

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018224.D
 Acq On : 03 Sep 2020 11:08
 Operator : JC/SP
 Sample : VX0903WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:28:55 AM

Quant Time: Sep 04 01:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	428029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	661601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	627549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	309785	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.47	113	234525	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
50) Toluene-d8	8.70	98	854314	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.12	95	320875	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99921	19.174	ug/l	99
3) Chloromethane	1.31	50	91847	16.717	ug/l	92
4) Vinyl Chloride	1.39	62	96224	17.594	ug/l	99
5) Bromomethane	1.64	94	68182	25.846	ug/l	95
6) Chloroethane	1.72	64	52456	17.857	ug/l	95
7) Trichlorofluoromethane	1.92	101	162481	21.787	ug/l	100
8) Diethyl Ether	2.17	74	49285	19.487	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83756	20.774	ug/l	98
10) Methyl Iodide	2.50	142	78962	21.656	ug/l	94
11) Tert butyl alcohol	3.04	59	86596	74.951	ug/l	97
12) 1,1-Dichloroethene	2.36	96	76652	18.325	ug/l	95
13) Acrolein	2.28	56	18360	38.325	ug/l	92
14) Allyl chloride	2.71	41	136991	18.229	ug/l	97
15) Acrylonitrile	3.12	53	211807	80.817	ug/l	99
16) Acetone	2.43	43	185677	80.192	ug/l	94
17) Carbon Disulfide	2.55	76	215839	17.069	ug/l	99
18) Methyl Acetate	2.75	43	109880	19.666	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	274426	19.130	ug/l	97
20) Methylene Chloride	2.84	84	88095	17.857	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	85157	18.375	ug/l	95
22) Diisopropyl ether	3.82	45	274009	18.473	ug/l	# 77
23) Vinyl Acetate	3.78	43	1163973	88.192	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157951	18.707	ug/l	99
25) 2-Butanone	4.64	43	298847	78.534	ug/l	98
26) 2,2-Dichloropropane	4.55	77	147799	21.514	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	93433	17.498	ug/l	96
28) Bromochloromethane	4.98	49	77007	18.895	ug/l	98
29) Tetrahydrofuran	5.09	42	185527	76.589	ug/l	96
30) Chloroform	5.17	83	170961	19.555	ug/l	98
31) Cyclohexane	5.55	56	122769	17.261	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	160823	20.045	ug/l	100
36) 1,1-Dichloropropene	5.76	75	119609	19.601	ug/l	99
37) Ethyl Acetate	4.79	43	120128	16.949	ug/l	99
38) Carbon Tetrachloride	5.75	117	143859	20.919	ug/l	98

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Manual Integrations
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MMDadoda
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Quant Time: Sep 04 01:47:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	125644	18.830	ug/l	97
40) Benzene	6.11	78	336639	18.774	ug/l	98
41) Methacrylonitrile	5.01	41	66277	17.031	ug/l	99
42) 1,2-Dichloroethane	6.16	62	137635	20.034	ug/l	100
43) Isopropyl Acetate	6.41	43	194659	17.005	ug/l	99
44) Trichloroethene	7.18	130	99014	19.543	ug/l	99
45) 1,2-Dichloropropane	7.49	63	91504	18.934	ug/l	97
46) Dibromomethane	7.64	93	67073	19.737	ug/l	95
47) Bromodichloromethane	7.87	83	136401	20.102	ug/l	98
48) Methyl methacrylate	7.74	41	91654	16.083	ug/l	97
49) 1,4-Dioxane	7.74	88	31566	305.795	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	610515	86.338	ug/l	99
52) Toluene	8.76	92	216778	19.066	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	144267	19.183	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	152758	19.175	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	91021	18.770	ug/l	97
56) Ethyl methacrylate	9.16	69	122511	16.995	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149866	18.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	259573	80.045	ug/l	99
59) 2-Hexanone	9.47	43	451970	84.059	ug/l	98
60) Dibromochloromethane	9.57	129	111029	19.518	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97341	18.490	ug/l	99
64) Tetrachloroethene	9.32	164	102802	22.292	ug/l	96
65) Chlorobenzene	10.12	112	242828	19.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	100722	20.390	ug/l	99
67) Ethyl Benzene	10.24	91	399173	18.728	ug/l	100
68) m/p-Xylenes	10.34	106	315837	39.700	ug/l	99
69) o-Xylene	10.68	106	143708	18.634	ug/l	97
70) Styrene	10.70	104	255099	19.424	ug/l	100
71) Bromoform	10.84	173	80760	19.167	ug/l #	97
73) Isopropylbenzene	11.00	105	407546	18.112	ug/l	100
74) N-amyl acetate	10.88	43	161363	15.114	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	133144	16.773	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	126424m	16.659	ug/l	
77) Bromobenzene	11.24	156	103634	16.661	ug/l	100
78) n-propylbenzene	11.34	91	460757	18.034	ug/l	100
79) 2-Chlorotoluene	11.40	91	283857	17.982	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	352077	19.040	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	45751	16.283	ug/l	99
82) 4-Chlorotoluene	11.49	91	333945	17.796	ug/l	99
83) tert-Butylbenzene	11.76	119	318095	17.432	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	349276	18.475	ug/l	98
85) sec-Butylbenzene	11.93	105	388170	18.705	ug/l	99
86) p-Isopropyltoluene	12.05	119	367053	19.256	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	194305	17.793	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	194728	17.809	ug/l	97
89) n-Butylbenzene	12.37	91	313631	18.027	ug/l	98
90) Hexachloroethane	12.58	117	69585	18.554	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	186882	18.180	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32333	16.290	ug/l	93

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

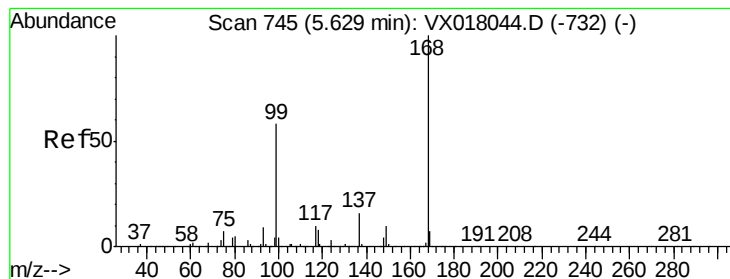
Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:28:55 AM

Quant Time: Sep 04 01:47:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	120871	17.633	ug/l	99
94) Hexachlorobutadiene	13.76	225	57282	21.186	ug/l	98
95) Naphthalene	13.82	128	360823	15.994	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	117478	17.344	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion:168 Resp: 428029

Ion Ratio Lower Upper

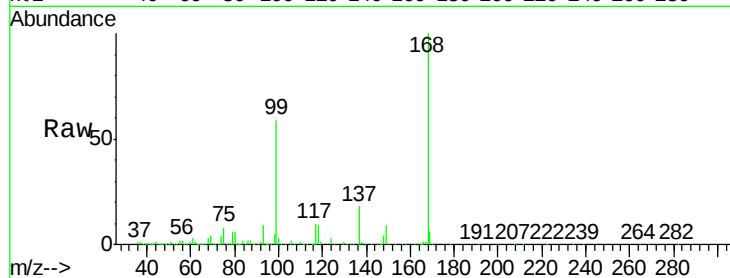
168 100

99 59.1 46.3 69.5

Manual Integrations
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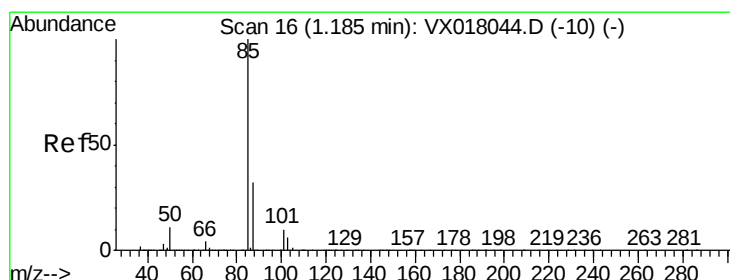
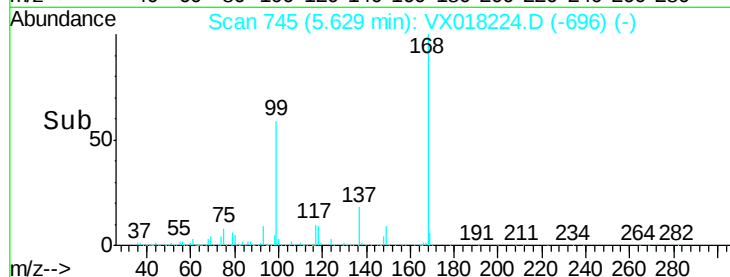
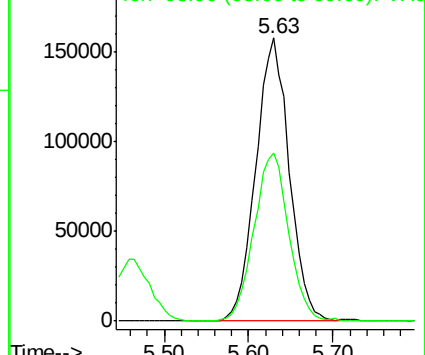
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.174 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018224.D

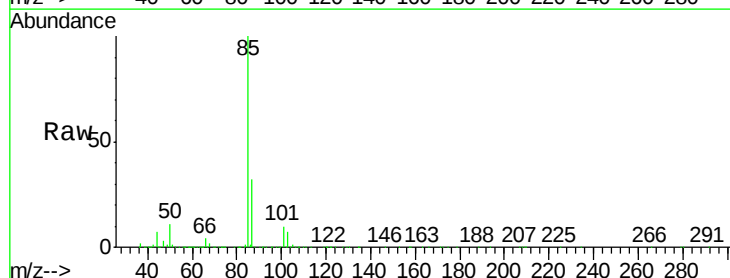
Acq: 03 Sep 2020 11:08

Tgt Ion: 85 Resp: 99921

Ion Ratio Lower Upper

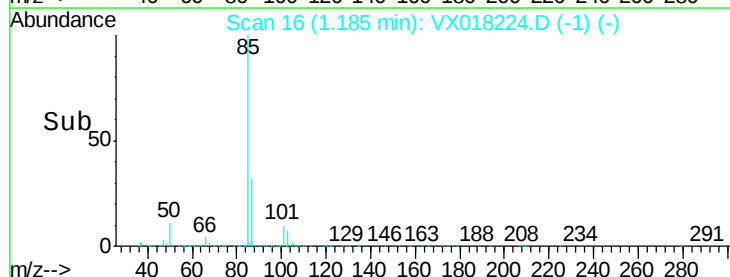
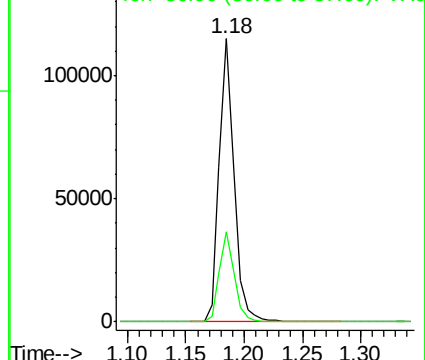
85 100

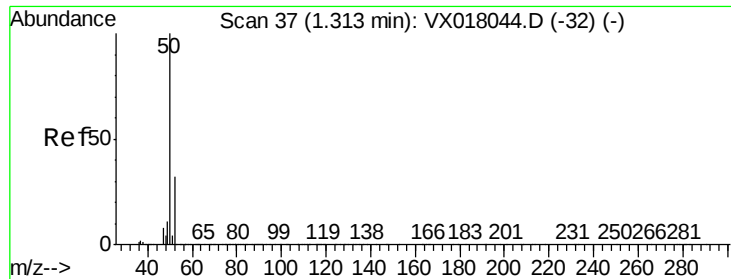
87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.717 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VX0903WBS01

Tot Ion: 50 Resp: 91847

Ion Ratio Lower Upper

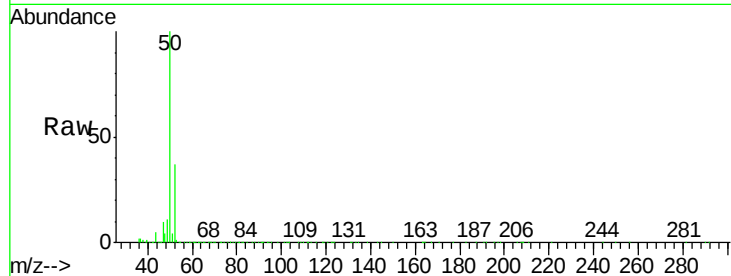
50 100

52 36.3 25.4 38.2

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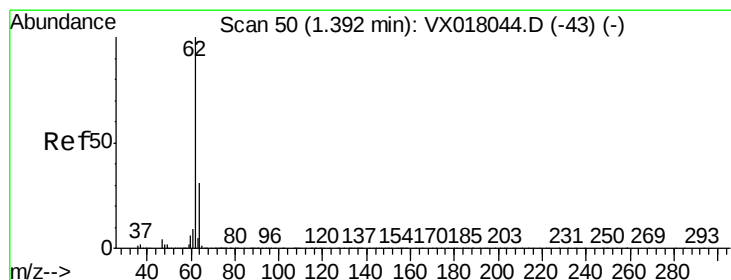
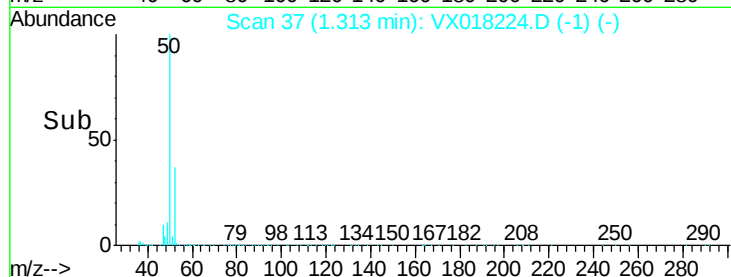
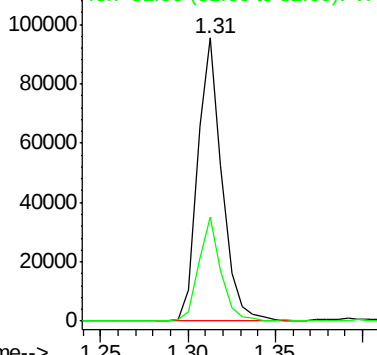
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.594 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018224.D

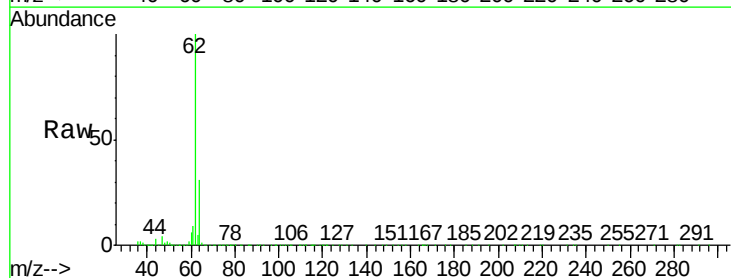
Acq: 03 Sep 2020 11:08

Tgt Ion: 62 Resp: 96224

Ion Ratio Lower Upper

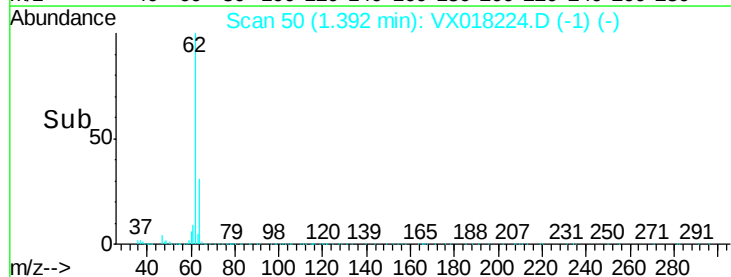
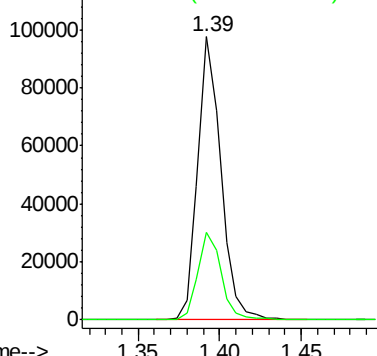
62 100

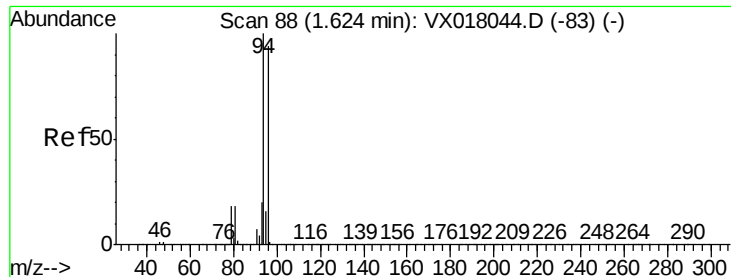
64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.846 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 94 Resp: 68182

Ion Ratio Lower Upper

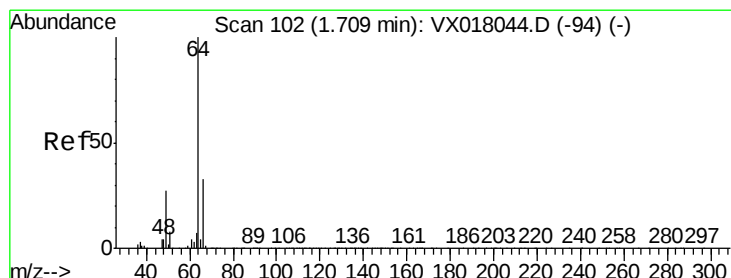
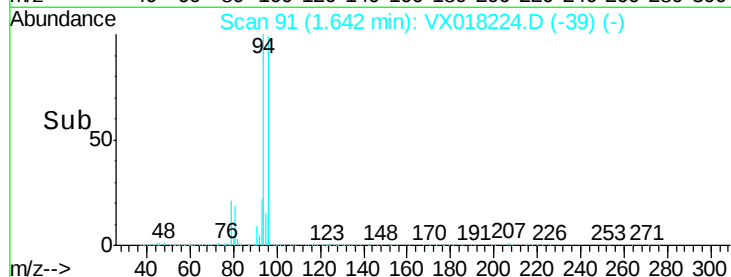
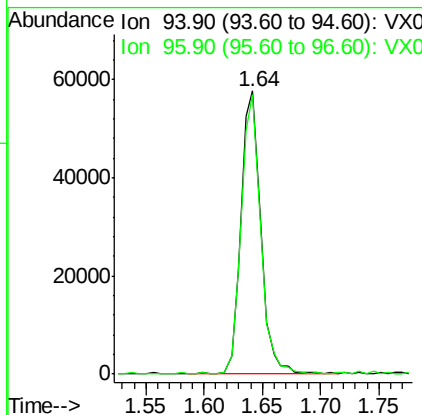
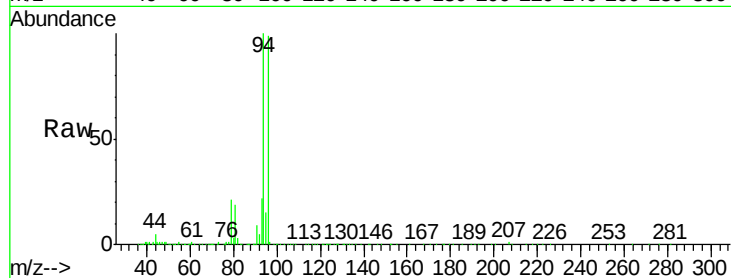
94 100

96 98.7 74.8 112.2

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#6

Chloroethane

Concen: 17.857 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018224.D

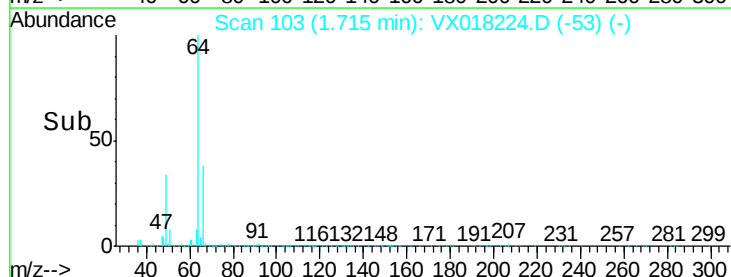
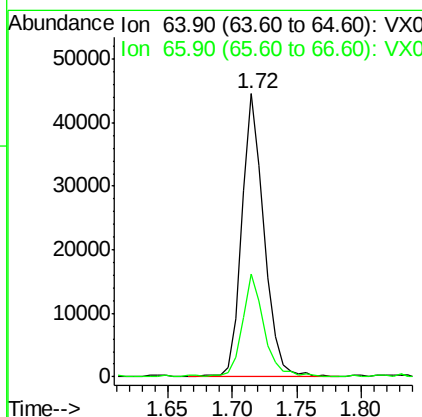
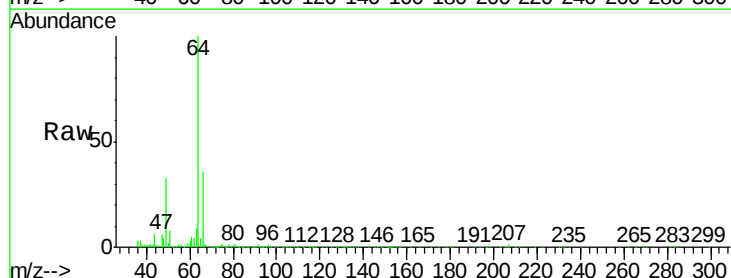
Acq: 03 Sep 2020 11:08

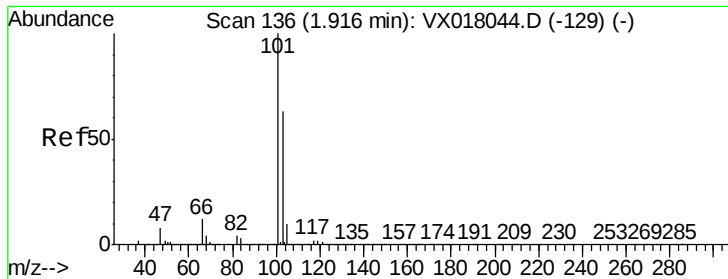
Tgt Ion: 64 Resp: 52456

Ion Ratio Lower Upper

64 100

66 35.9 26.6 39.8





#7

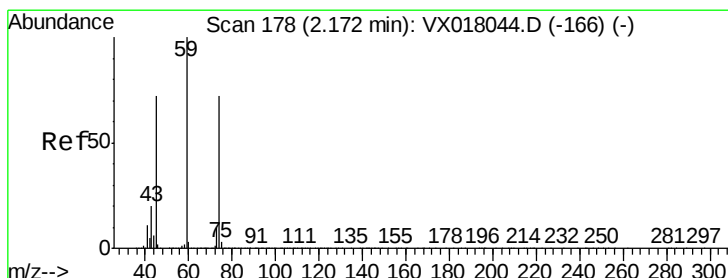
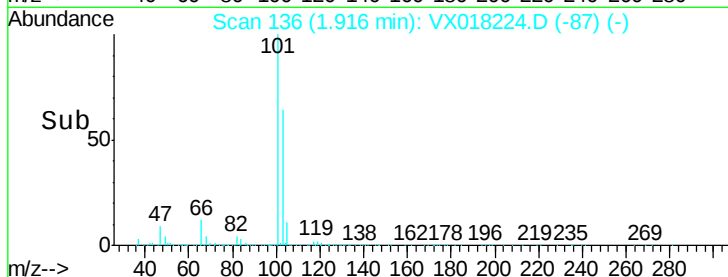
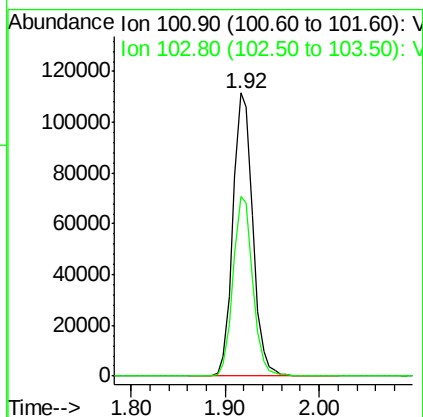
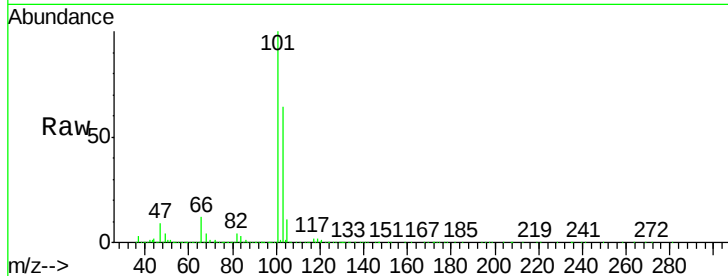
Trichlorofluoromethane
Concen: 21.787 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.7	76.1

Manual Integrations
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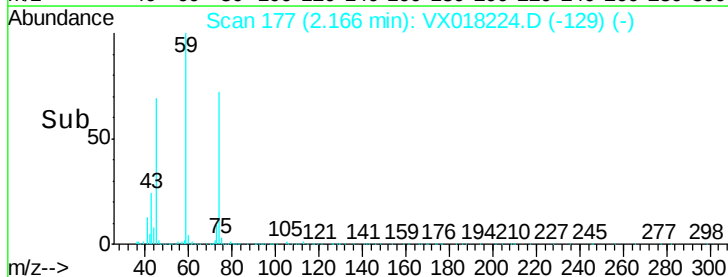
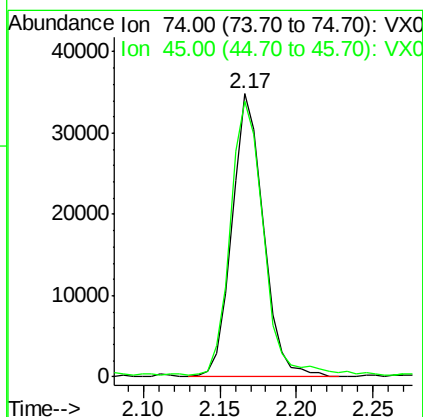
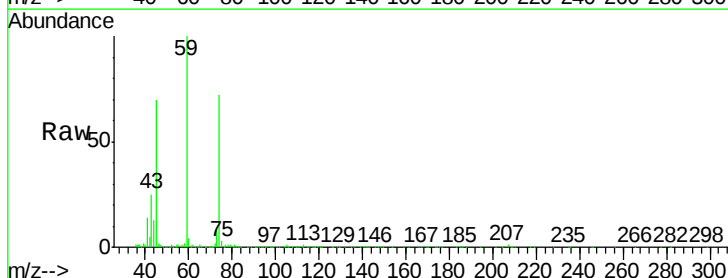
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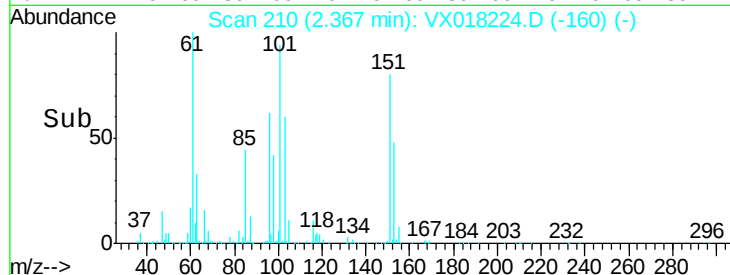
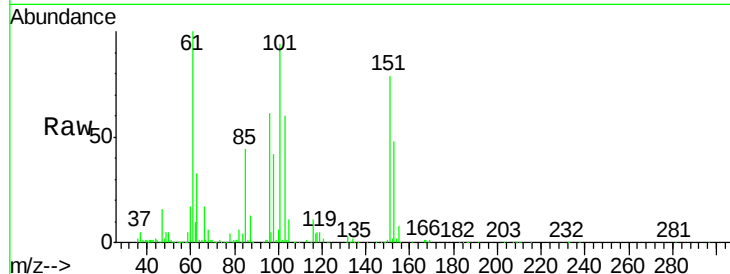
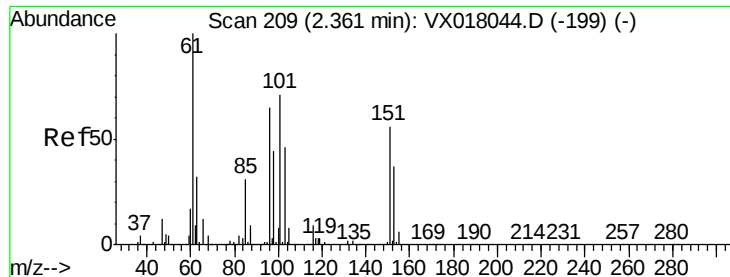


#8

Diethyl Ether
Concen: 19.487 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.774 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018224.D

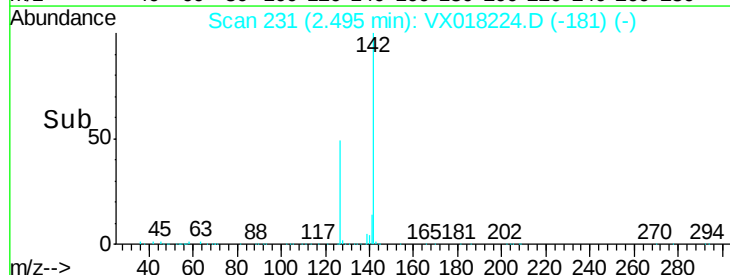
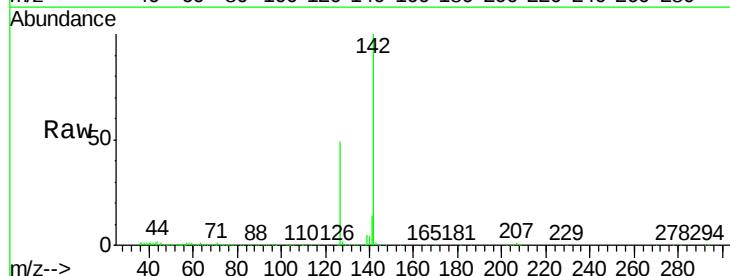
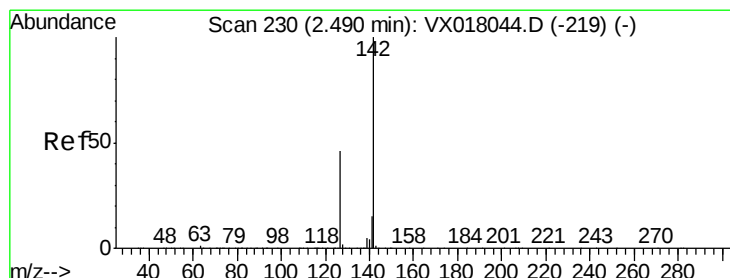
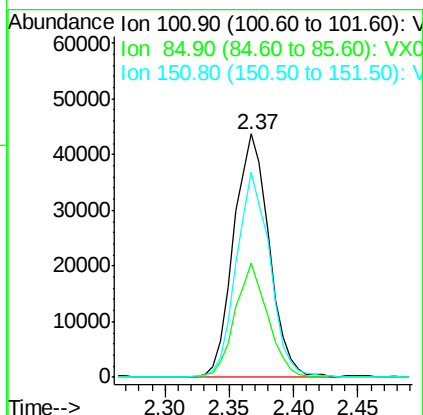
Acq: 03 Sep 2020 11:08

Tot Ion	Ratio	Resp	Lower	Upper
101	100	83756		
85	43.6	34.0	51.0	
151	79.8	65.2	97.8	

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

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#10

Methyl Iodide

Concen: 21.656 ug/l

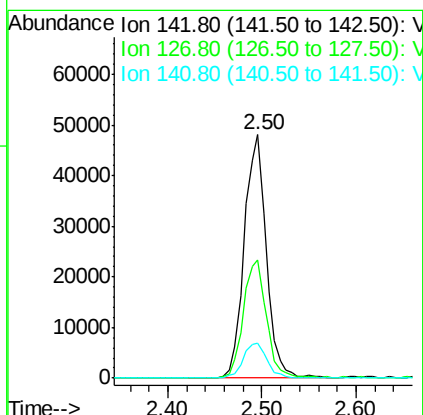
RT: 2.50 min Scan# 231

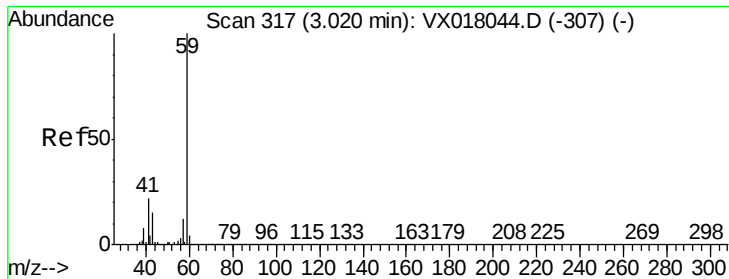
Delta R.T. 0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	78962		
127	50.9	37.0	55.6	
141	15.6	11.5	17.3	





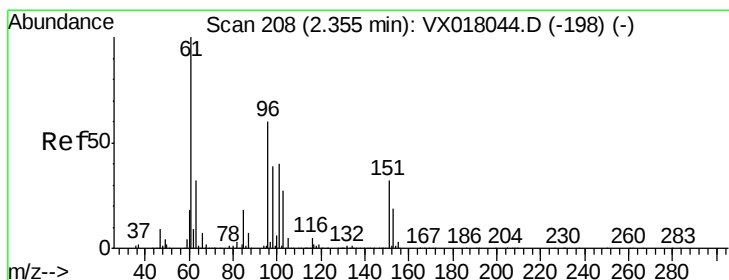
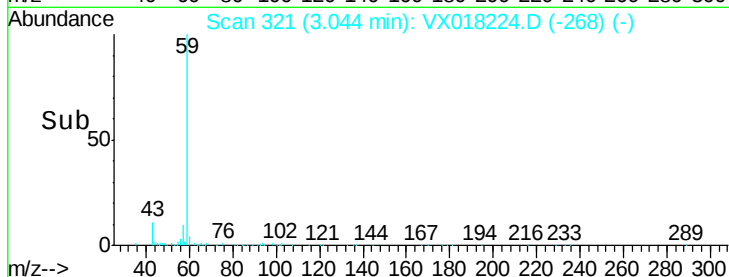
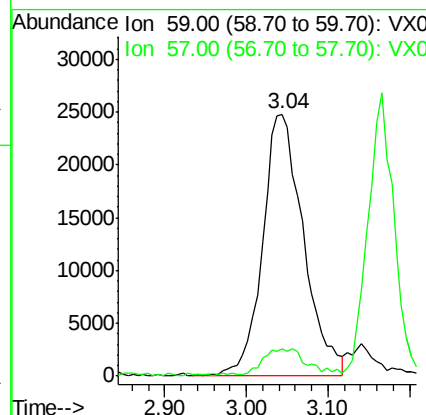
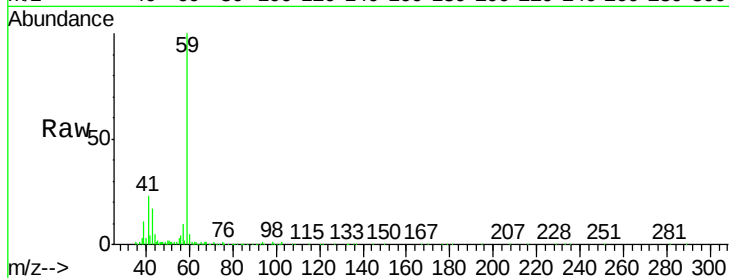
#11
Tert butyl alcohol
Concen: 74.951 ug/l
RT: 3.04 min Scan# 321
Delta R.T. 0.02 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.9	13.3

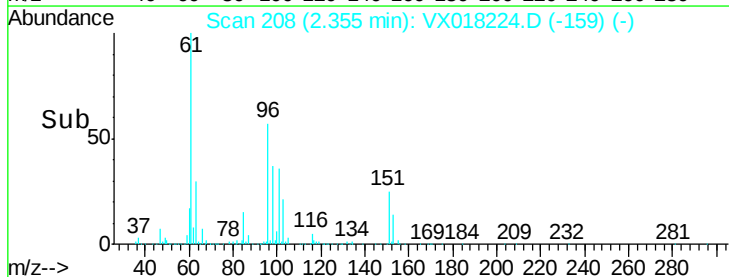
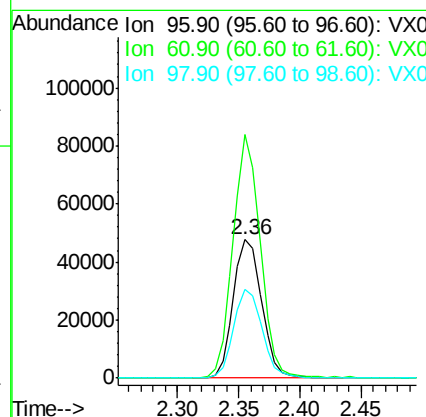
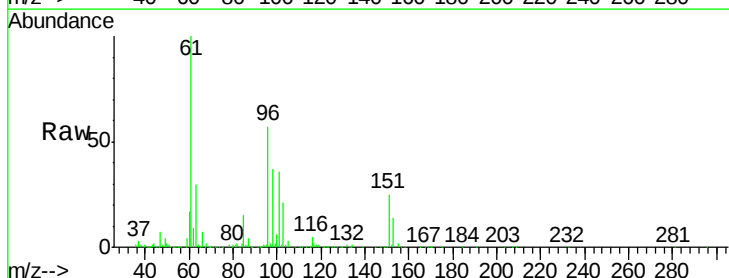
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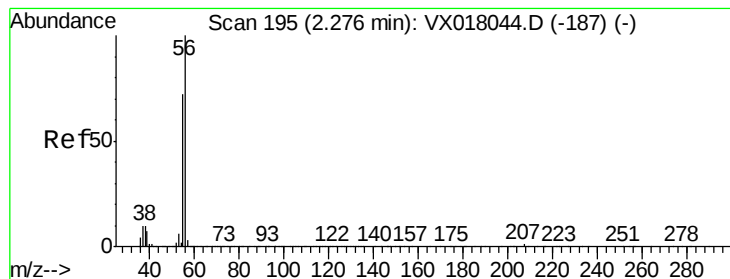
MMDadoda
9/4/2020 9:28:55 AM



#12
1,1-Dichloroethene
Concen: 18.325 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.2	133.0	199.4
98	64.6	51.6	77.4





#13

Acrolein

Concen: 38.325 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VX0903WBS01

Tot Ion: 56 Resp: 18360

Ion Ratio Lower Upper

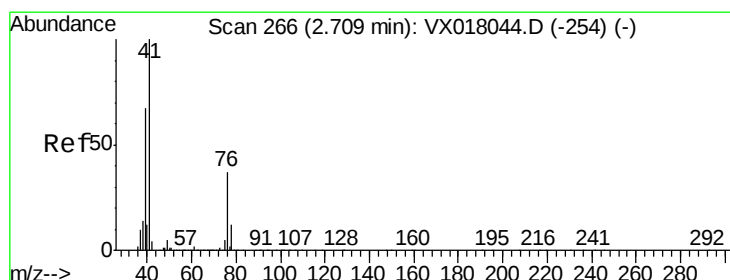
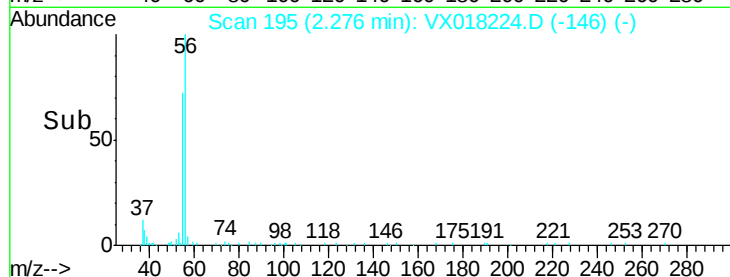
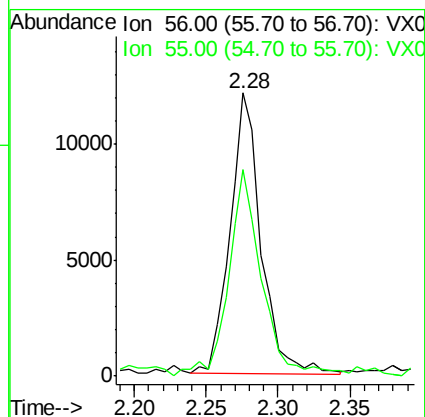
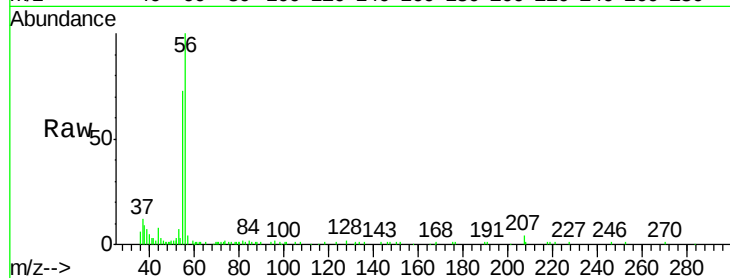
56 100

55 77.5 57.0 85.6

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#14

Allyl chloride

Concen: 18.229 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

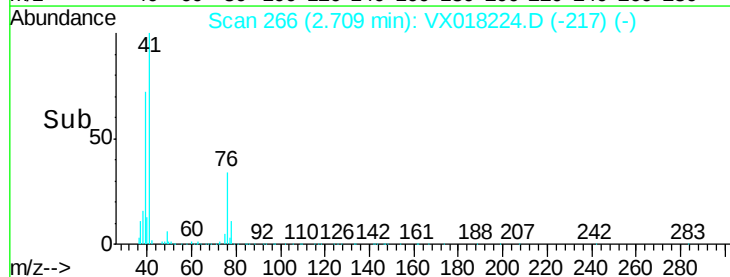
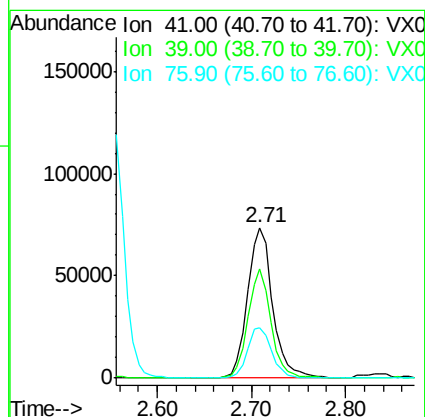
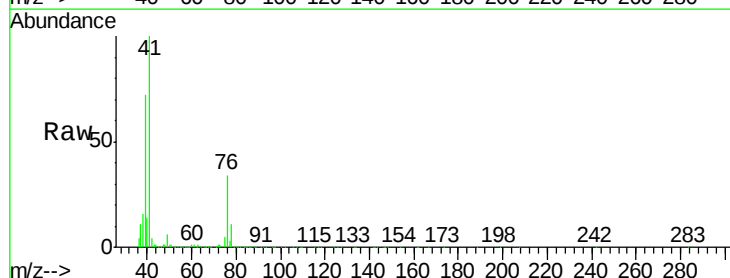
Tgt Ion: 41 Resp: 136991

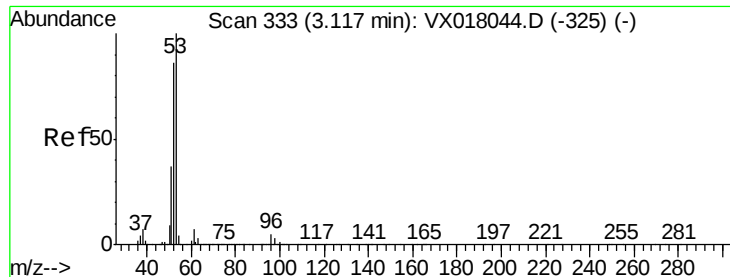
Ion Ratio Lower Upper

41 100

39 66.5 50.6 76.0

76 32.7 26.2 39.2





#15

Acrylonitrile

Concen: 80.817 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

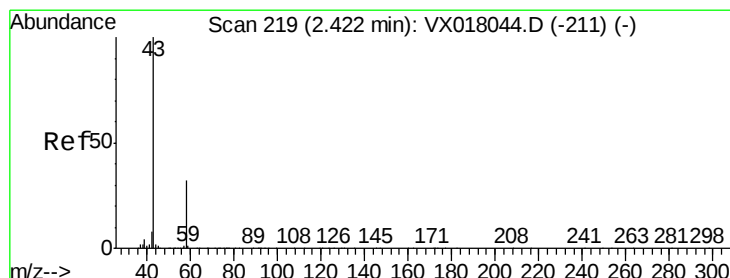
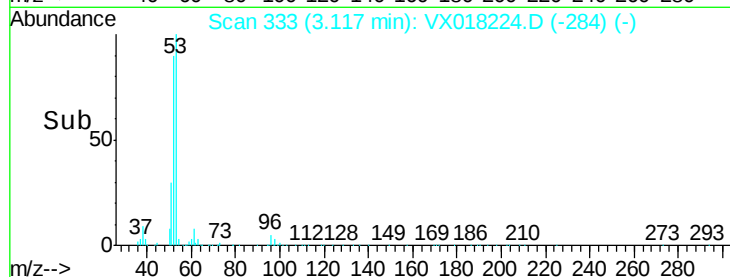
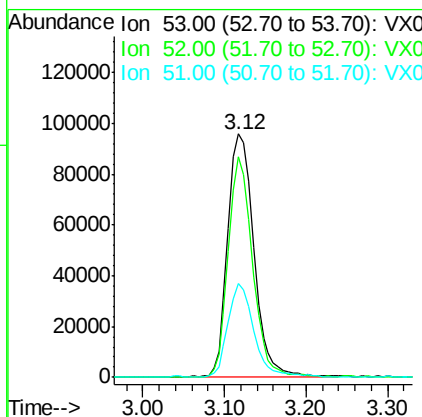
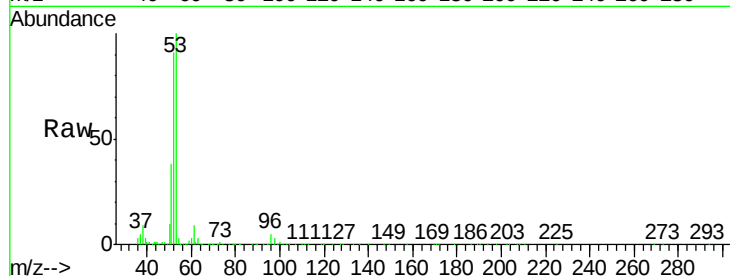
ClientSampleId :

VX0903WBS01

Tot Ion:	53	Resp:	211807
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.9	100.3
51	37.6	28.7	43.1

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#16

Acetone

Concen: 80.192 ug/l

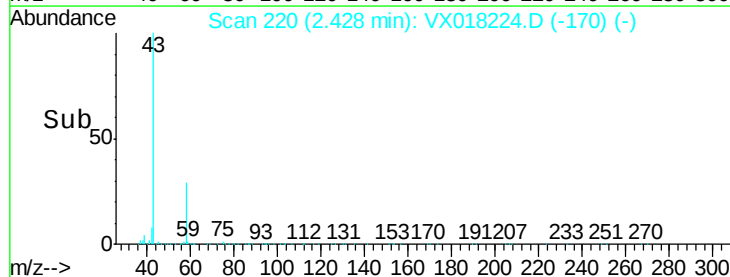
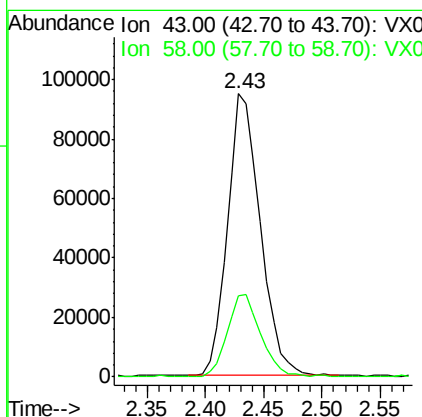
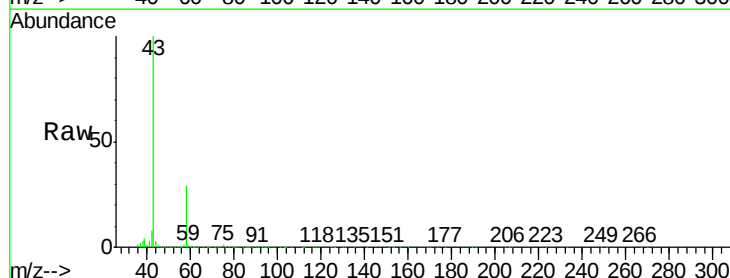
RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	43	Resp:	185677
Ion Ratio	Lower	Upper	
43	100		
58	28.6	25.5	38.3





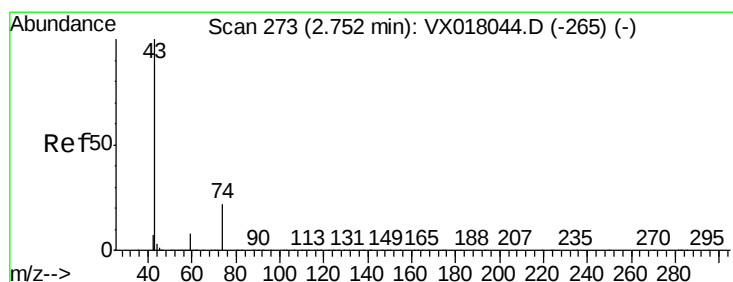
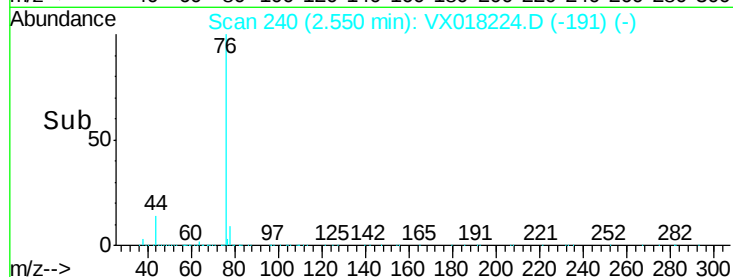
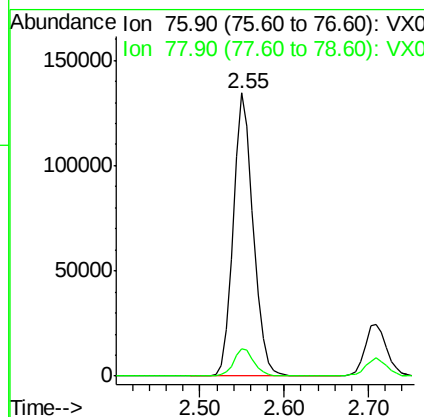
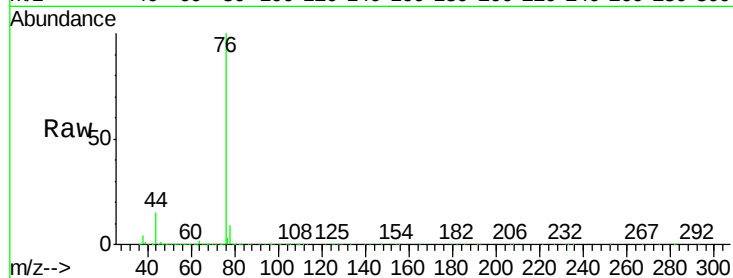
#17
Carbon Disulfide
Concen: 17.069 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.0

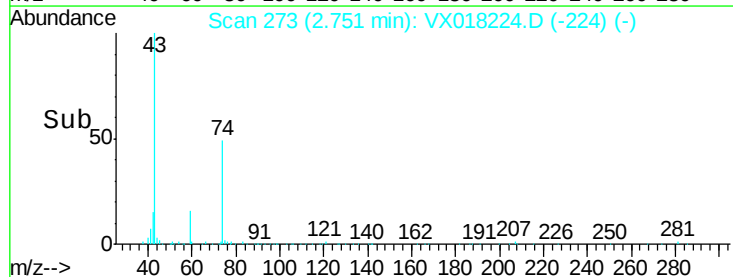
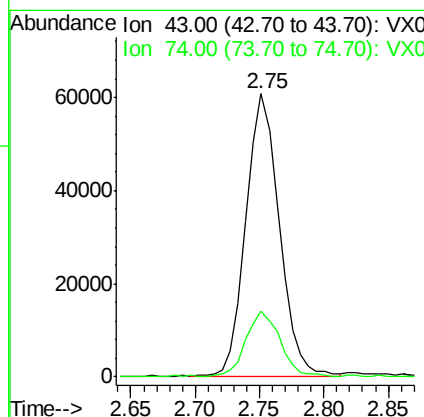
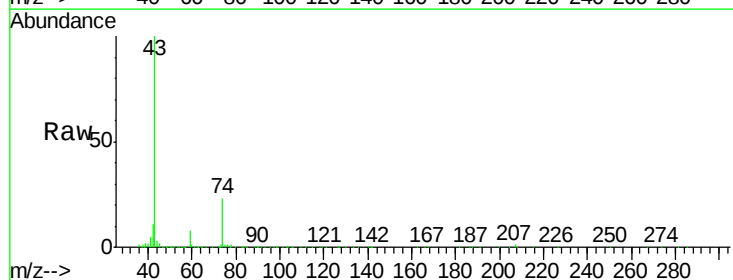
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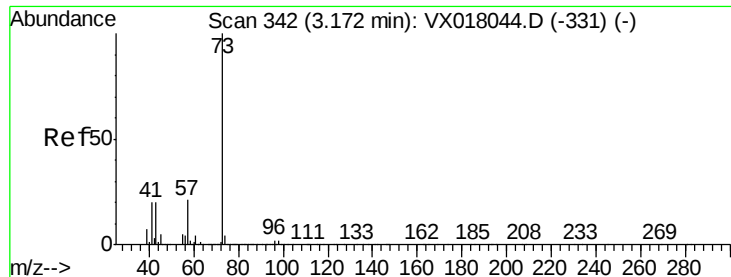
MMDadoda
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#18
Methyl Acetate
Concen: 19.666 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.2	27.4





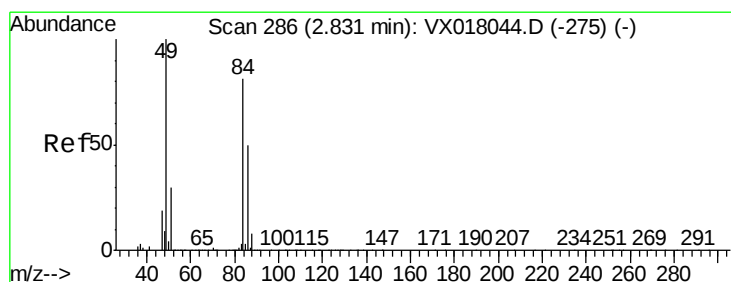
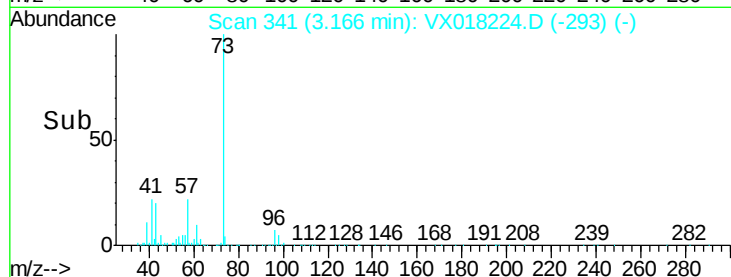
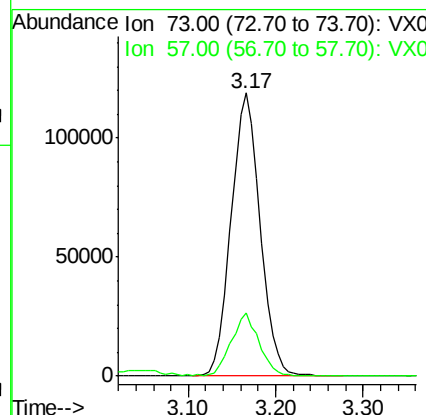
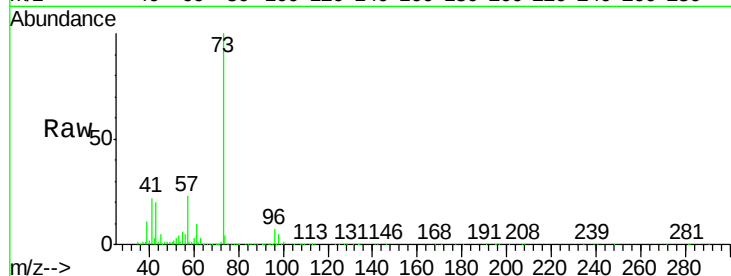
#19
Methvl tert-butvl Ether
Concen: 19.130 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.8	25.2

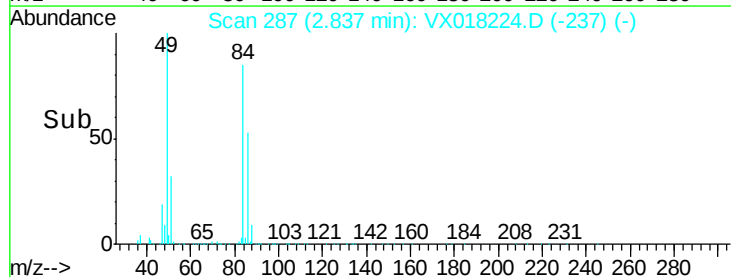
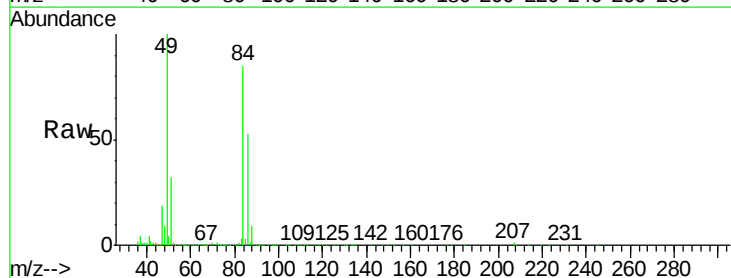
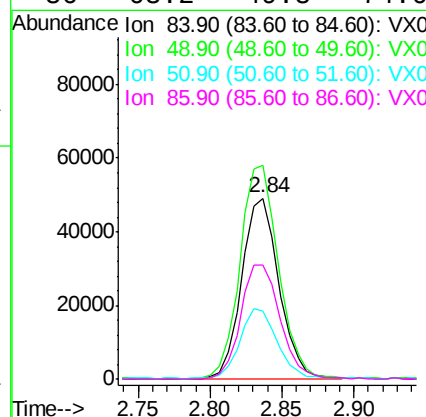
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#20
Methylene Chloride
Concen: 17.857 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.2	98.6	148.0
51	37.4	29.6	44.4
86	63.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 18.375 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

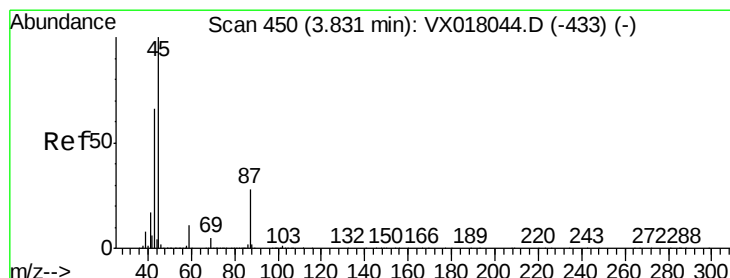
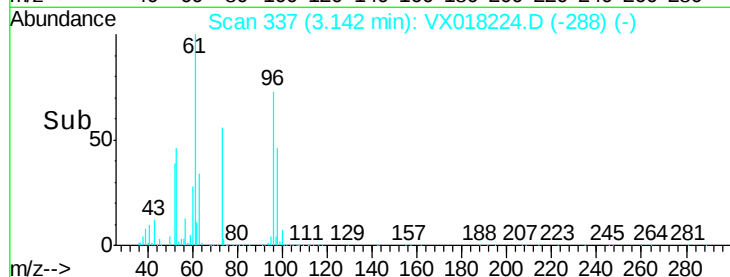
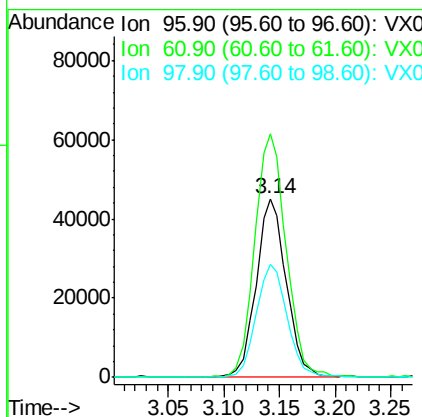
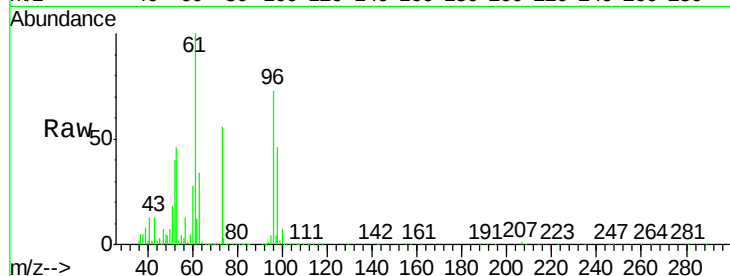
ClientSampled :

VX0903WBS01

Tot Ion:	96	Resp:	85157
Ion	Ratio	Lower	Upper
96	100		
61	136.2	115.4	173.0
98	62.9	51.1	76.7

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#22

Diisopropyl ether

Concen: 18.473 ug/l

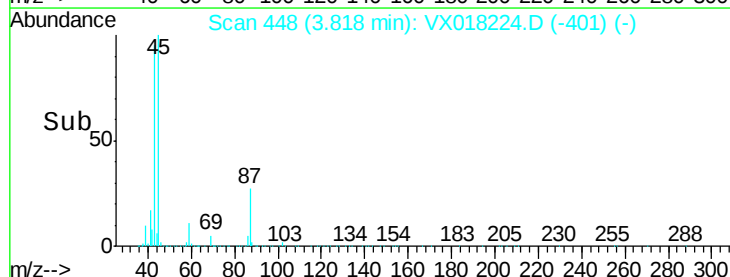
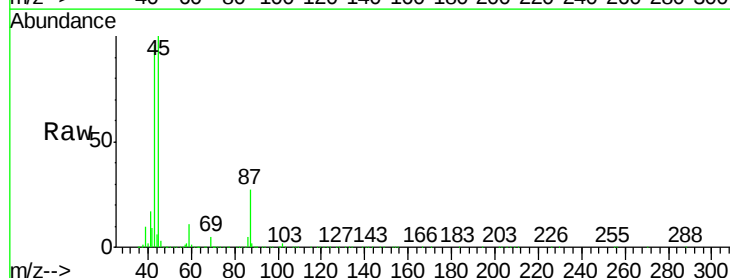
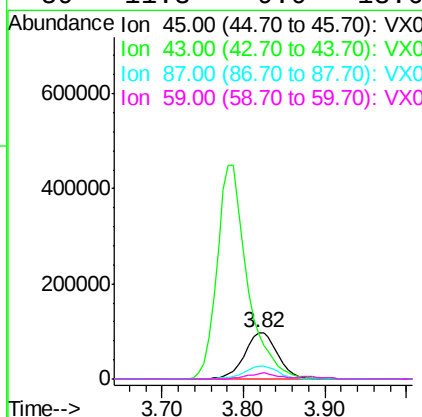
RT: 3.82 min Scan# 448

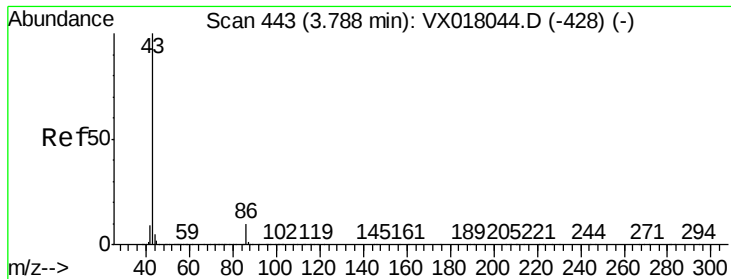
Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	45	Resp:	274009
Ion	Ratio	Lower	Upper
45	100		
43	94.6	52.8	79.2#
87	26.6	22.5	33.7
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 88.192 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleID :

VX0903WBS01

Tot Ion: 43 Resp: 1163973

Ion Ratio Lower Upper

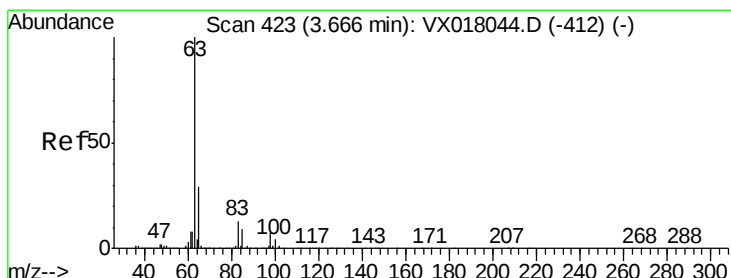
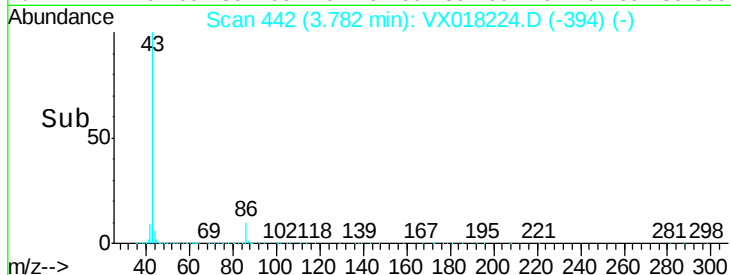
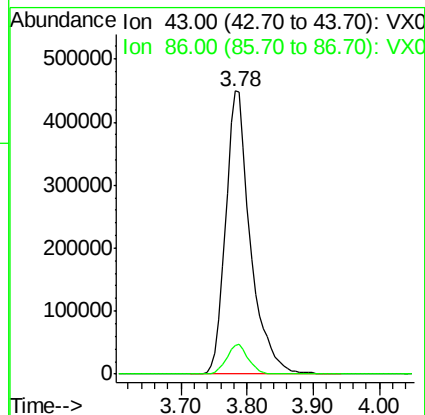
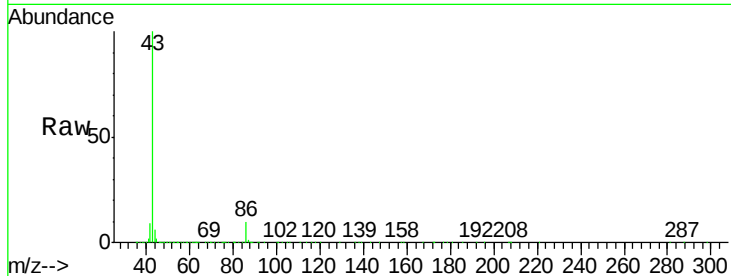
43 100

86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 18.707 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

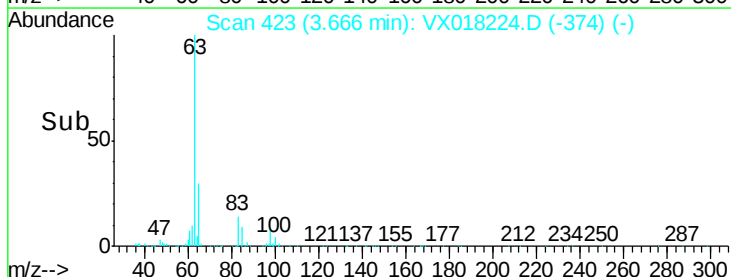
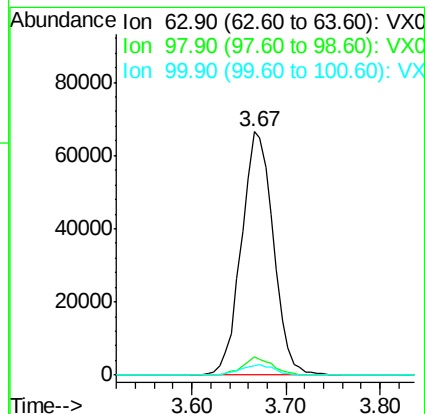
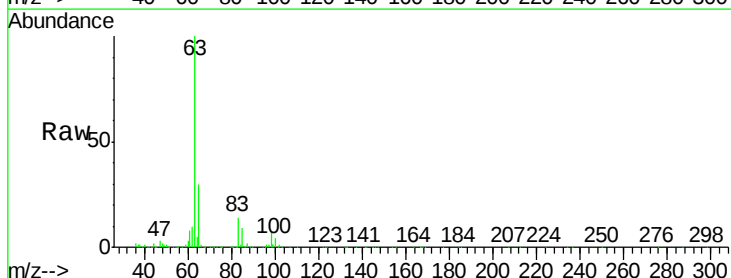
Tgt Ion: 63 Resp: 157951

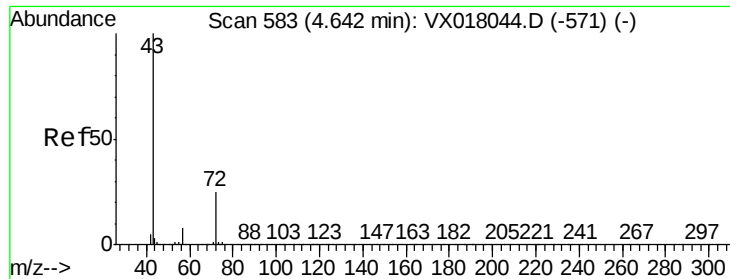
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 3.8 2.0 6.0





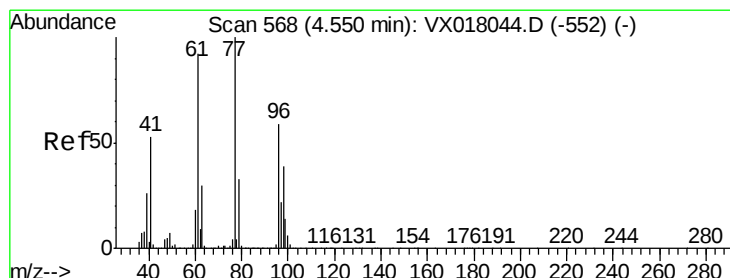
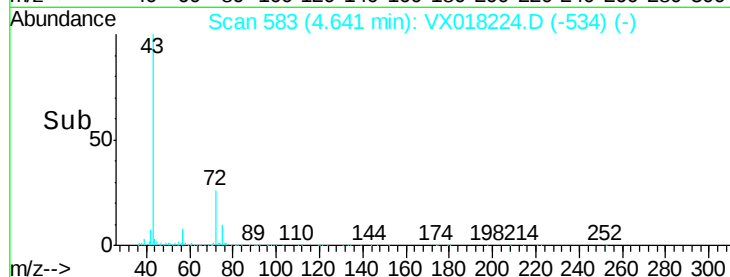
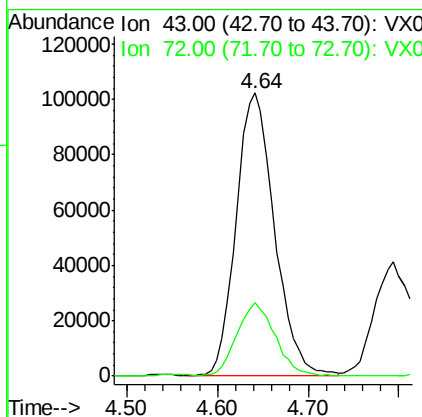
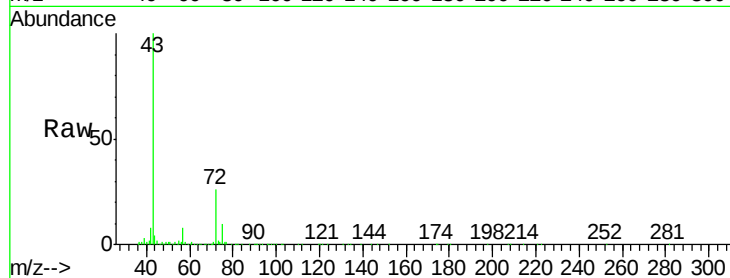
#25
2-Butanone
Concen: 78.534 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.8	29.6

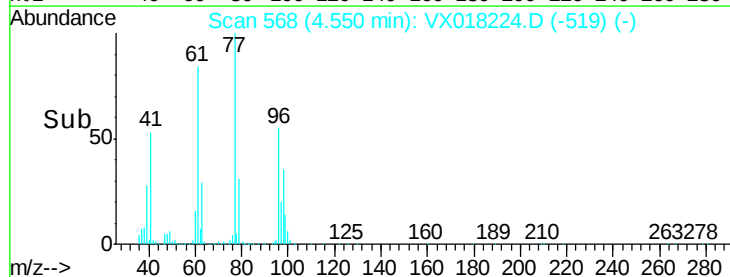
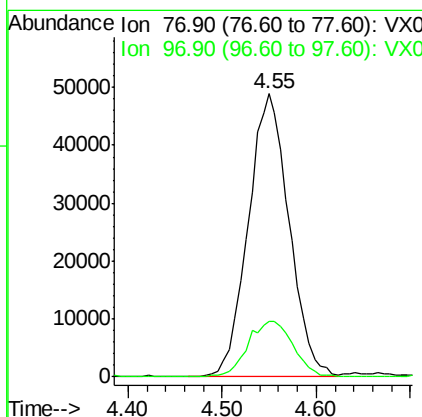
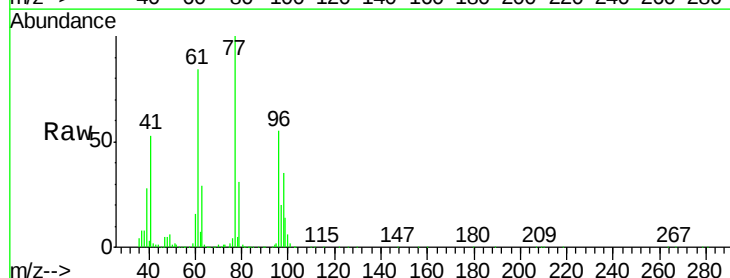
Manual Integrations
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9/4/2020 9:28:55 AM



#26
2,2-Dichloropropane
Concen: 21.514 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.5	34.5





#27

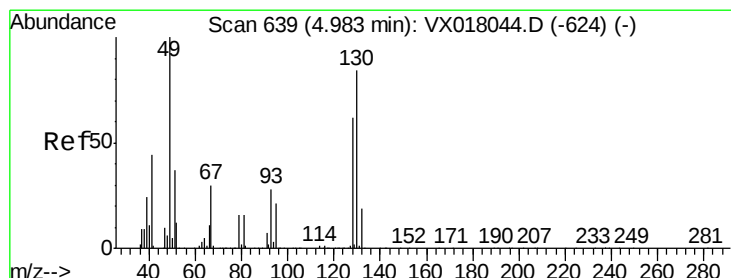
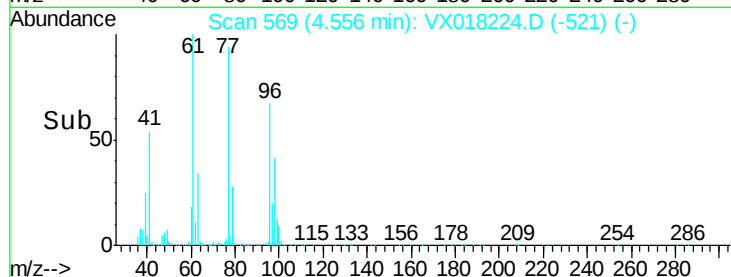
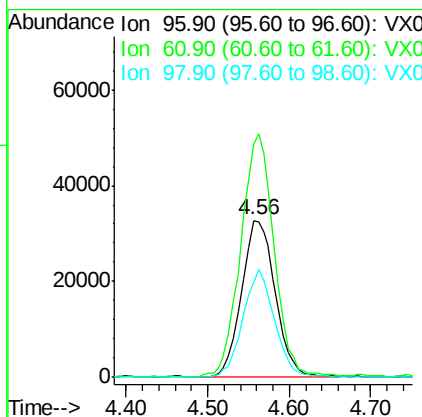
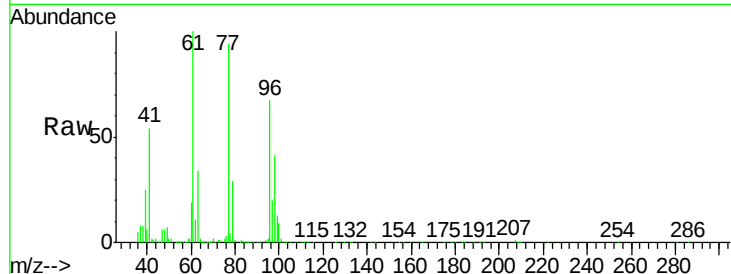
cis-1,2-Dichloroethene
Concen: 17.498 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.7	0.0	296.6	
98	65.0	0.0	130.2	

Manual Integrations
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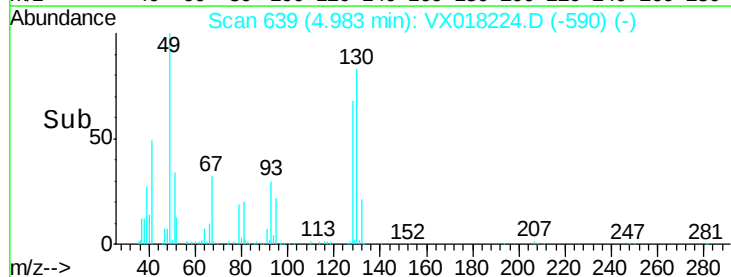
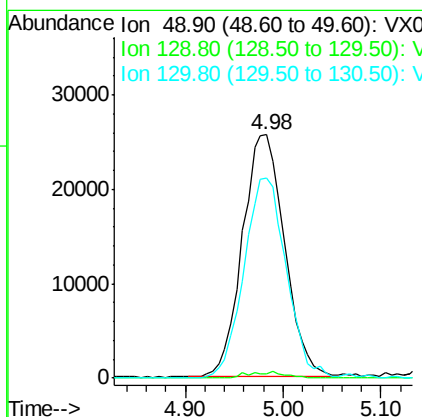
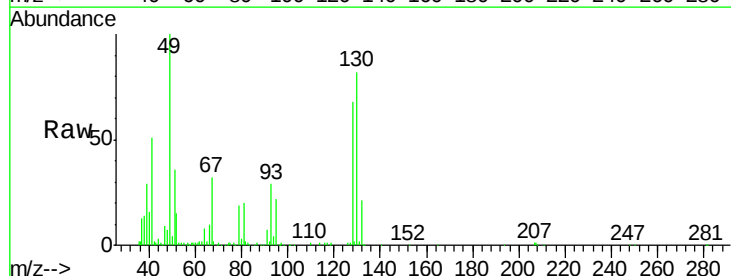
MMDadoda
9/4/2020 9:28:55 AM

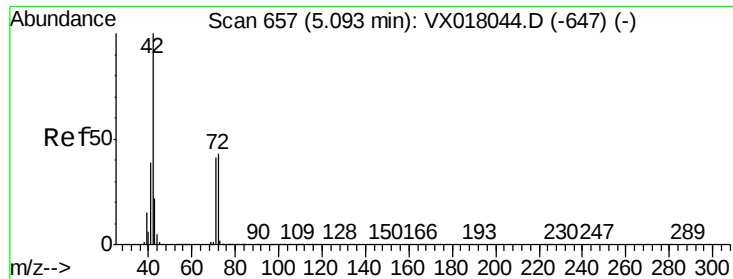


#28

Bromochloromethane
Concen: 18.895 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.6	
130	82.8	64.6	96.8	





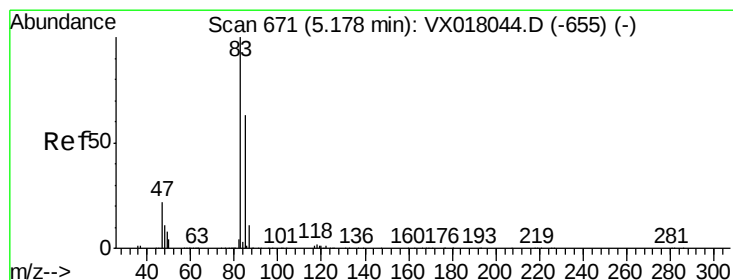
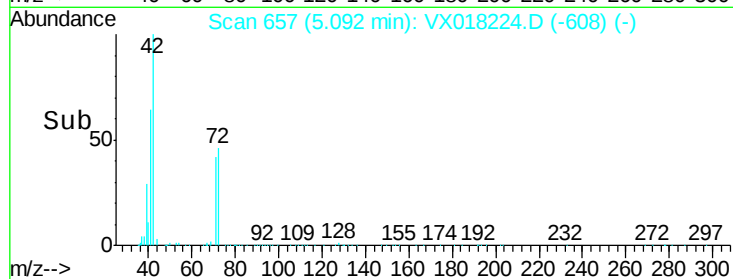
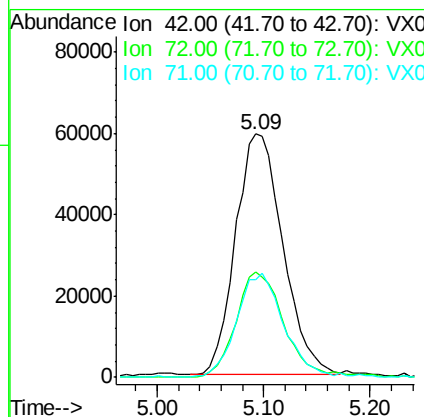
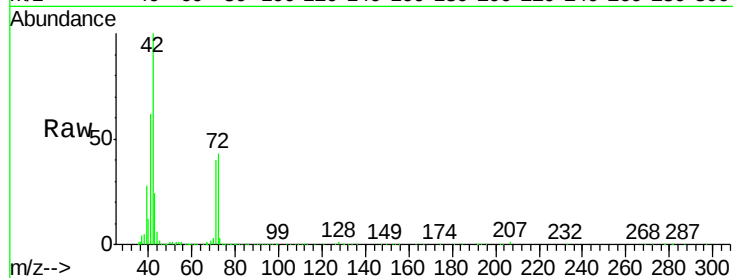
#29
Tetrahydrofuran
Concen: 76.589 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
42	100	185527		
72	44.0		34.2	51.4
71	43.4		32.1	48.1

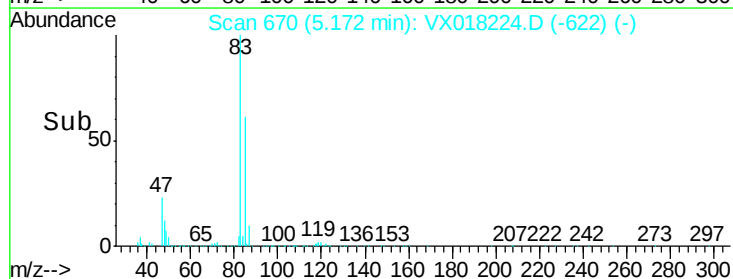
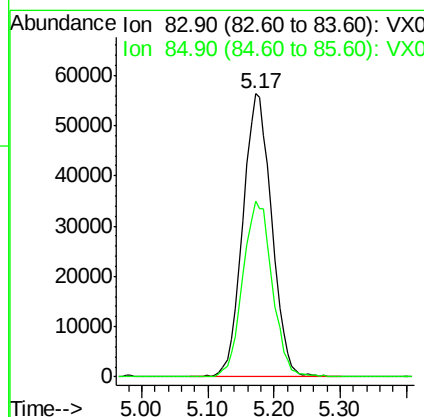
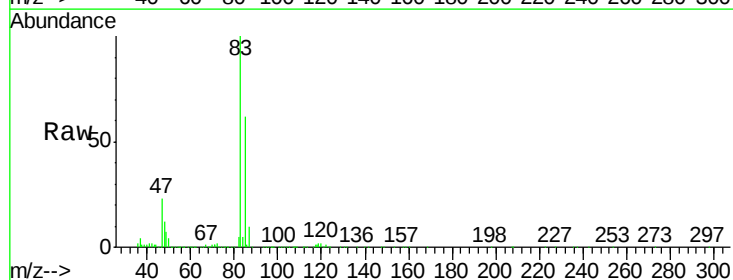
Manual Integrations
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#30
Chloroform
Concen: 19.555 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	170961		
85	61.7		50.7	76.1





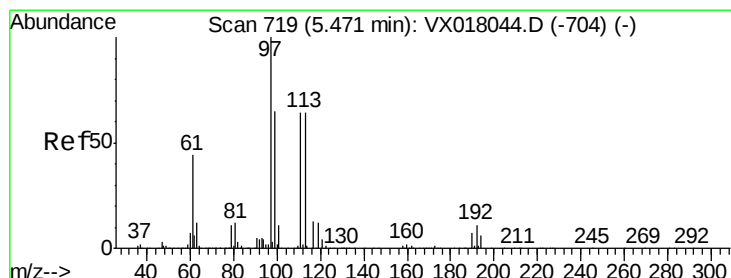
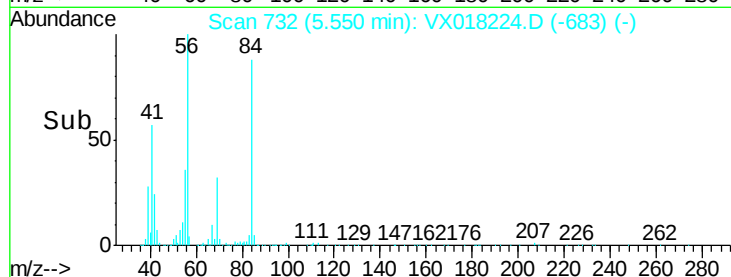
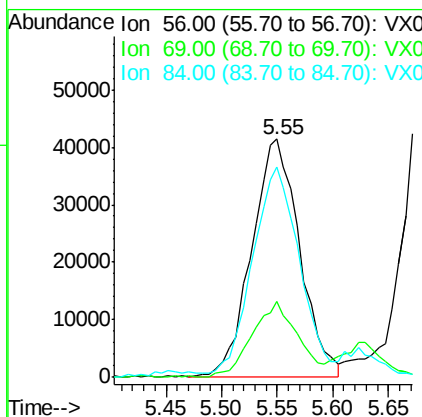
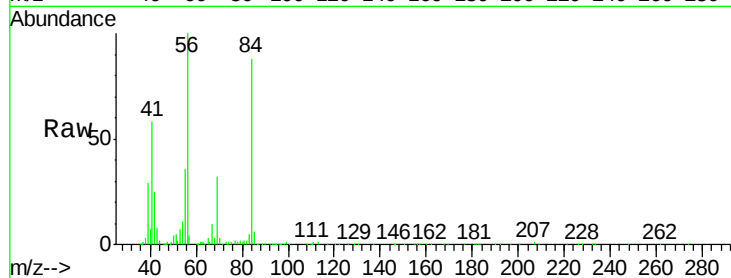
#31
Cyclohexane
Concen: 17.261 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.2	23.9	35.9	
84	86.7	67.0	100.4	

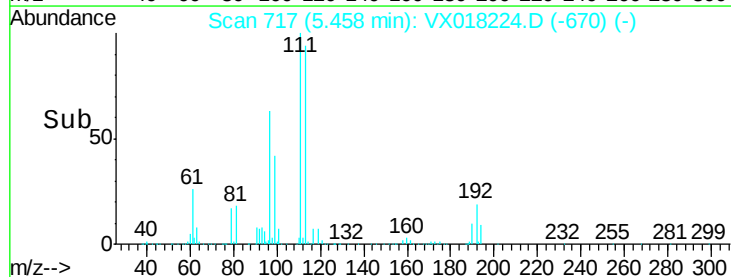
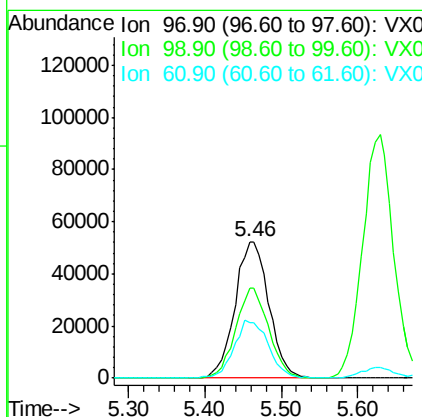
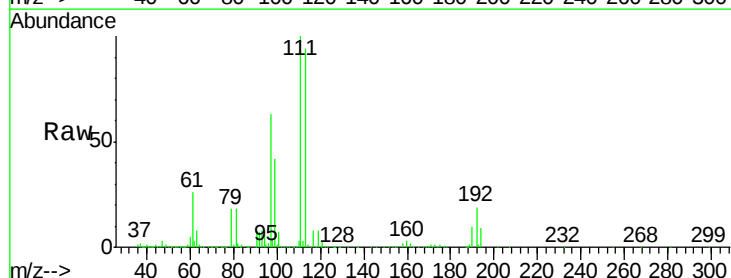
Manual Integrations
APPROVED

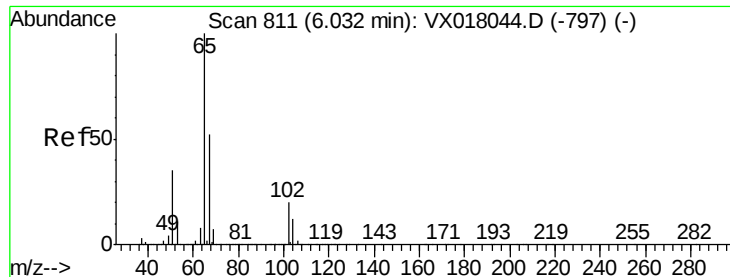
MMDadoda
9/4/2020 9:28:55 AM



#32
1,1,1-Trichloroethane
Concen: 20.045 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	51.4	77.0	
61	42.5	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 52.134 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VX0903WBS01

Tot Ion: 65 Resp: 309785

Ion Ratio Lower Upper

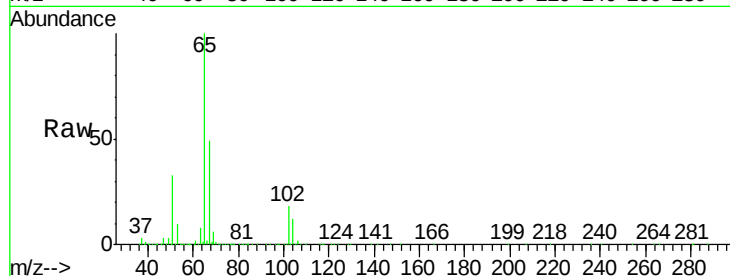
65 100

67 50.5 0.0 105.8

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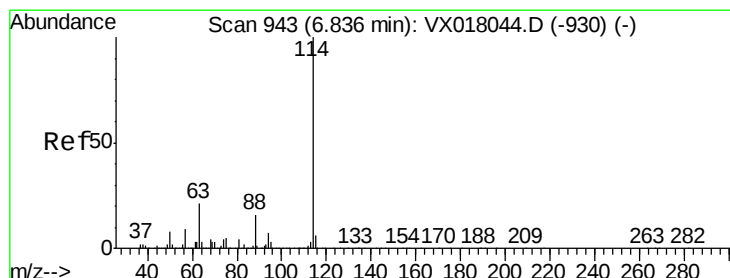
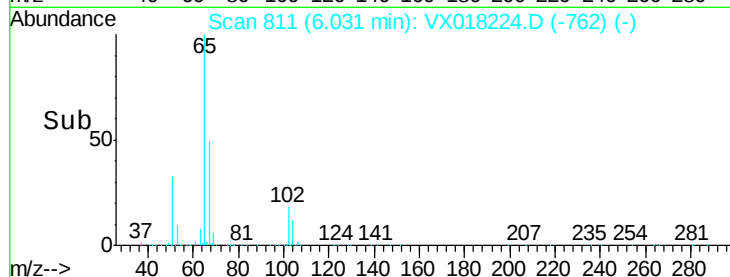
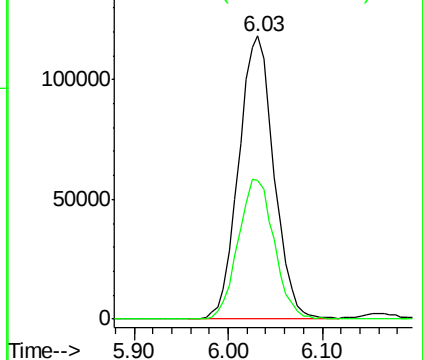
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

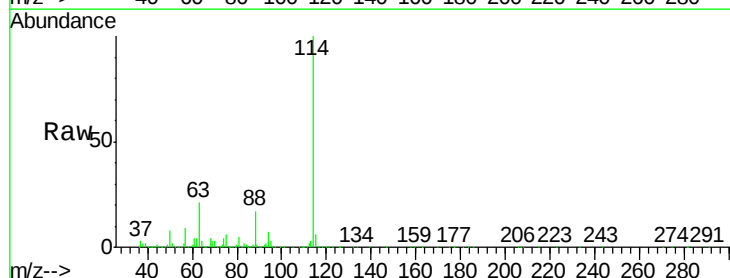
Tgt Ion: 114 Resp: 661601

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

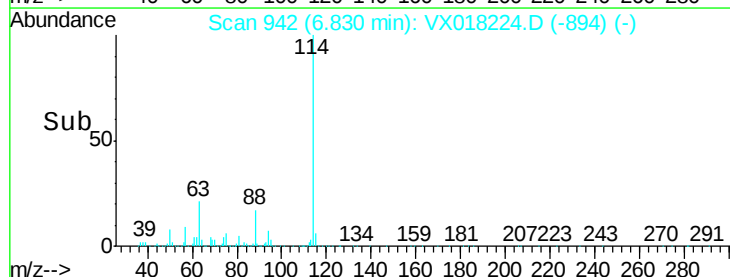
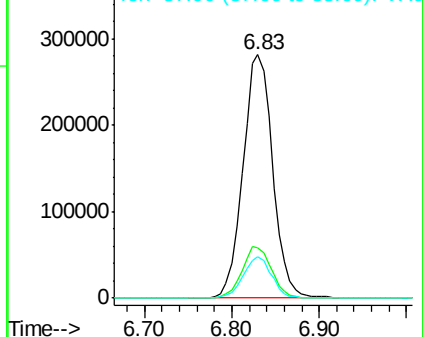
88 16.8 0.0 31.8

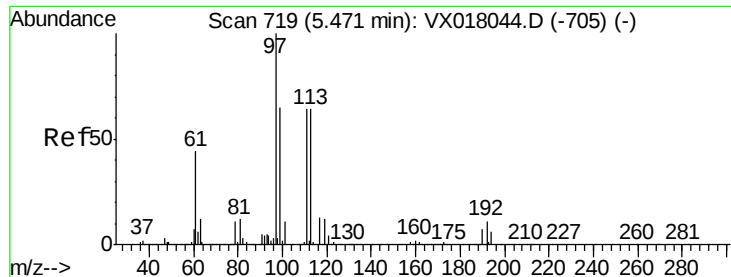


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.049 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

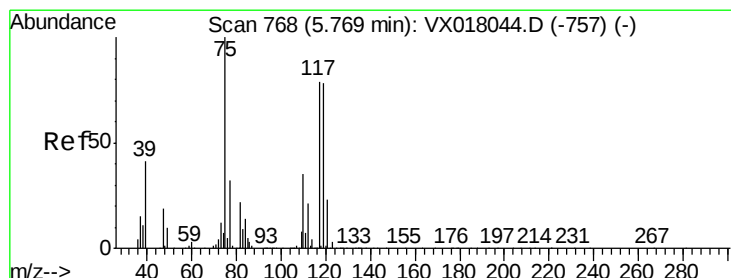
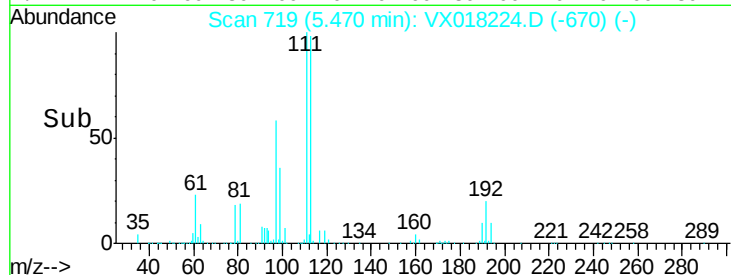
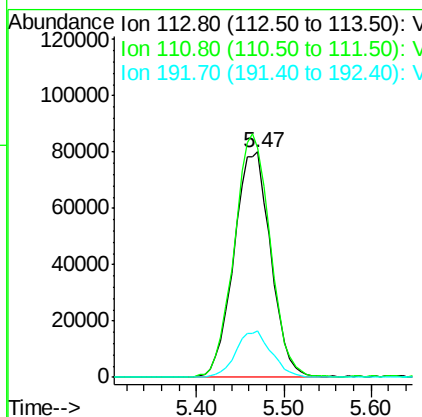
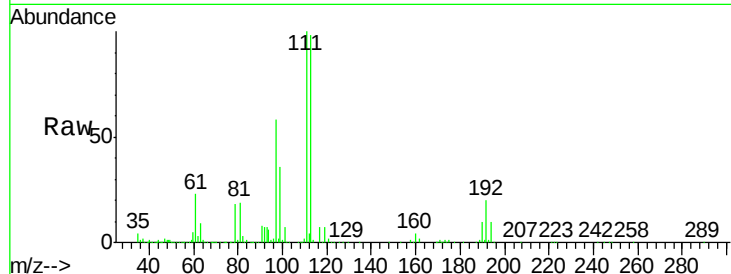
ClientSampleId :

VX0903WBS01

Tot Ion:	113	Resp:	234525
Ion Ratio	Lower	Upper	
113	100		
111	105.7	81.6	122.4
192	19.8	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.601 ug/l

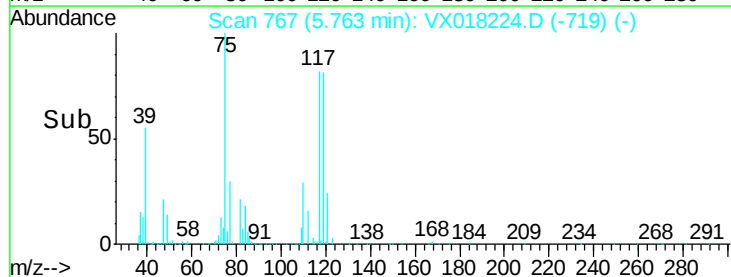
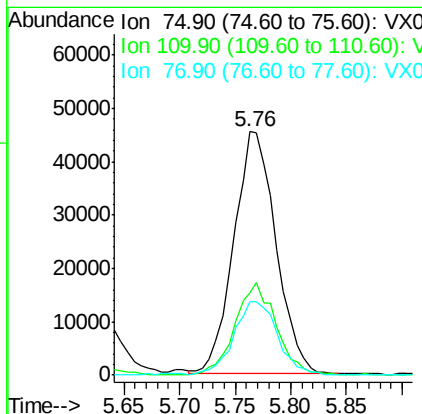
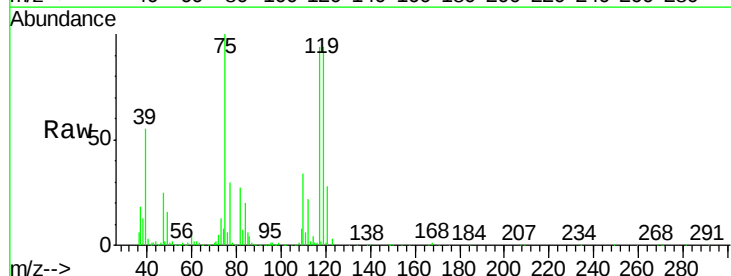
RT: 5.76 min Scan# 767

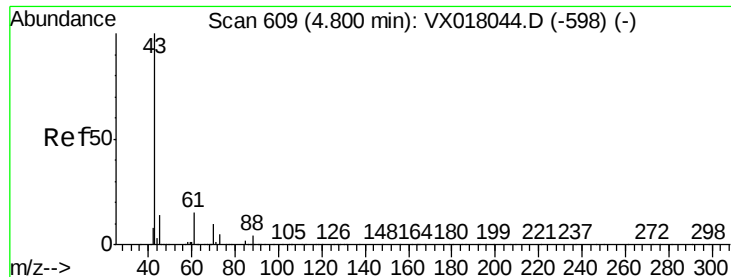
Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	75	Resp:	119609
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.0	54.0
77	30.9	24.4	36.6





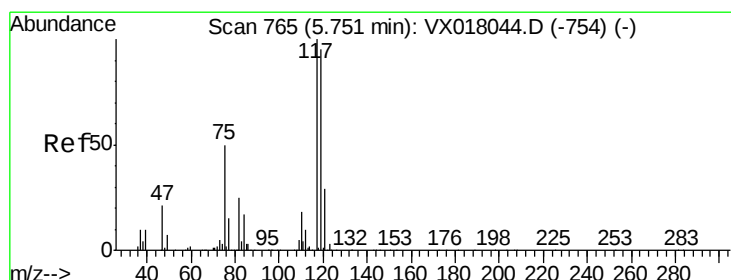
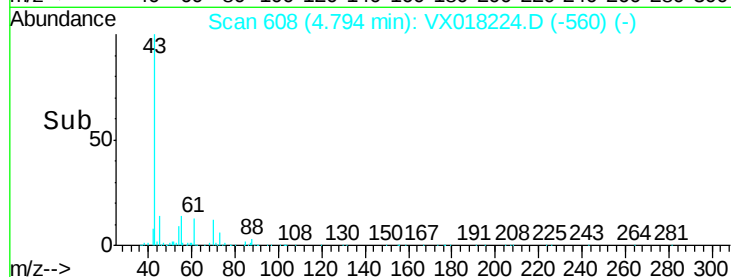
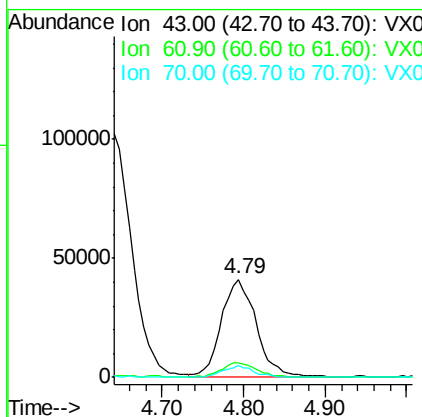
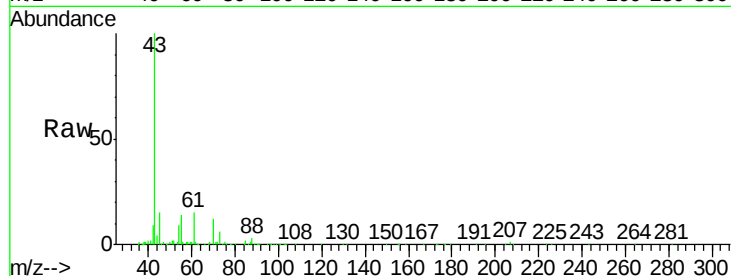
#37
Ethyl Acetate
Concen: 16.949 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	43	Resp	120128
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.3	16.9
70	11.2	8.2	12.4

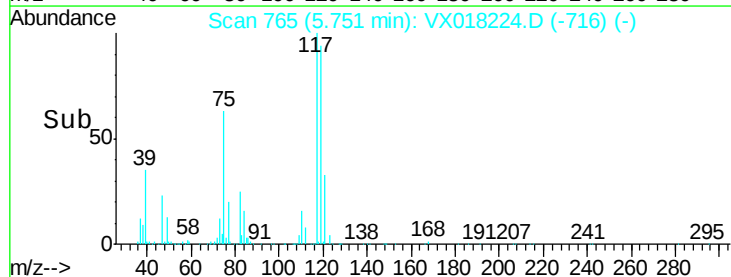
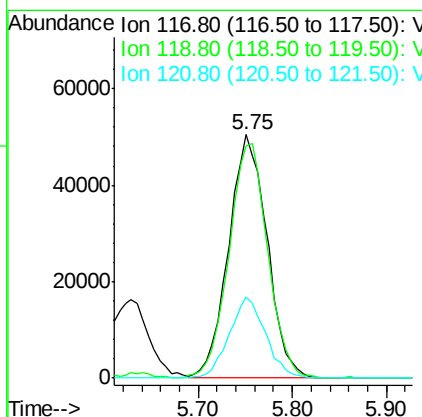
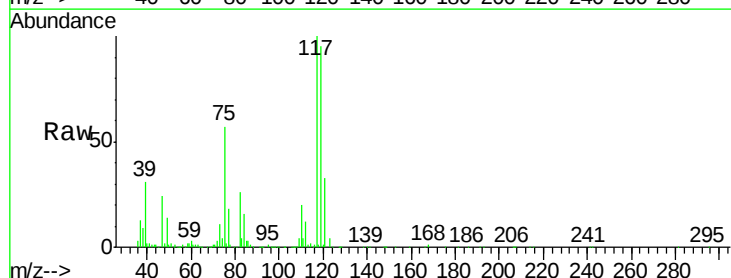
Manual Integrations
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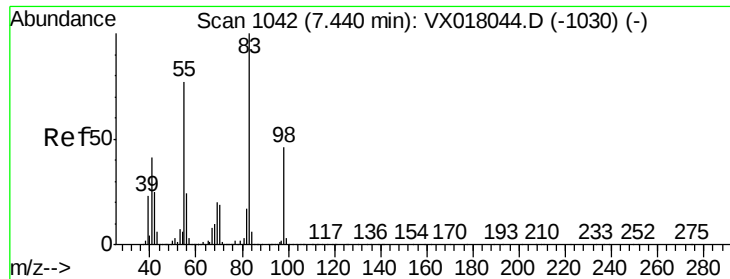
MMDadoda
9/4/2020 9:28:55 AM



#38
Carbon Tetrachloride
Concen: 20.919 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	117	Resp	143859
Ion Ratio	Lower	Upper	
117	100		
119	94.8	75.8	113.6
121	33.1	23.4	35.0





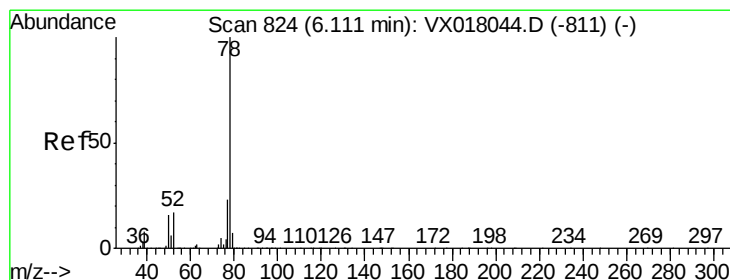
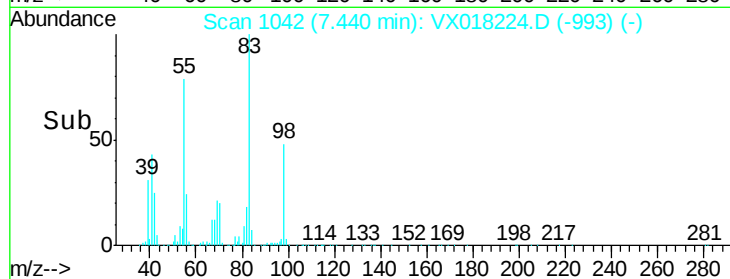
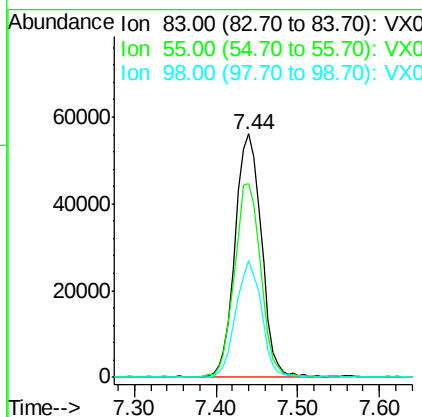
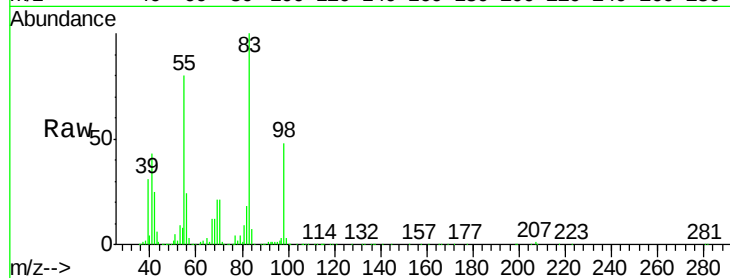
#39
Methvlcvclohexane
Concen: 18.830 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.8	92.6
98	48.0	36.6	55.0

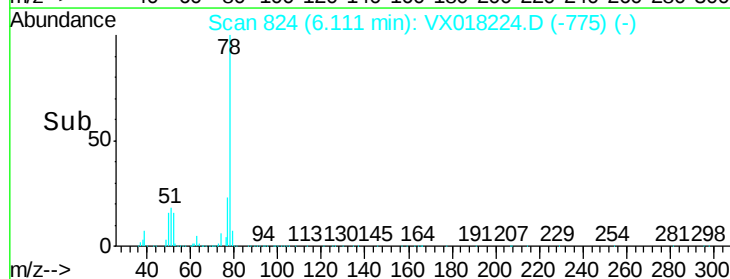
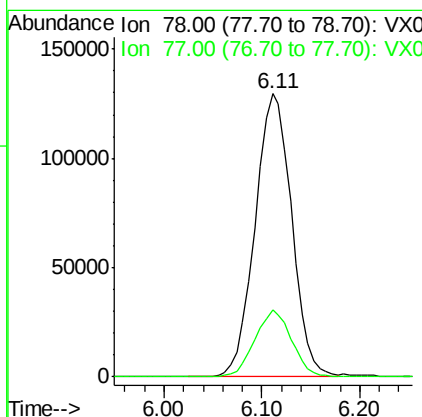
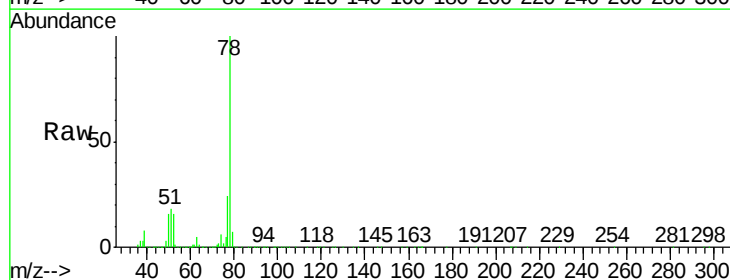
Manual Integrations
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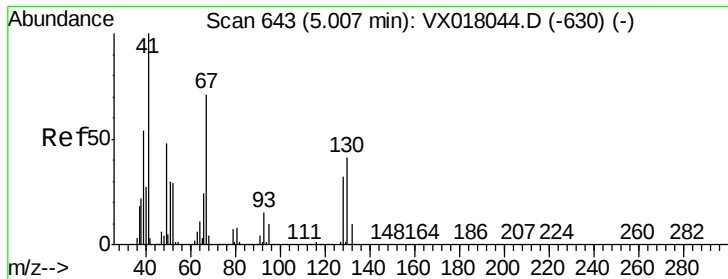
MMDadoda
9/4/2020 9:28:55 AM



#40
Benzene
Concen: 18.774 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





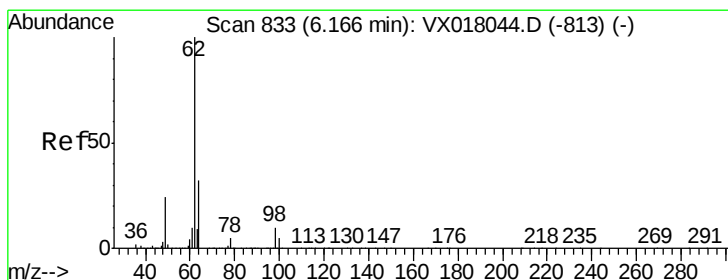
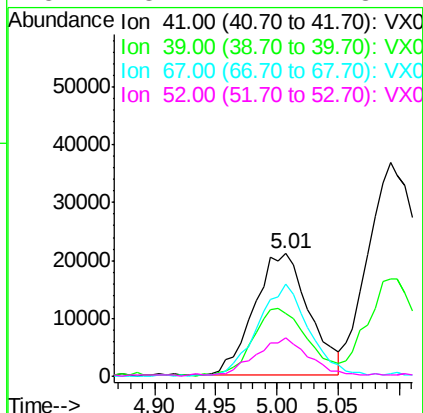
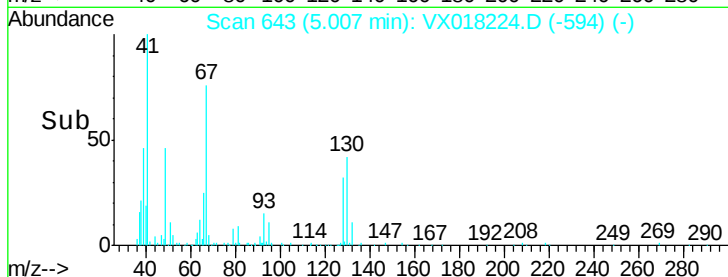
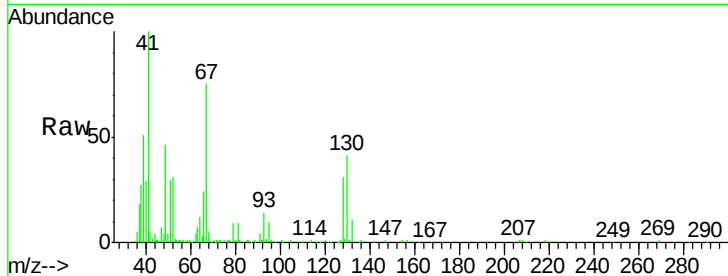
#41
Methacrylonitrile
Concen: 17.031 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampled :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.1	64.7
67	68.4	56.0	84.0
52	28.7	22.7	34.1

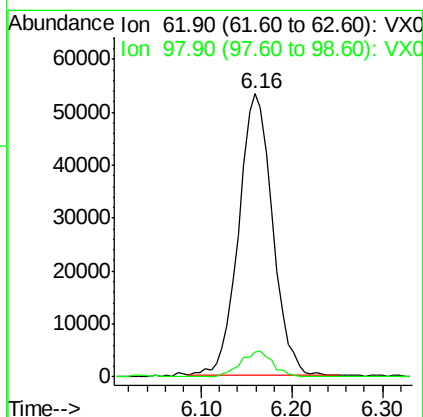
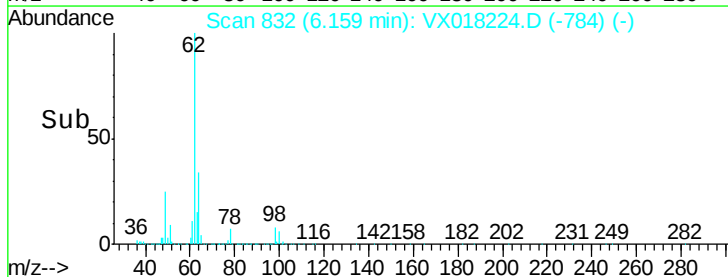
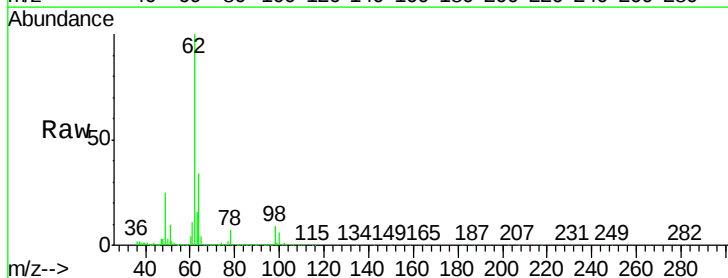
Manual Integrations
APPROVED

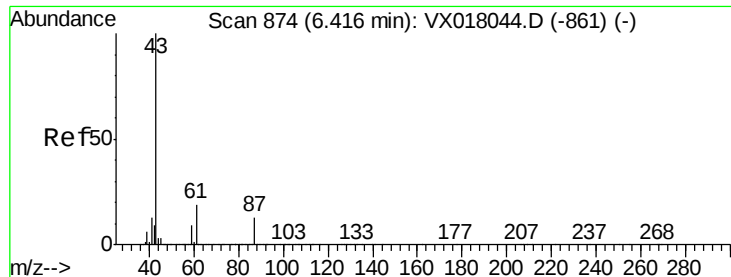
MMDadoda
9/4/2020 9:28:55 AM



#42
1,2-Dichloroethane
Concen: 20.034 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2





#43

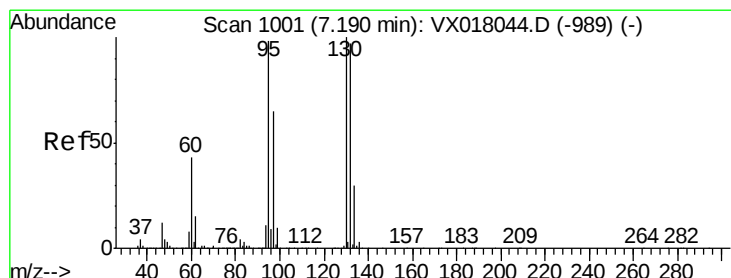
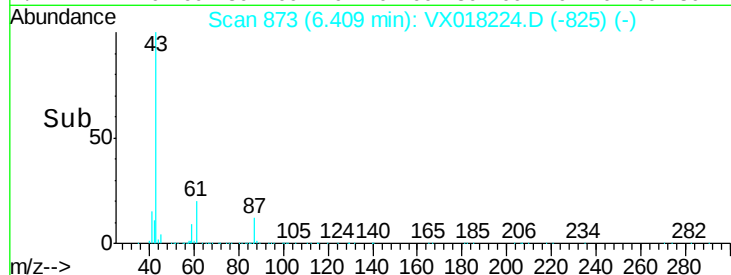
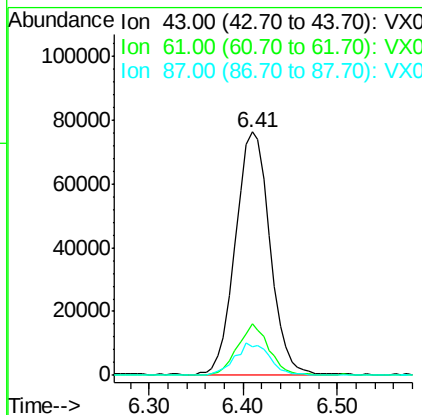
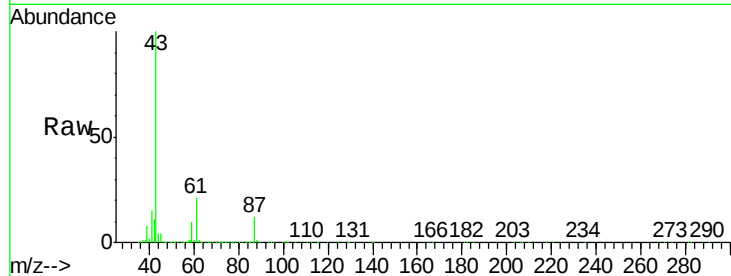
Isopropyl Acetate
 Concen: 17.005 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.6	10.3	15.5

Manual Integrations
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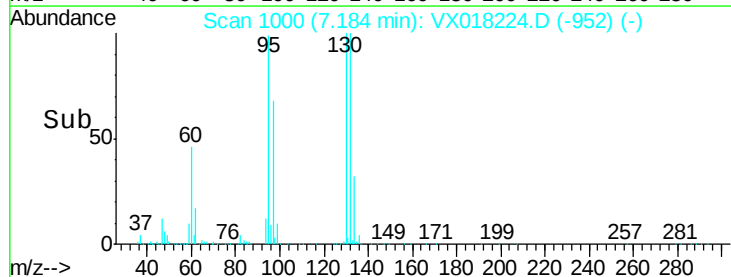
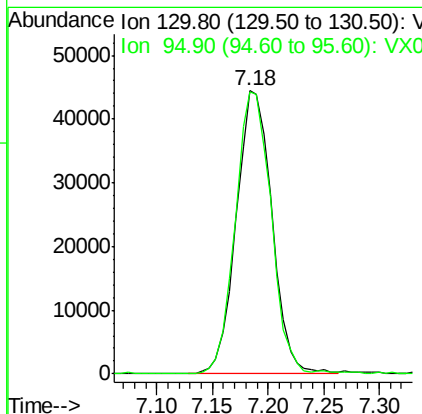
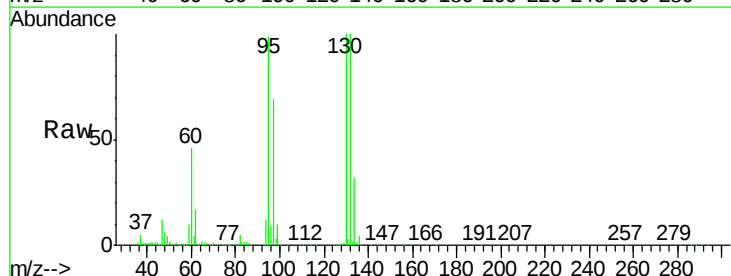
MMDadoda
 9/4/2020 9:28:55 AM

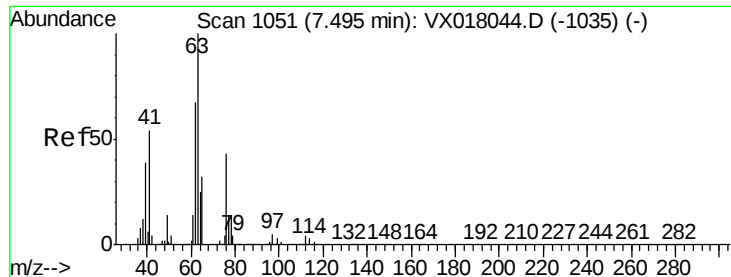


#44

Trichloroethene
 Concen: 19.543 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	196.4





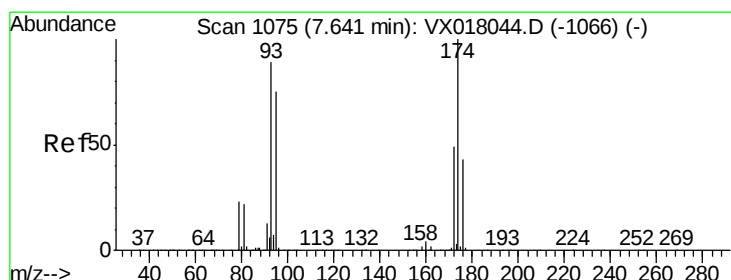
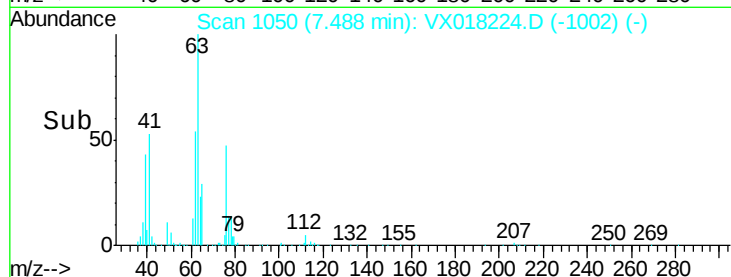
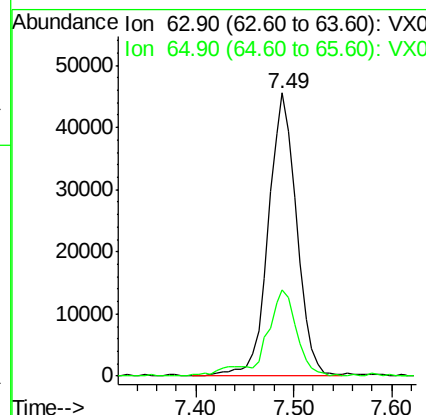
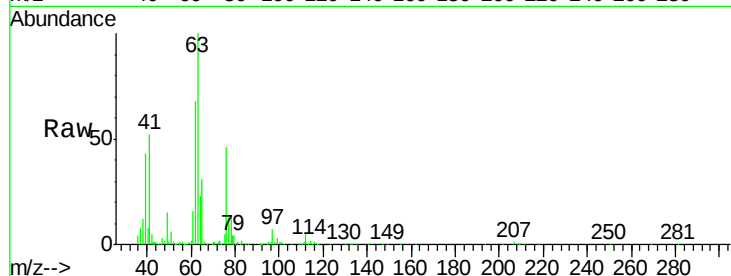
#45
 1,2-Dichloropropane
 Concen: 18.934 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0903WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.7	38.5

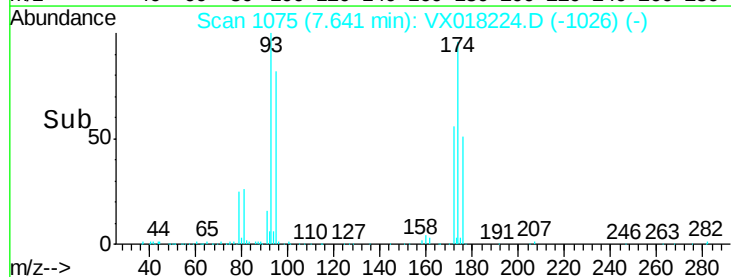
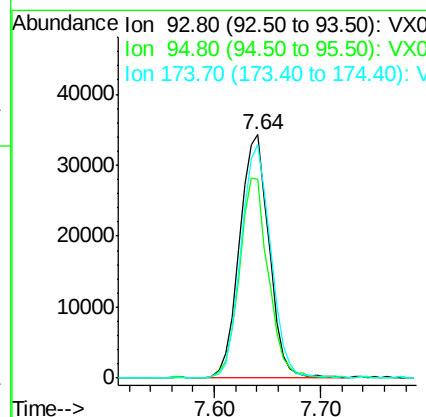
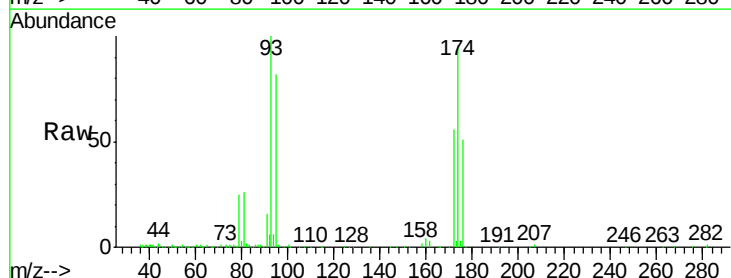
Manual Integrations
 APPROVED

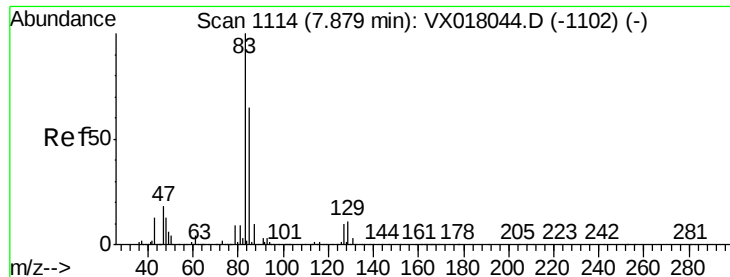
MMDadoda
 9/4/2020 9:28:55 AM



#46
 Dibromomethane
 Concen: 19.737 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.4	67.3	100.9
174	96.8	82.2	123.2





#47

Bromodichloromethane

Concen: 20.102 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

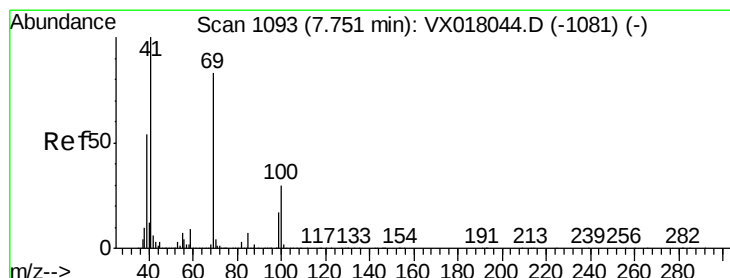
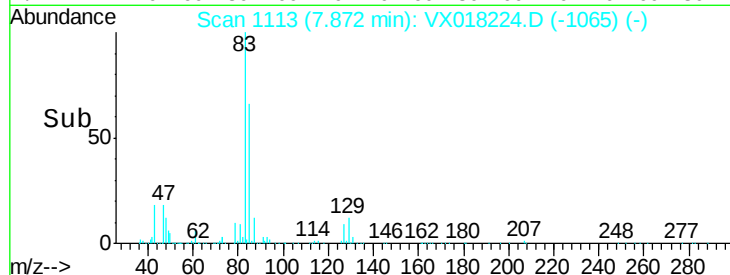
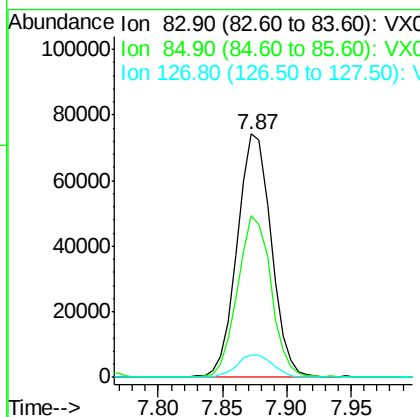
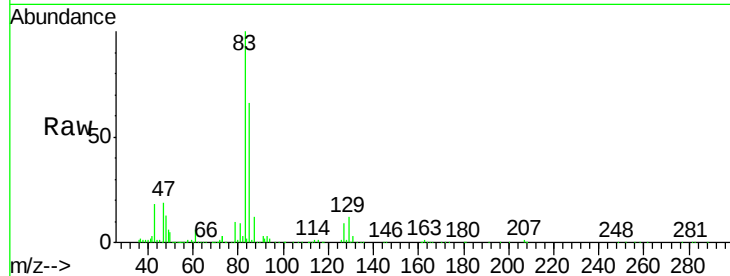
ClientSampled :

VX0903WBS01

Tot Ion:	83	Resp:	136401
Ion Ratio	Lower	Upper	
83	100		
85	66.2	51.8	77.6
127	8.8	7.7	11.5

Manual Integrations
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MMDadoda
9/4/2020 9:28:55 AM



#48

Methyl methacrylate

Concen: 16.083 ug/l

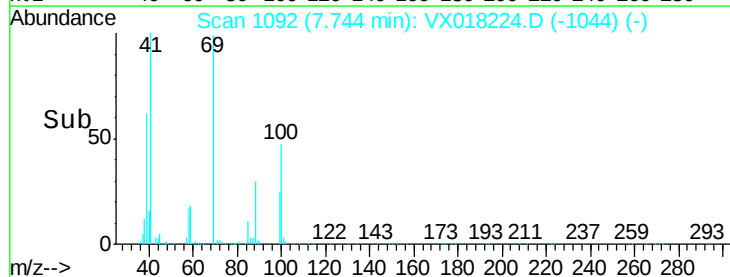
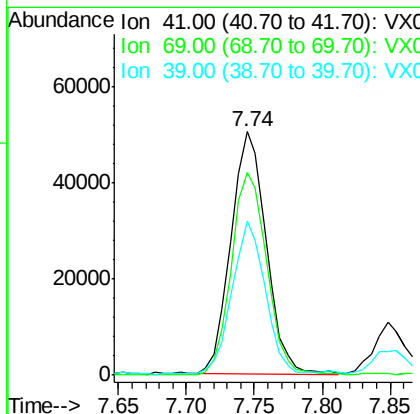
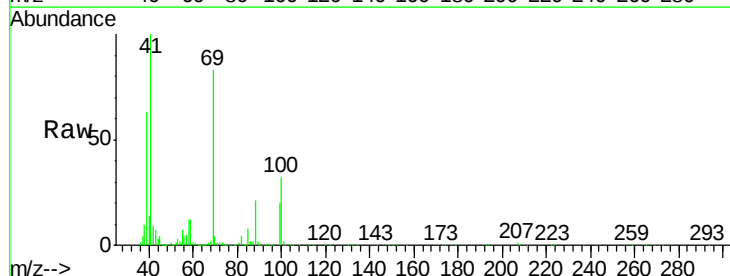
RT: 7.74 min Scan# 1092

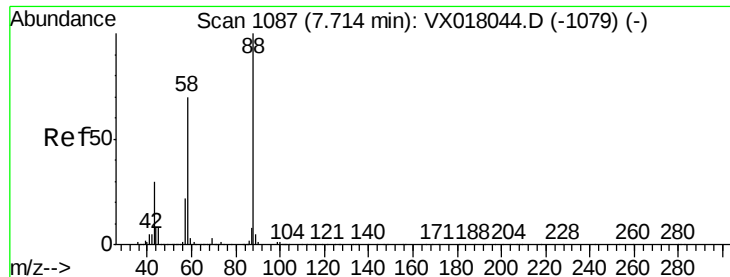
Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	41	Resp:	91654
Ion Ratio	Lower	Upper	
41	100		
69	83.6	65.5	98.3
39	59.0	44.5	66.7





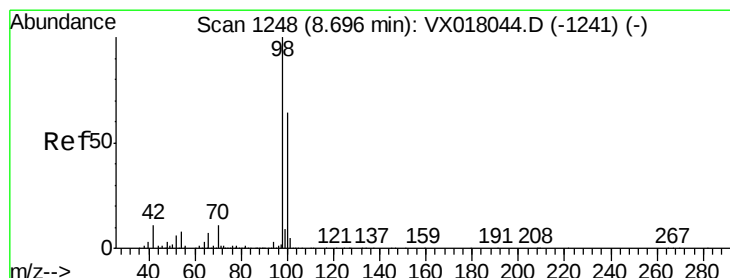
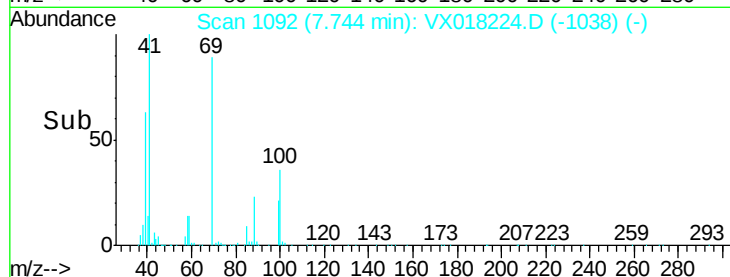
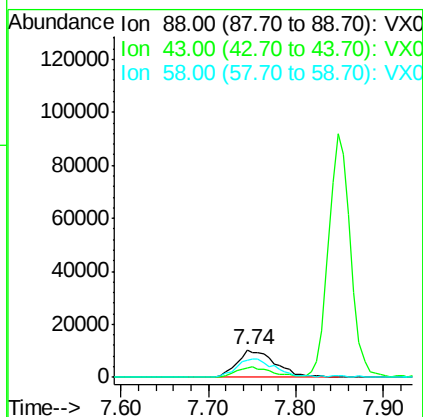
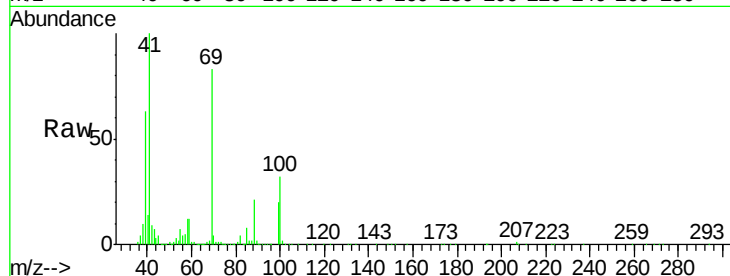
#49
1,4-Dioxane
Concen: 305.795 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.03 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	27.4	41.0
58	65.5	56.4	84.6

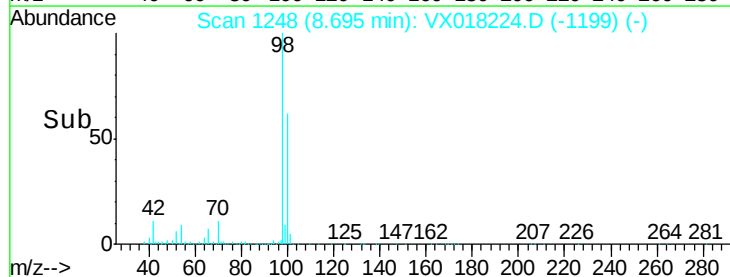
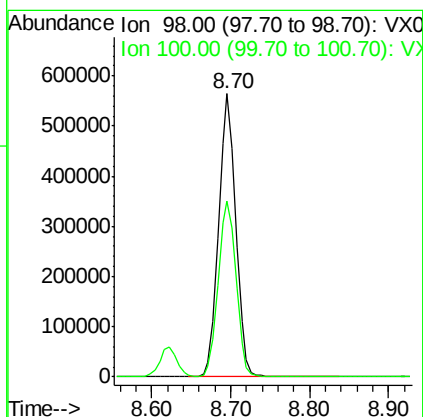
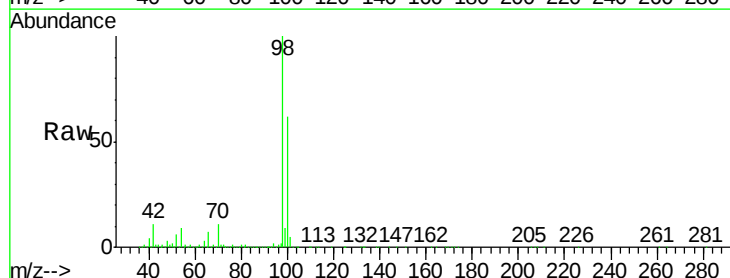
Manual Integrations
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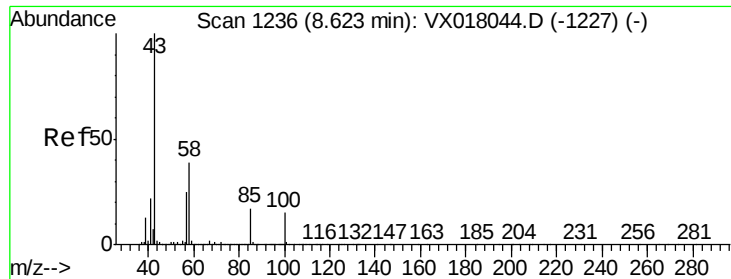
MMDadoda
9/4/2020 9:28:55 AM



#50
Toluene-d8
Concen: 50.906 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 86.338 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 43 Resp: 610515

Ion Ratio Lower Upper

43 100

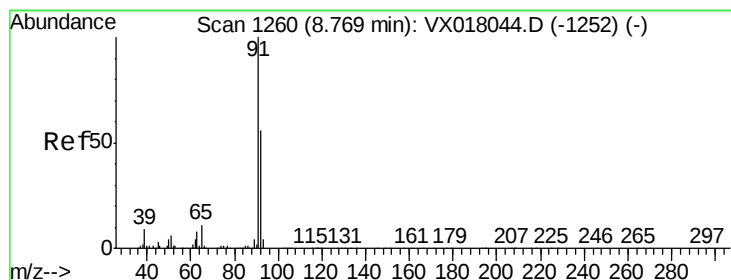
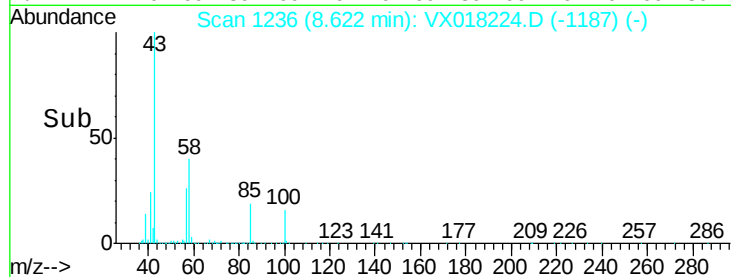
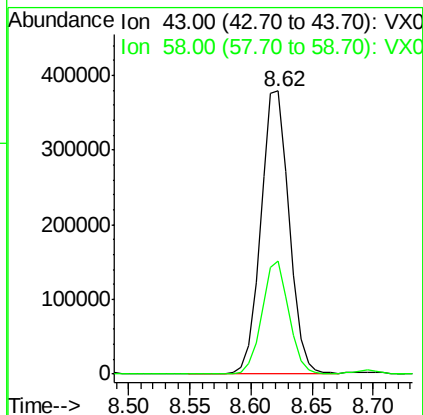
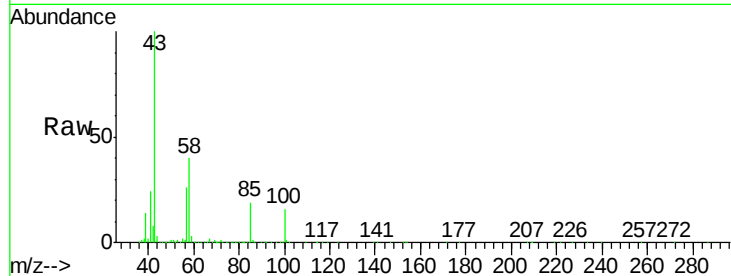
58 38.0 30.7 46.1

Manual Integrations

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MMDadoda

9/4/2020 9:28:55 AM



#52

Toluene

Concen: 19.066 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018224.D

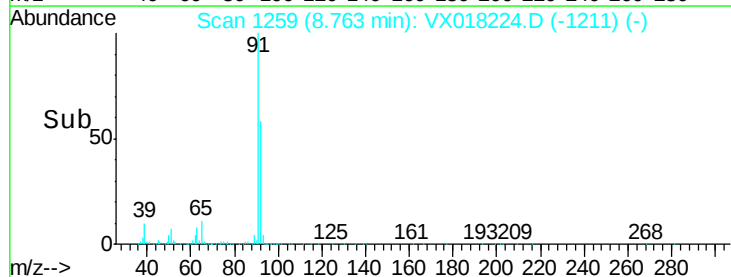
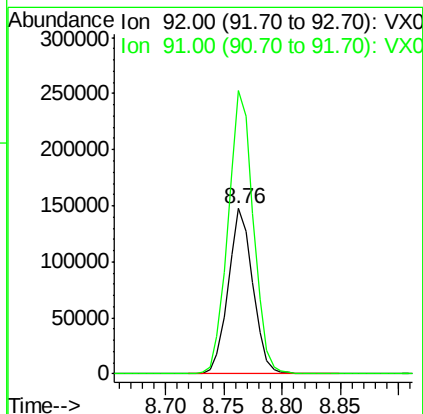
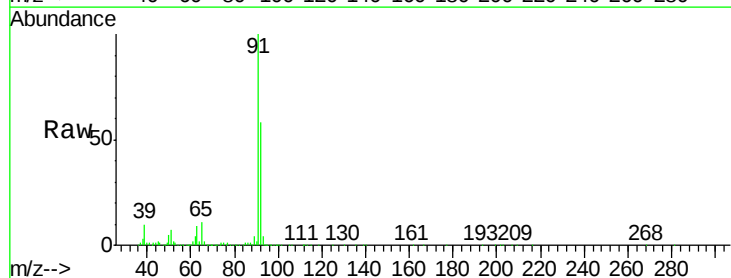
Acq: 03 Sep 2020 11:08

Tgt Ion: 92 Resp: 216778

Ion Ratio Lower Upper

92 100

91 175.5 140.3 210.5





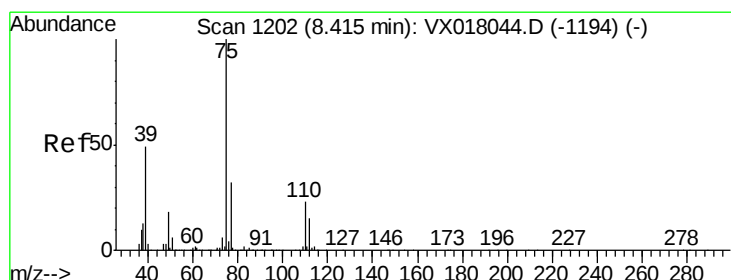
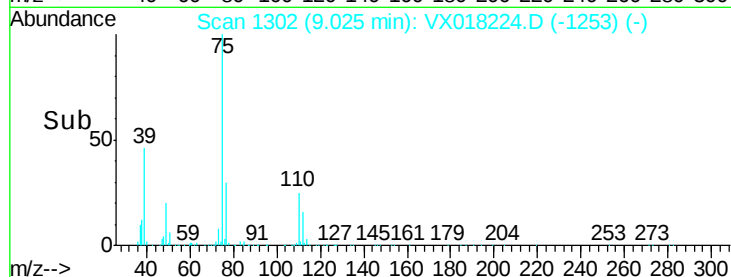
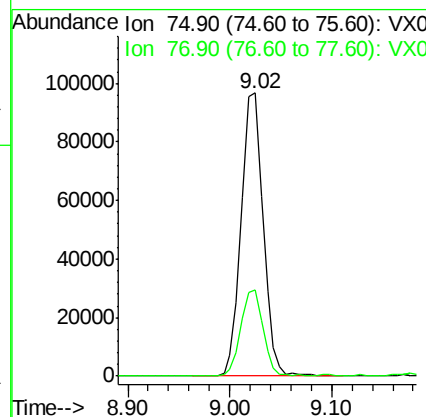
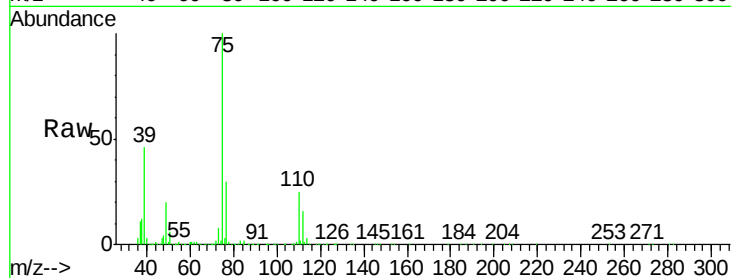
#53
t-1,3-Dichloropropene
Concen: 19.183 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampled :
VX0903WBS01

Tot Ion: 75 Resp: 144267
Ion Ratio Lower Upper
75 100
77 30.1 26.6 39.8

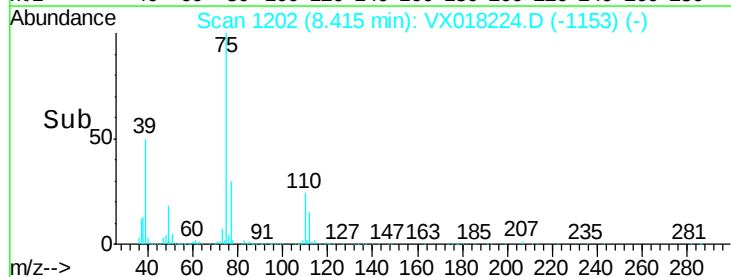
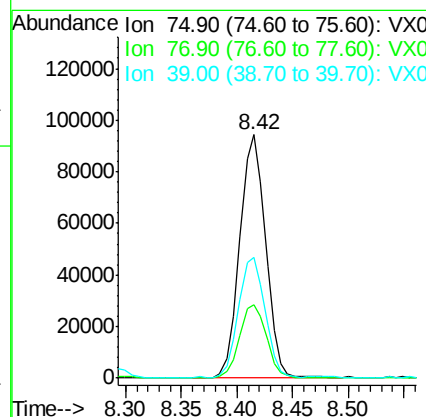
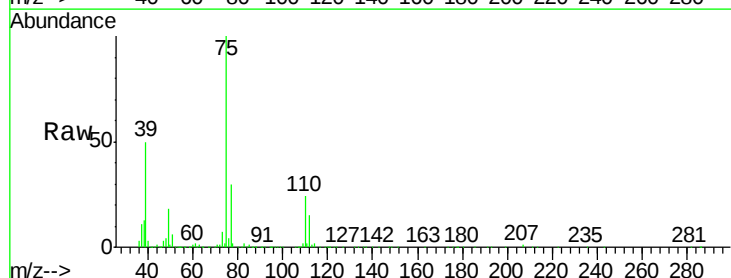
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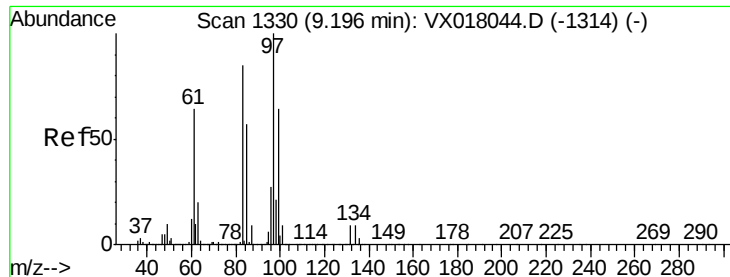
MMDadoda
9/4/2020 9:28:55 AM



#54
cis-1,3-Dichloropropene
Concen: 19.175 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion: 75 Resp: 152758
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8
39 49.4 38.8 58.2





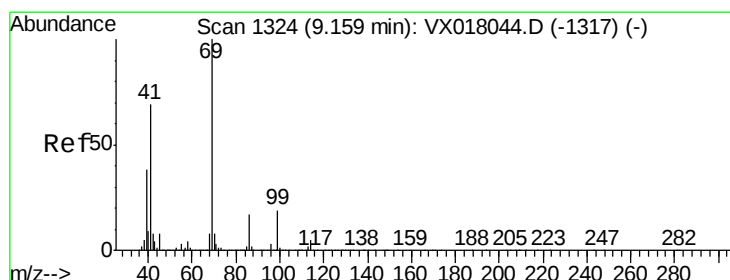
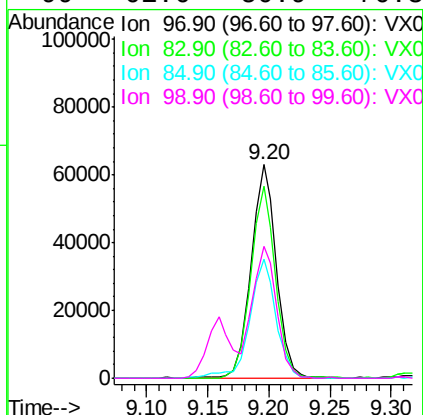
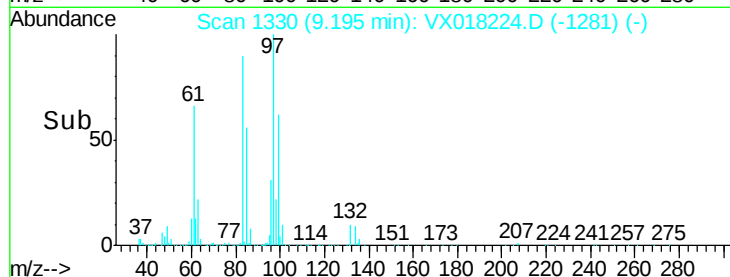
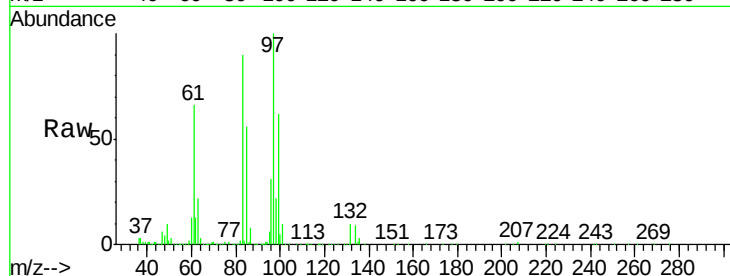
#55
 1,1,2-Trichloroethane
 Concen: 18.770 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.7	67.8	101.6
85	55.7	45.3	67.9
99	61.6	50.9	76.3

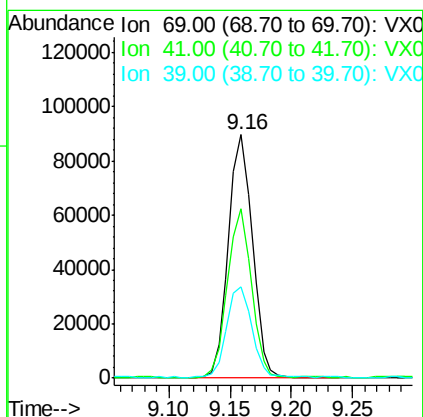
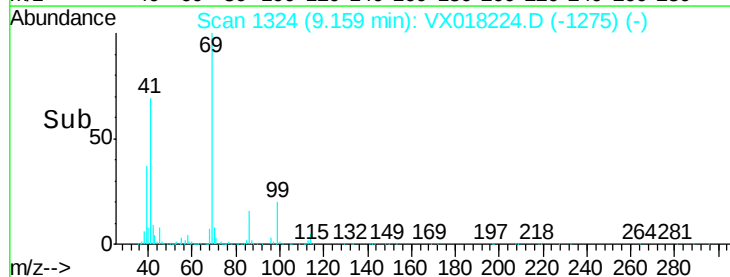
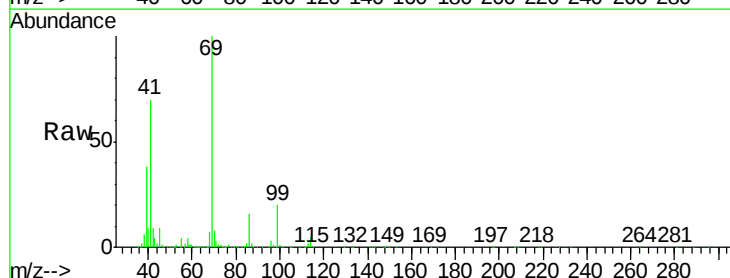
Manual Integrations
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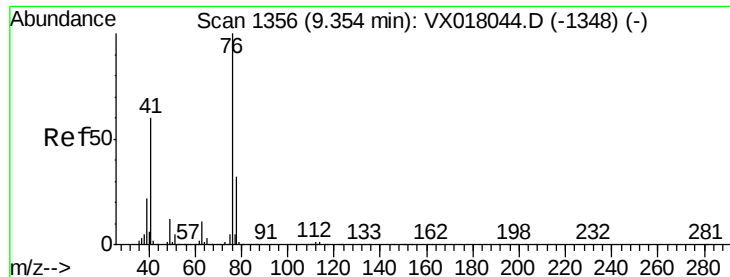
MMDadoda
 9/4/2020 9:28:55 AM



#56
 Ethyl methacrylate
 Concen: 16.995 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.6	81.8
39	38.5	29.1	43.7





#57

1,3-Dichloropropane

Concen: 18.738 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 76 Resp: 149866

Ion Ratio Lower Upper

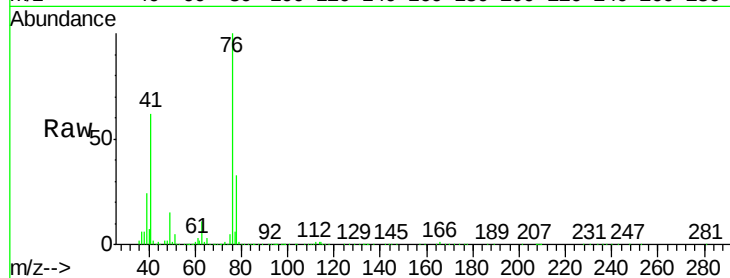
76 100

78 32.5 25.8 38.6

Manual Integrations
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MMDadoda

9/4/2020 9:28:55 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

120000

100000

80000

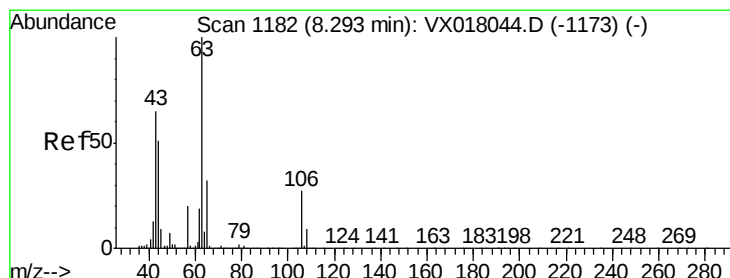
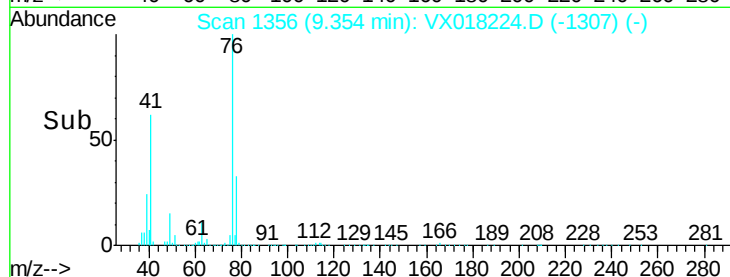
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 80.045 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018224.D

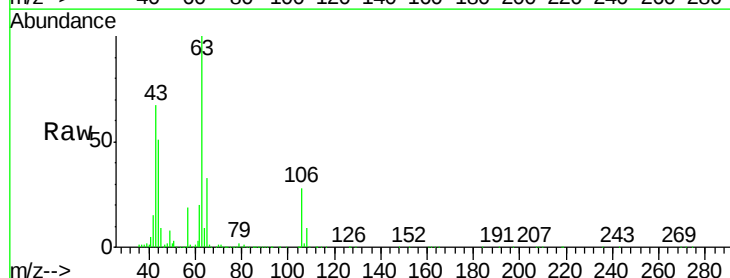
Acq: 03 Sep 2020 11:08

Tgt Ion: 63 Resp: 259573

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

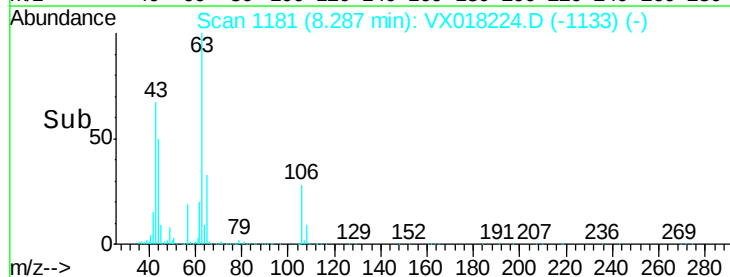
150000

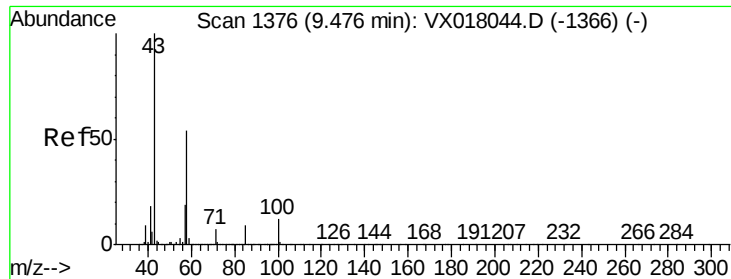
100000

50000

0

Time-->





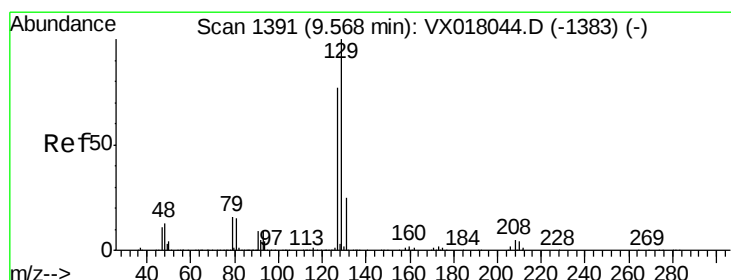
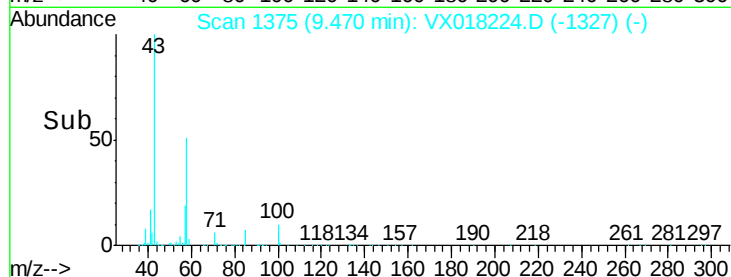
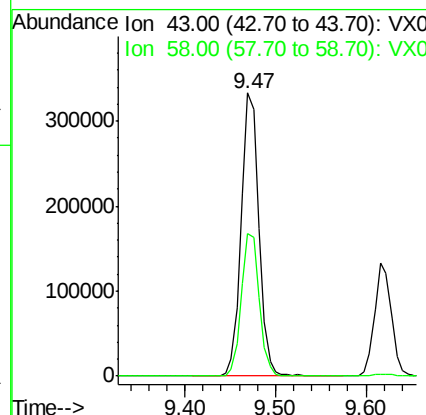
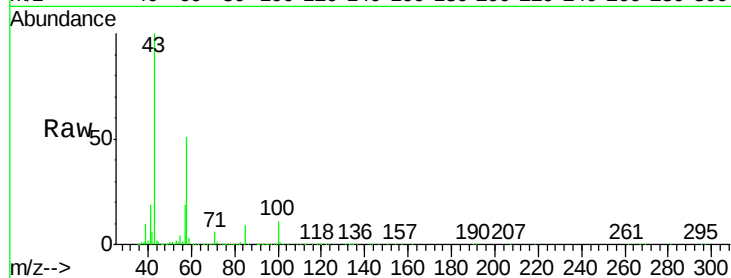
#59
2-Hexanone
Concen: 84.059 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion: 43 Resp: 451970
Ion Ratio Lower Upper
43 100
58 51.5 26.6 79.7

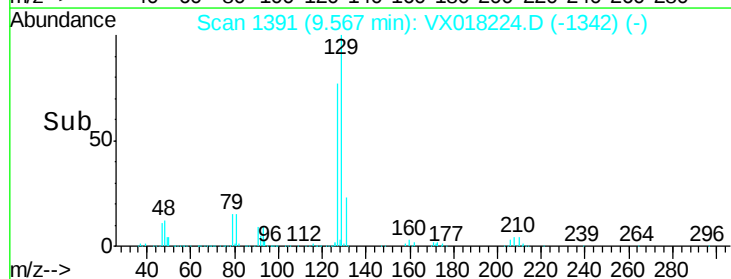
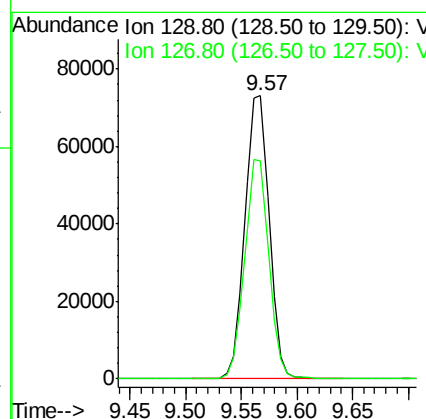
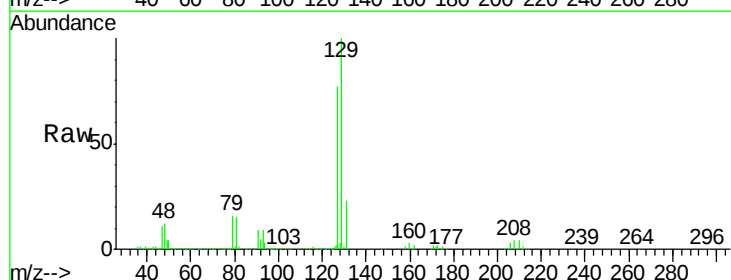
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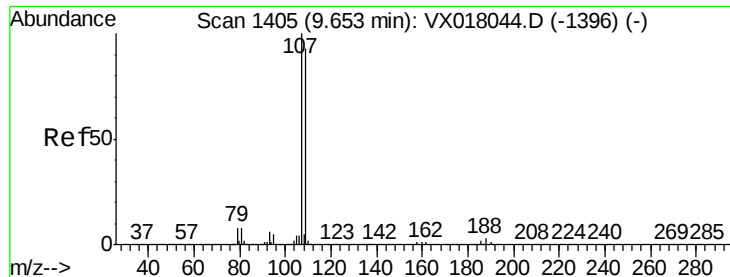
MMDadoda
9/4/2020 9:28:55 AM



#60
Dibromochloromethane
Concen: 19.518 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion: 129 Resp: 111029
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.490 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 107 Resp: 97341

Ion Ratio Lower Upper

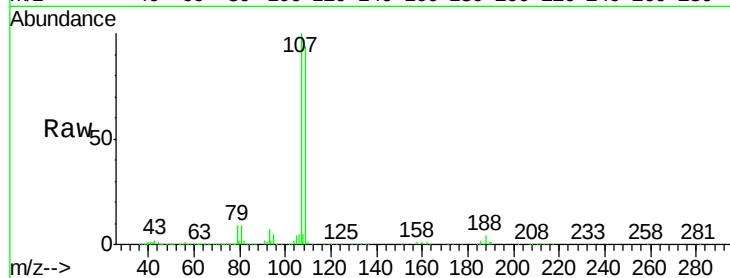
107 100

109 96.3 75.9 113.9

Manual Integrations
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9/4/2020 9:28:55 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

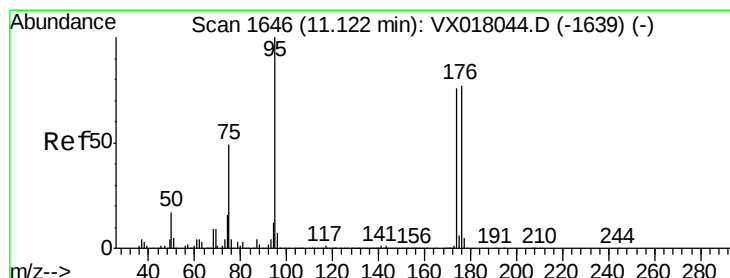
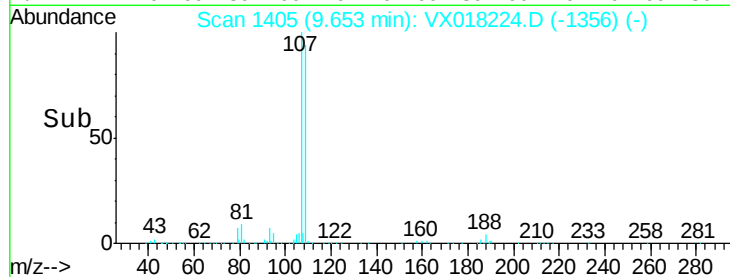
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.597 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

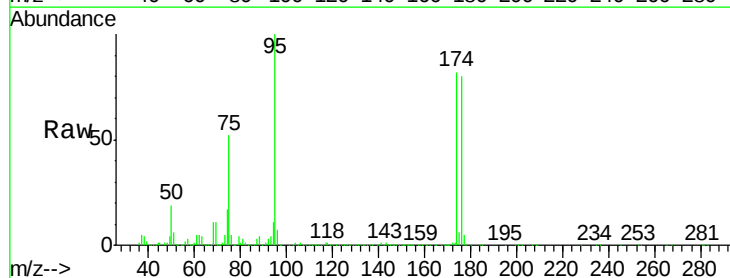
Tgt Ion: 95 Resp: 320875

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 77.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

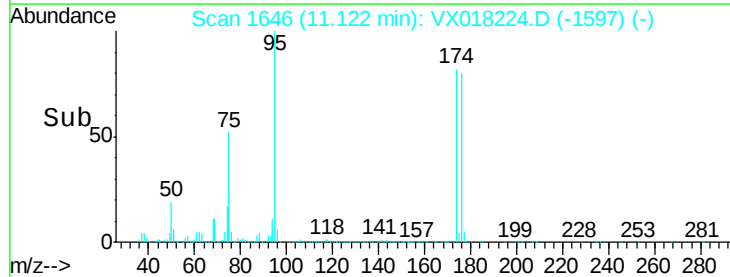
300000

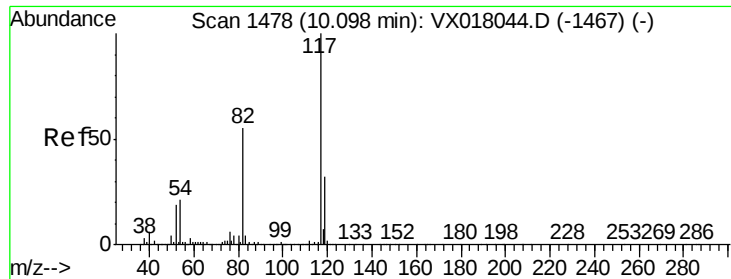
200000

100000

0

Time-->





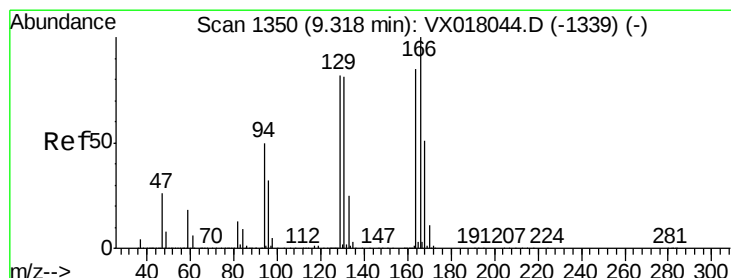
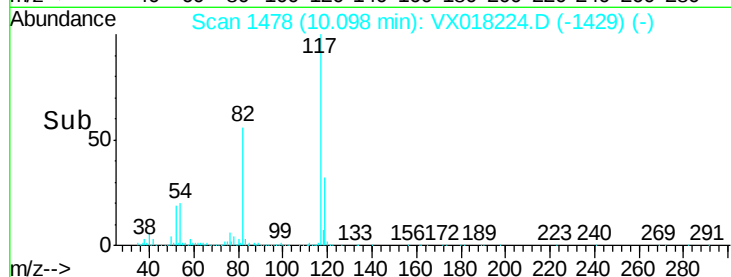
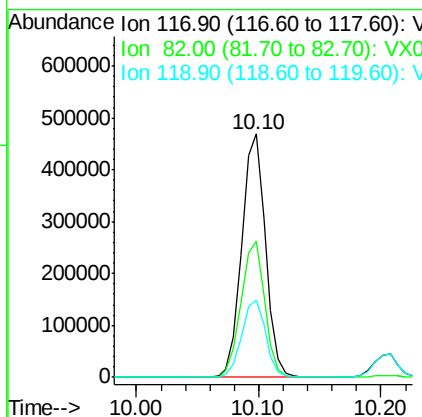
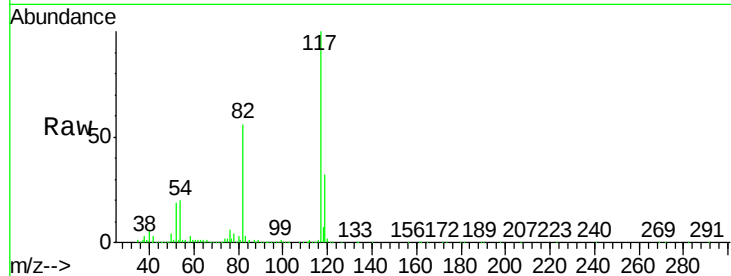
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	31.8	25.7	38.5

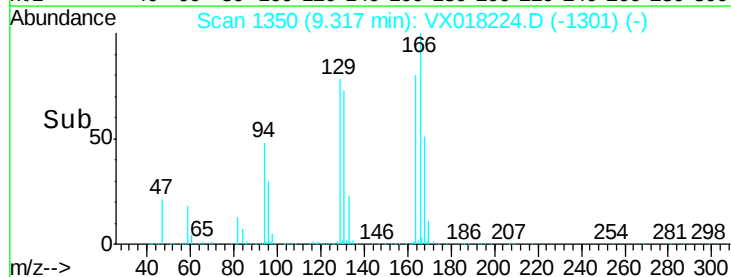
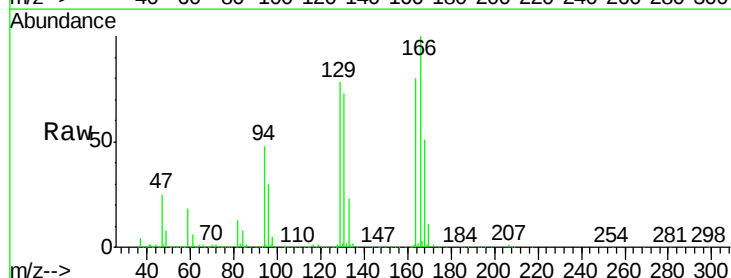
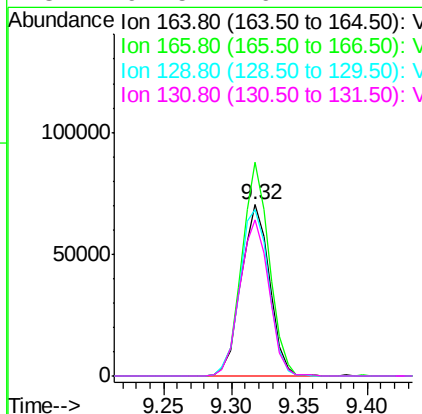
Manual Integrations
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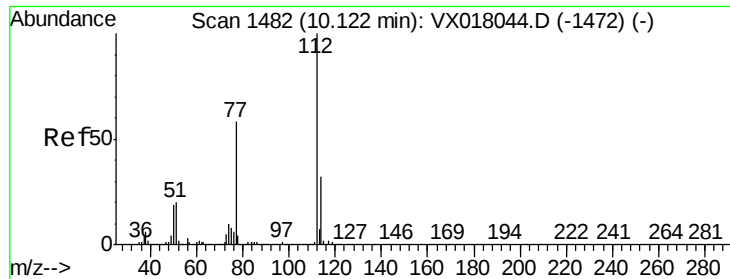
MMDadoda
9/4/2020 9:28:55 AM



#64
Tetrachloroethene
Concen: 22.292 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	94.2	141.2
129	96.7	76.9	115.3
131	91.5	76.1	114.1





#65

Chlorobenzene

Concen: 19.374 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion:112 Resp: 242828

Ion Ratio Lower Upper

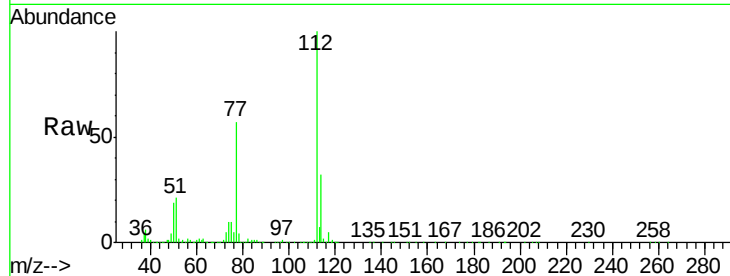
112 100

114 31.7 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

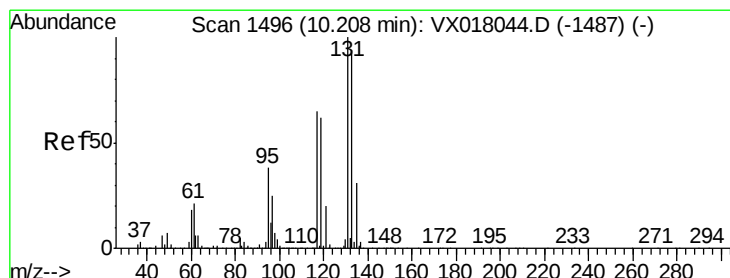
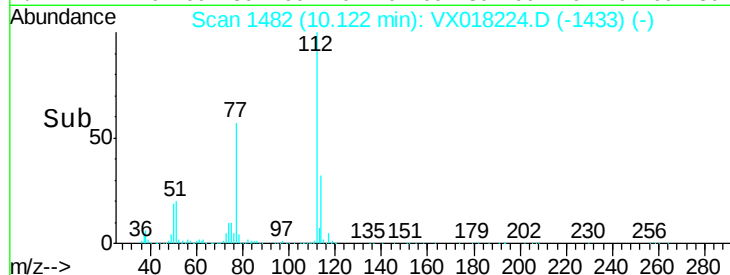
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.390 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

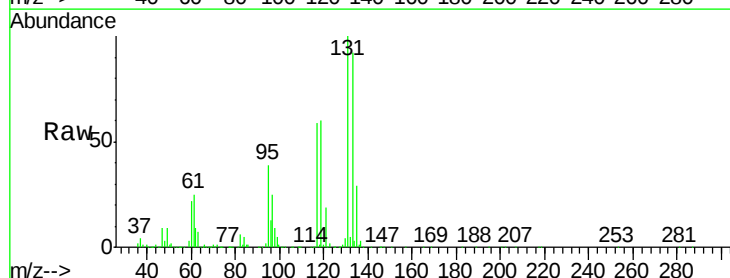
Tgt Ion:131 Resp: 100722

Ion Ratio Lower Upper

131 100

133 93.7 46.7 140.1

119 61.4 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.20

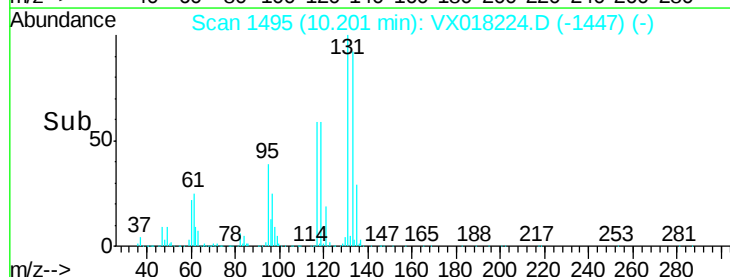
150000

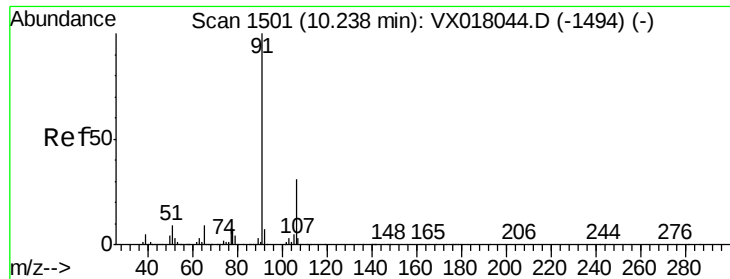
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 18.728 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampled :

VX0903WBS01

Tot Ion: 91 Resp: 399173

Ion Ratio Lower Upper

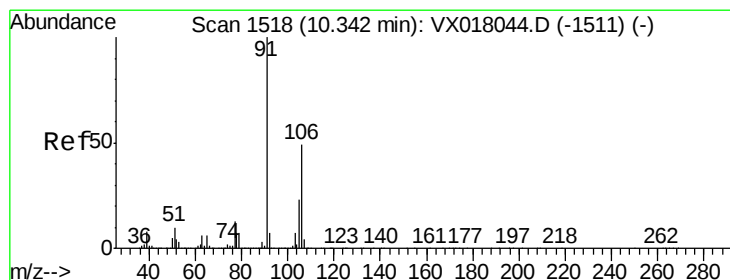
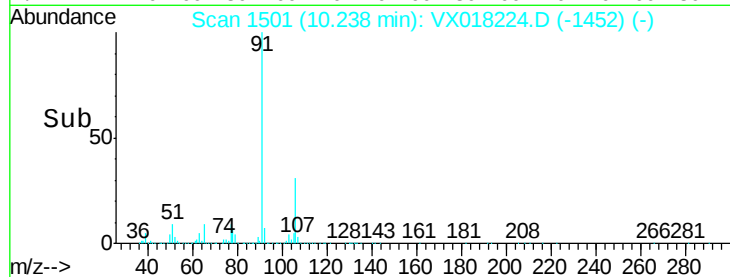
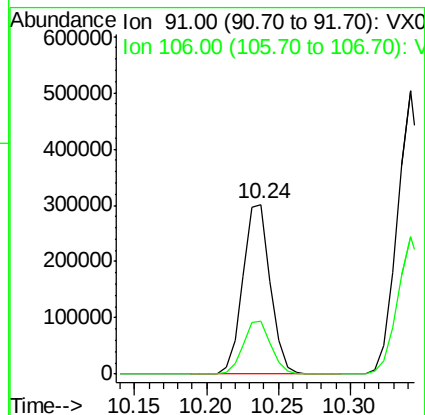
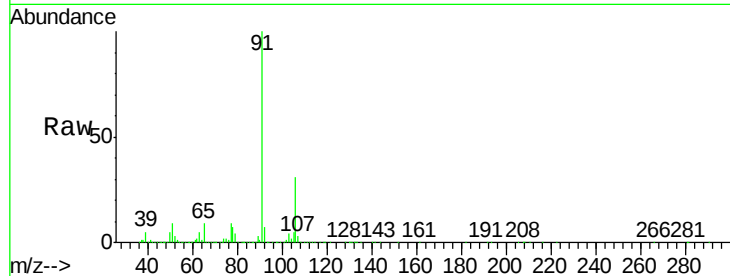
91 100

106 31.1 24.9 37.3

Manual Integrations
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9/4/2020 9:28:55 AM



#68

m/p-Xylenes

Concen: 39.700 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018224.D

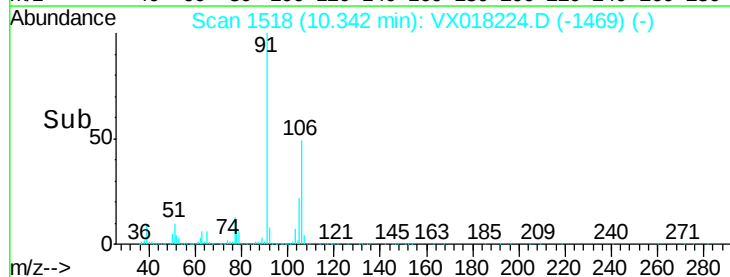
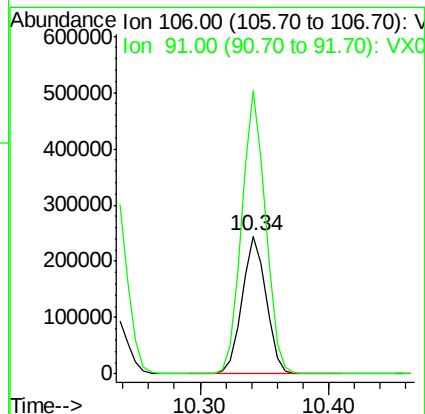
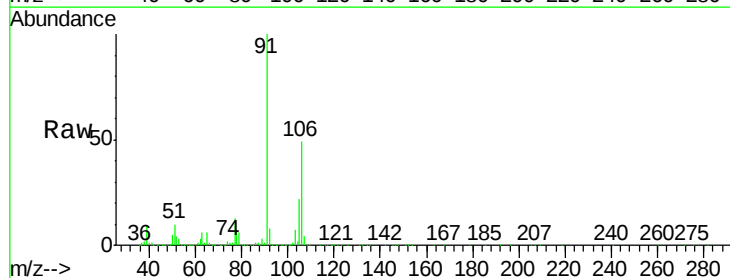
Acq: 03 Sep 2020 11:08

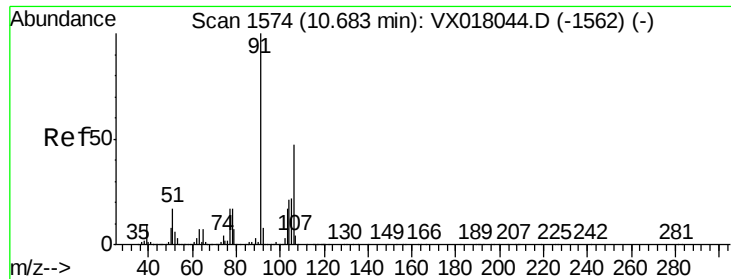
Tgt Ion: 106 Resp: 315837

Ion Ratio Lower Upper

106 100

91 203.5 162.2 243.2





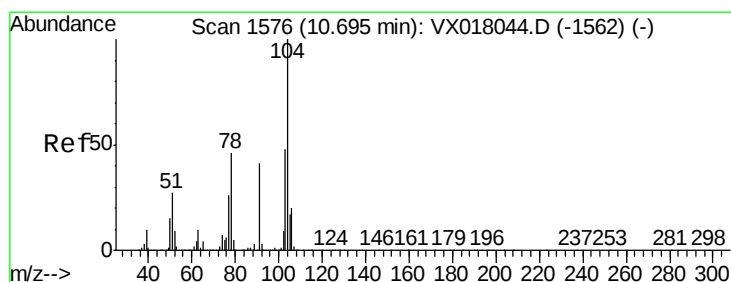
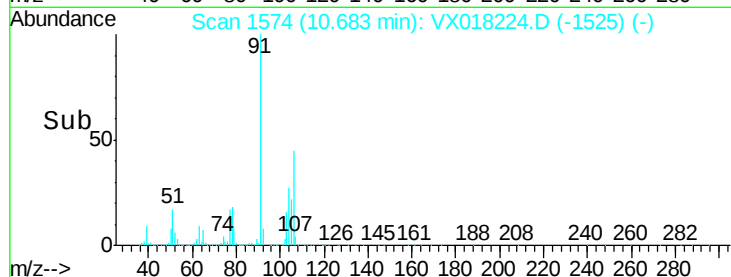
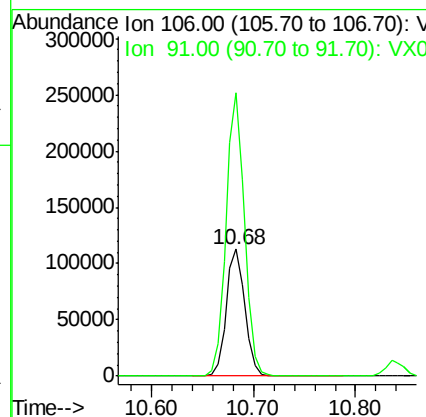
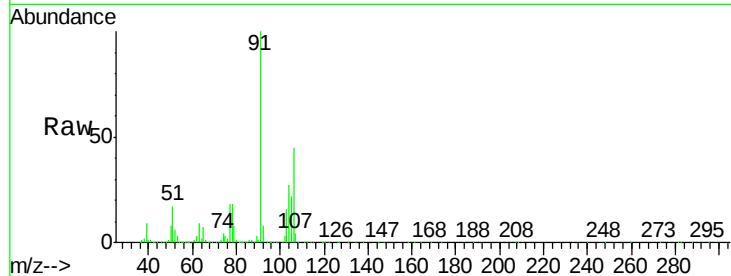
#69
o-Xylene
Concen: 18.634 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampled :
VX0903WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	107.1	321.3

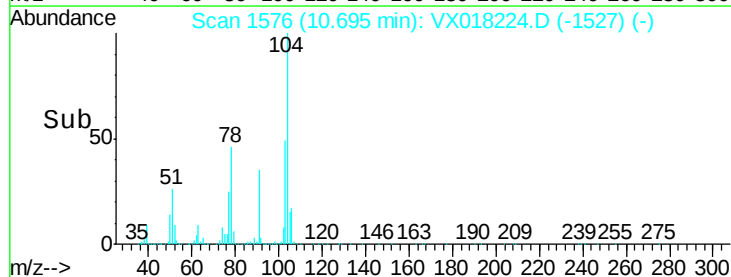
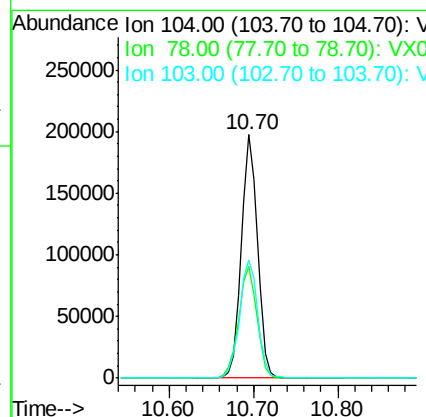
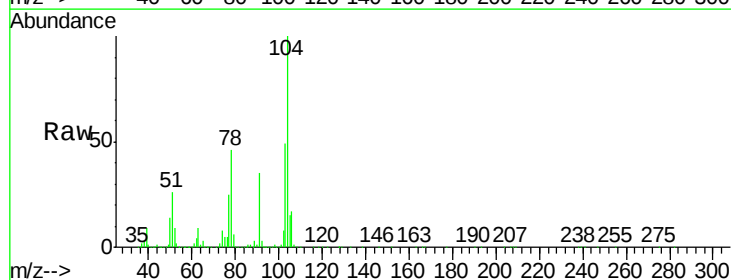
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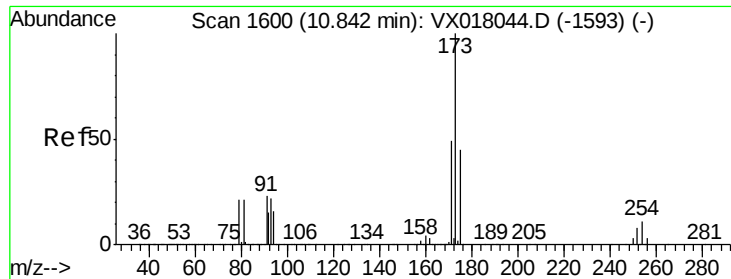
MMDadoda
9/4/2020 9:28:55 AM



#70
Styrene
Concen: 19.424 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	40.9	61.3
103	54.6	43.6	65.4





#71

Bromoform

Concen: 19.167 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion:173 Resp: 80760

Ion Ratio Lower Upper

173 100

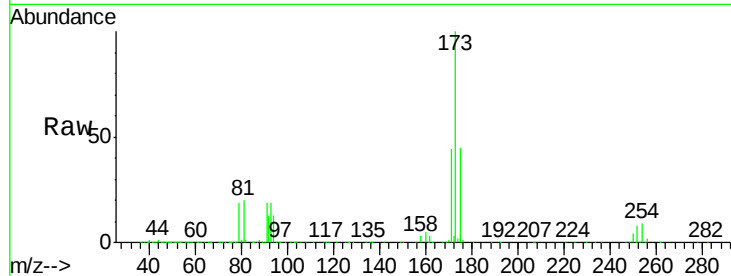
175 50.1 23.9 71.8

254 0.2 0.2 0.2#

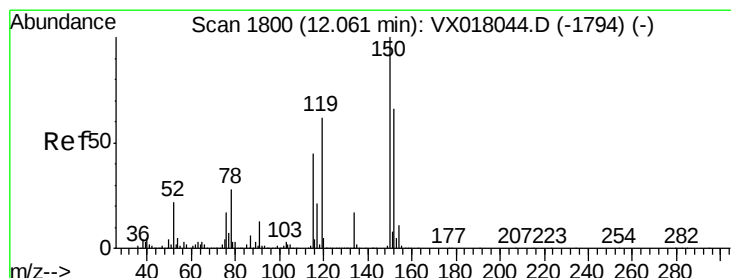
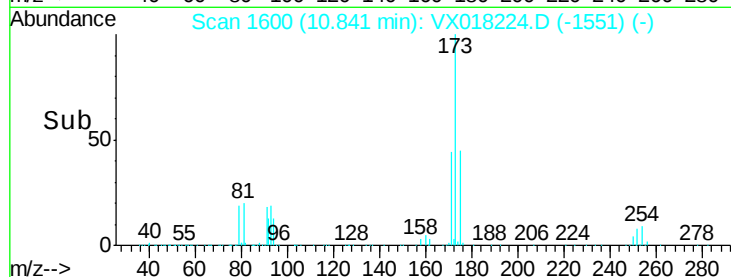
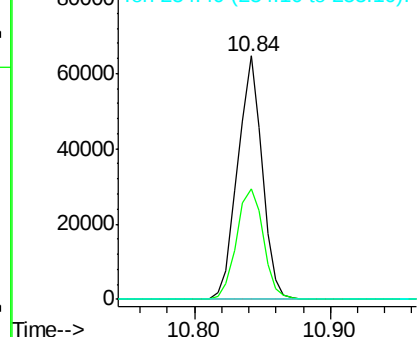
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

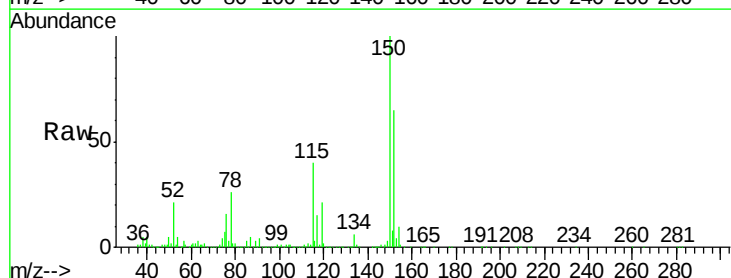
Tgt Ion:152 Resp: 341140

Ion Ratio Lower Upper

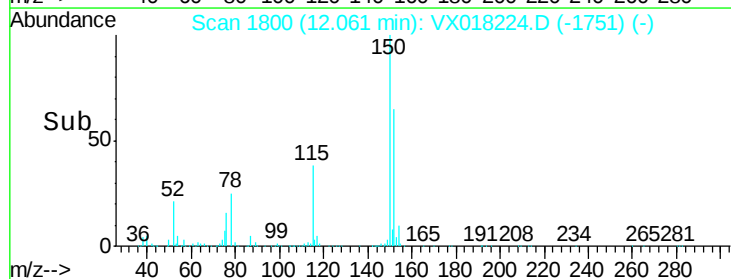
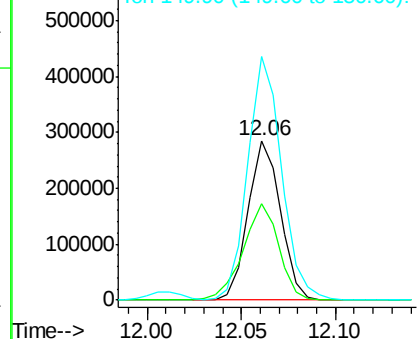
152 100

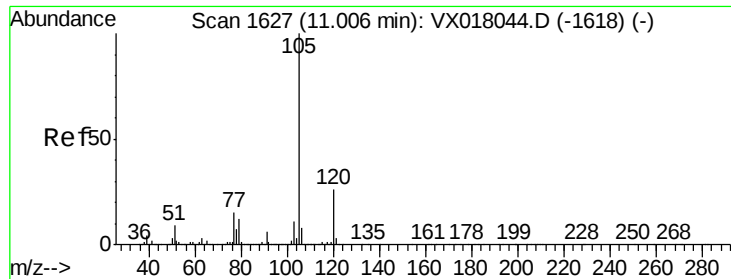
115 66.2 41.5 124.5

150 159.6 0.0 343.8



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





#73

Isopropylbenzene

Concen: 18.112 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 105 Resp: 407546

Ion Ratio Lower Upper

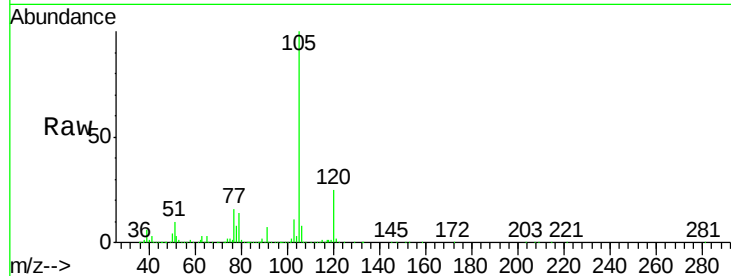
105 100

120 26.1 13.2 39.5

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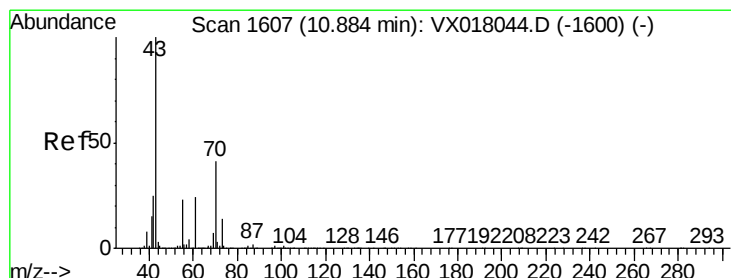
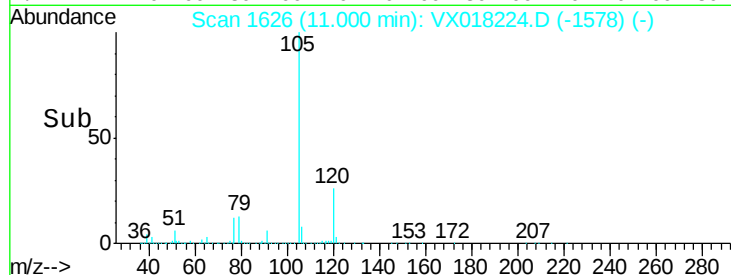
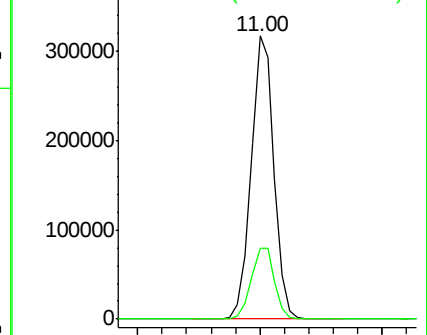
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.114 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion: 43 Resp: 161363

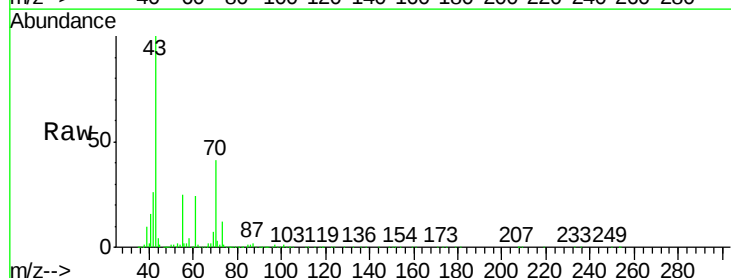
Ion Ratio Lower Upper

43 100

70 41.1 32.3 48.5

55 24.5 18.2 27.2

61 24.5 18.9 28.3

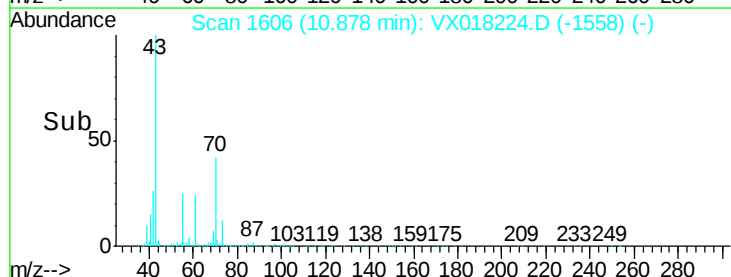
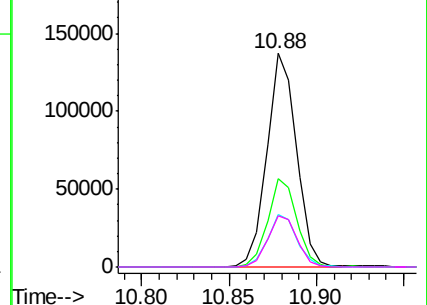


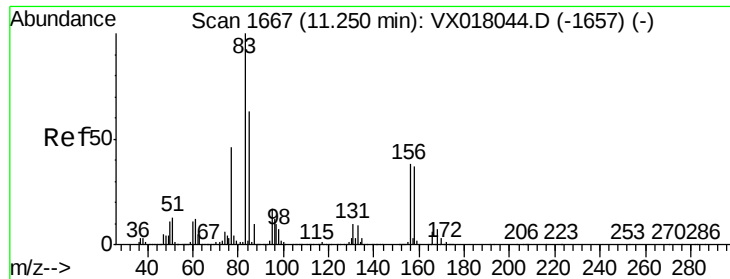
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.773 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

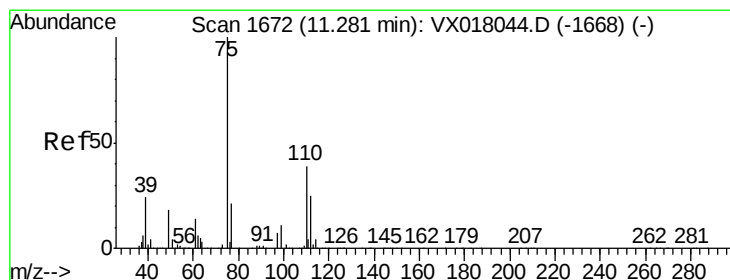
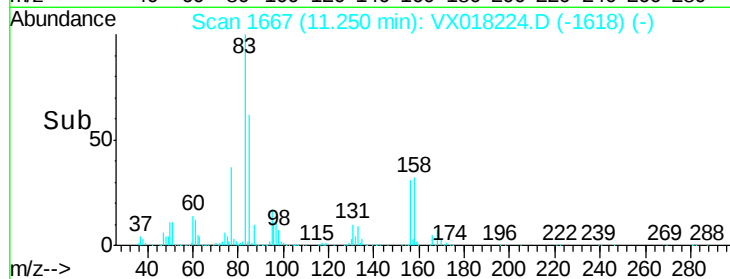
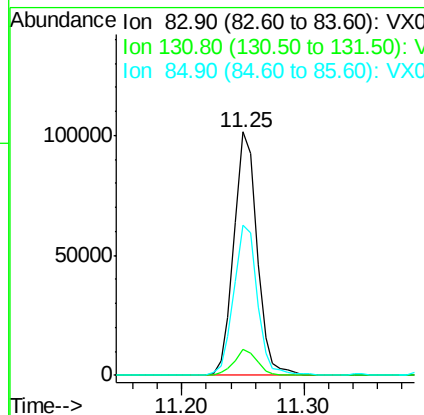
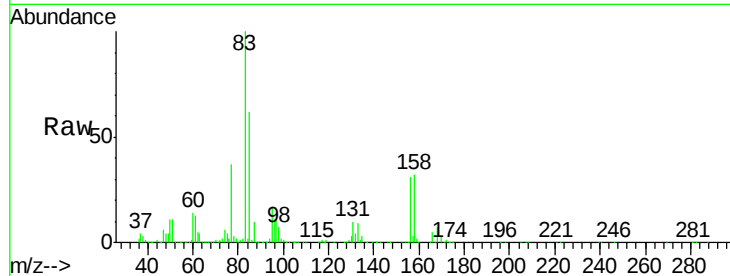
ClientSampled :

VX0903WBS01

Tot Ion:	83	Resp:	133144
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.0	32.2	96.6

Manual Integrations
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9/4/2020 9:28:55 AM



#76

1,2,3-Trichloropropane

Concen: 16.659 ug/l m

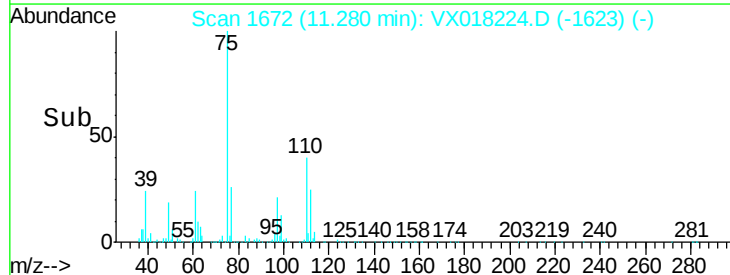
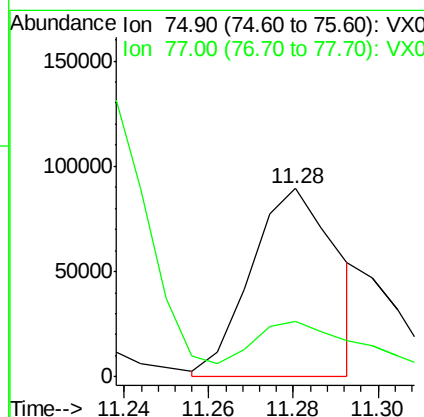
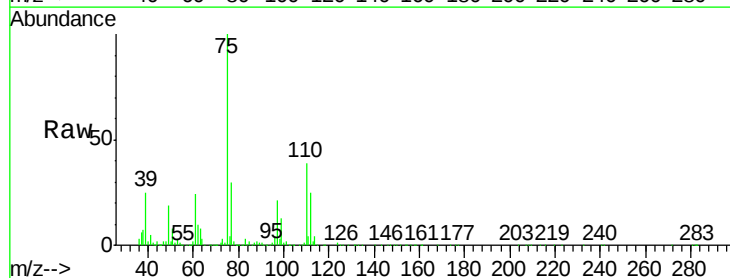
RT: 11.28 min Scan# 1672

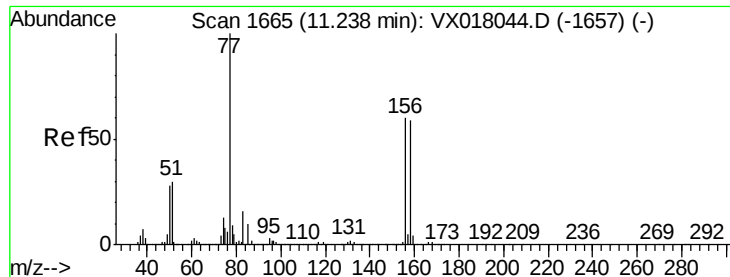
Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	75	Resp:	126424
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.8	62.2





#77

Bromobenzene

Concen: 16.661 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

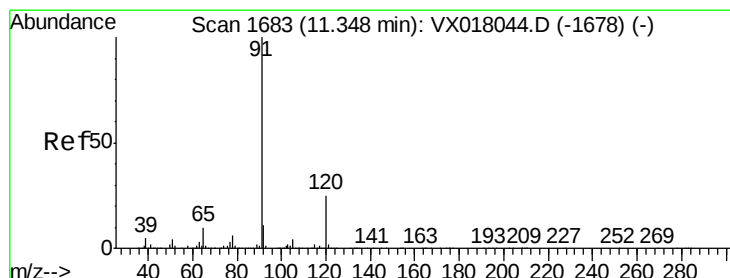
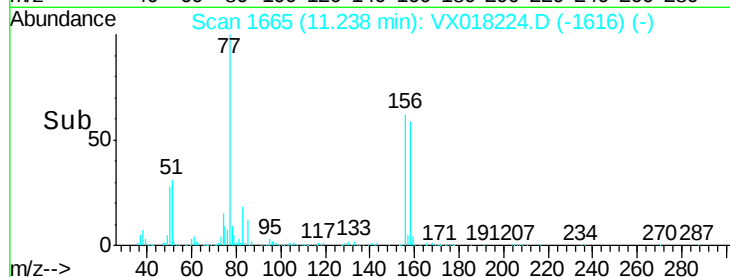
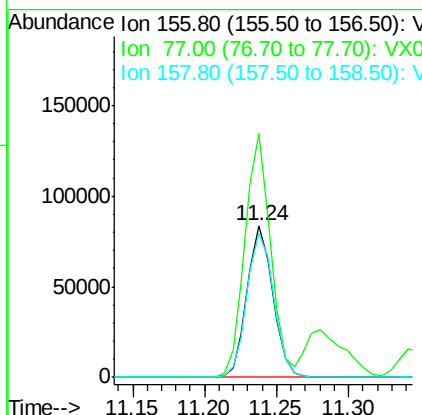
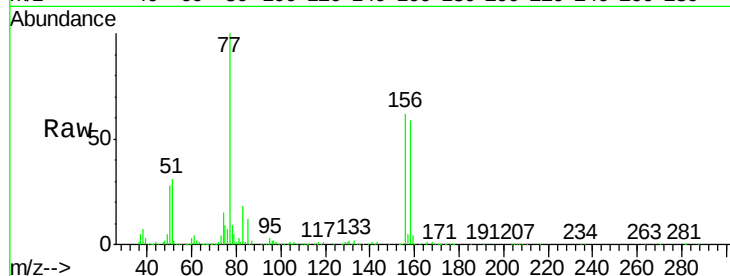
ClientSampleId :

VX0903WBS01

Tot Ion:	156	Resp:	103634
Ion Ratio	Lower	Upper	
156	100		
77	160.5	80.0	240.2
158	98.8	49.5	148.7

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#78

n-propylbenzene

Concen: 18.034 ug/l

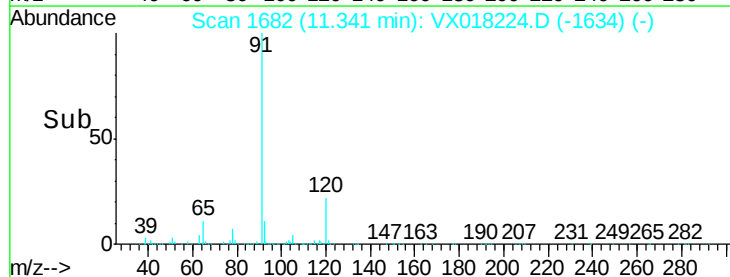
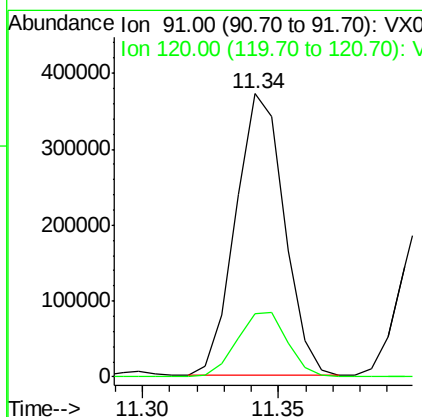
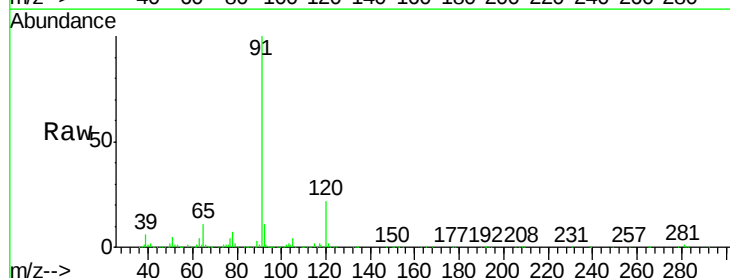
RT: 11.34 min Scan# 1682

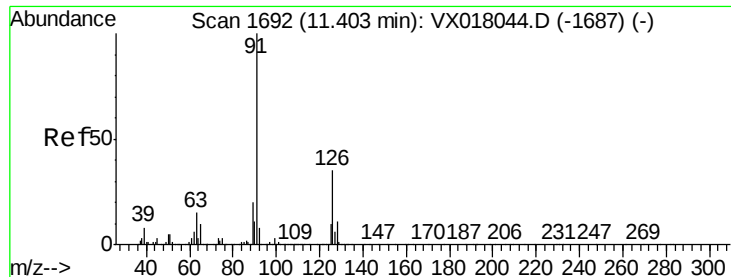
Delta R.T. -0.01 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	91	Resp:	460757
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 17.982 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBS01

Tot Ion: 91 Resp: 283857

Ion Ratio Lower Upper

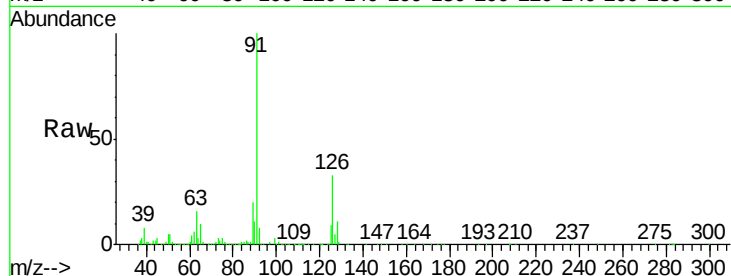
91 100

126 33.5 17.4 52.2

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Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX018044.D (-1687) (-)

400000

300000

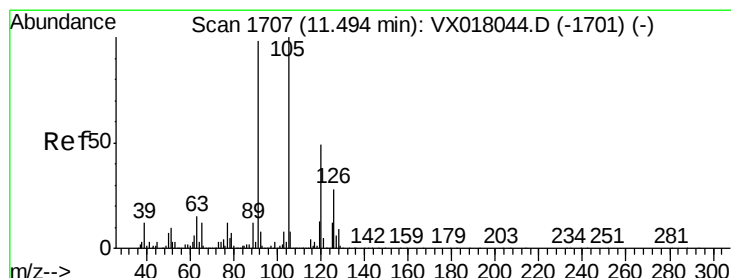
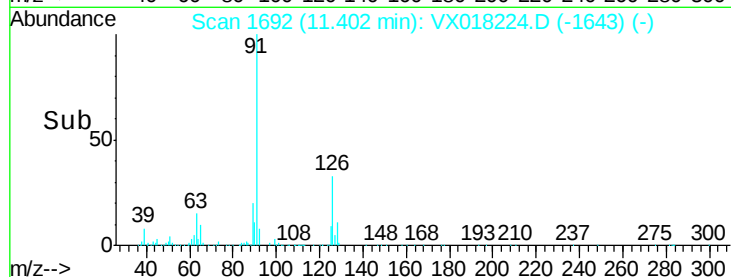
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.040 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018224.D

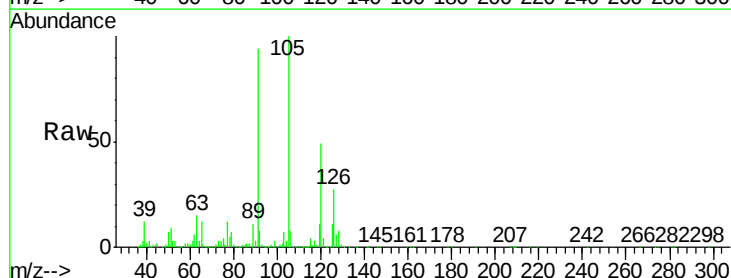
Acq: 03 Sep 2020 11:08

Tgt Ion: 105 Resp: 352077

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018044.D (-1701) (-)

300000

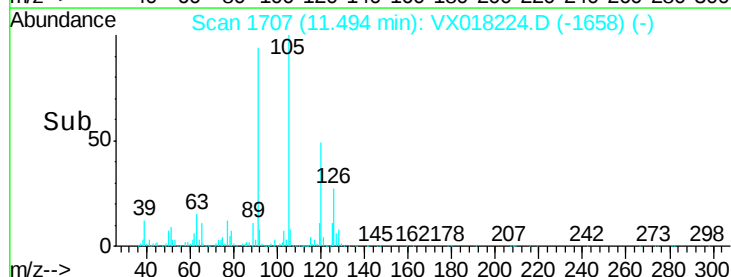
200000

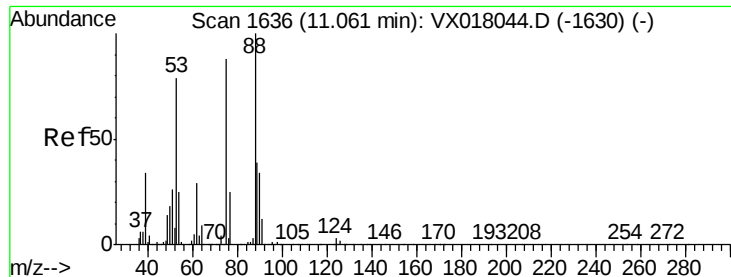
100000

0

11.40 11.50

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.283 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

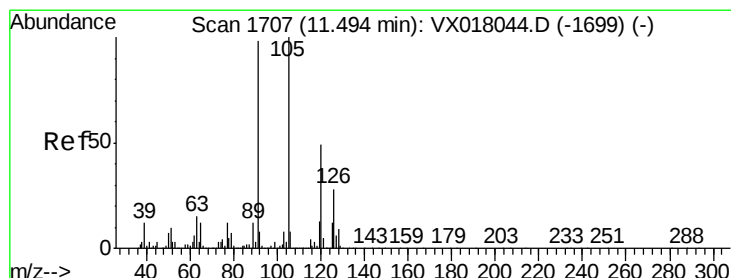
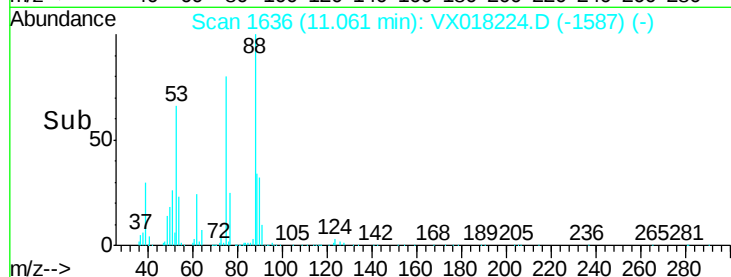
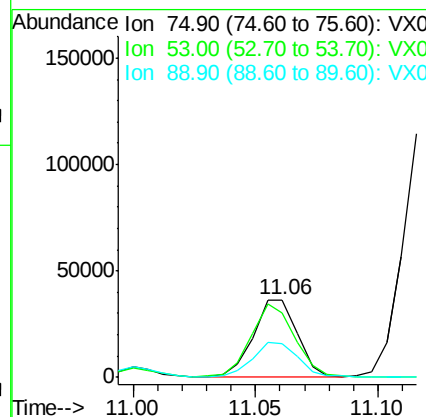
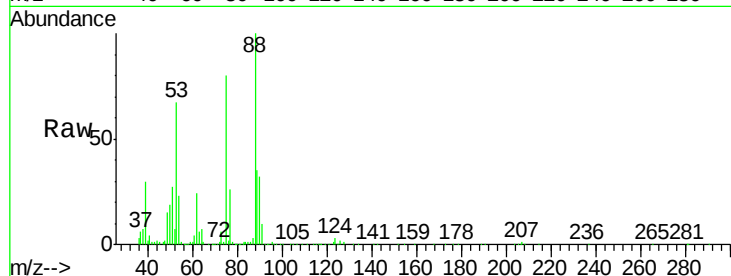
ClientSampleId :

VX0903WBS01

Tot Ion:	75	Resp:	45751
Ion	Ratio	Lower	Upper
75	100		
53	92.1	74.7	112.1
89	46.4	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.796 ug/l

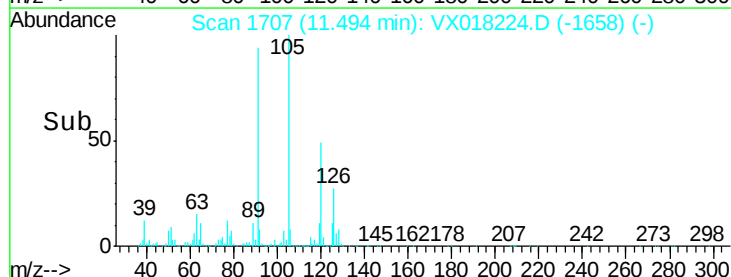
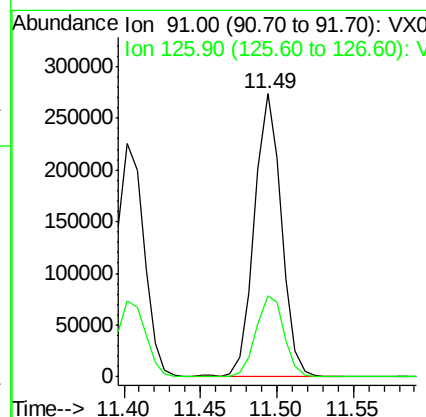
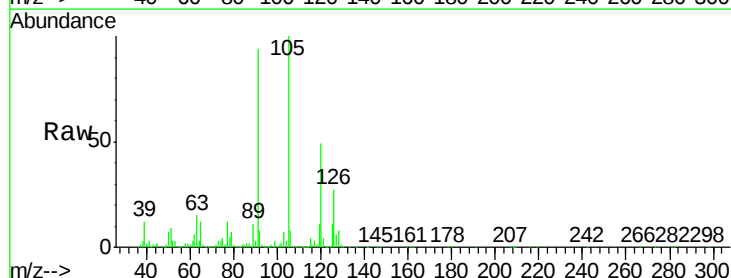
RT: 11.49 min Scan# 1707

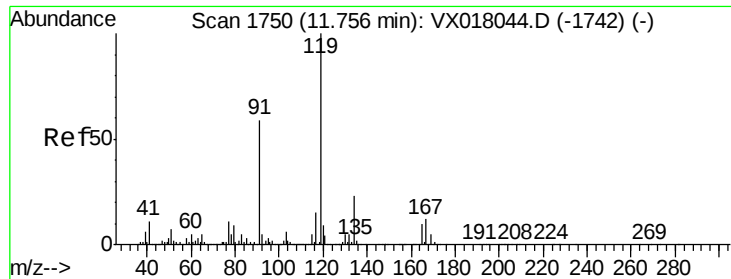
Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	91	Resp:	333945
Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.1	45.3





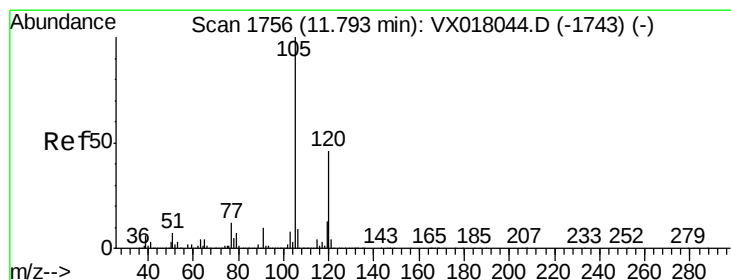
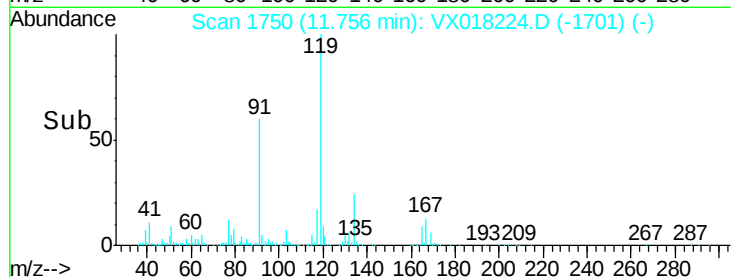
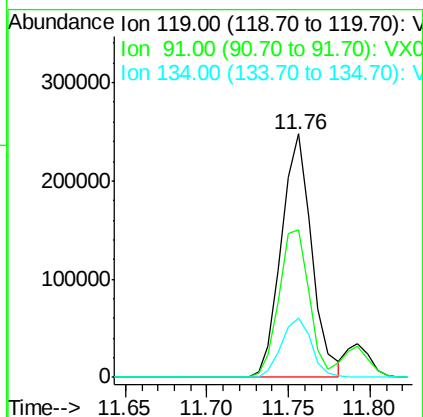
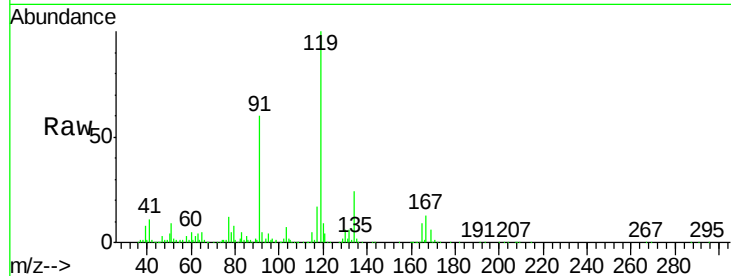
#83
tert-Butylbenzene
Concen: 17.432 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	318095		
91	60.2	28.2	84.7	
134	24.0	11.3	33.8	

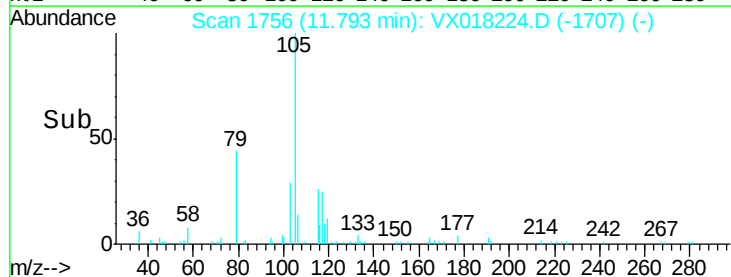
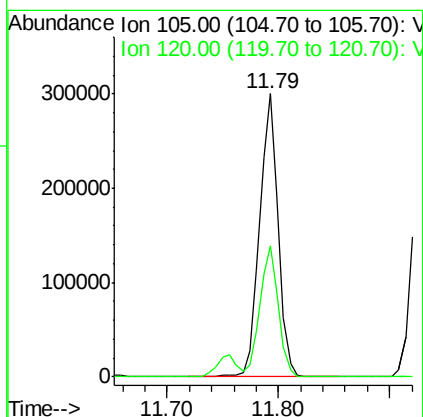
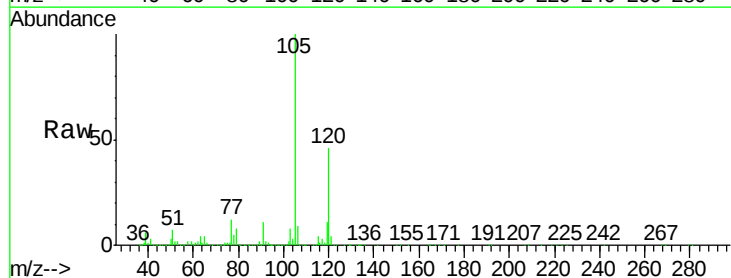
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.475 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	349276		
120	45.9	22.3	66.9	





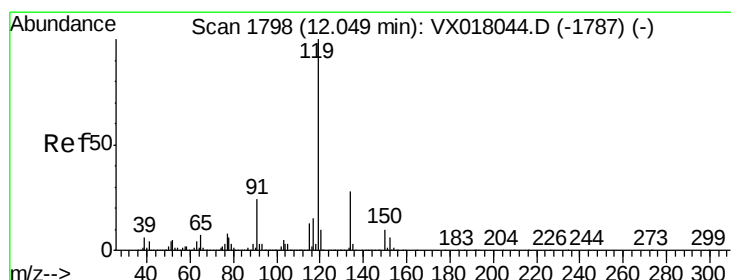
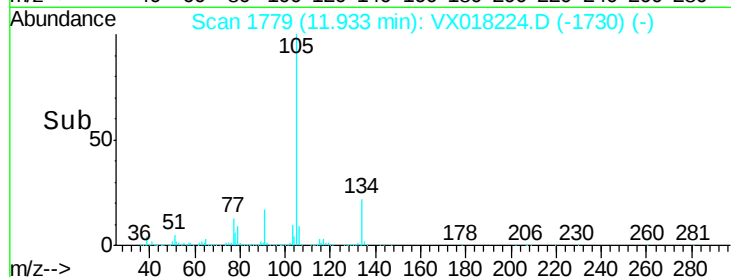
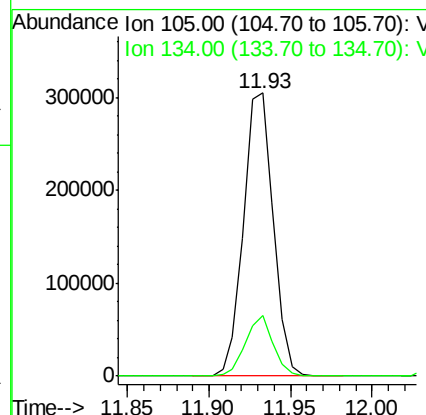
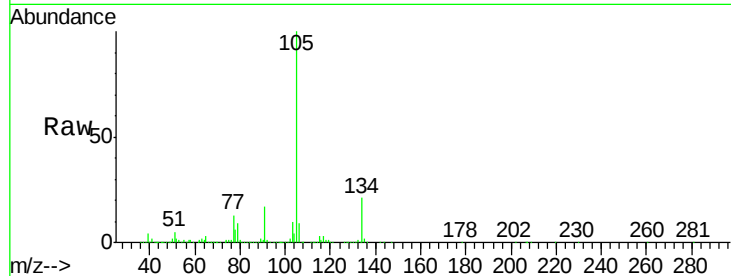
#85
 sec-Butylbenzene
 Concen: 18.705 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	388170		
134	19.9	10.1	30.3	

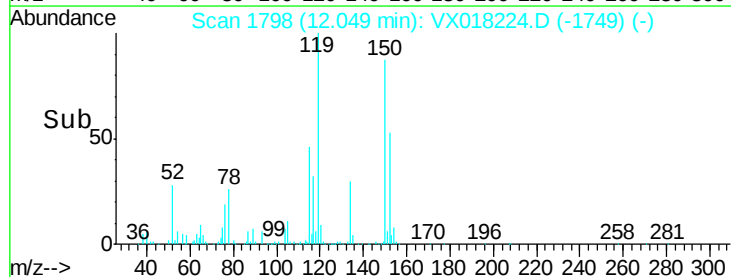
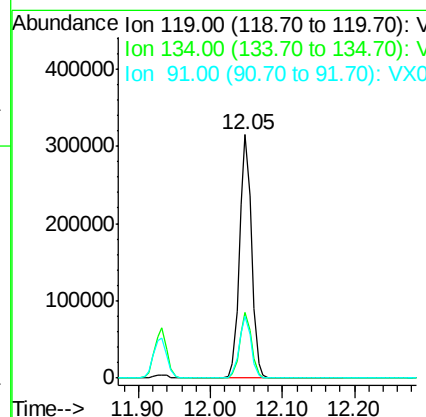
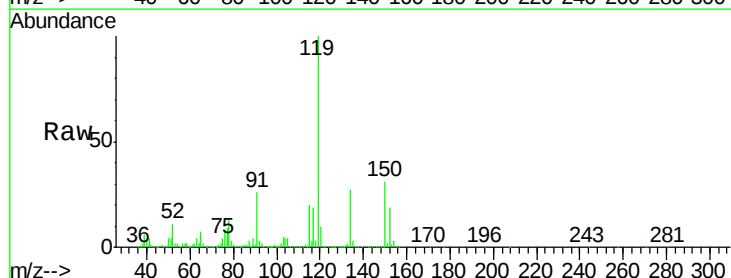
Manual Integrations
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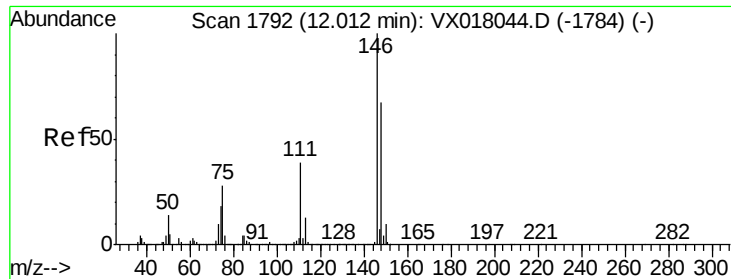
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#86
 p-Isopropyltoluene
 Concen: 19.256 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	367053		
134	26.4	13.2	39.5	
91	25.0	11.8	35.4	





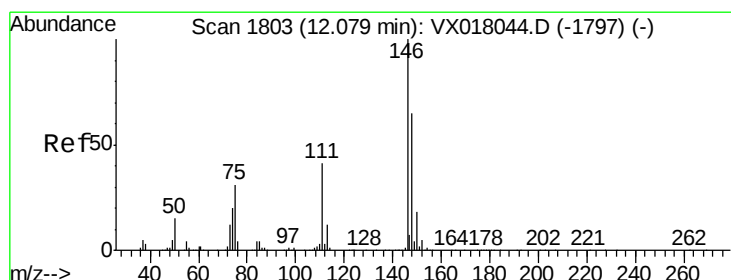
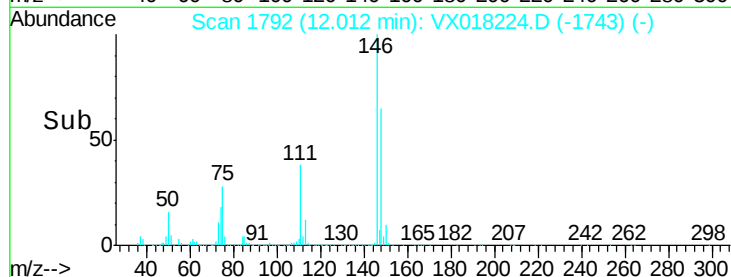
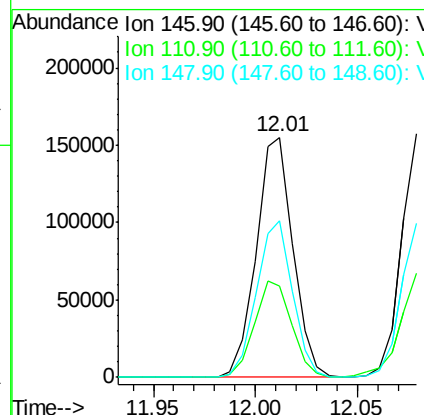
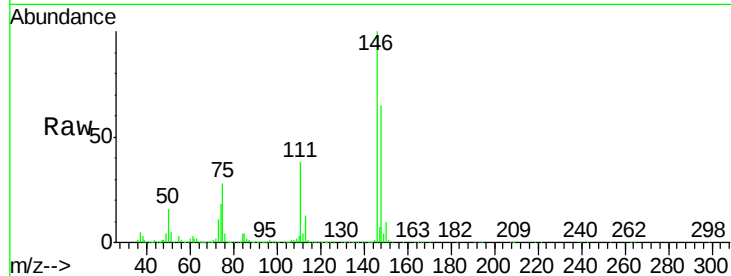
#87
 1,3-Dichlorobenzene
 Concen: 17.793 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	64.1	33.1	99.2

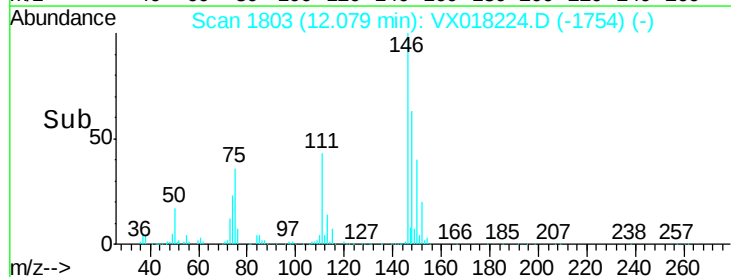
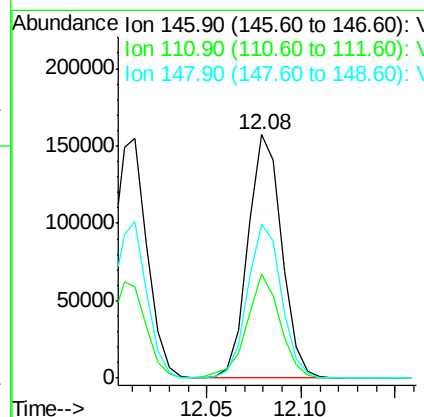
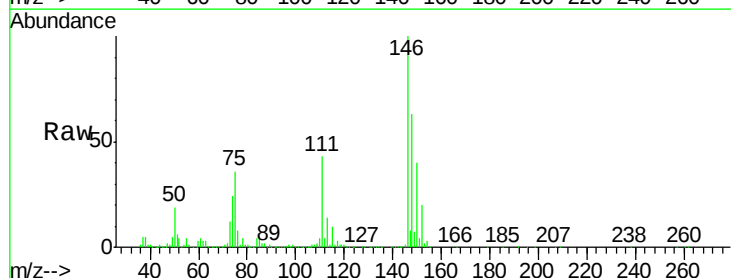
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#88
 1,4-Dichlorobenzene
 Concen: 17.809 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	60.8
148	64.1	33.1	99.2





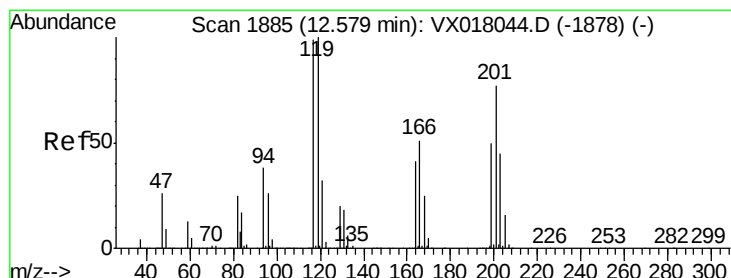
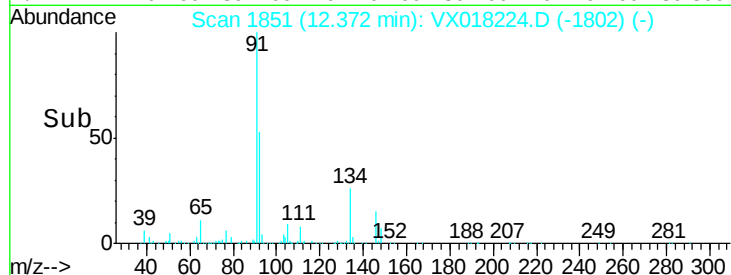
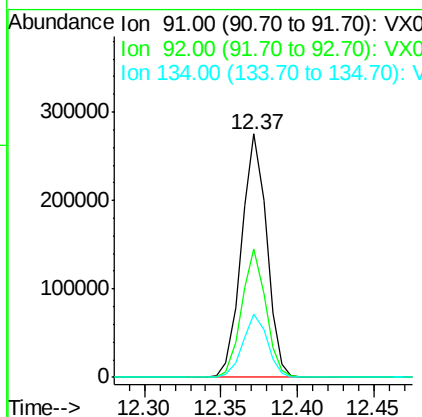
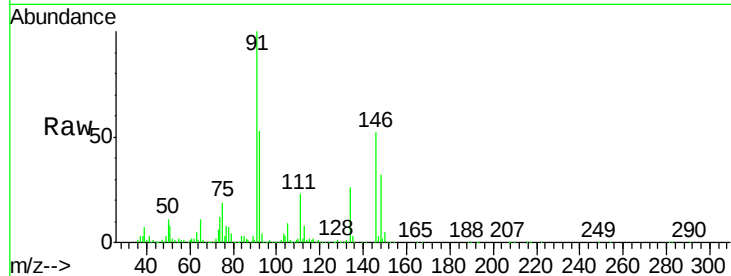
#89
n-Butylbenzene
Concen: 18.027 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion:	91	Resp:	313631
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.4	79.2
134	25.7	12.9	38.7

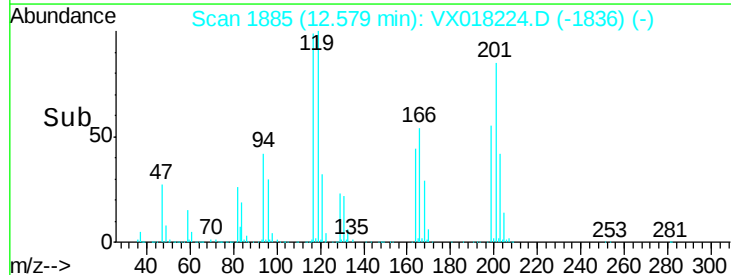
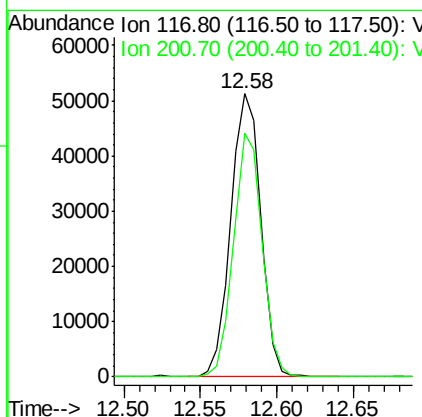
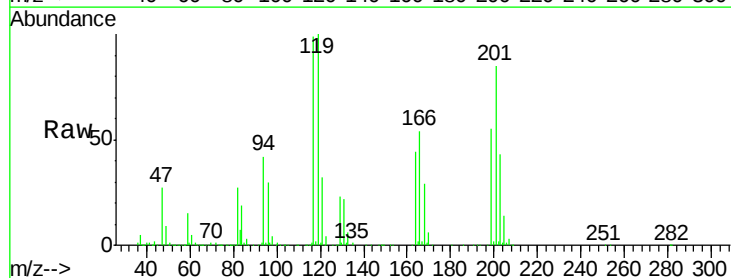
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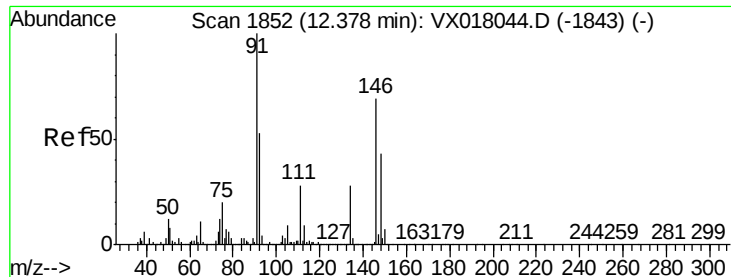
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#90
Hexachloroethane
Concen: 18.554 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion:	117	Resp:	69585
Ion Ratio	Lower	Upper	
117	100		
201	81.8	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 18.180 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Instrument :

MSVOA_X

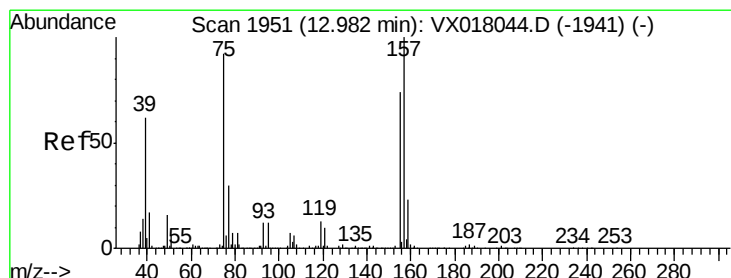
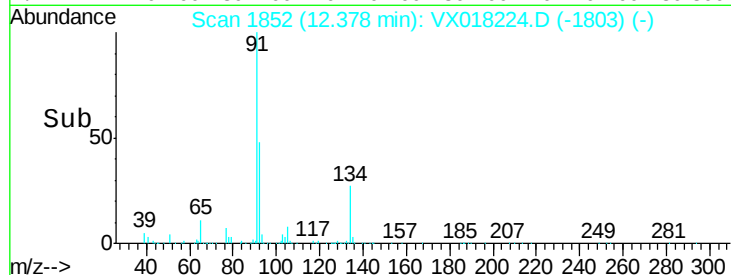
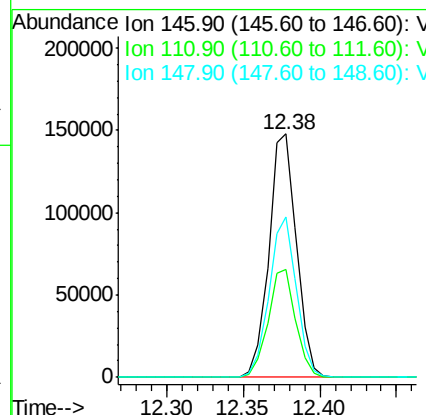
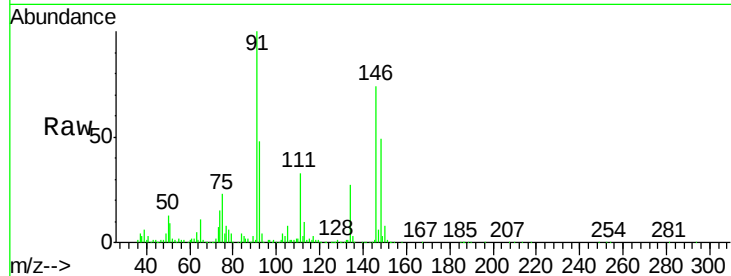
ClientSampleId :

VX0903WBS01

Tot Ion:	146	Resp:	186882
Ion Ratio	Lower	Upper	
146	100		
111	44.2	20.8	62.5
148	65.2	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.290 ug/l

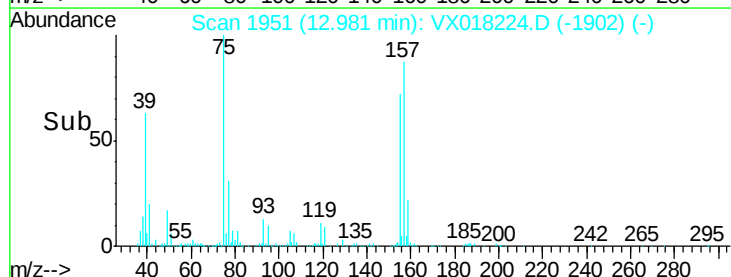
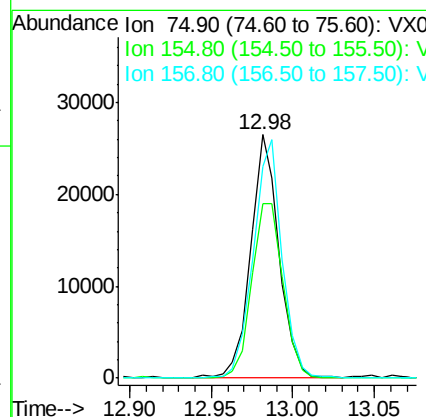
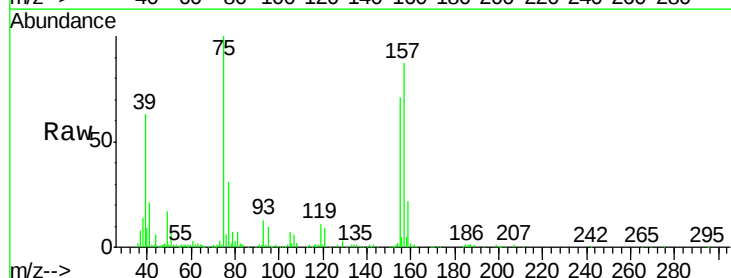
RT: 12.98 min Scan# 1951

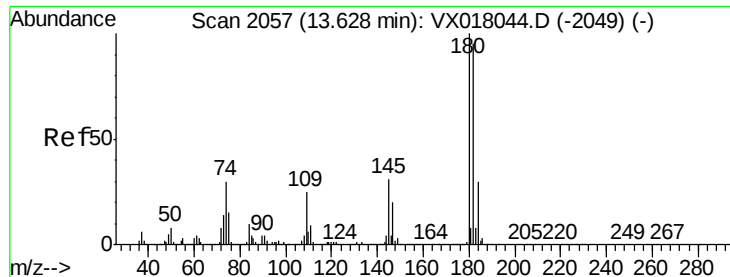
Delta R.T. -0.00 min

Lab File: VX018224.D

Acq: 03 Sep 2020 11:08

Tgt Ion:	75	Resp:	32333
Ion Ratio	Lower	Upper	
75	100		
155	78.7	40.2	120.6
157	98.8	55.0	165.2





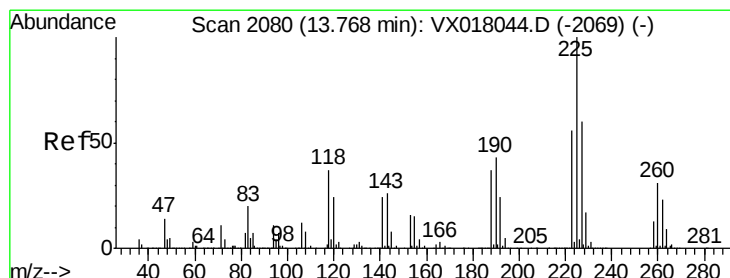
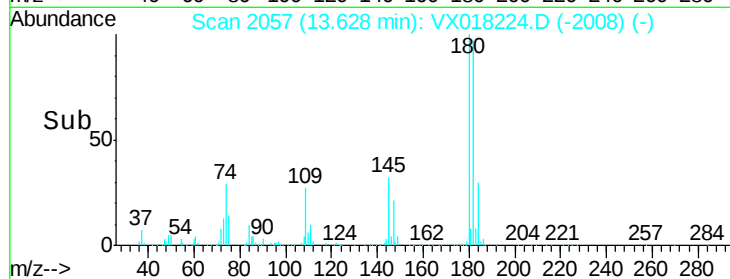
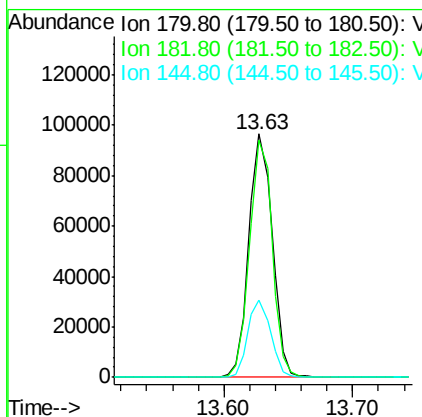
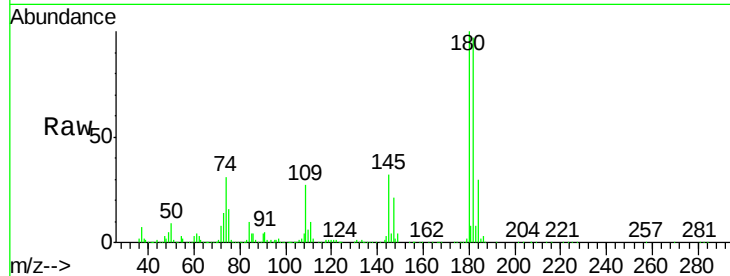
#93
 1,2,4-Trichlorobenzene
 Concen: 17.633 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	120871		
182	94.2	47.5	142.6	
145	31.0	15.7	47.1	

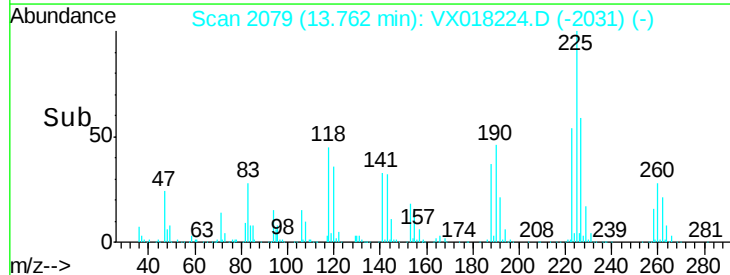
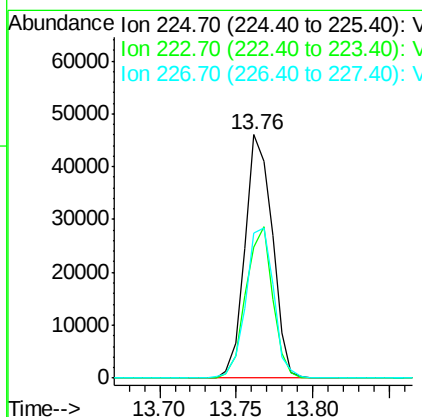
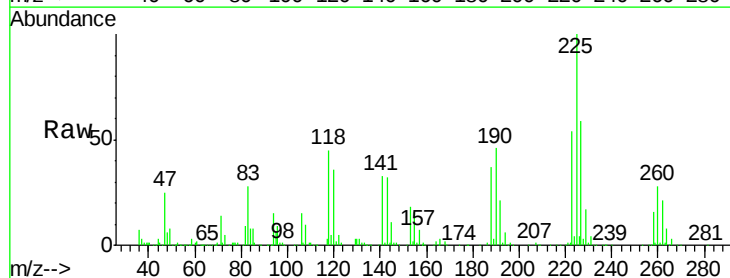
Manual Integrations
 APPROVED

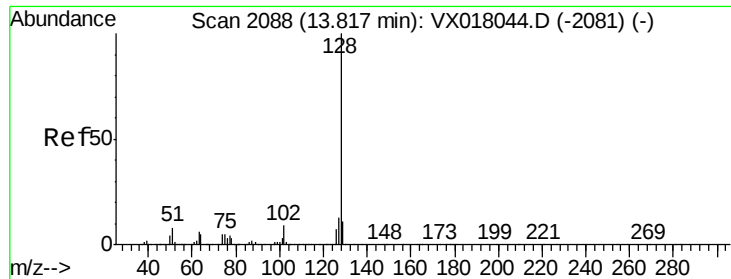
MMDadoda
 9/4/2020 9:28:55 AM



#94
 Hexachlorobutadiene
 Concen: 21.186 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018224.D
 Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57282		
223	60.6	30.7	92.1	
227	62.6	32.6	97.8	





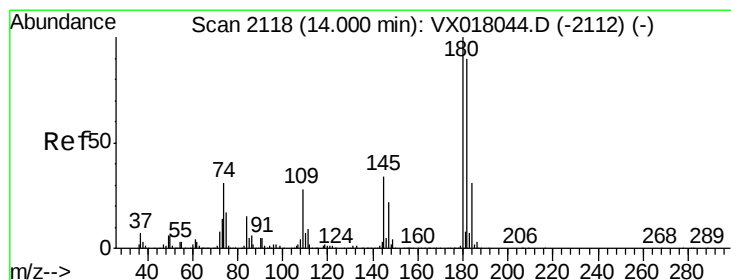
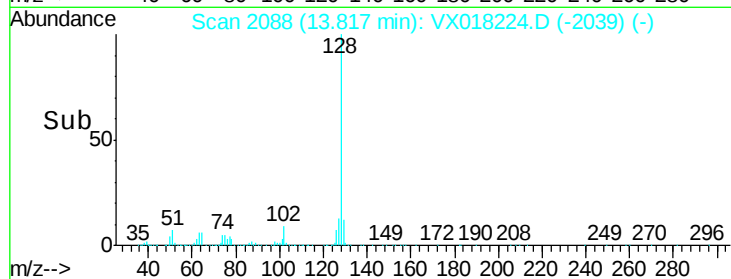
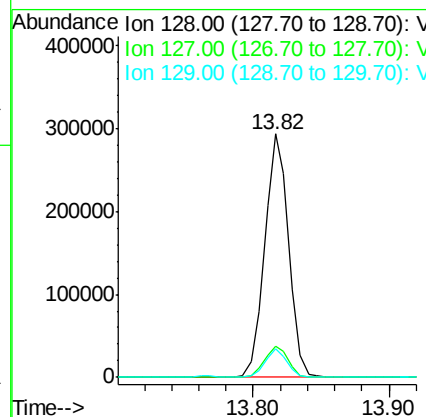
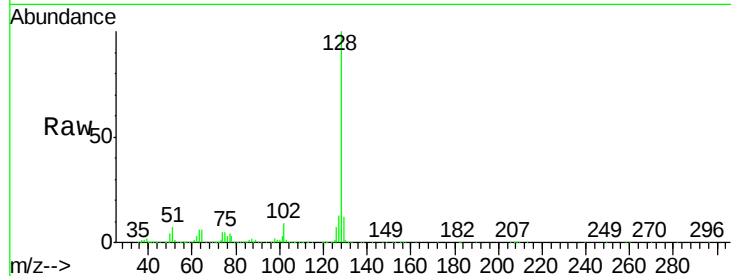
#95
Naphthalene
Concen: 15.994 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	360823		
127	12.9		10.2	15.2
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/4/2020 9:28:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.344 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018224.D
Acq: 03 Sep 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117478		
182	100.3		47.3	142.0
145	33.4		17.5	52.6

