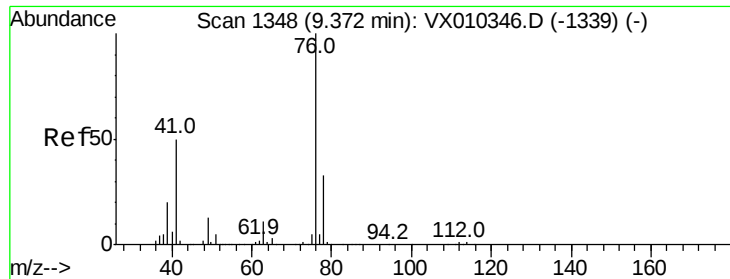
#56
 Ethyl methacrylate
 Concen: 16.970 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.1	70.7
39	36.3	26.6	40.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 17.787 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 76 Resp: 73727

Ion Ratio Lower Upper

76 100

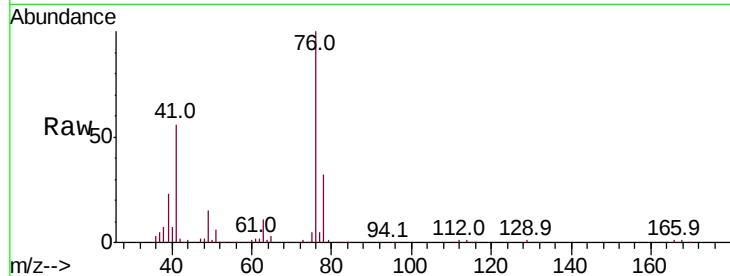
78 31.8 26.1 39.1

Manual Integrations

APPROVED

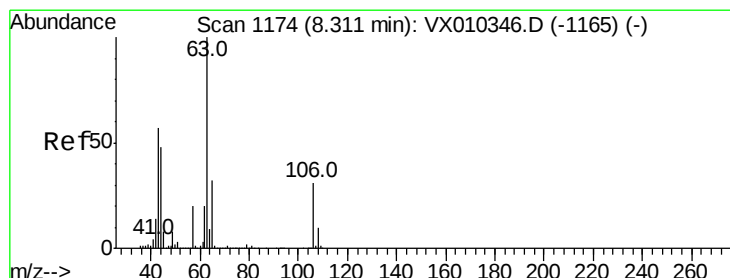
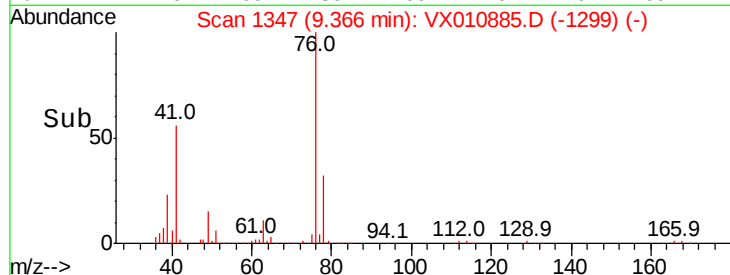
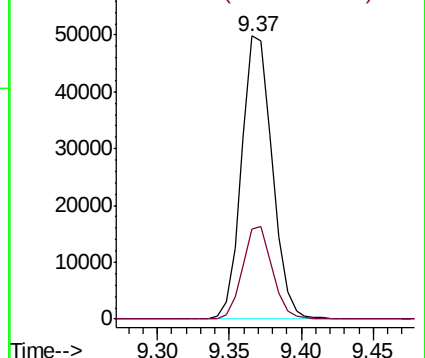
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 80.678 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010885.D

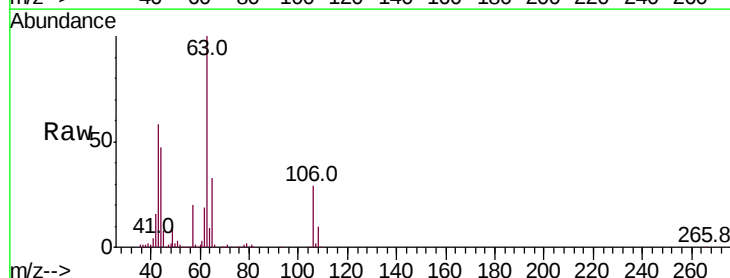
Acq: 15 Jul 2019 15:27

Tgt Ion: 63 Resp: 154992

Ion Ratio Lower Upper

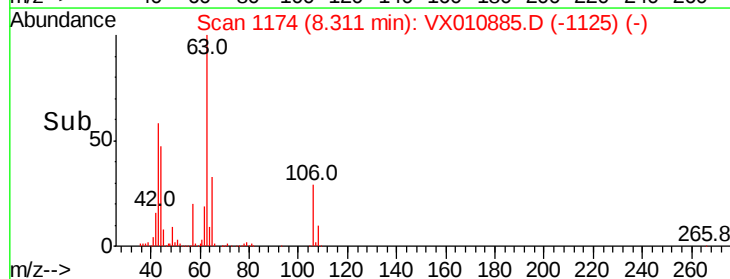
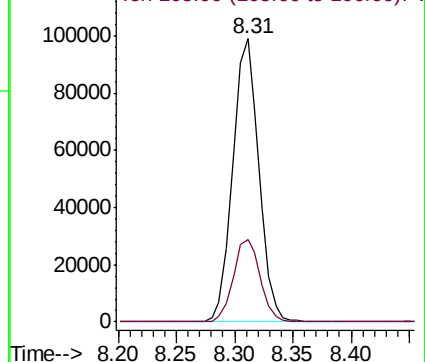
63 100

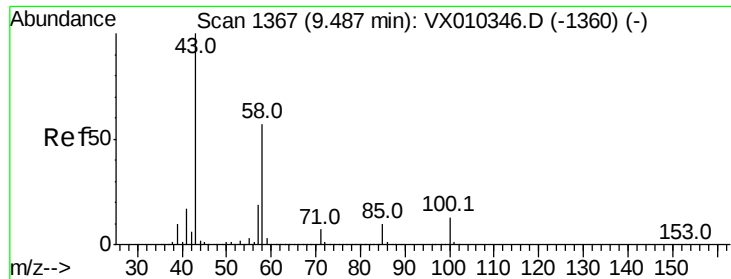
106 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





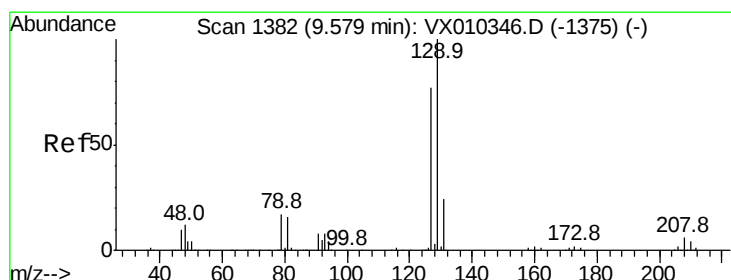
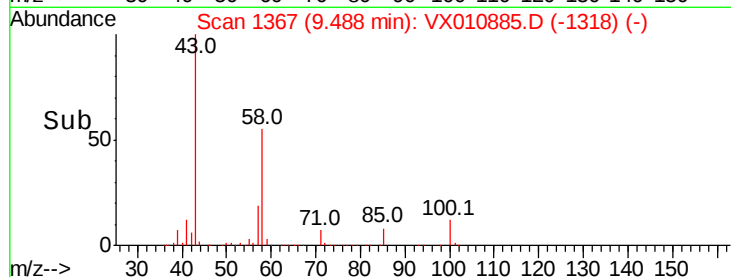
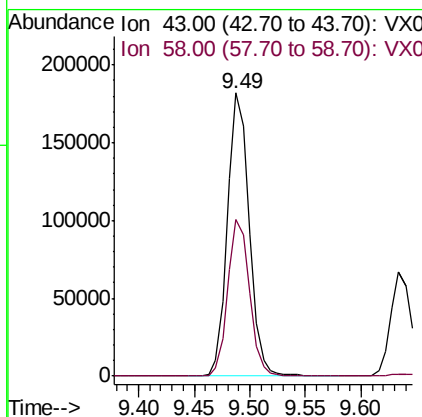
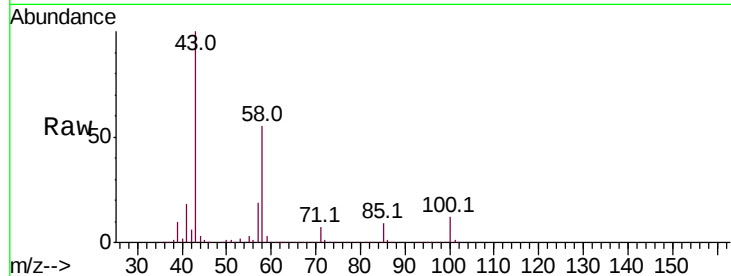
#59
2-Hexanone
Concen: 91.068 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 43 Resp: 246222
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.1

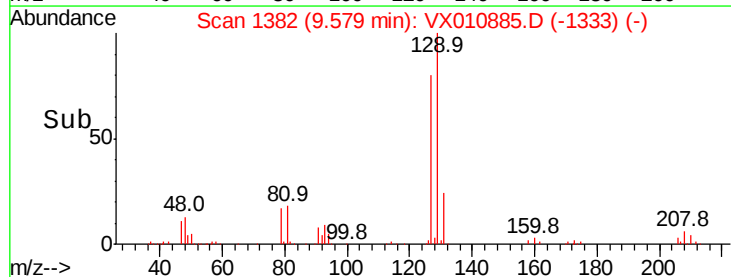
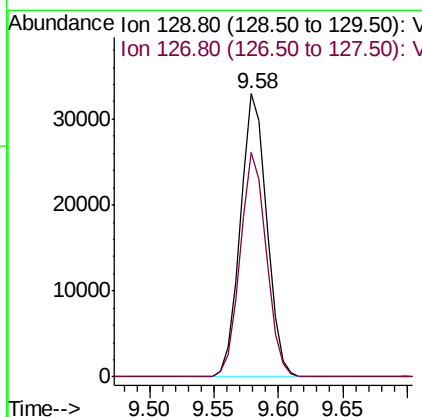
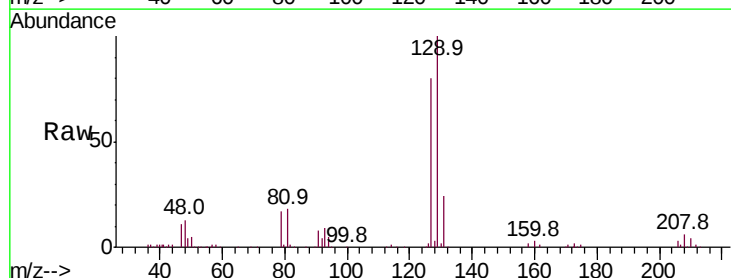
Manual Integrations
APPROVED

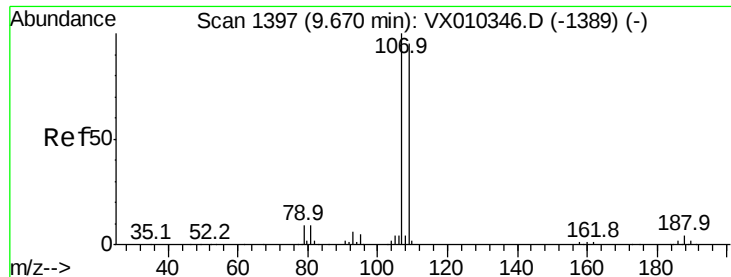
MMDadoda
7/16/2019 10:44:23 AM



#60
Dibromochloromethane
Concen: 15.599 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 129 Resp: 46639
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 17.070 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion:107 Resp: 49198

Ion Ratio Lower Upper

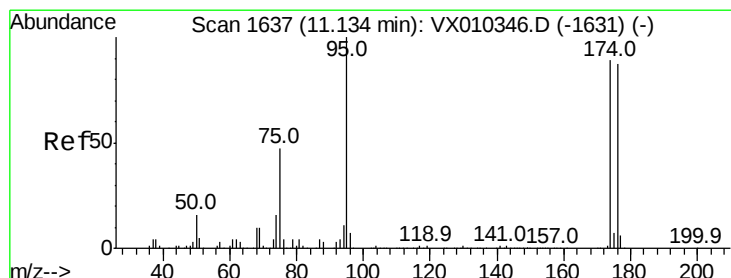
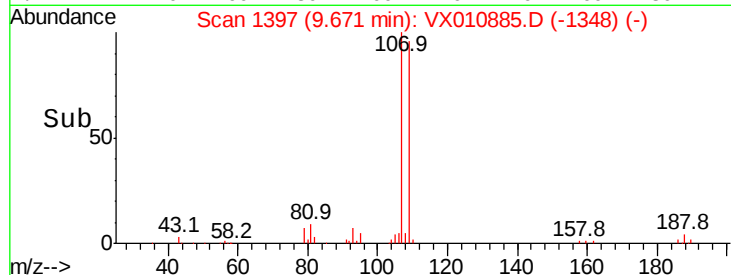
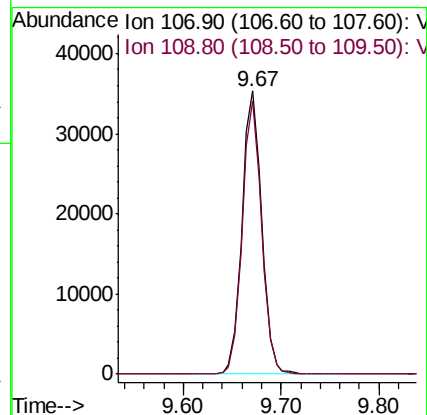
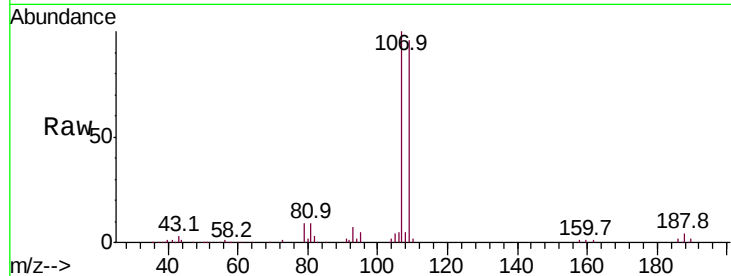
107 100

109 94.9 75.8 113.6

Manual Integrations
APPROVED

MMDadoda

7/16/2019 10:44:23 AM



#62

4-Bromofluorobenzene

Concen: 49.005 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

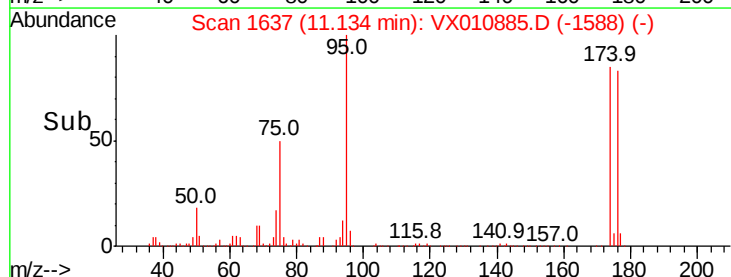
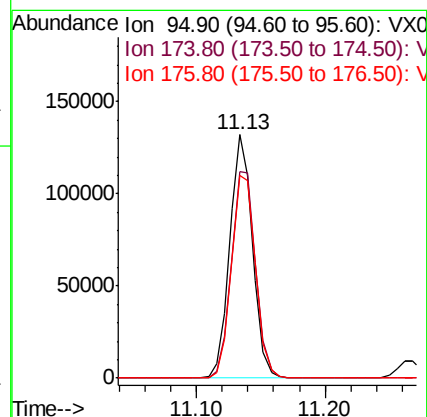
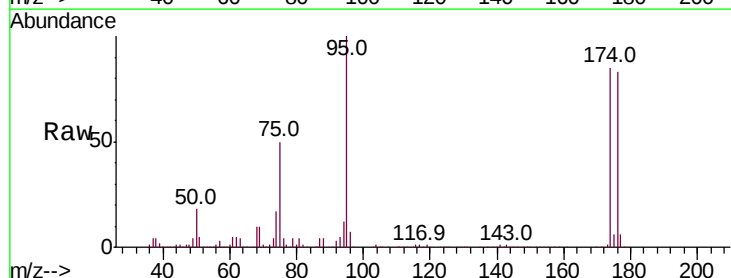
Tgt Ion: 95 Resp: 164464

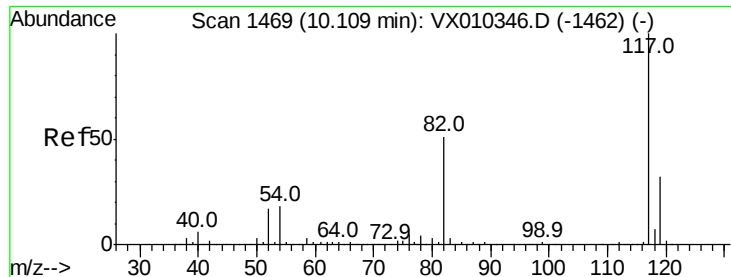
Ion Ratio Lower Upper

95 100

174 90.0 0.0 187.6

176 87.8 0.0 184.0





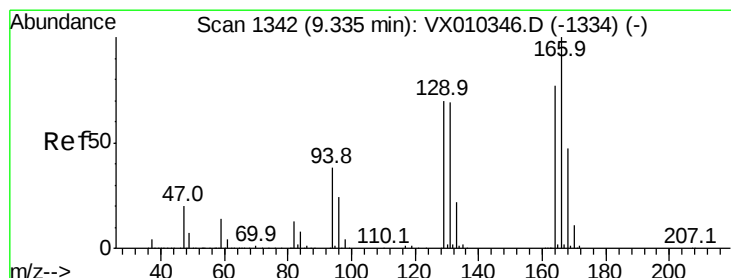
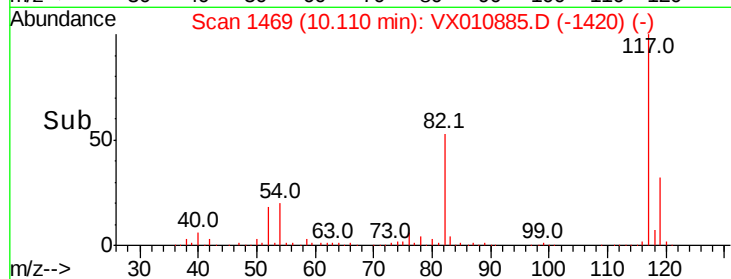
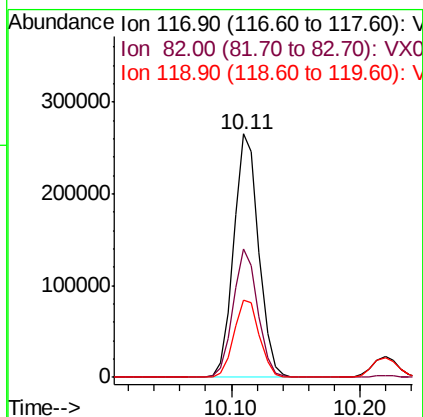
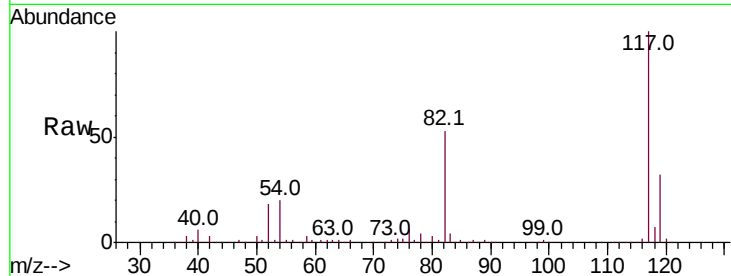
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	52.6	41.2	61.8	
119	31.9	25.5	38.3	

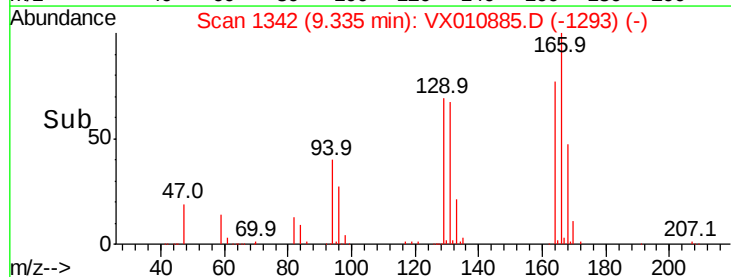
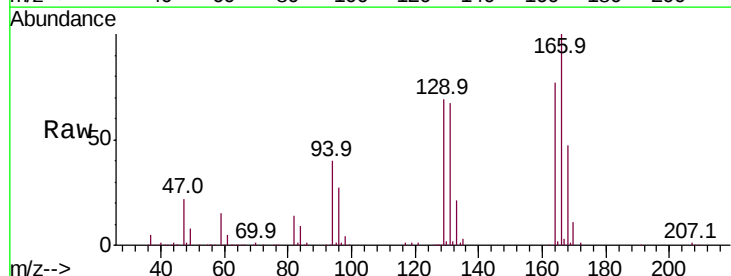
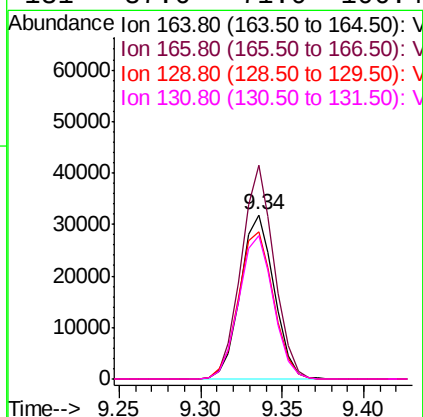
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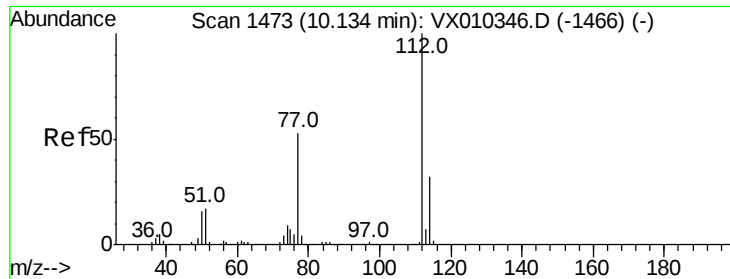
MMDadoda
7/16/2019 10:44:23 AM



#64
Tetrachloroethene
Concen: 15.841 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	130.1	103.6	155.4	
129	89.7	73.0	109.4	
131	87.6	71.0	106.4	





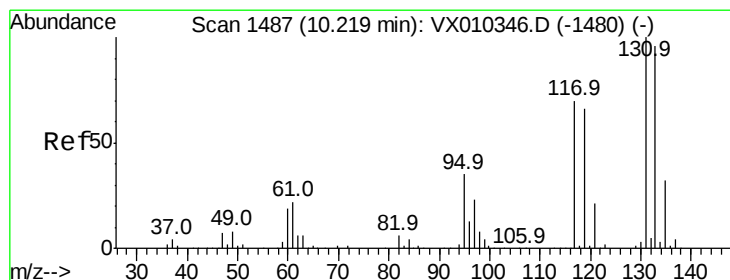
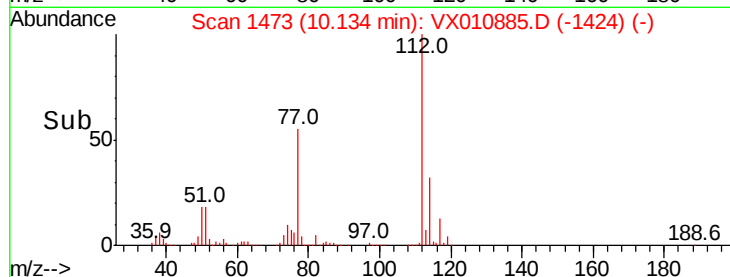
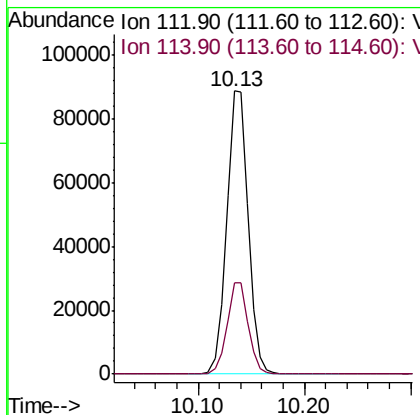
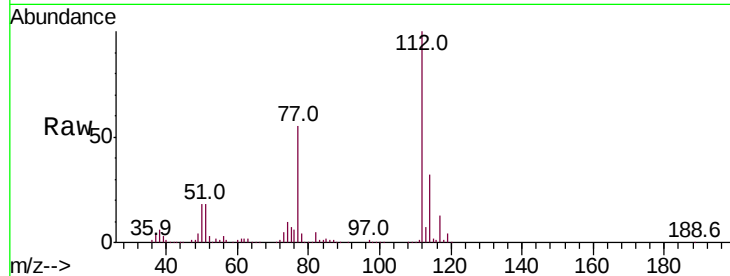
#65
Chlorobenzene
Concen: 17.221 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion:112 Resp: 125418
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

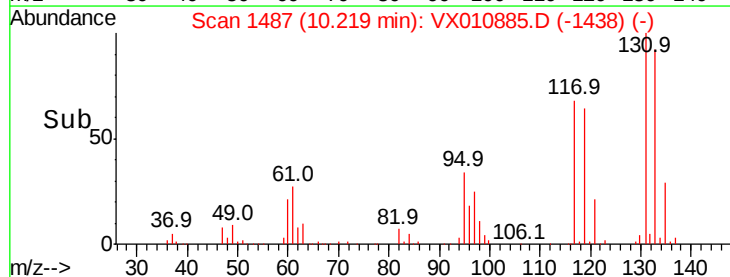
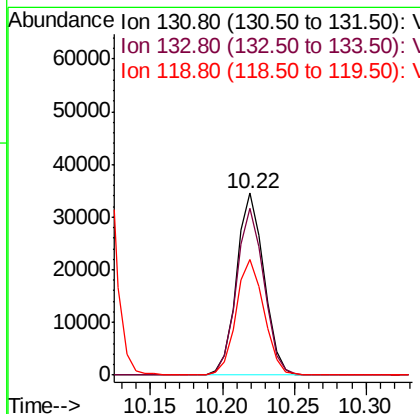
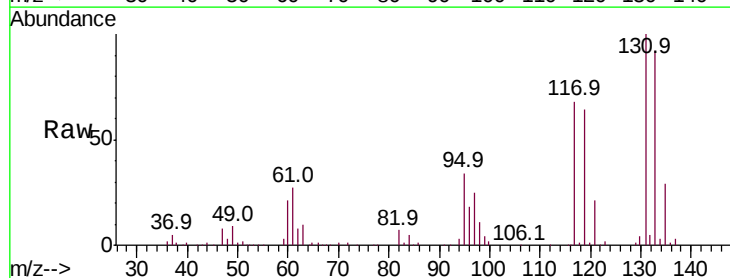
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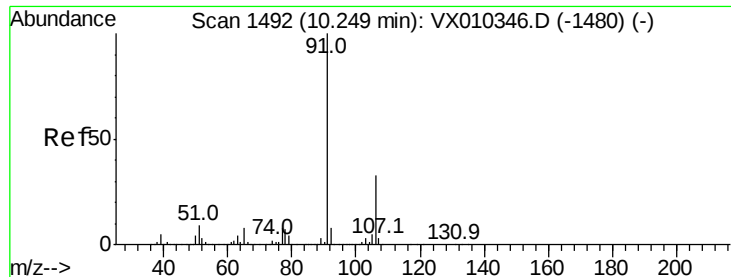
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.266 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion:131 Resp: 45801
Ion Ratio Lower Upper
131 100
133 92.9 47.7 143.1
119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 17.273 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 91 Resp: 212370

Ion Ratio Lower Upper

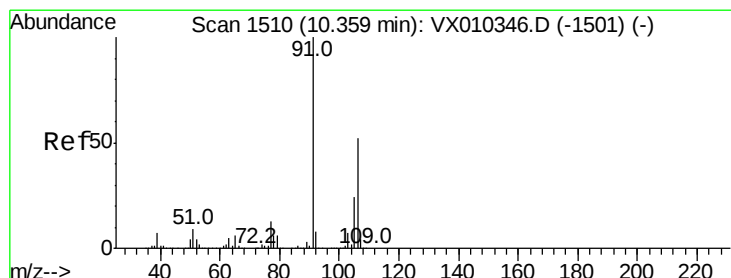
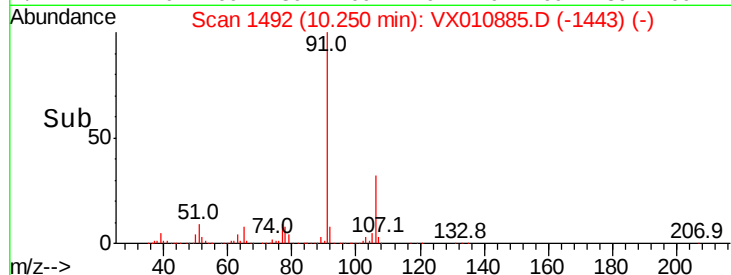
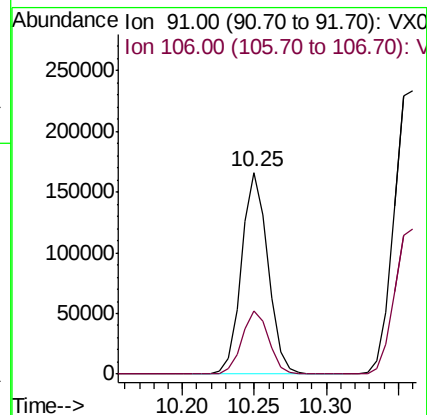
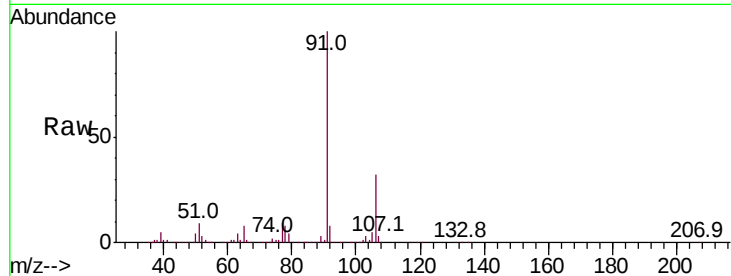
91 100

106 31.6 26.2 39.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 34.666 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010885.D

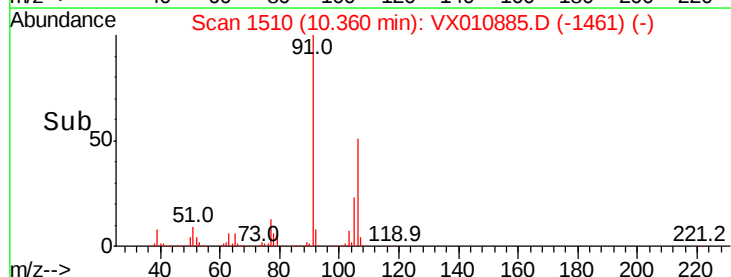
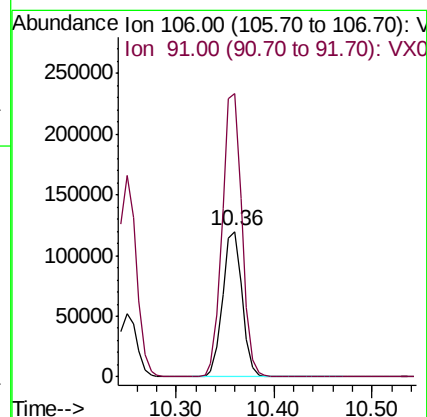
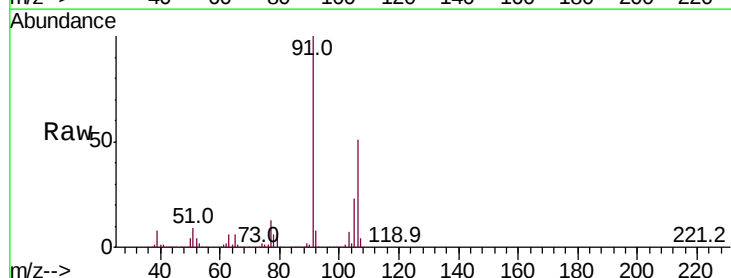
Acq: 15 Jul 2019 15:27

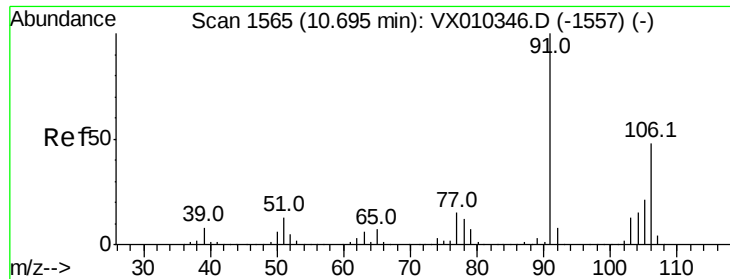
Tgt Ion: 106 Resp: 165147

Ion Ratio Lower Upper

106 100

91 196.9 155.3 232.9





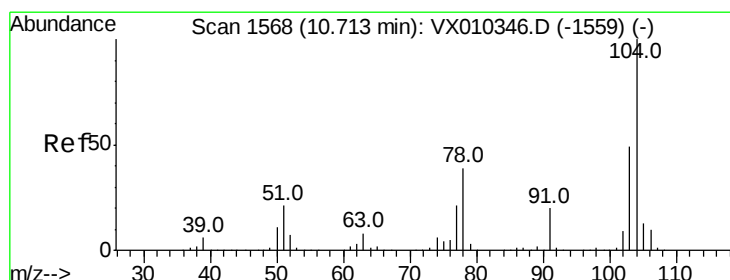
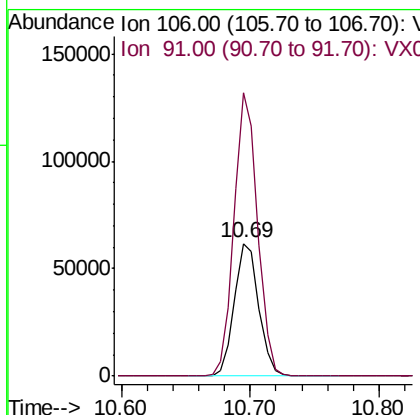
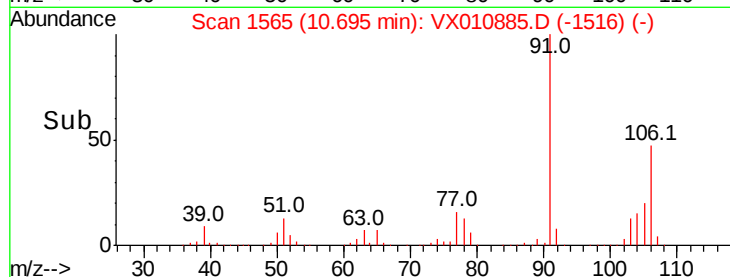
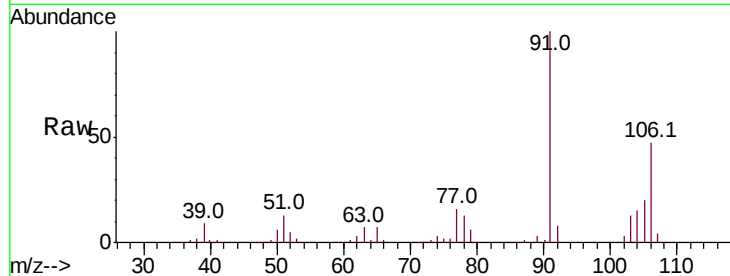
#69
o-Xylene
Concen: 17.462 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleID :
VX0715WBS03

Tot Ion:106 Resp: 81808
Ion Ratio Lower Upper
106 100
91 206.0 102.7 308.1

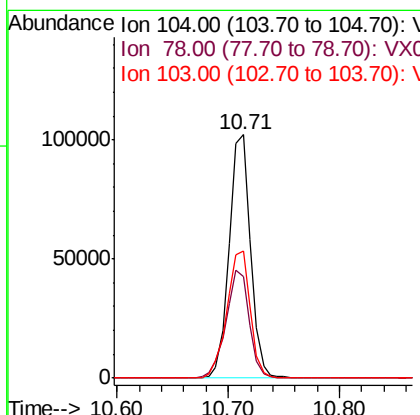
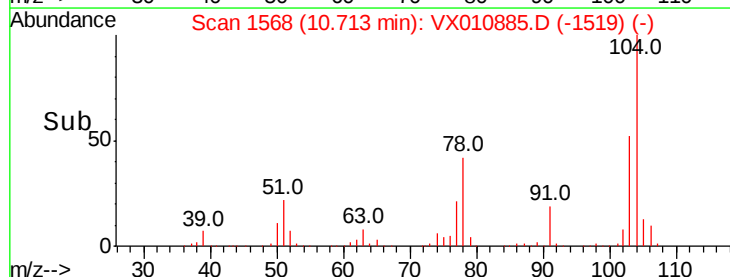
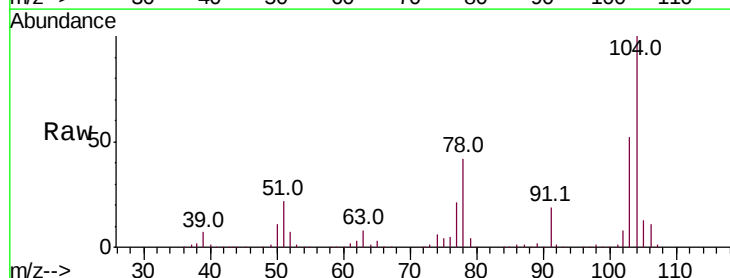
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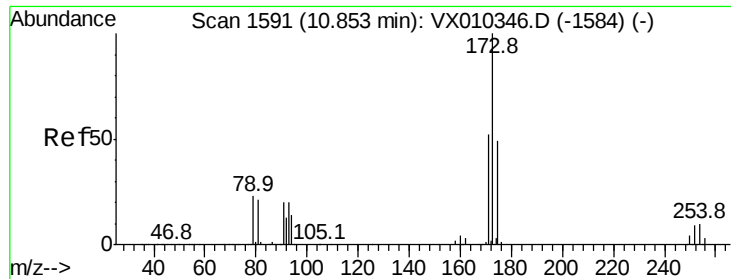
MMDadoda
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#70
Styrene
Concen: 17.250 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion:104 Resp: 135529
Ion Ratio Lower Upper
104 100
78 48.4 36.2 54.2
103 57.1 44.2 66.4





#71

Bromoform

Concen: 14.726 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion:173 Resp: 33970

Ion Ratio Lower Upper

173 100

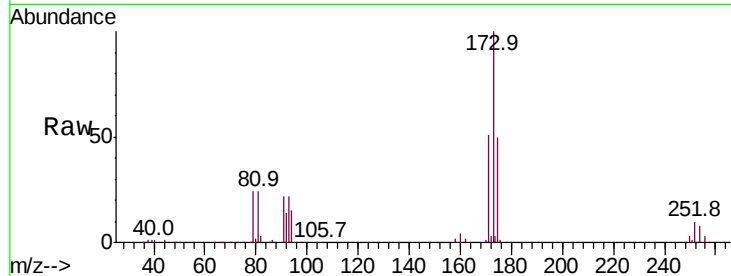
175 49.6 24.1 72.3

254 0.0 0.2 0.2#

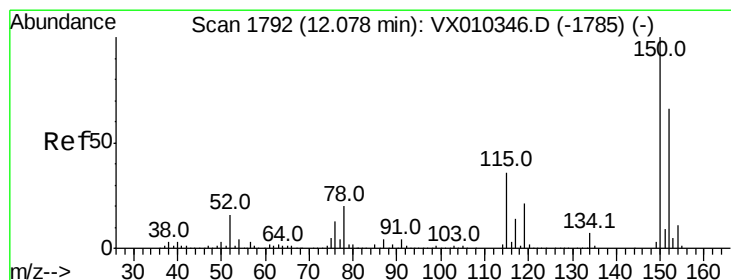
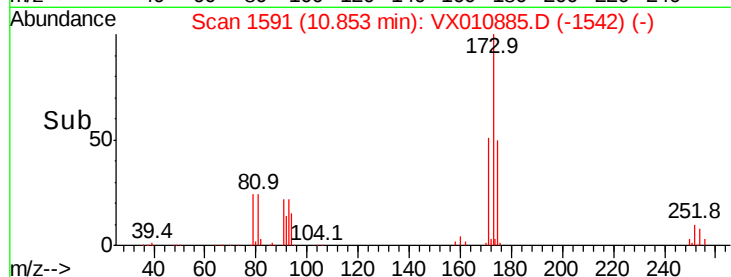
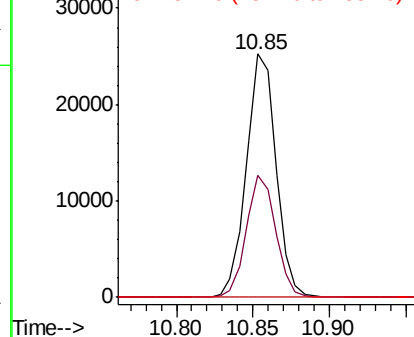
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

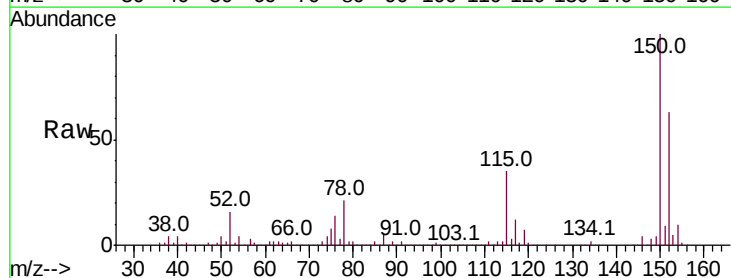
Tgt Ion:152 Resp: 185387

Ion Ratio Lower Upper

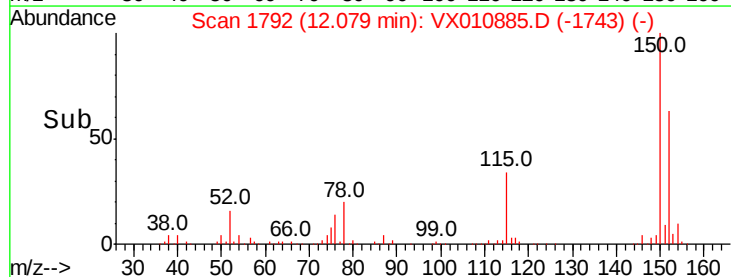
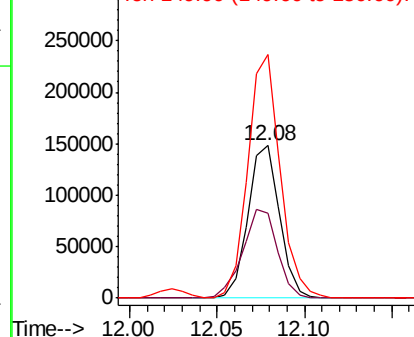
152 100

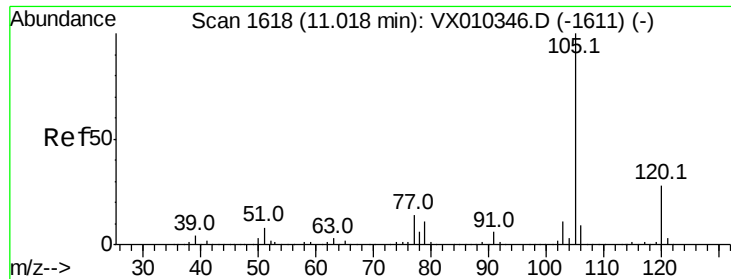
115 64.3 38.6 115.7

150 163.6 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





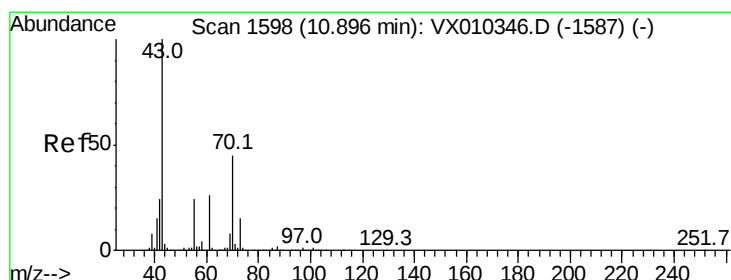
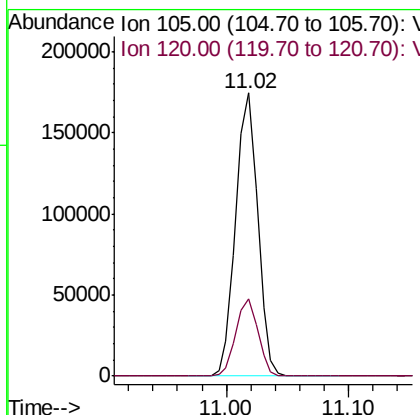
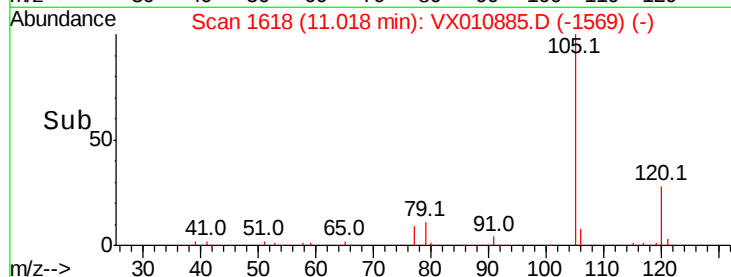
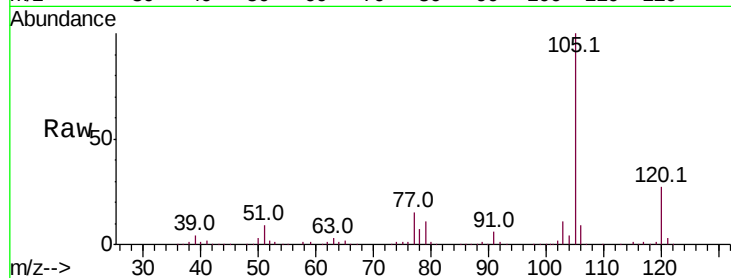
#73
Isopropylbenzene
Concen: 17.305 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion: 105 Resp: 217473
Ion Ratio Lower Upper
105 100
120 27.5 14.1 42.4

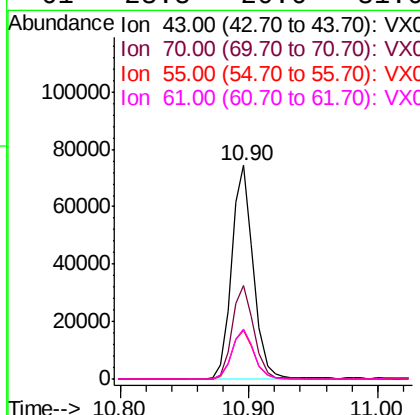
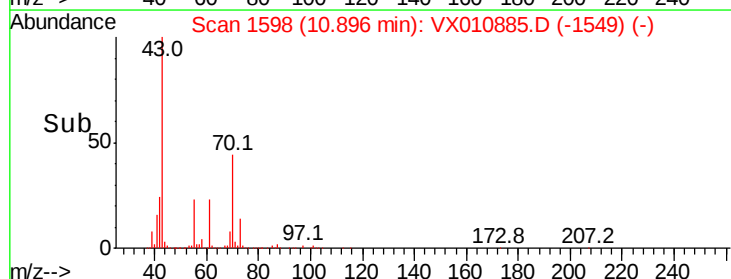
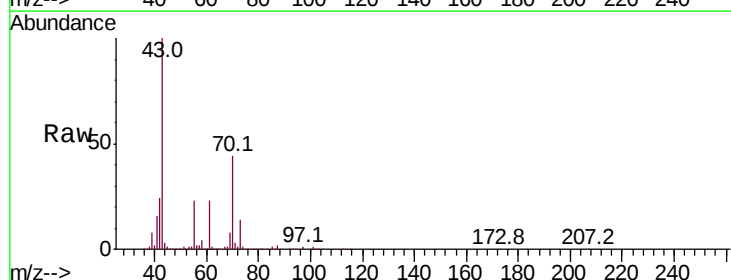
Manual Integrations
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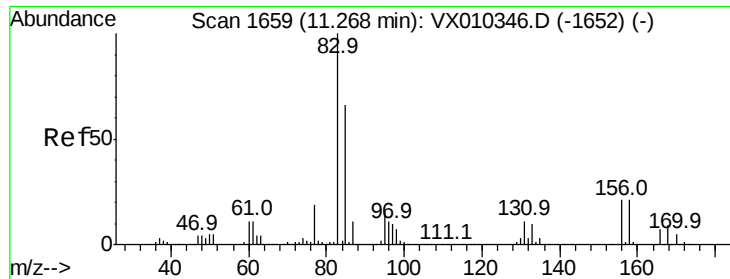
MMDadoda
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#74
N-ethyl acetate
Concen: 18.462 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion: 43 Resp: 87681
Ion Ratio Lower Upper
43 100
70 43.8 36.6 54.8
55 23.5 18.7 28.1
61 23.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.657 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

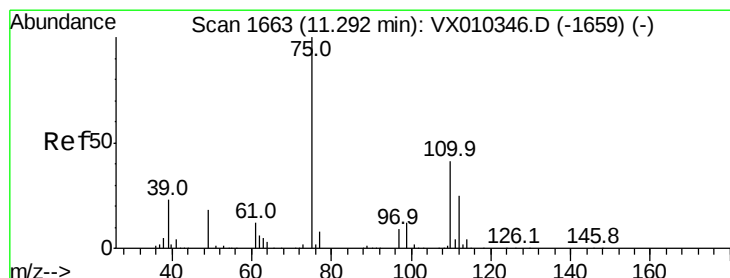
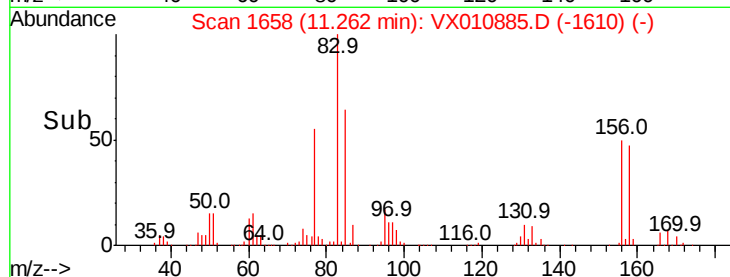
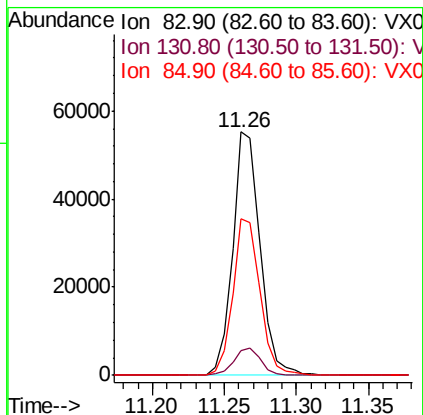
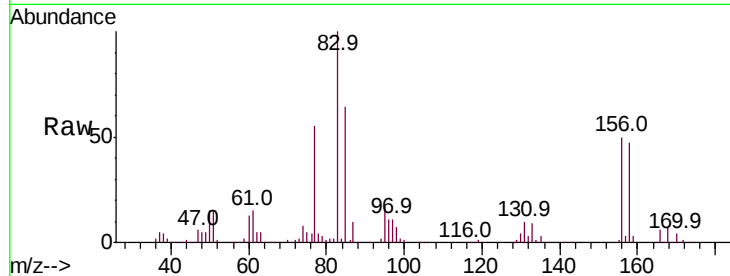
ClientSampleId :

VX0715WBS03

Tot Ion:	83	Resp:	73486
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.660 ug/l m

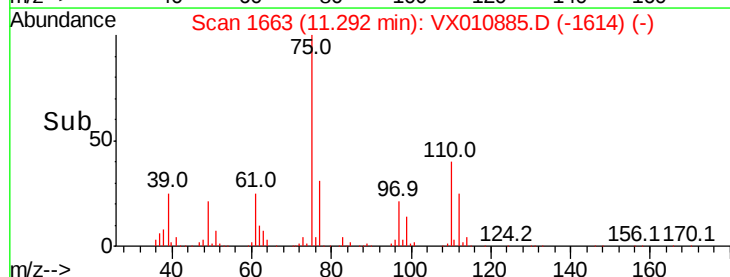
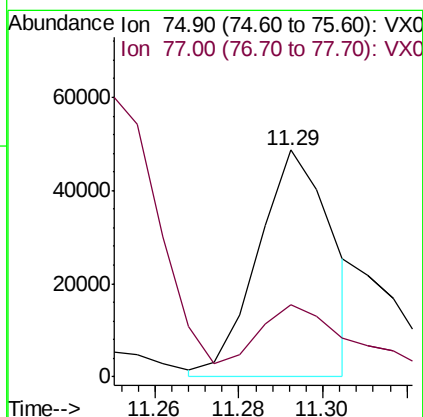
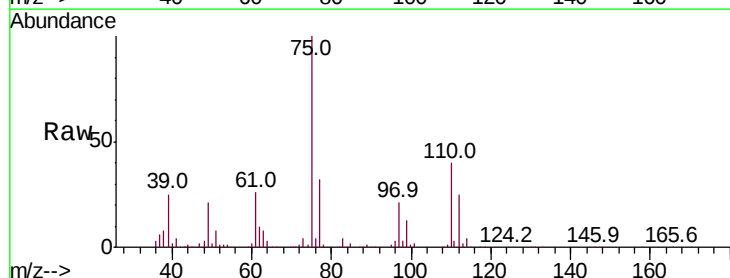
RT: 11.29 min Scan# 1663

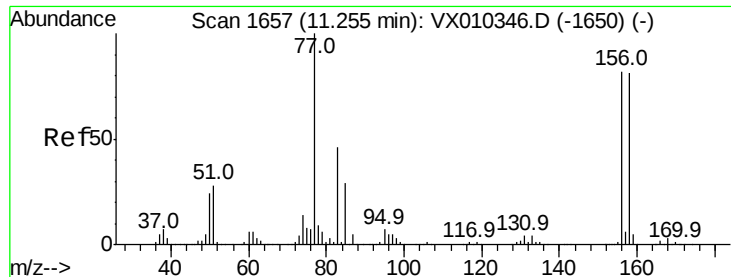
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	75	Resp:	59661
Ion Ratio	Lower	Upper	
75	100		
77	42.4	22.6	67.8





#77

Bromobenzene

Concen: 16.819 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

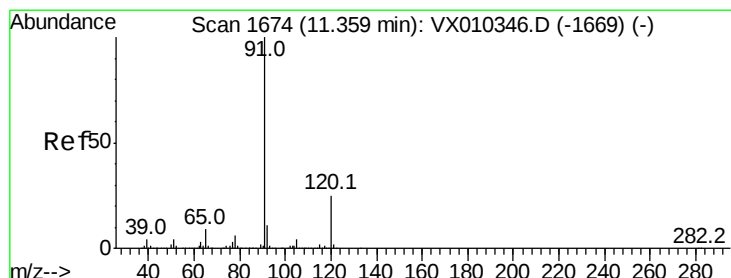
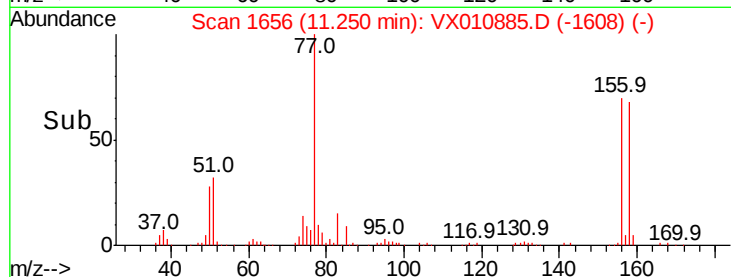
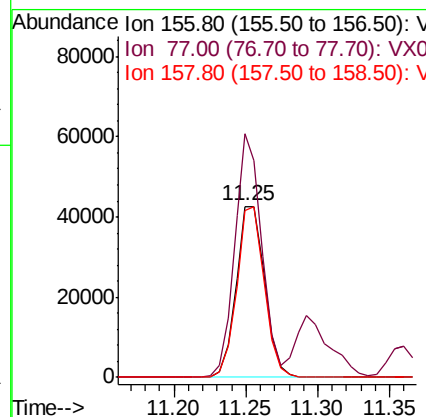
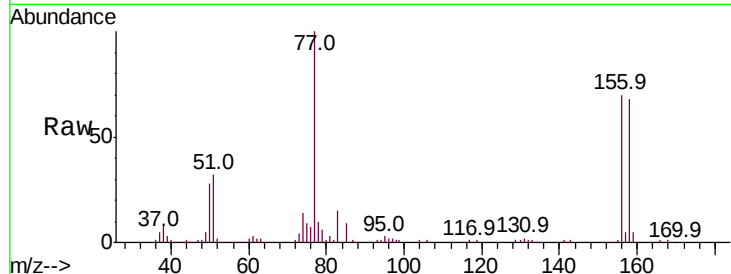
ClientSampleId :

VX0715WBS03

Tot Ion:	156	Resp:	59020
Ion	Ratio	Lower	Upper
156	100		
77	134.7	66.3	198.7
158	96.3	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 17.440 ug/l

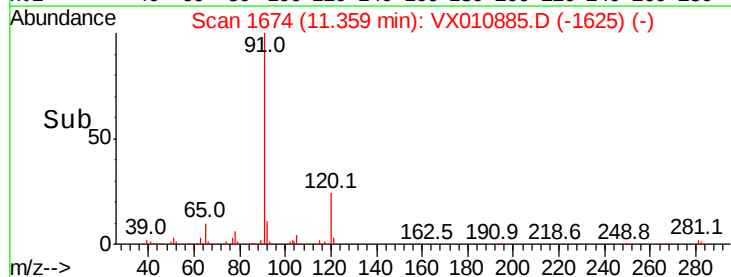
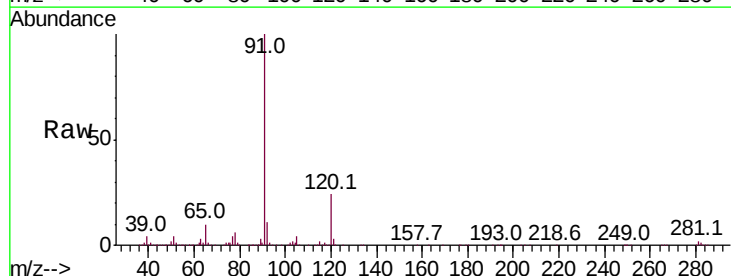
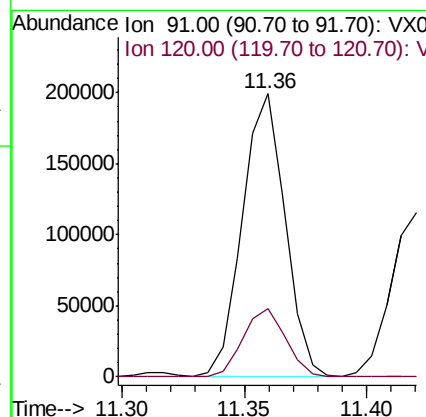
RT: 11.36 min Scan# 1674

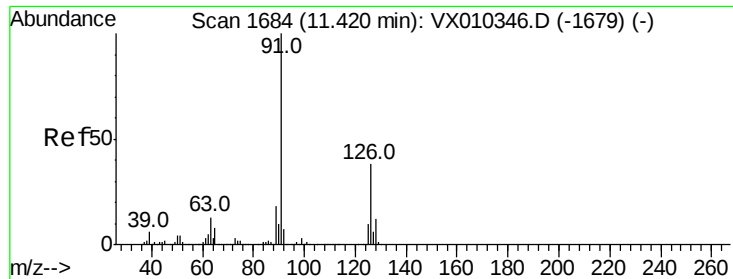
Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	91	Resp:	240875
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.4	37.4





#79

2-Chlorotoluene

Concen: 17.471 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion: 91 Resp: 143690

Ion Ratio Lower Upper

91 100

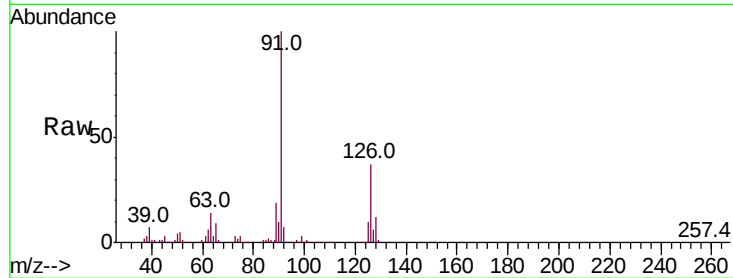
126 35.9 18.7 56.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX010885.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010885.D (-1679) (-)

200000

150000

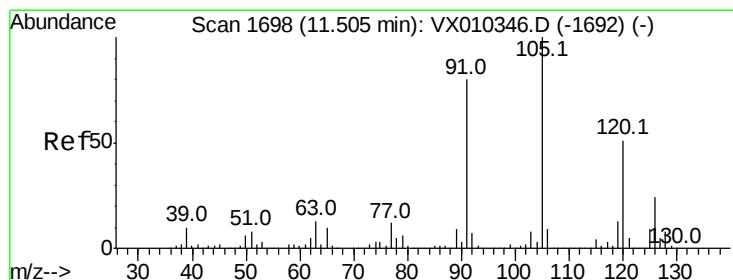
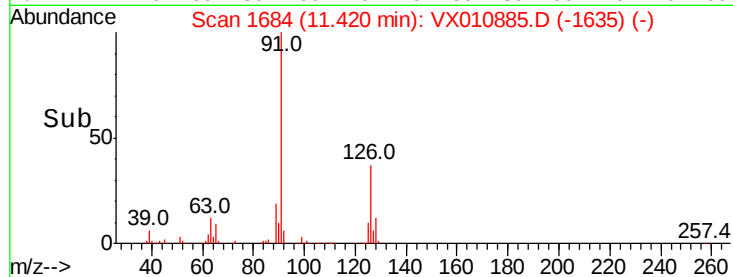
100000

50000

0

11.40 11.42 11.44 11.46

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.649 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010885.D

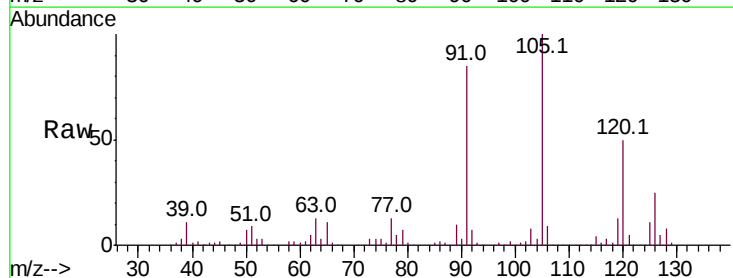
Acq: 15 Jul 2019 15:27

Tgt Ion: 105 Resp: 182840

Ion Ratio Lower Upper

105 100

120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010885.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010885.D (-1692) (-)

150000

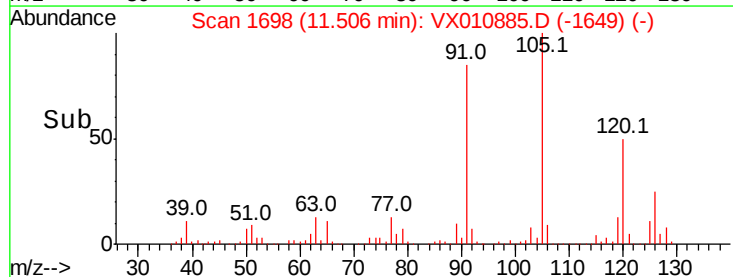
100000

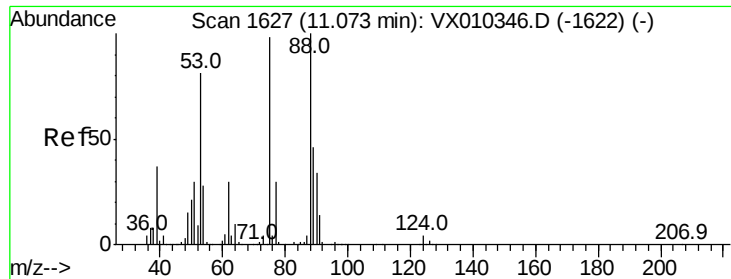
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 13.108 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

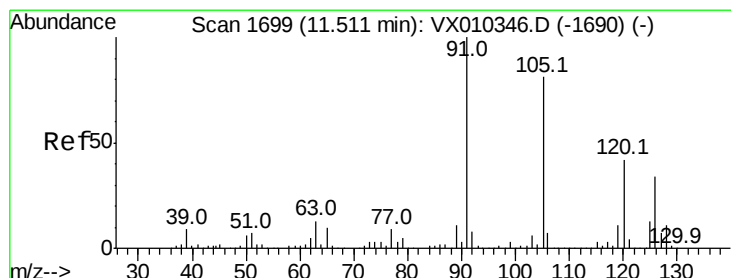
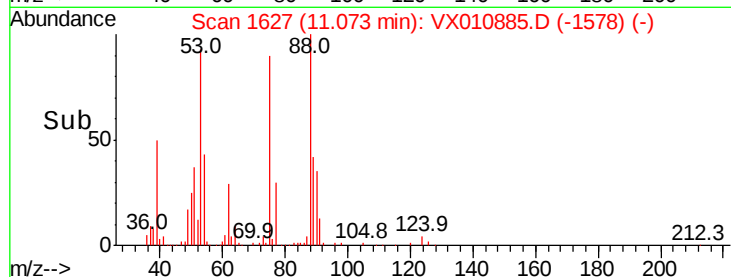
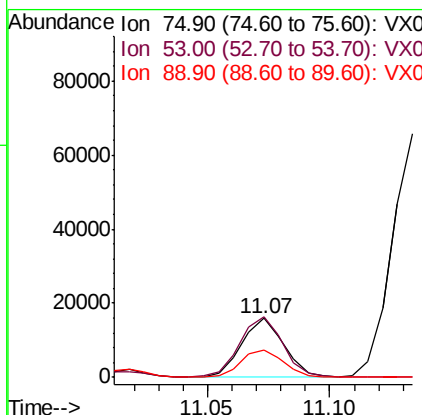
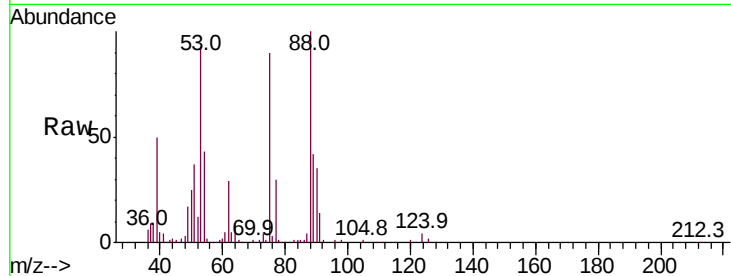
ClientSampleId :

VX0715WBS03

Tot Ion:	75	Resp:	18981
Ion Ratio	Lower	Upper	
75	100		
53	106.8	66.1	99.1#
89	48.1	37.8	56.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.576 ug/l

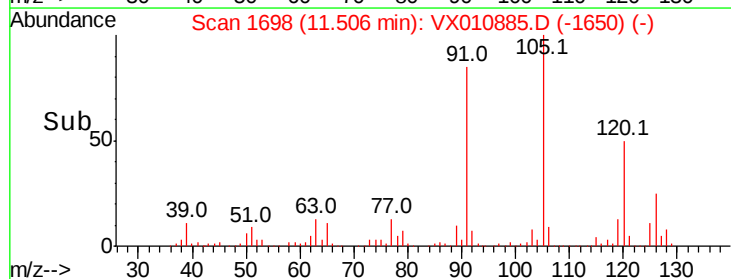
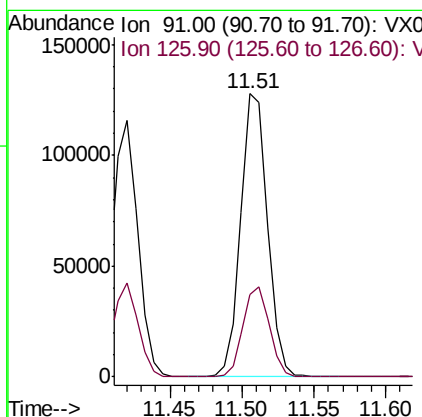
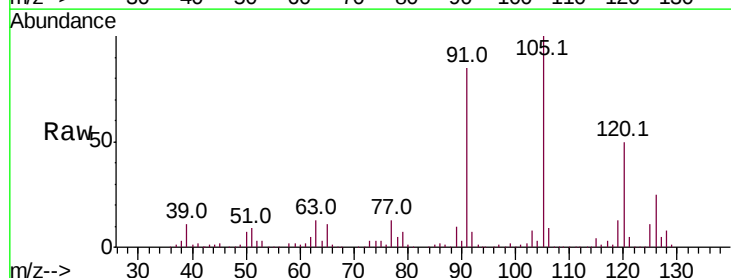
RT: 11.51 min Scan# 1698

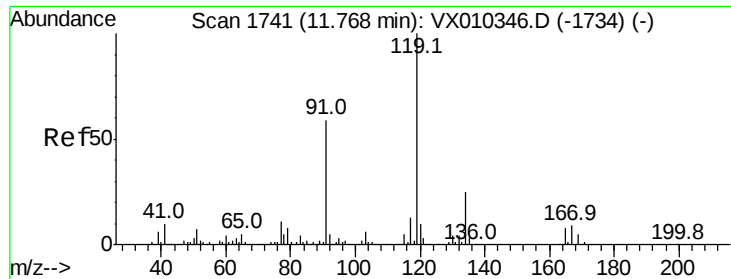
Delta R.T. -0.01 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	91	Resp:	164483
Ion Ratio	Lower	Upper	
91	100		
126	31.4	16.2	48.6





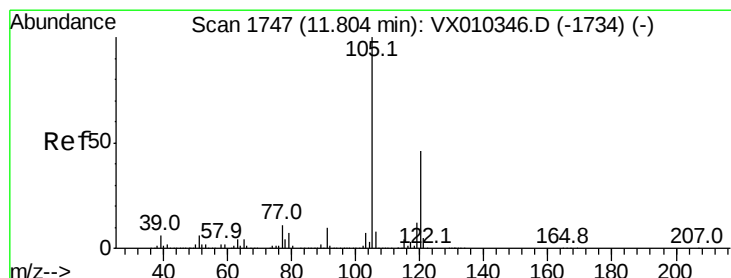
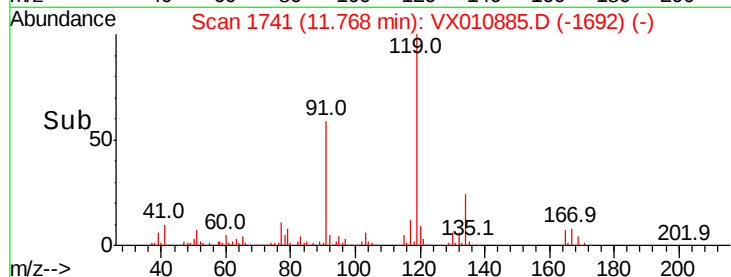
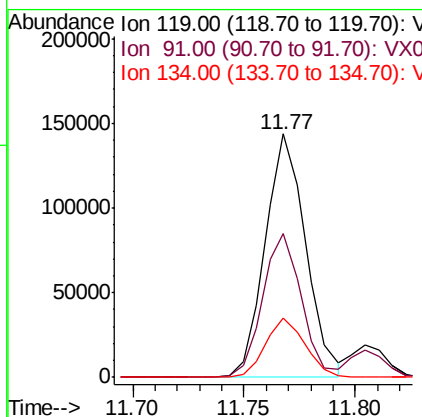
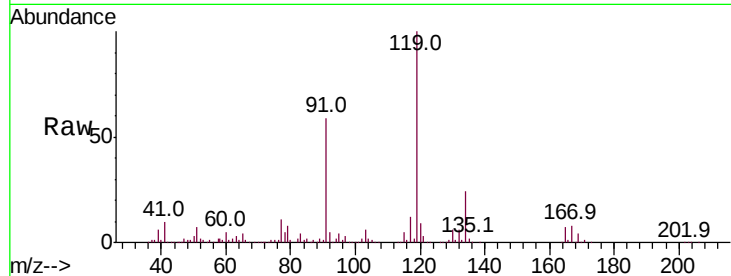
#83
tert-Butylbenzene
Concen: 17.480 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181764		
91	56.9	27.6	82.7	
134	23.7	11.8	35.4	

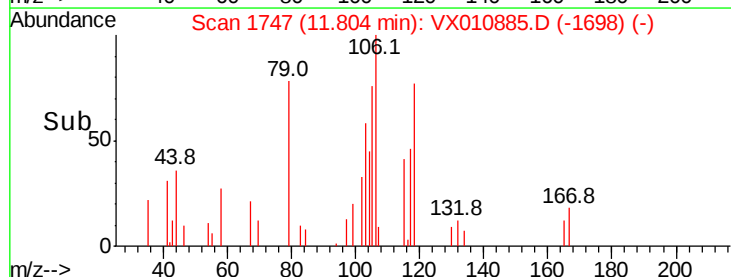
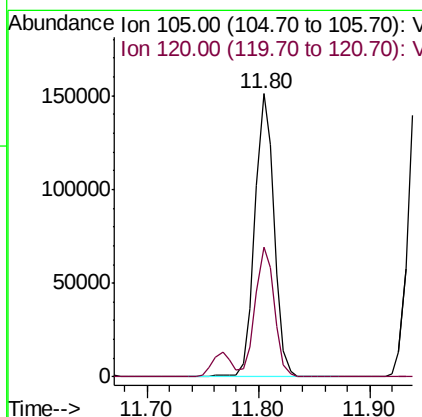
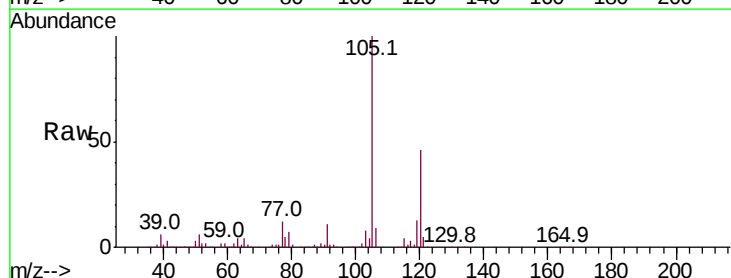
Manual Integrations
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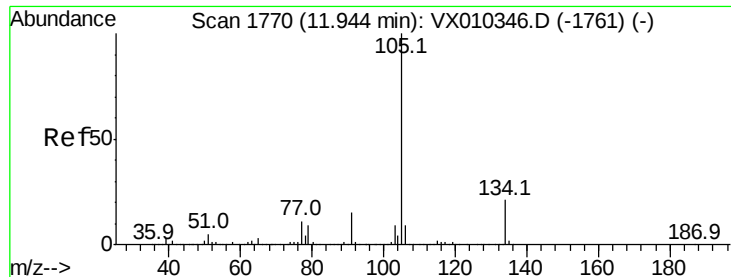
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#84
1,2,4-Trimethylbenzene
Concen: 17.506 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182211		
120	45.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 17.408 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0715WBS03

Tot Ion:105 Resp: 212527

Ion Ratio Lower Upper

105 100

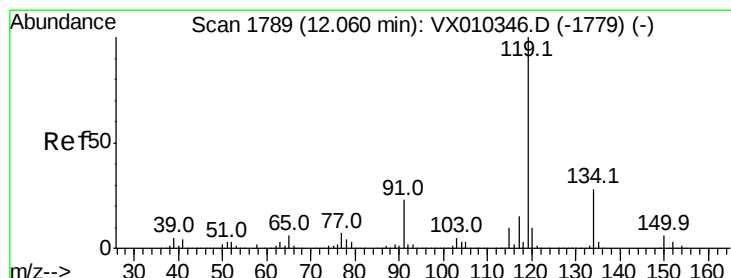
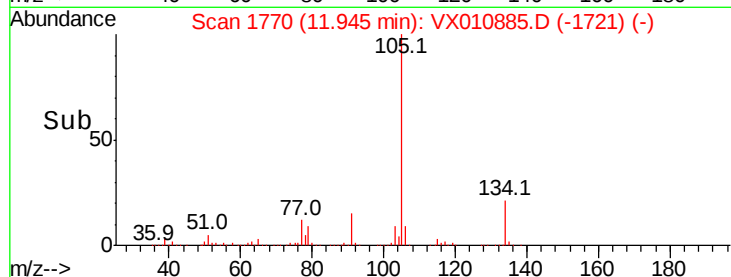
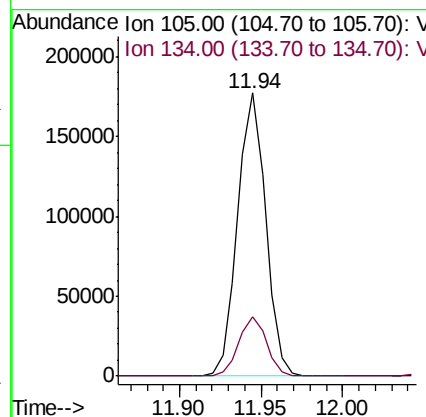
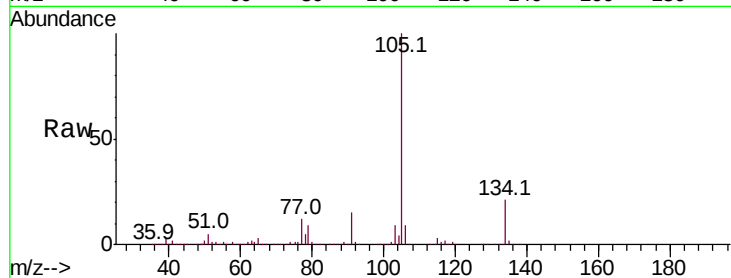
134 20.8 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 17.291 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

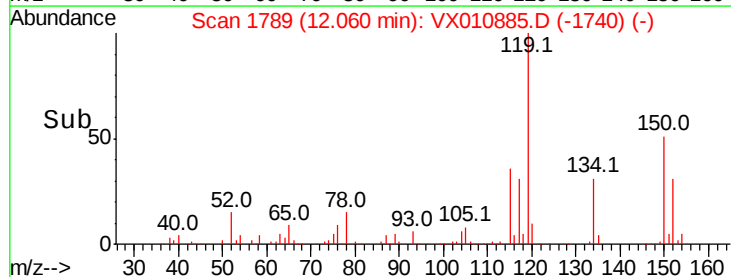
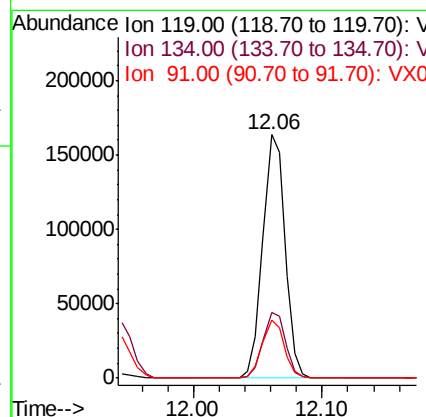
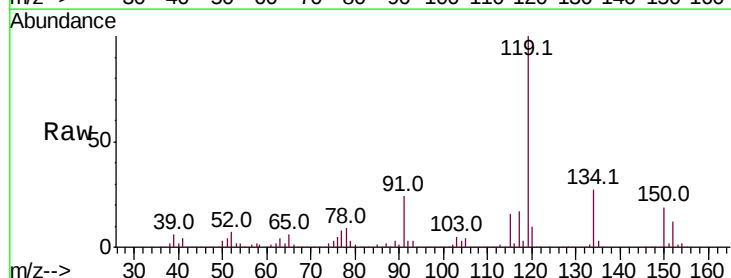
Tgt Ion:119 Resp: 195262

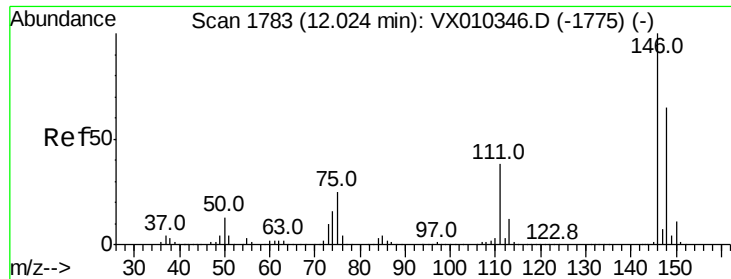
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 23.6 11.3 33.8





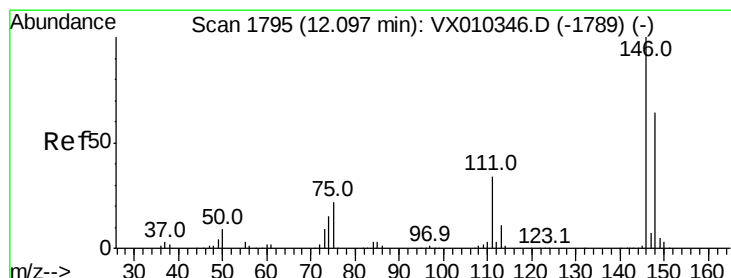
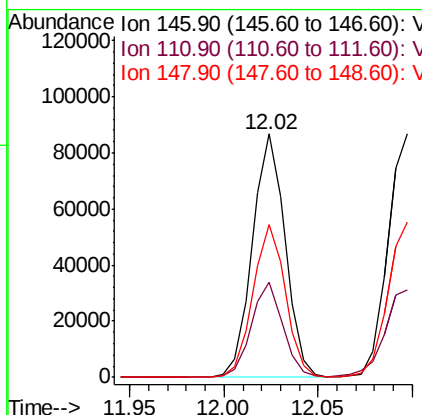
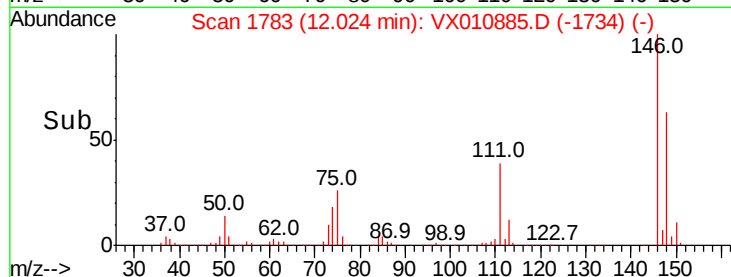
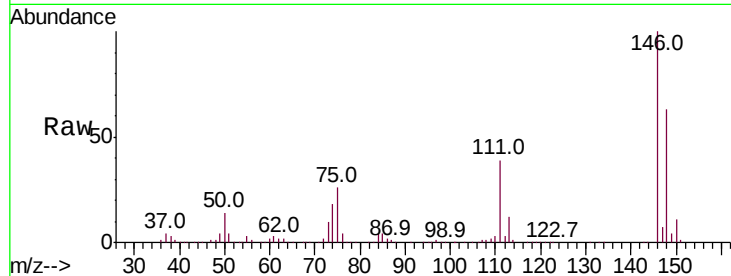
#87
 1,3-Dichlorobenzene
 Concen: 17.055 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	62.2	32.5	97.4

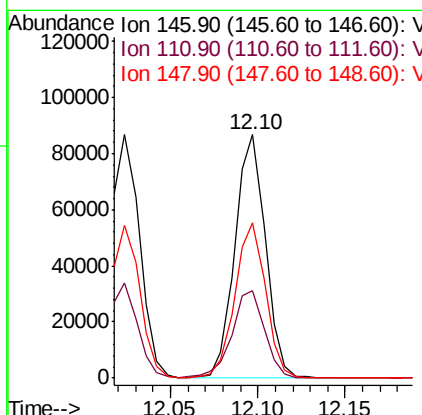
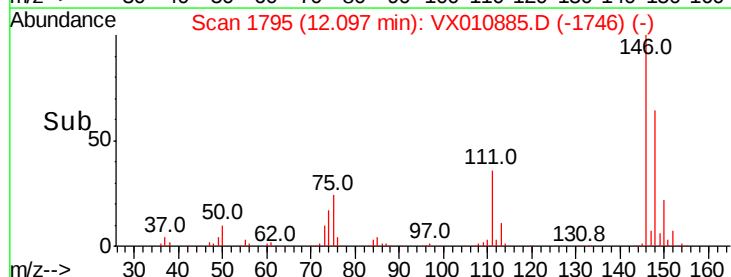
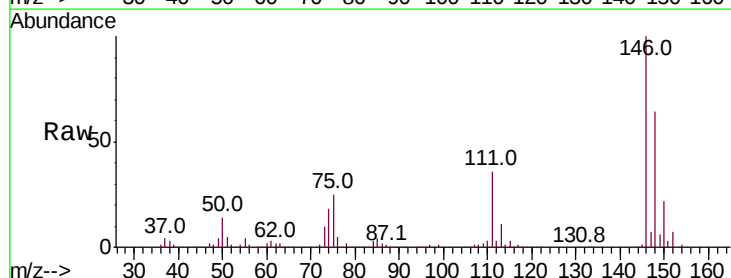
Manual Integrations
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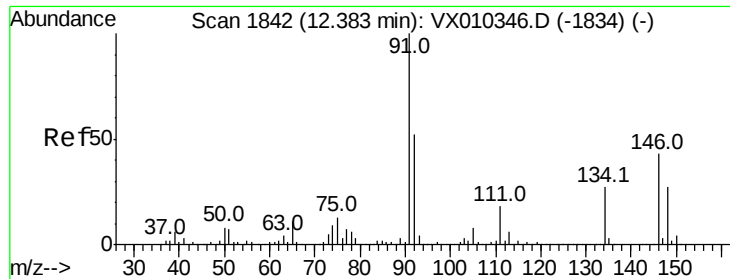
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#88
 1,4-Dichlorobenzene
 Concen: 16.837 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.1	54.3
148	64.5	32.1	96.3





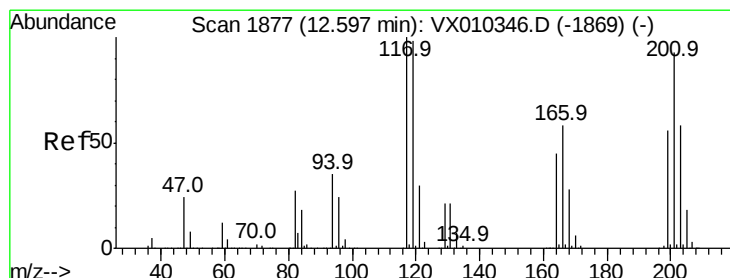
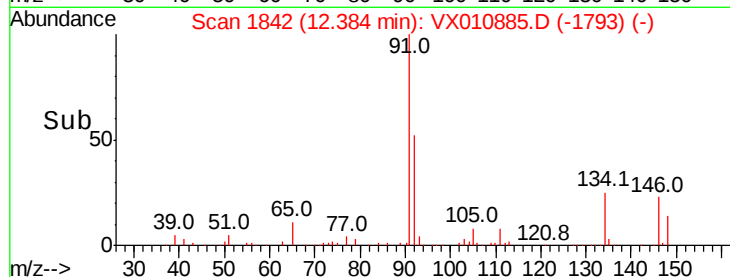
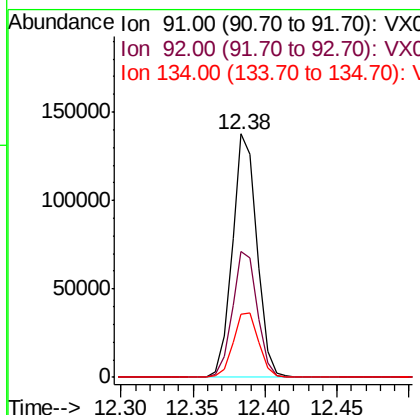
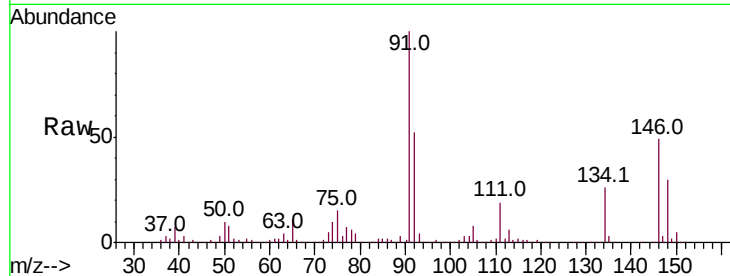
#89
n-Butylbenzene
Concen: 17.162 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0715WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	27.6	14.1	42.4

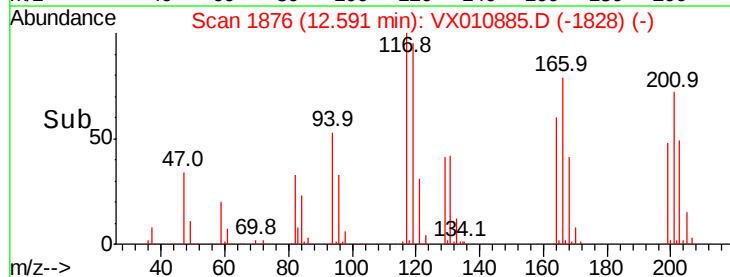
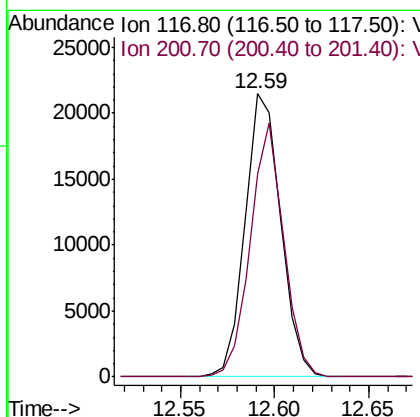
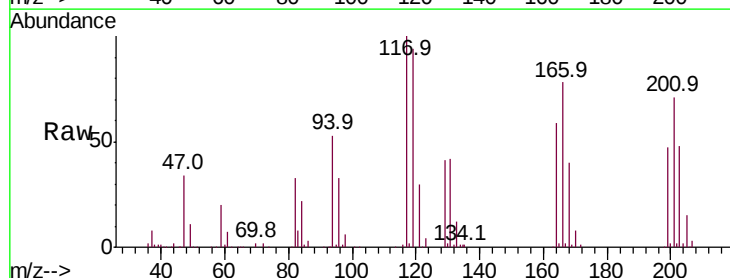
Manual Integrations
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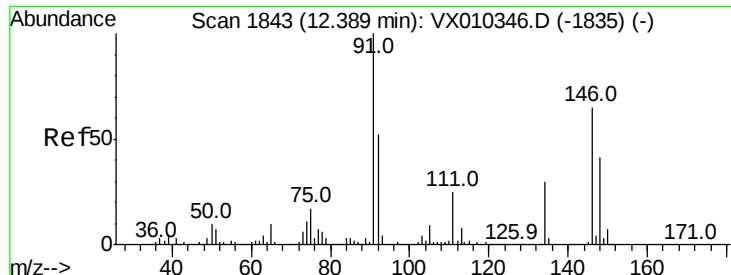
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7/16/2019 10:44:23 AM



#90
Hexachloroethane
Concen: 14.418 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010885.D
Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	44.0	131.8





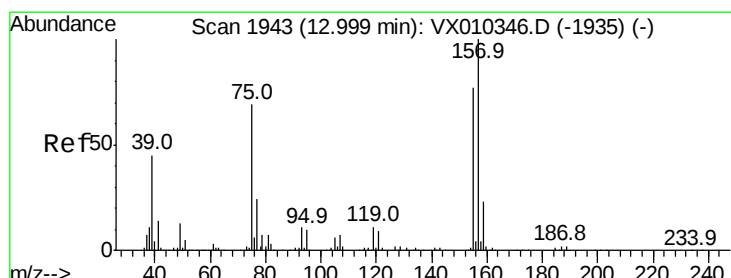
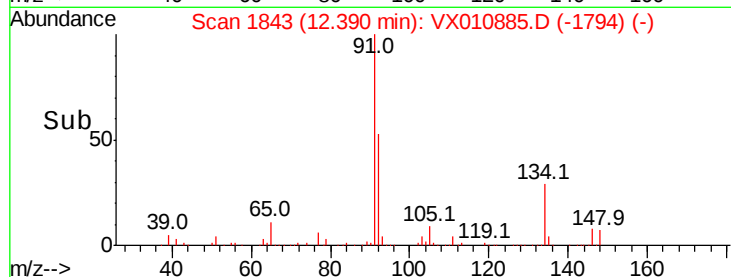
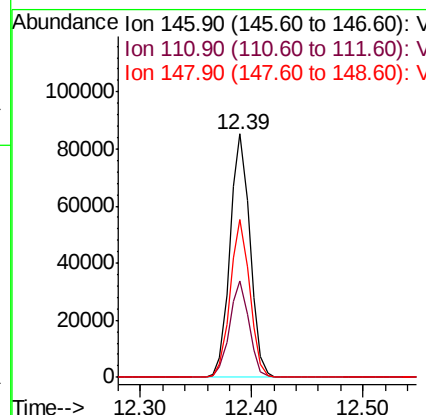
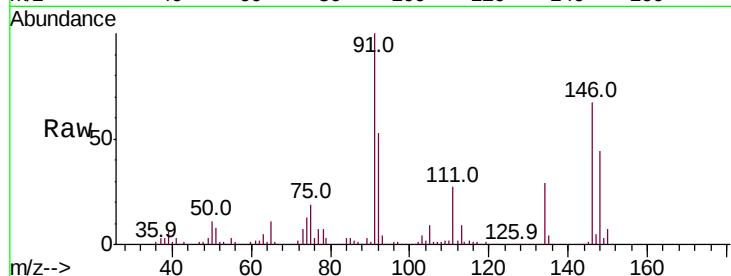
#91
 1,2-Dichlorobenzene
 Concen: 17.337 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.2	57.6
148	63.4	32.0	96.0

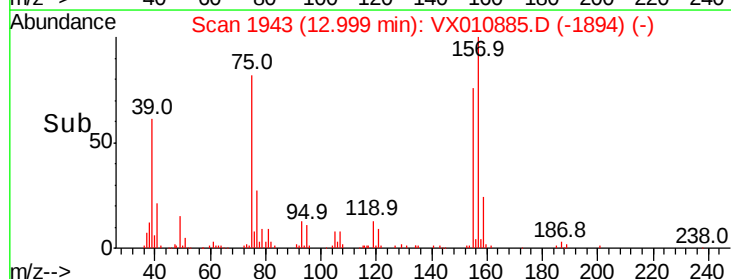
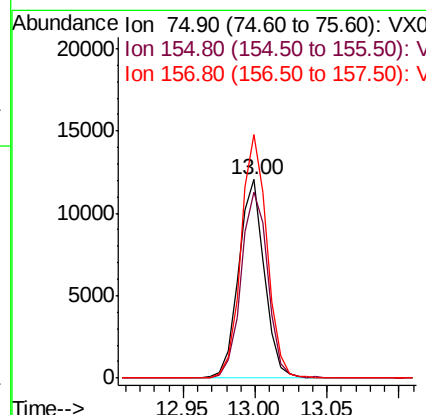
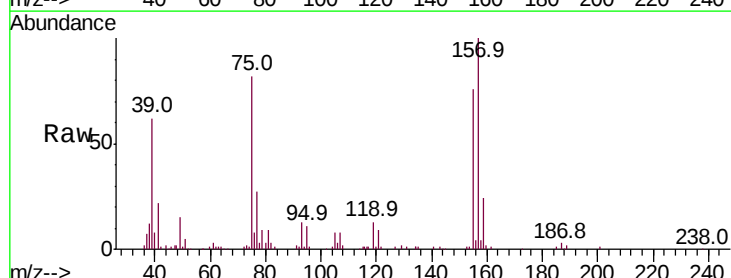
Manual Integrations
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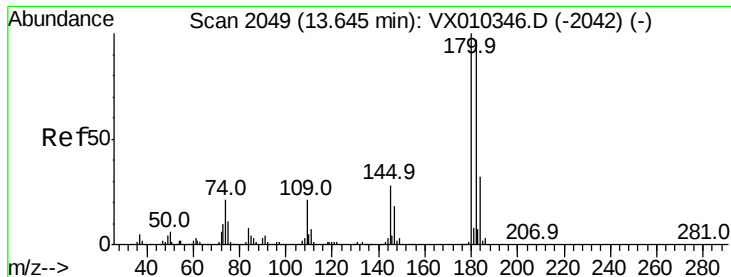
MMDadoda
 7/16/2019 10:44:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.807 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010885.D
 Acq: 15 Jul 2019 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	54.4	163.1
157	122.5	69.5	208.3





#93

1,2,4-Trichlorobenzene

Concen: 16.541 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

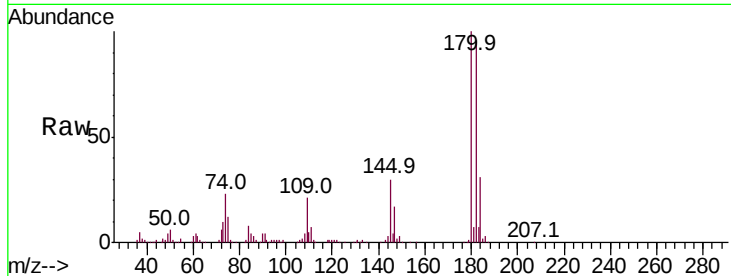
ClientSampleId :

VX0715WBS03

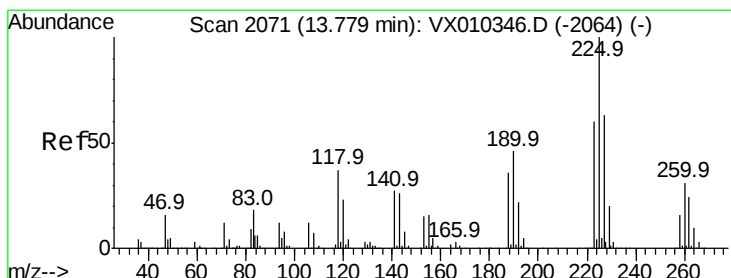
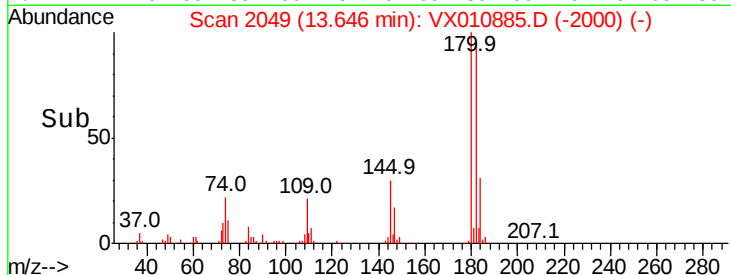
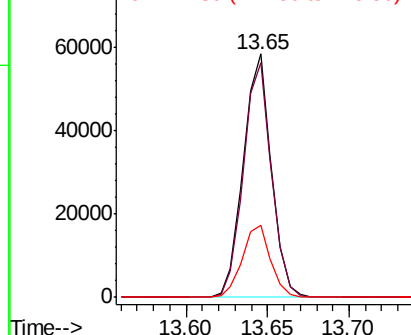
Tot Ion:	180	Resp:	69830
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.0	144.0
145	30.0	14.4	43.4

Manual Integrations
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7/16/2019 10:44:23 AM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.424 ug/l

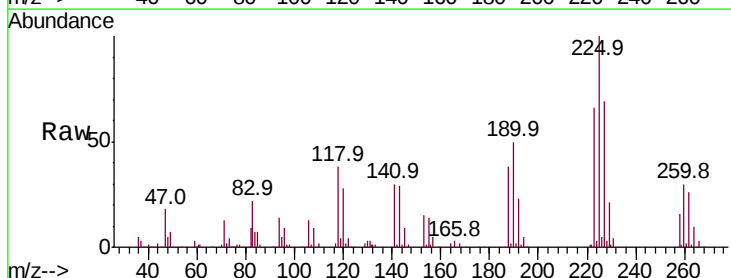
RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

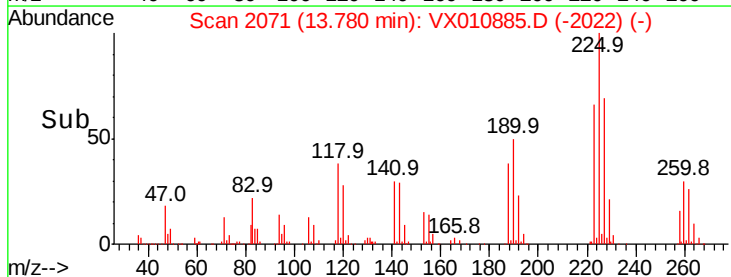
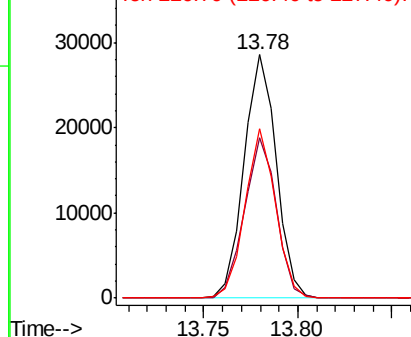
Lab File: VX010885.D

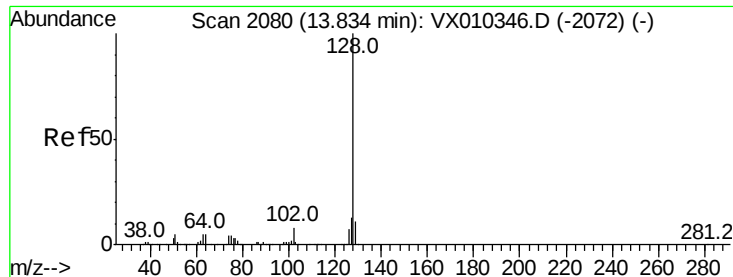
Acq: 15 Jul 2019 15:27

Tgt Ion:	225	Resp:	33888
Ion Ratio	Lower	Upper	
225	100		
223	65.3	30.9	92.7
227	66.3	31.9	95.5



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





#95

Naphthalene

Concen: 16.561 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Instrument :

MSVOA_X

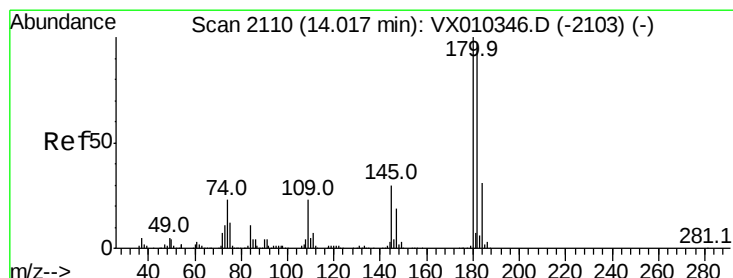
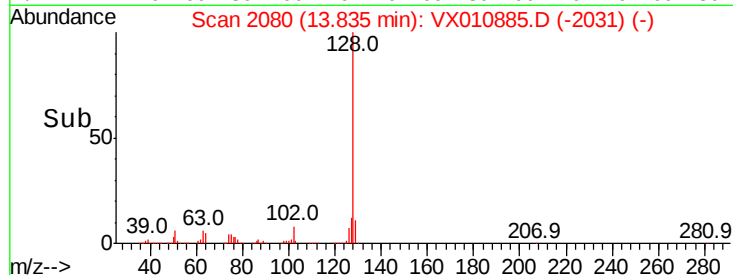
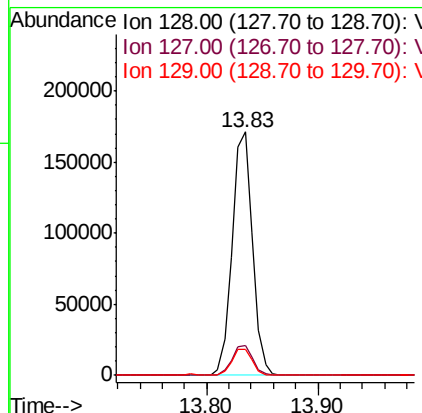
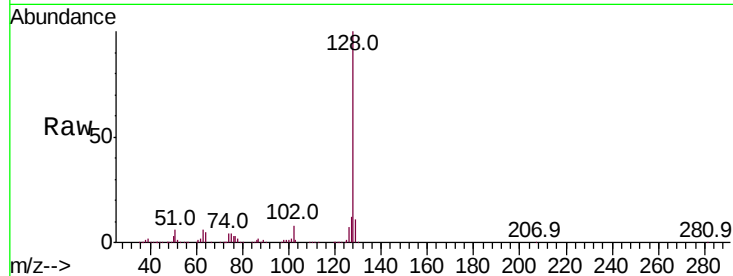
ClientSampleId :

VX0715WBS03

Tot Ion:	128	Resp:	214851
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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7/16/2019 10:44:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.774 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010885.D

Acq: 15 Jul 2019 15:27

Tgt Ion:	180	Resp:	70409
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.8	143.3
145	31.6	15.2	45.6

