

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090320\
 Data File : VX018243.D
 Acq On : 03 Sep 2020 18:23
 Operator : JC/SP
 Sample : L3903-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:07 AM

Quant Time: Sep 04 03:04:41 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	396060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	630742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303010	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	5.46	113	232882	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
50) Toluene-d8	8.70	98	840823	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.12	95	342921	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	236013	48.944	ug/l	98
3) Chloromethane	1.31	50	230757	45.390	ug/l	100
4) Vinyl Chloride	1.39	62	233979	46.234	ug/l	100
5) Bromomethane	1.62	94	142108	58.218	ug/l	97
6) Chloroethane	1.70	64	139665	51.383	ug/l	98
7) Trichlorofluoromethane	1.91	101	388907	56.358	ug/l	99
8) Diethyl Ether	2.17	74	121122	51.756	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	199358	53.437	ug/l	98
10) Methyl Iodide	2.49	142	200649	50.241	ug/l	97
11) Tert butyl alcohol	3.02	59	258607	241.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	191325	49.432	ug/l	99
13) Acrolein	2.28	56	82814	186.819	ug/l	99
14) Allyl chloride	2.71	41	342046	49.188	ug/l	97
15) Acrylonitrile	3.12	53	604543	249.289	ug/l	99
16) Acetone	2.42	43	534575	249.512	ug/l	95
17) Carbon Disulfide	2.55	76	531704	45.443	ug/l	100
18) Methyl Acetate	2.75	43	269404	52.108	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	699500	52.698	ug/l	98
20) Methylene Chloride	2.83	84	224820	51.352	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214000	49.905	ug/l	98
22) Diisopropyl ether	3.82	45	697025	50.786	ug/l	92
23) Vinyl Acetate	3.79	43	2927284	239.698	ug/l	99
24) 1,1-Dichloroethane	3.67	63	399168	51.092	ug/l	99
25) 2-Butanone	4.64	43	853637	242.436	ug/l	100
26) 2,2-Dichloropropane	4.55	77	319363	50.240	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241084	48.795	ug/l	99
28) Bromochloromethane	4.98	49	177157	46.977	ug/l	98
29) Tetrahydrofuran	5.09	42	547771	244.382	ug/l	98
30) Chloroform	5.18	83	426199	52.684	ug/l	96
31) Cyclohexane	5.56	56	316853	48.146	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	390932	52.659	ug/l	99
36) 1,1-Dichloropropene	5.77	75	289709	49.798	ug/l	99
37) Ethyl Acetate	4.79	43	314858	46.598	ug/l	99
38) Carbon Tetrachloride	5.76	117	366264	55.865	ug/l	98

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 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	312868	49.182	ug/l	98
40) Benzene	6.11	78	856214	50.087	ug/l	99
41) Methacrylonitrile	5.00	41	183169	49.372	ug/l	99
42) 1,2-Dichloroethane	6.17	62	351394	53.652	ug/l	98
43) Isopropyl Acetate	6.42	43	518151	47.478	ug/l	99
44) Trichloroethene	7.19	130	243661	50.446	ug/l	98
45) 1,2-Dichloropropane	7.49	63	229779	49.873	ug/l	95
46) Dibromomethane	7.64	93	164698	50.834	ug/l	98
47) Bromodichloromethane	7.88	83	351475	54.332	ug/l	98
48) Methyl methacrylate	7.74	41	270546	49.798	ug/l	98
49) 1,4-Dioxane	7.71	88	93024	945.259	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1712659	254.052	ug/l	99
52) Toluene	8.76	92	552510	50.972	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	369614	51.552	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	367831	48.430	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	236842	51.231	ug/l	99
56) Ethyl methacrylate	9.16	69	351284	51.114	ug/l	98
57) 1,3-Dichloropropane	9.35	76	382723	50.193	ug/l	99
59) 2-Hexanone	9.48	43	1331198	259.693	ug/l	99
60) Dibromochloromethane	9.57	129	289346	53.353	ug/l	99
61) 1,2-Dibromoethane	9.65	107	259093	51.622	ug/l	99
64) Tetrachloroethene	9.32	164	215468	47.306	ug/l	98
65) Chlorobenzene	10.12	112	604438	48.827	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	252935	51.841	ug/l	99
67) Ethyl Benzene	10.24	91	1065479	50.612	ug/l	97
68) m/p-Xylenes	10.34	106	820352	104.403	ug/l	96
69) o-Xylene	10.68	106	390835	51.311	ug/l	95
70) Styrene	10.70	104	685405	52.838	ug/l	98
71) Bromoform	10.84	173	222532	53.473	ug/l #	97
73) Isopropylbenzene	11.00	105	1080435	48.216	ug/l	99
74) N-amyl acetate	10.88	43	465200	43.755	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	368372	46.601	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	344068m	45.528	ug/l	
77) Bromobenzene	11.24	156	288230	46.533	ug/l	98
78) n-propylbenzene	11.34	91	1239220	48.705	ug/l	100
79) 2-Chlorotoluene	11.40	91	751039	47.777	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	942732	51.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	127489	45.563	ug/l	97
82) 4-Chlorotoluene	11.49	91	916257	49.030	ug/l	100
83) tert-Butylbenzene	11.76	119	915709	50.390	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	967108	51.370	ug/l	99
85) sec-Butylbenzene	11.93	105	1045511	50.592	ug/l	100
86) p-Isopropyltoluene	12.05	119	994733	52.403	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	513106	47.182	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	531548	48.816	ug/l	97
89) n-Butylbenzene	12.37	91	831426	47.988	ug/l	99
90) Hexachloroethane	12.58	117	193416	51.788	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500426	48.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	92213	46.654	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	307324	45.021	ug/l	97

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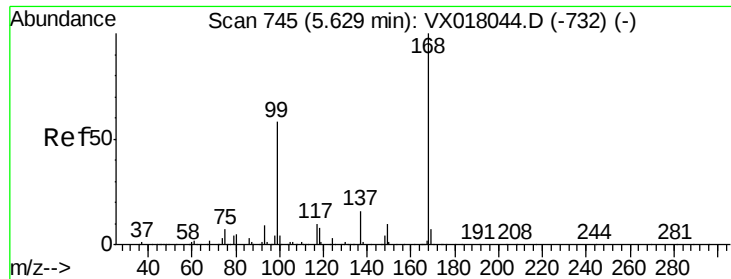
Manual Integrations
APPROVED

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9/4/2020 9:29:07 AM

Quant Time: Sep 04 03:04:41 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)
94) Hexachlorobutadiene	13.77	225	121285	45.045	ug/l	95
95) Naphthalene	13.82	128	1063955	47.359	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	319807	47.414	ug/l	96

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



#1

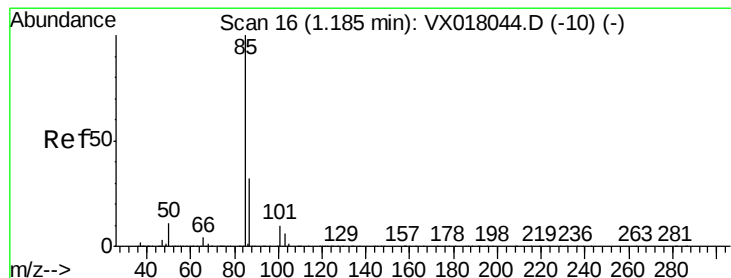
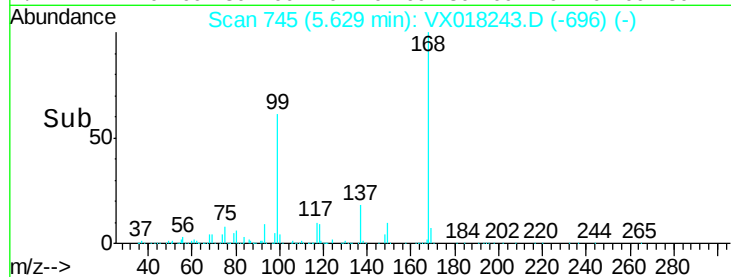
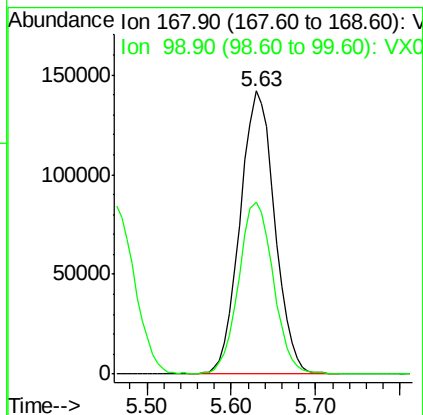
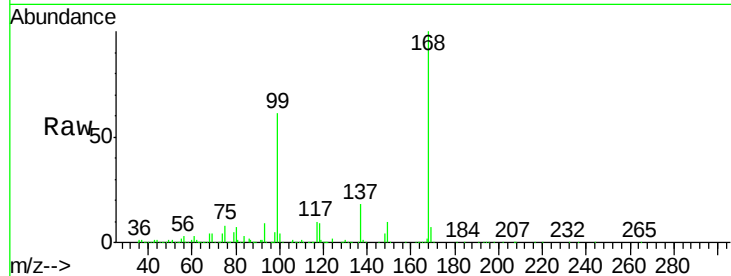
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.4	46.3	69.5

Manual Integrations
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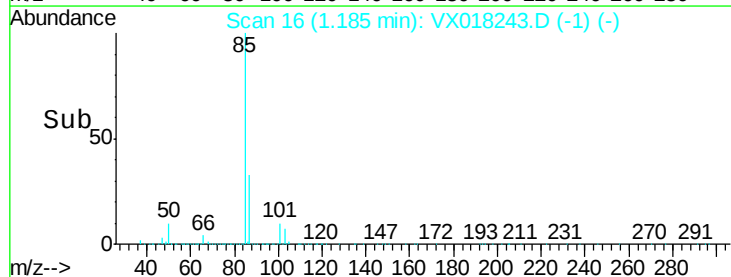
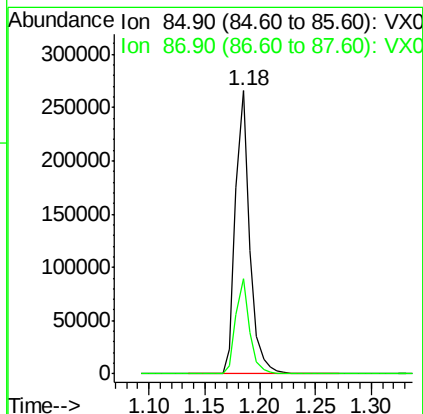
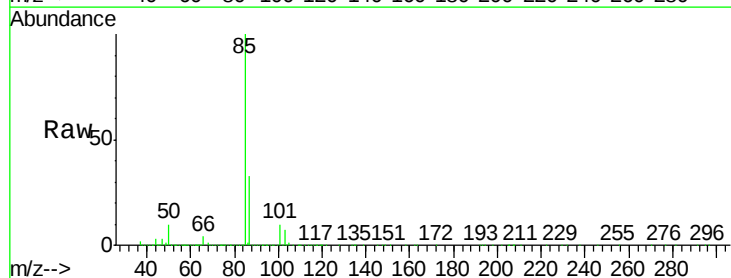
MMDadoda
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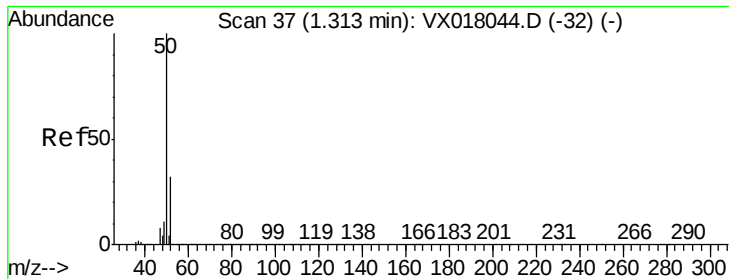


#2

Dichlorodifluoromethane
 Concen: 48.944 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.1	48.2





#3

Chloromethane

Concen: 45.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 50 Resp: 230757

Ion Ratio Lower Upper

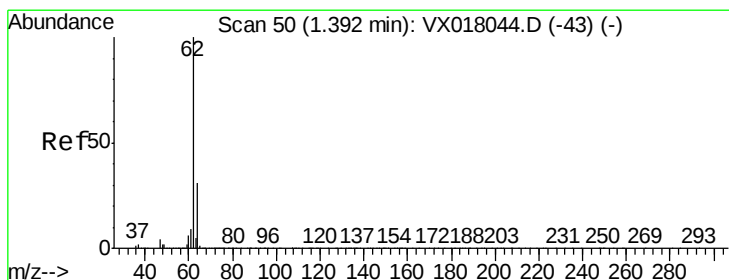
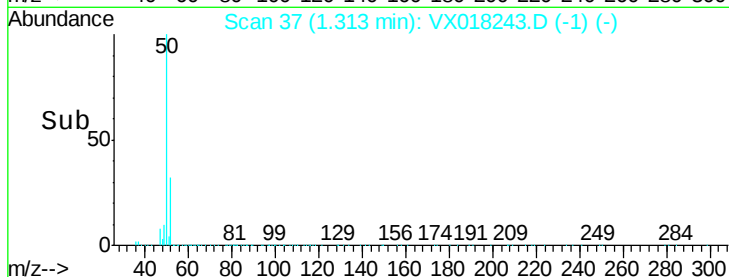
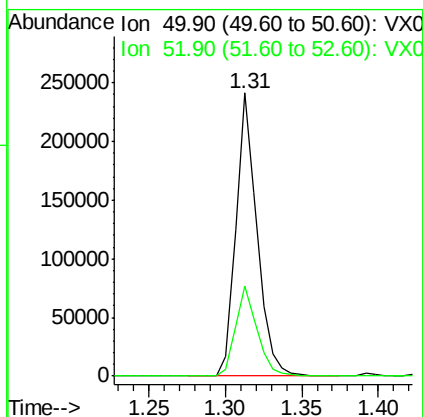
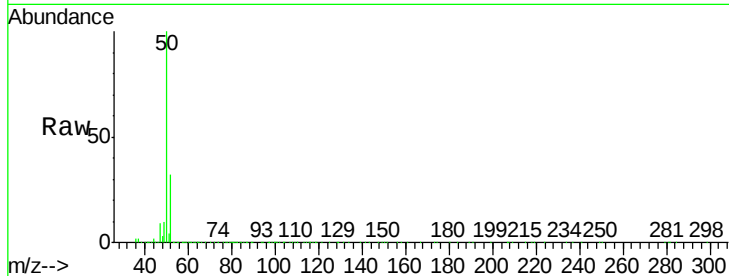
50 100

52 31.8 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.234 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018243.D

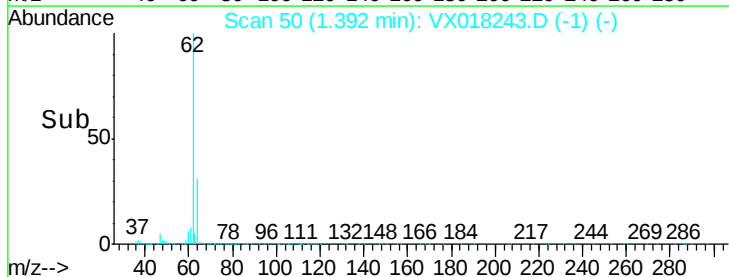
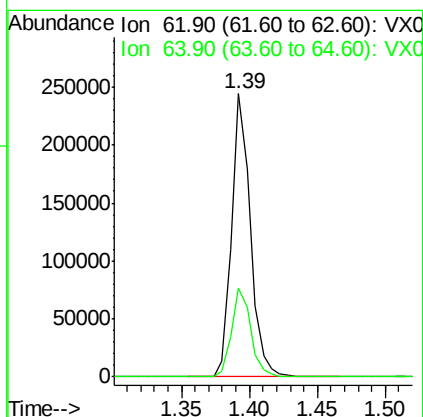
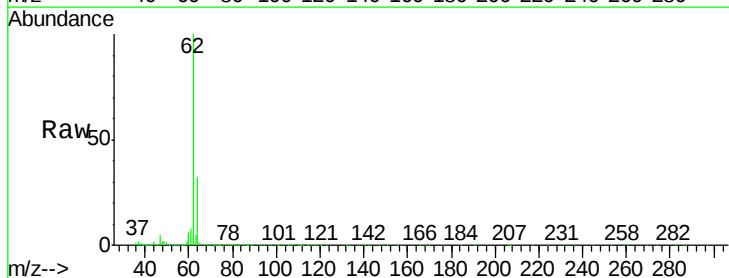
Acq: 03 Sep 2020 18:23

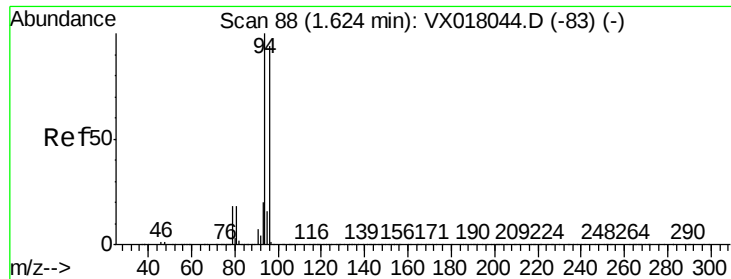
Tgt Ion: 62 Resp: 233979

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 58.218 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 94 Resp: 142108

Ion Ratio Lower Upper

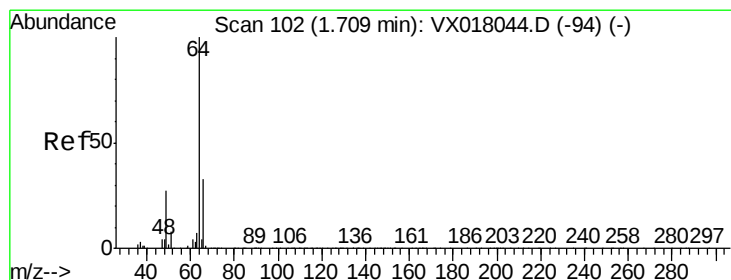
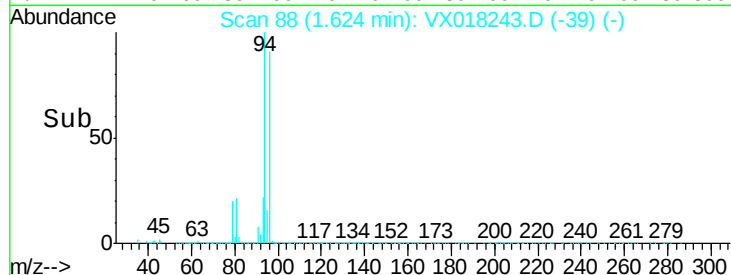
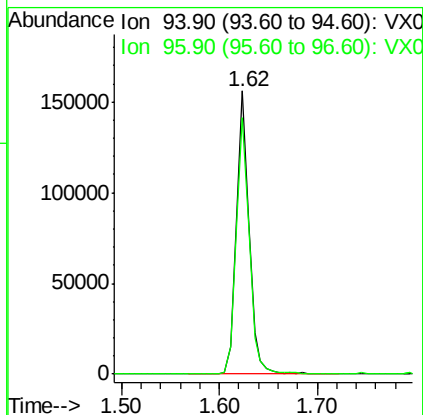
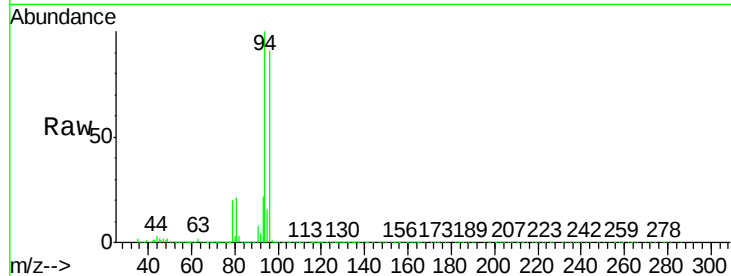
94 100

96 90.6 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 51.383 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018243.D

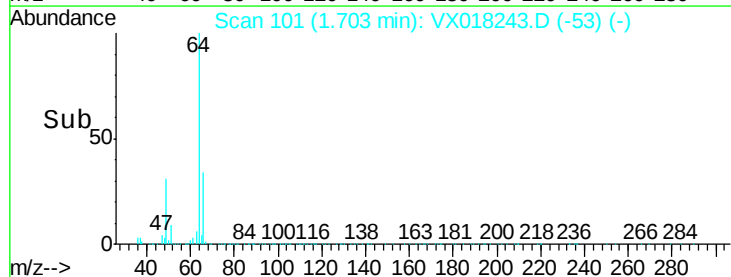
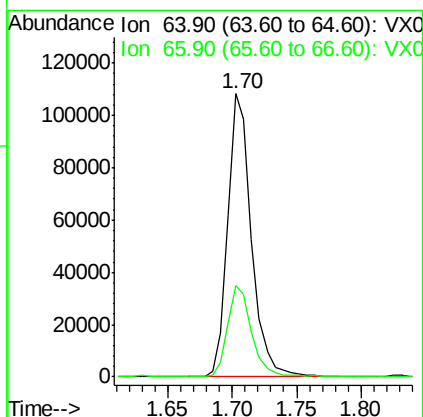
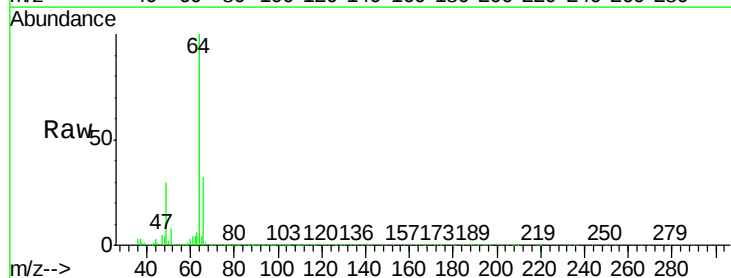
Acq: 03 Sep 2020 18:23

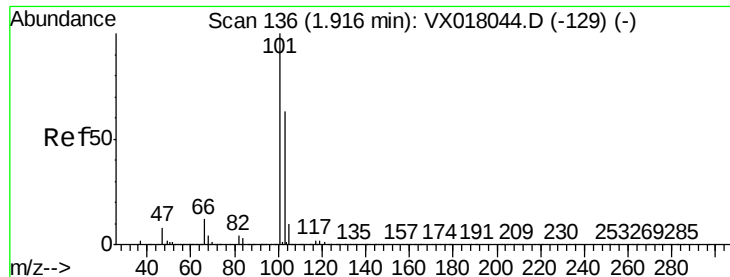
Tgt Ion: 64 Resp: 139665

Ion Ratio Lower Upper

64 100

66 32.1 26.6 39.8





#7

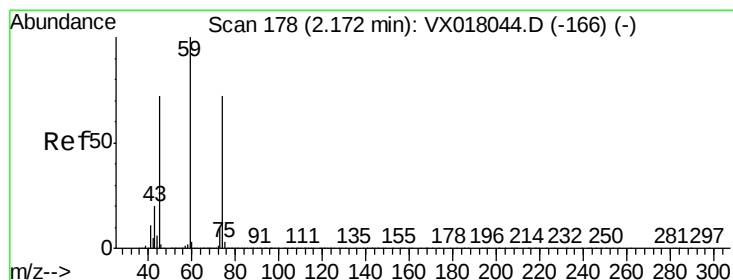
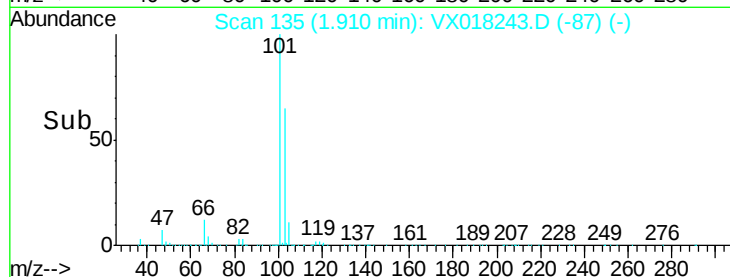
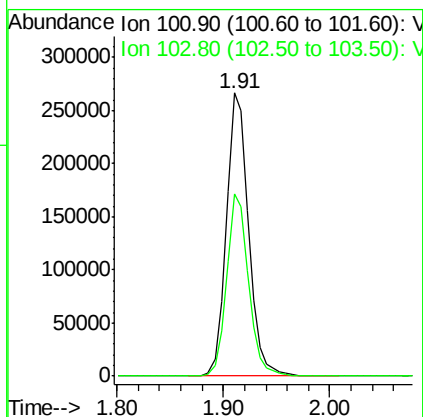
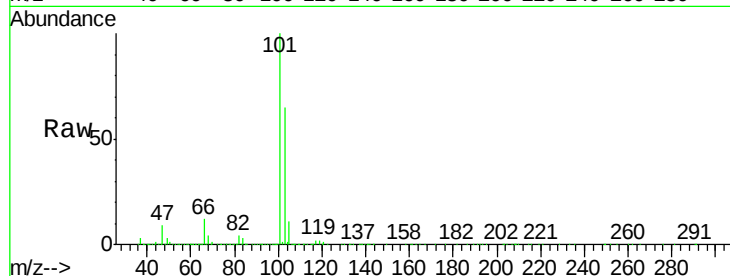
Trichlorofluoromethane
Concen: 56.358 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.7	76.1

Manual Integrations
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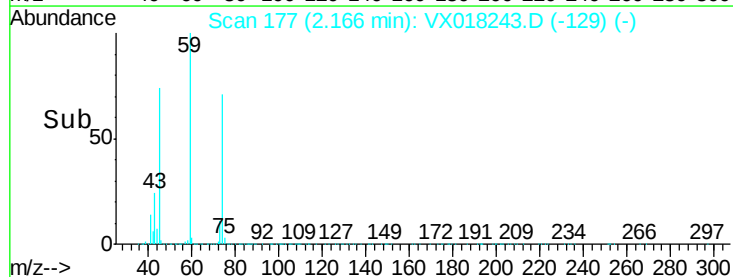
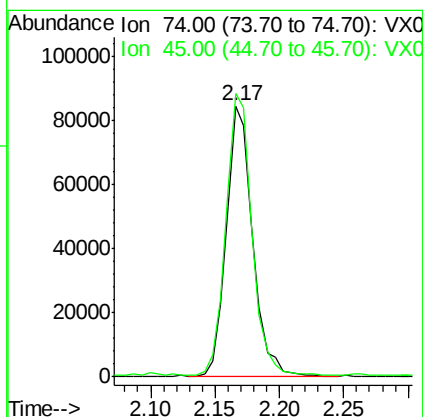
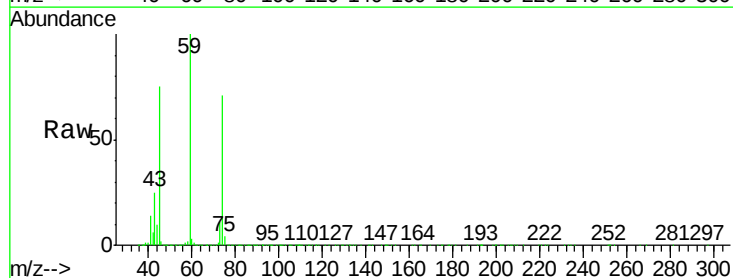
MMDadoda
9/4/2020 9:29:07 AM

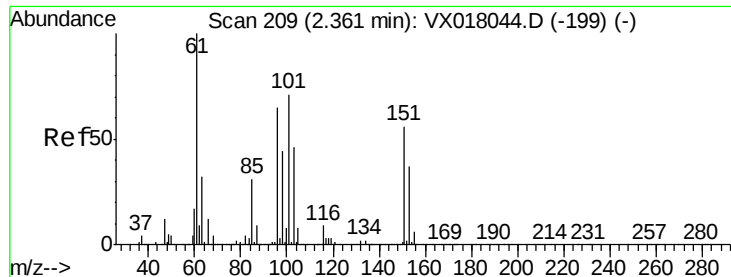


#8

Diethyl Ether
Concen: 51.756 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.437 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

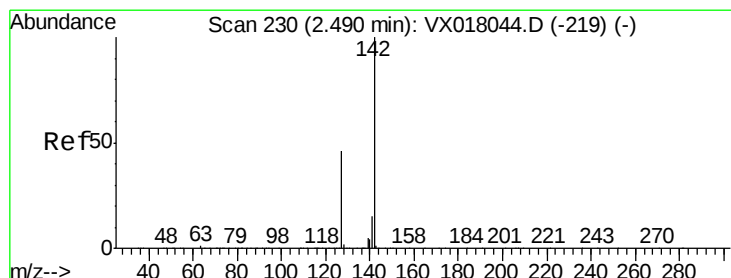
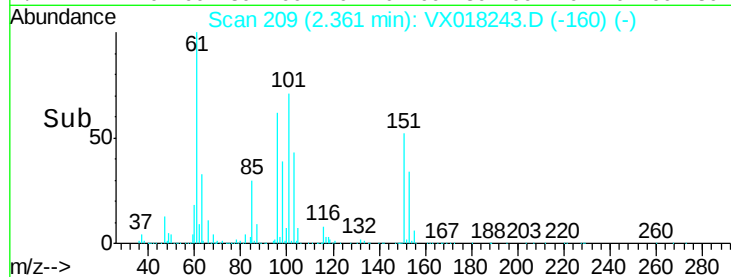
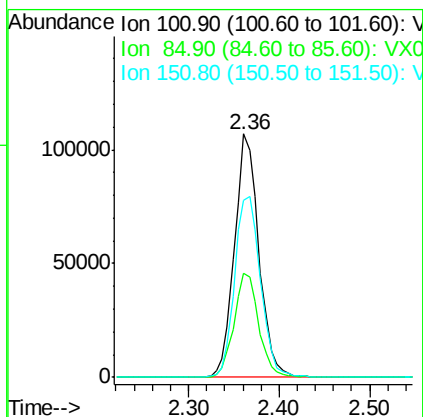
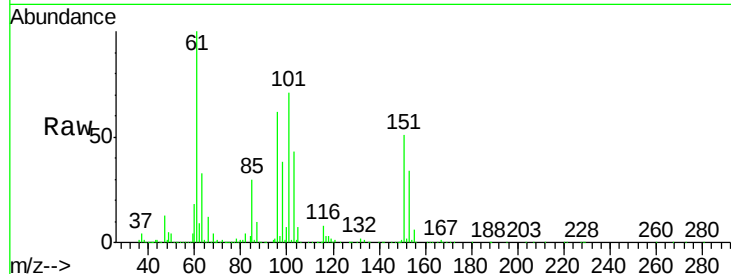
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	101	Resp:	199358
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.0	51.0
151	79.3	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.241 ug/l

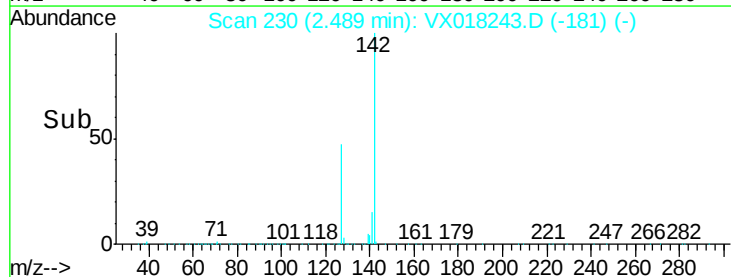
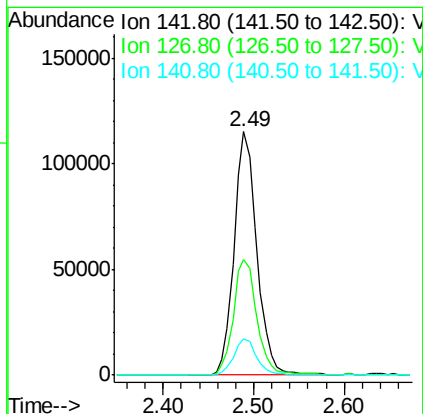
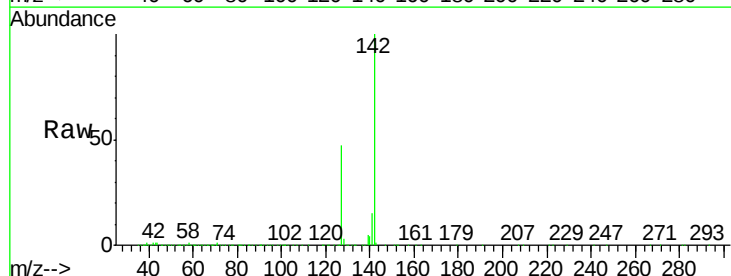
RT: 2.49 min Scan# 230

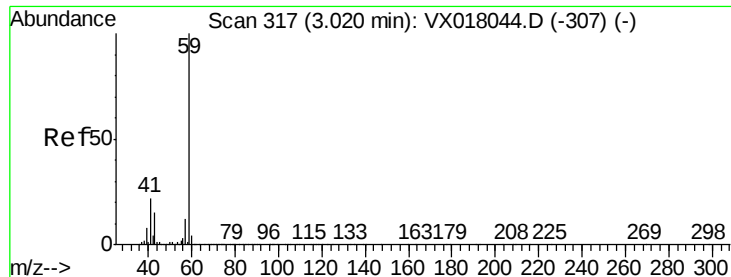
Delta R.T. 0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	142	Resp:	200649
Ion Ratio	Lower	Upper	
142	100		
127	48.6	37.0	55.6
141	15.0	11.5	17.3





#11

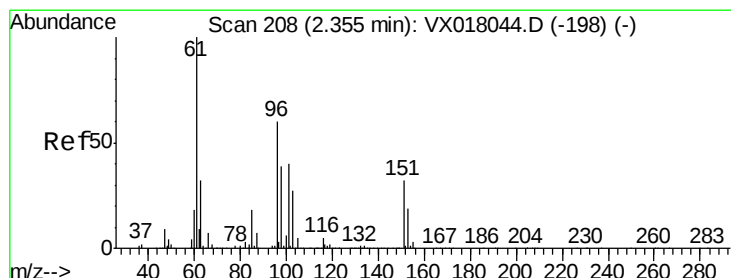
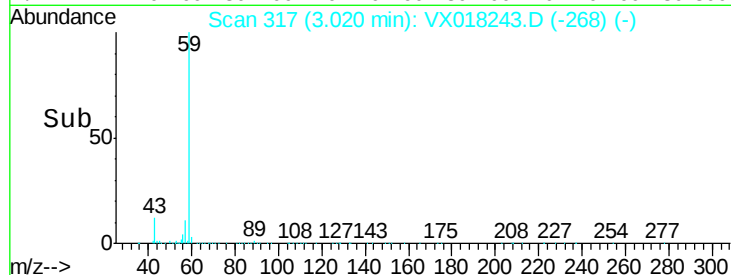
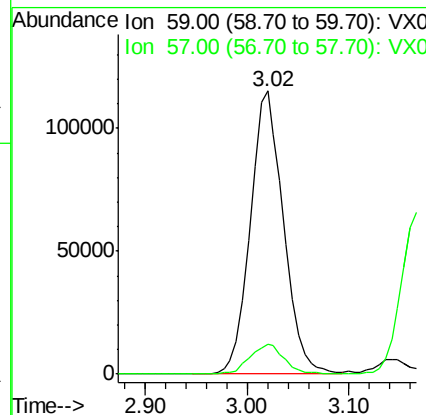
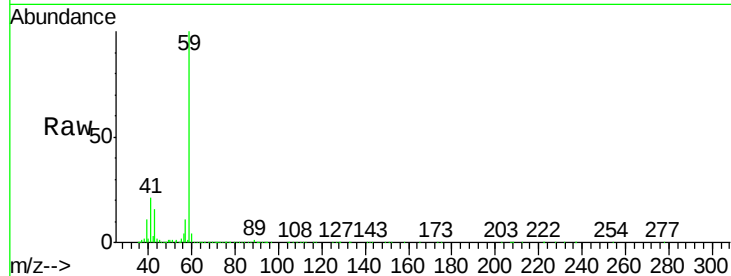
Tert butyl alcohol
Concen: 241.898 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

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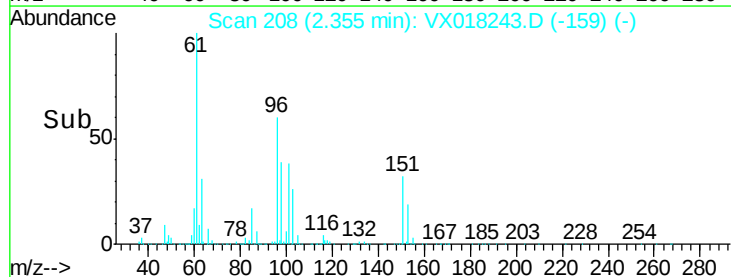
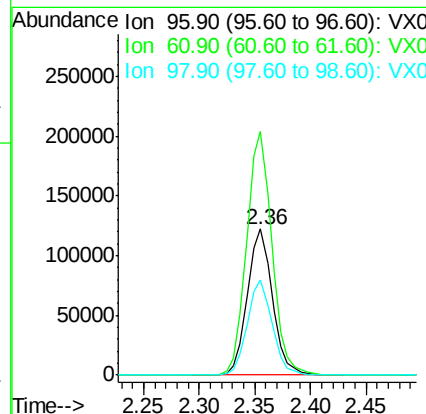
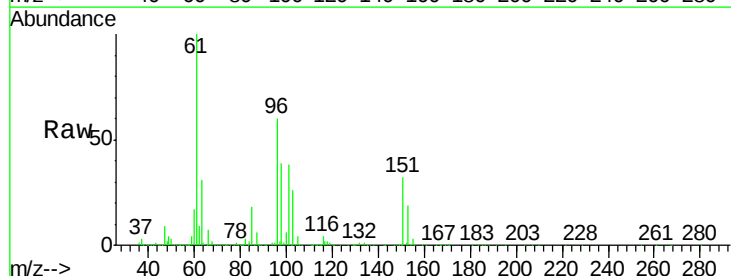
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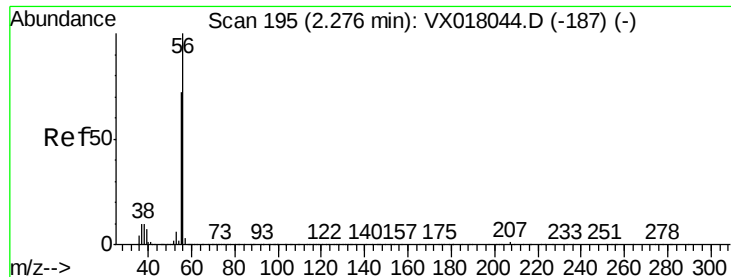


#12

1,1-Dichloroethene
Concen: 49.432 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	133.0	199.4
98	65.6	51.6	77.4





#13

Acrolein

Concen: 186.819 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 56 Resp: 82814

Ion Ratio Lower Upper

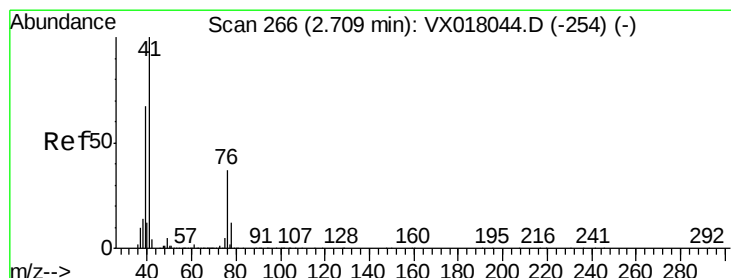
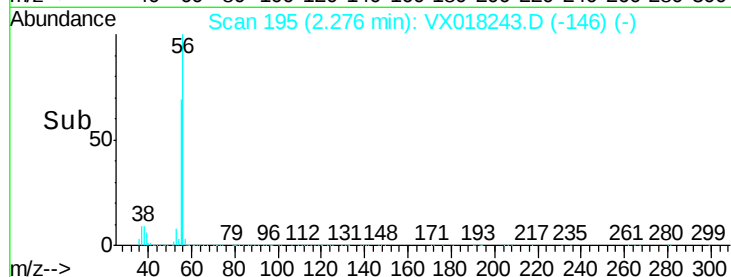
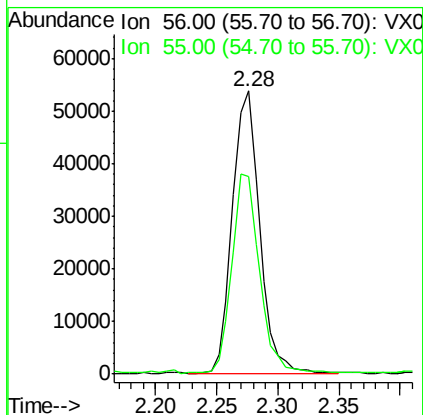
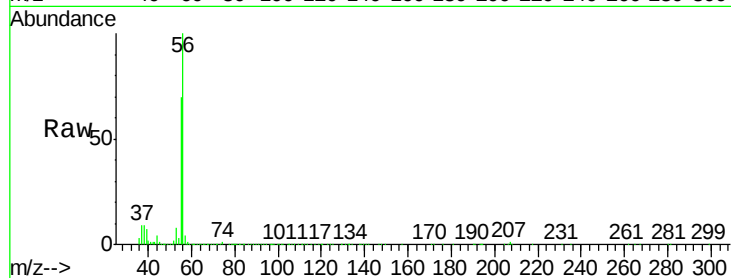
56 100

55 70.7 57.0 85.6

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#14

Allyl chloride

Concen: 49.188 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

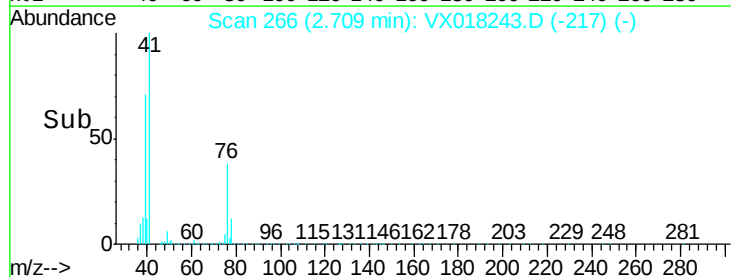
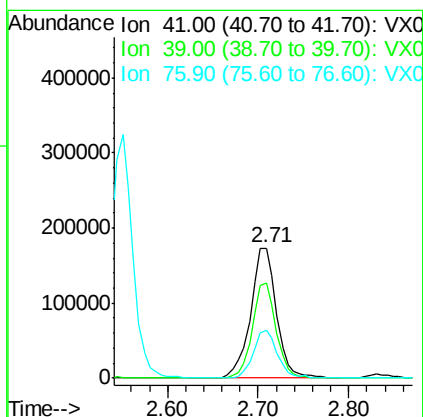
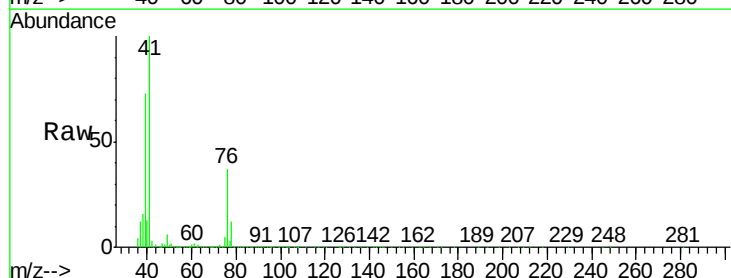
Tgt Ion: 41 Resp: 342046

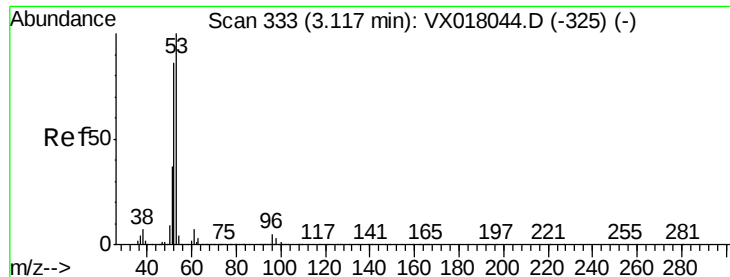
Ion Ratio Lower Upper

41 100

39 66.4 50.6 76.0

76 32.9 26.2 39.2





#15

Acrylonitrile

Concen: 249.289 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

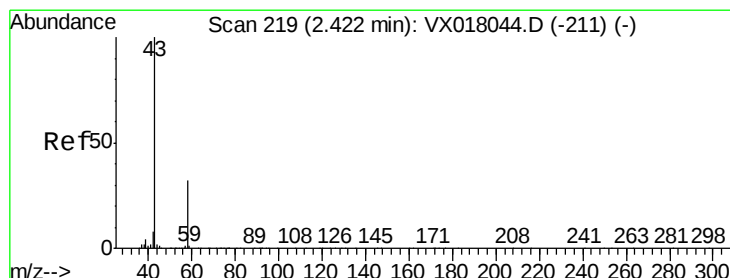
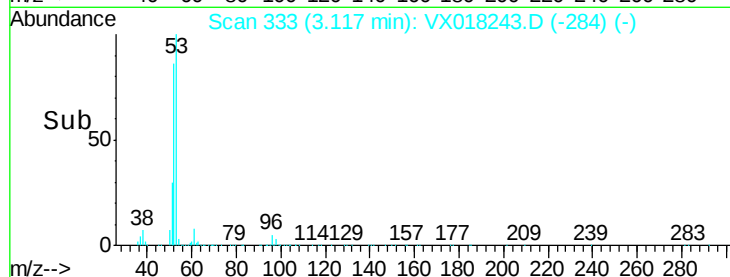
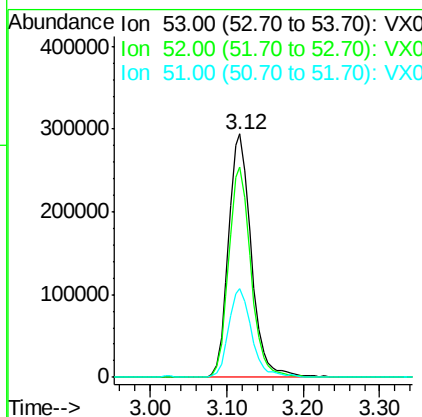
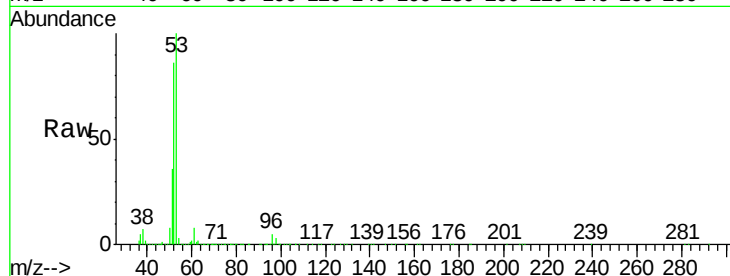
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	53	Resp:	604543
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.9	100.3
51	36.9	28.7	43.1

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#16

Acetone

Concen: 249.512 ug/l

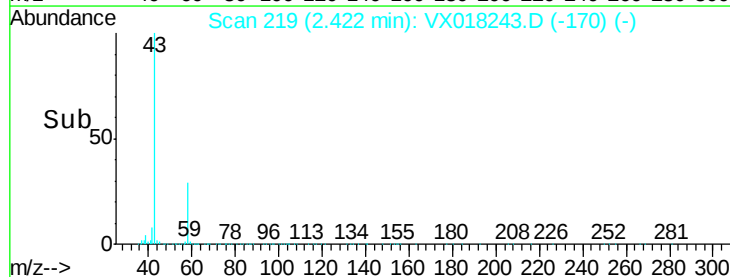
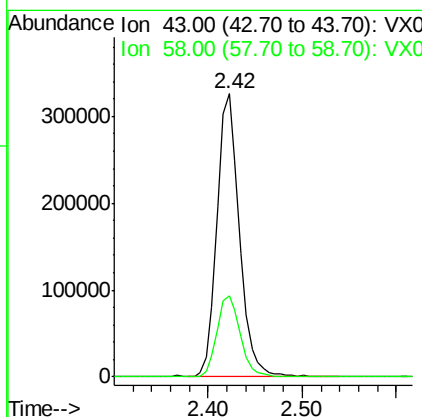
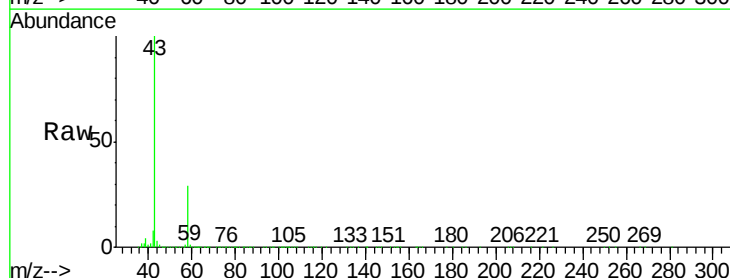
RT: 2.42 min Scan# 219

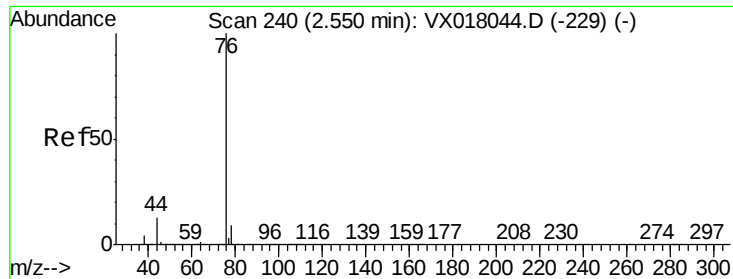
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	43	Resp:	534575
Ion Ratio	Lower	Upper	
43	100		
58	28.9	25.5	38.3





#17

Carbon Disulfide

Concen: 45.443 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 76 Resp: 531704

Ion Ratio Lower Upper

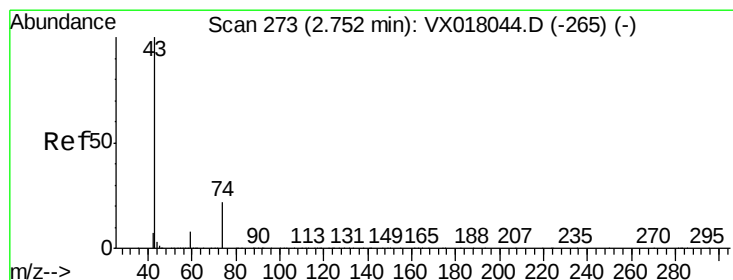
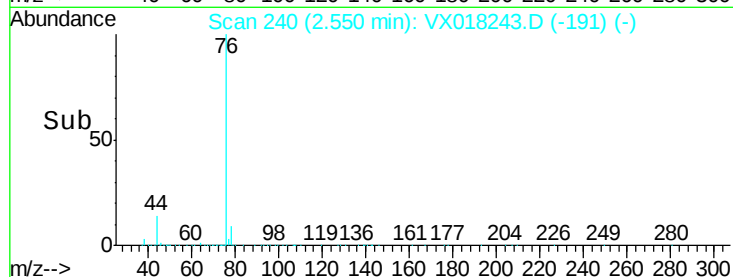
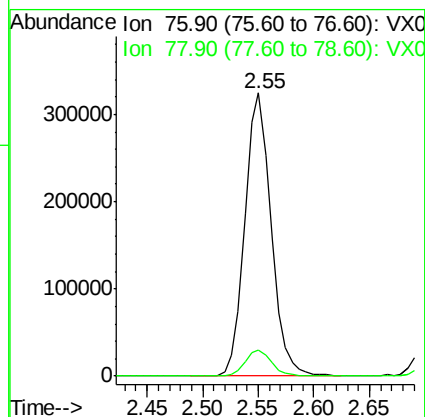
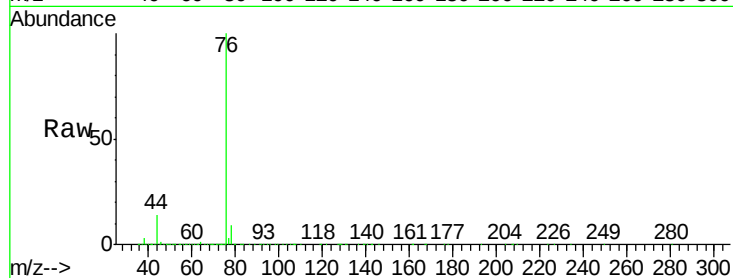
76 100

78 9.1 7.4 11.0

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#18

Methyl Acetate

Concen: 52.108 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018243.D

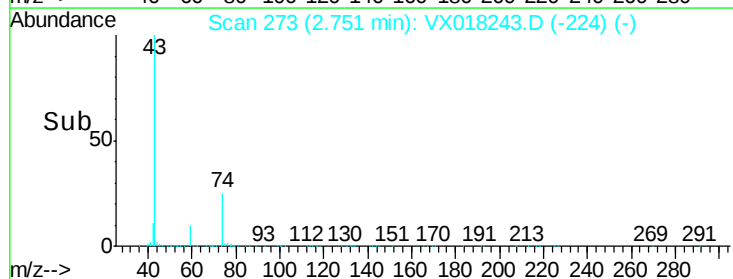
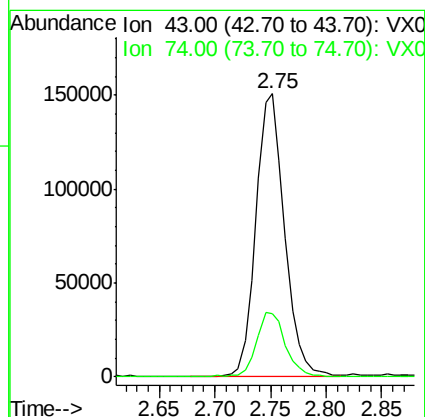
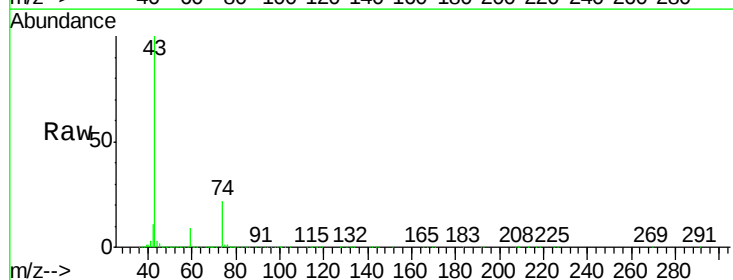
Acq: 03 Sep 2020 18:23

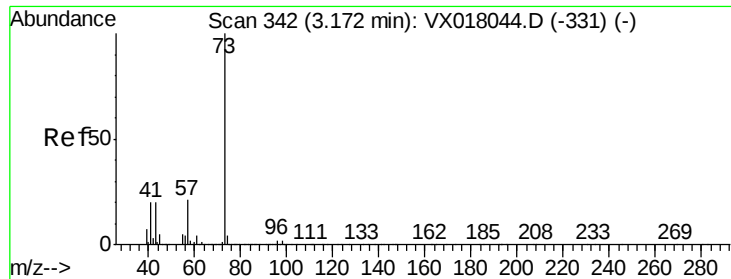
Tgt Ion: 43 Resp: 269404

Ion Ratio Lower Upper

43 100

74 23.4 18.2 27.4





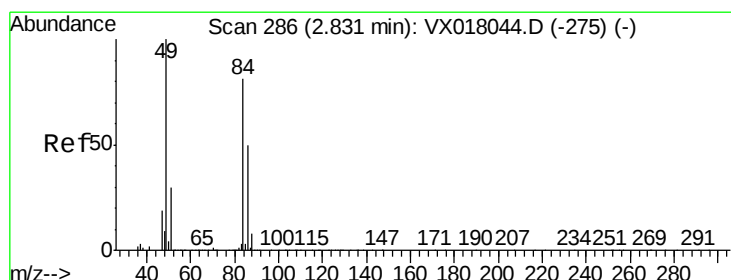
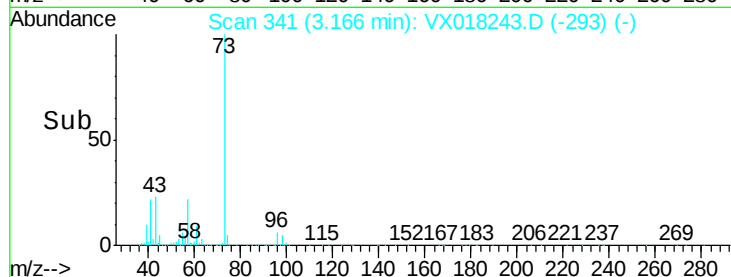
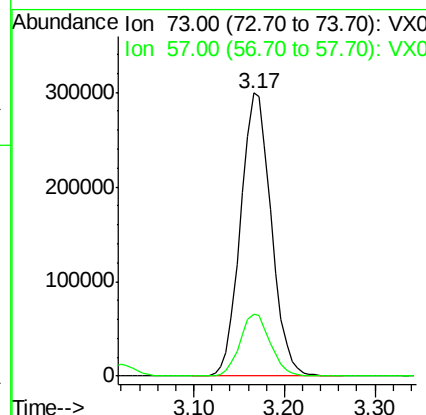
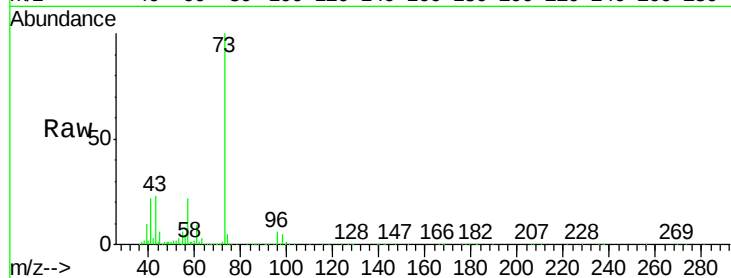
#19
Methvl tert-butvl Ether
Concen: 52.698 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.8	25.2

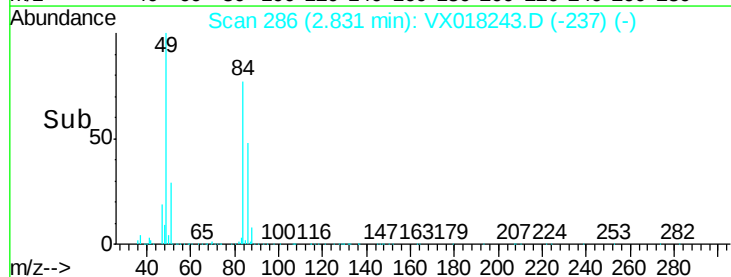
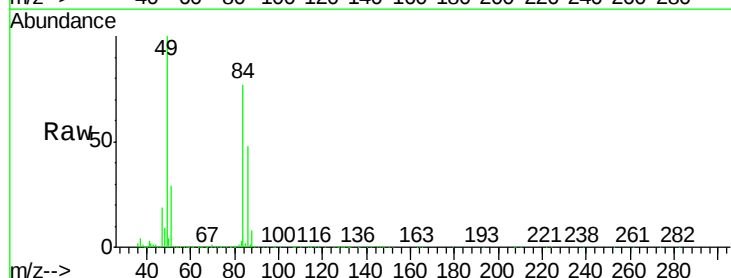
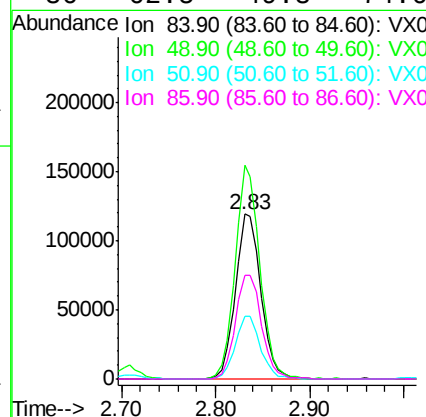
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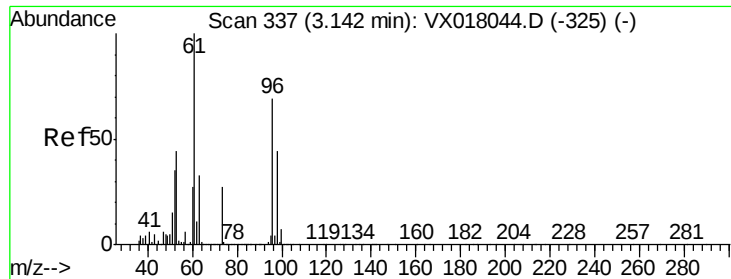
MMDadoda
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#20
Methylene Chloride
Concen: 51.352 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.4	98.6	148.0
51	37.9	29.6	44.4
86	62.5	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.905 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

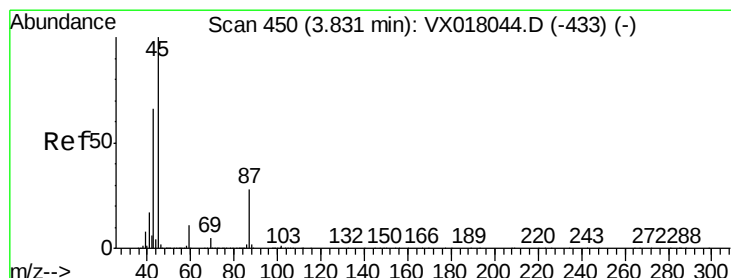
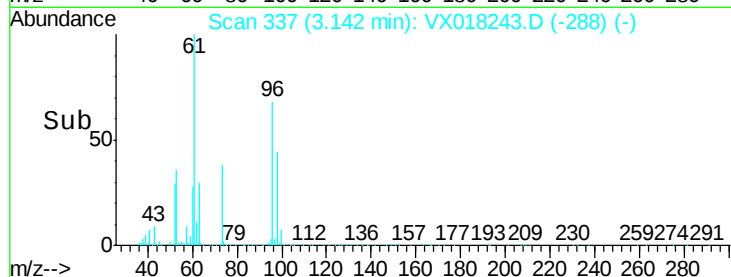
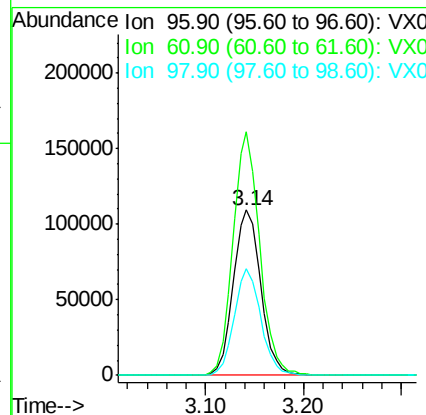
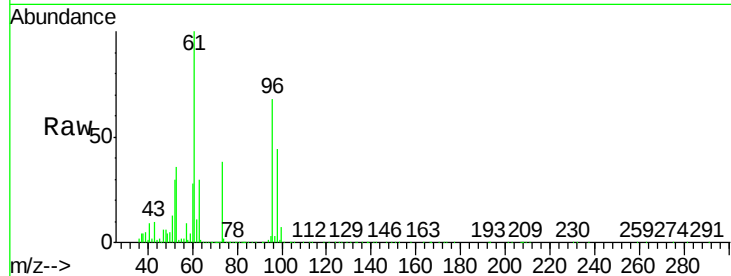
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	96	Resp:	214000
Ion	Ratio	Lower	Upper
96	100		
61	147.4	115.4	173.0
98	64.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.786 ug/l

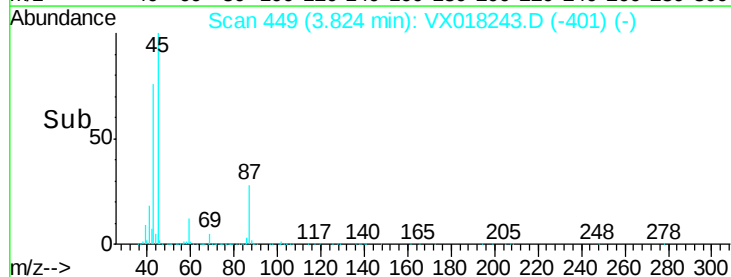
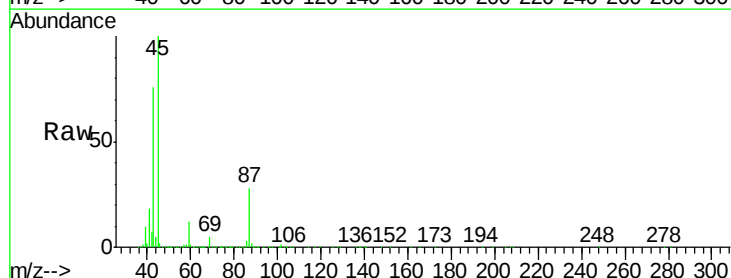
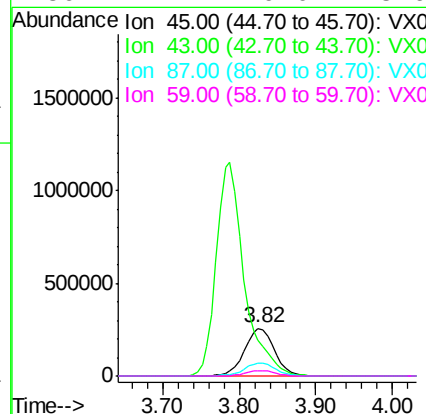
RT: 3.82 min Scan# 449

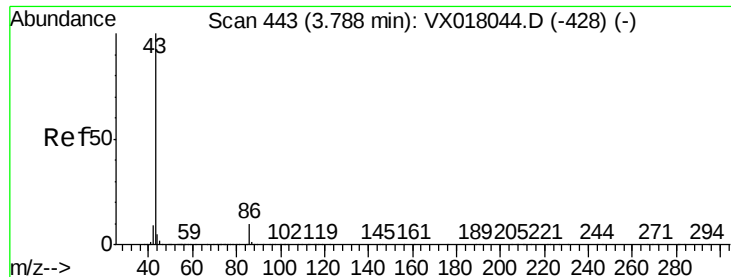
Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	45	Resp:	697025
Ion	Ratio	Lower	Upper
45	100		
43	75.6	52.8	79.2
87	27.8	22.5	33.7
59	12.1	9.0	13.6





#23

Vinyl Acetate

Concen: 239.698 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 43 Resp: 2927284

Ion Ratio Lower Upper

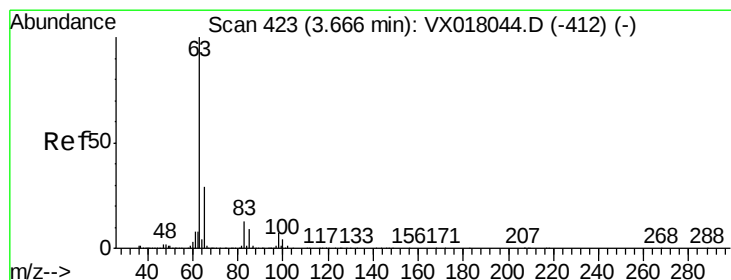
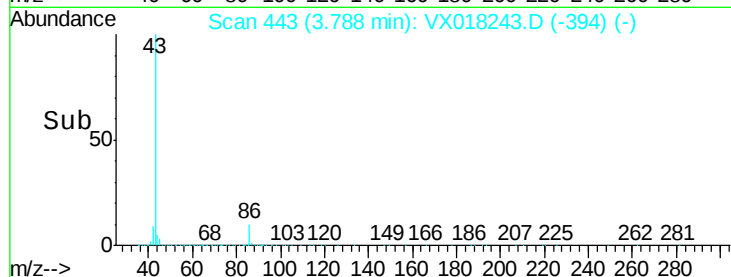
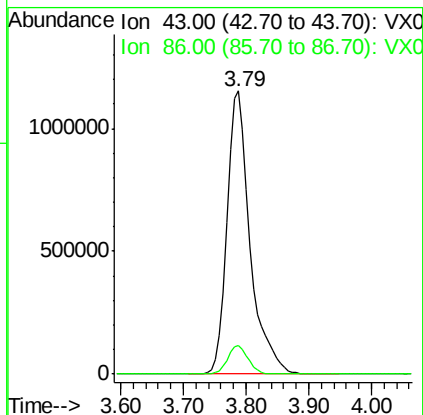
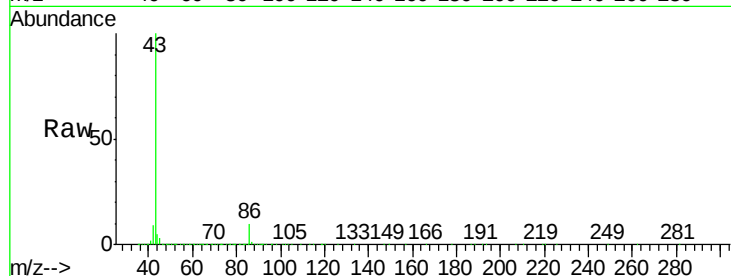
43 100

86 10.2 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 51.092 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

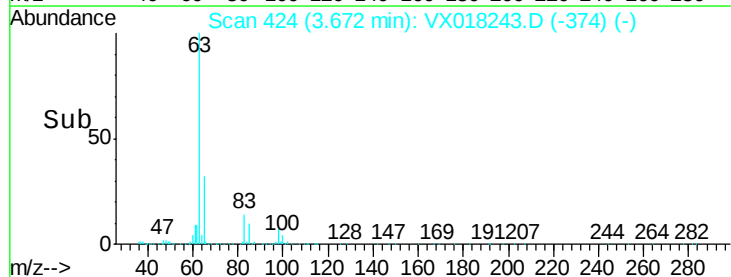
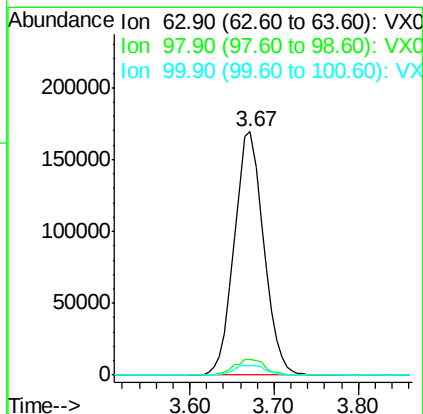
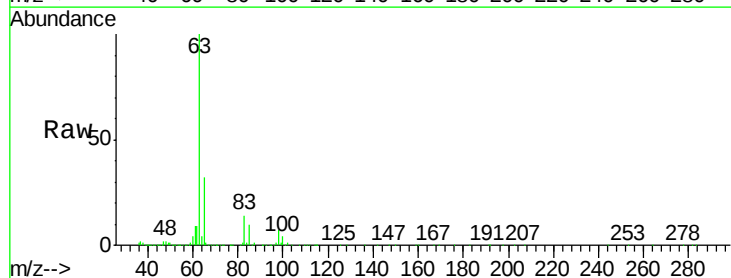
Tgt Ion: 63 Resp: 399168

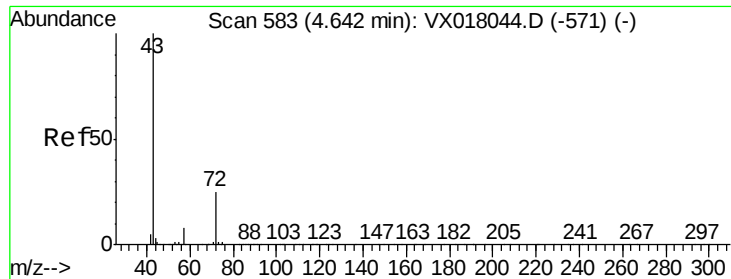
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 242.436 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 43 Resp: 853637

Ion Ratio Lower Upper

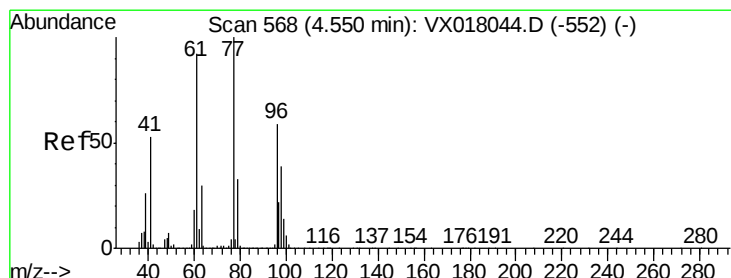
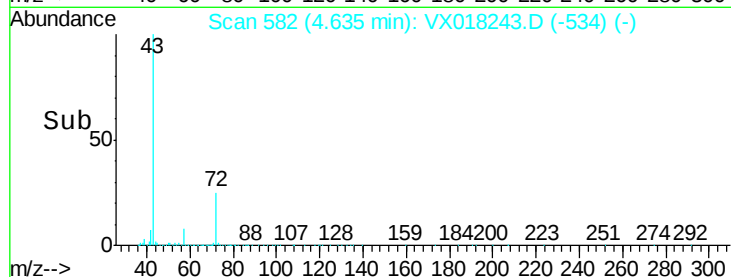
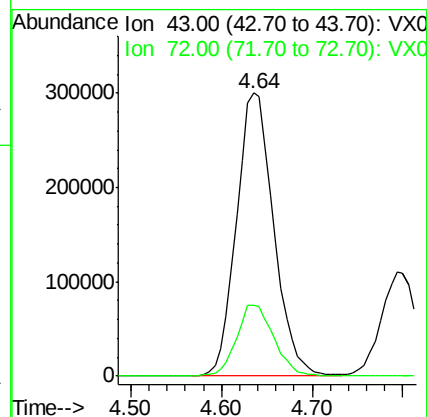
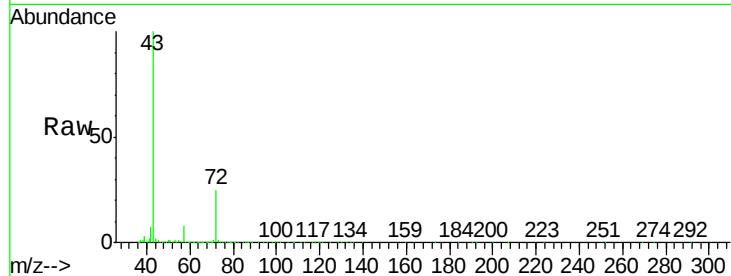
43 100

72 24.9 19.8 29.6

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#26

2,2-Dichloropropane

Concen: 50.240 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018243.D

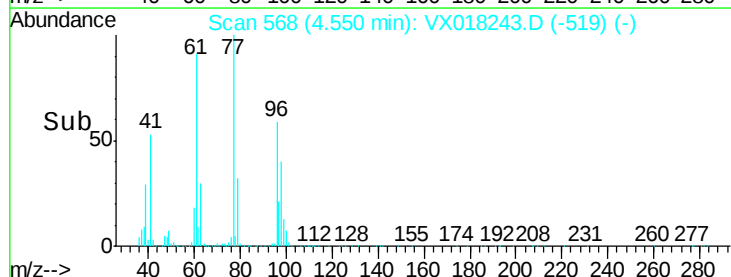
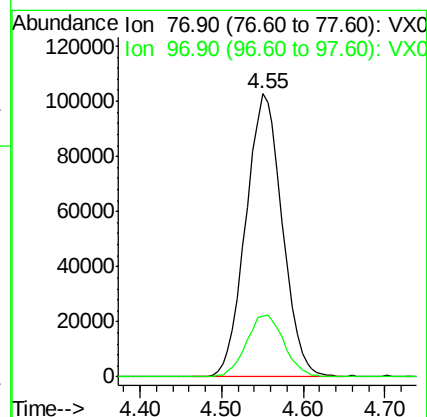
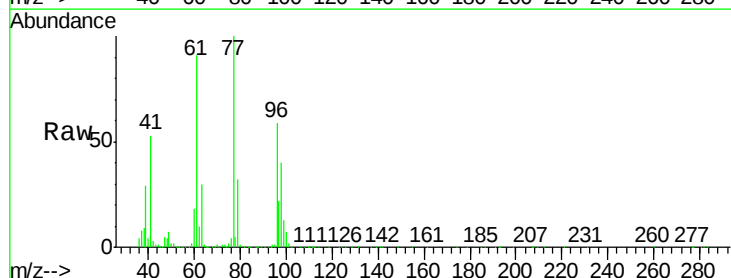
Acq: 03 Sep 2020 18:23

Tgt Ion: 77 Resp: 319363

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5





#27

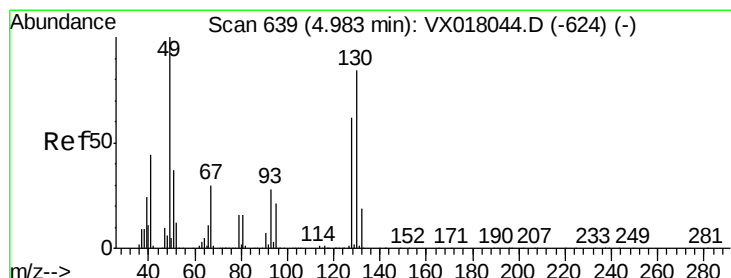
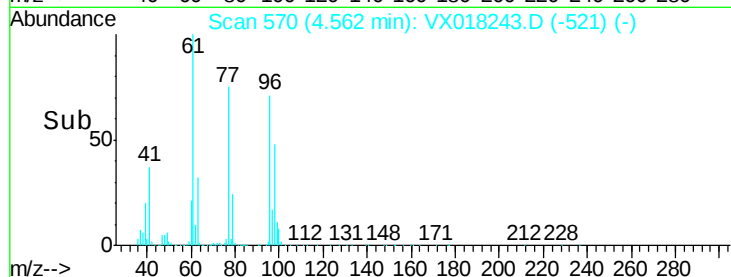
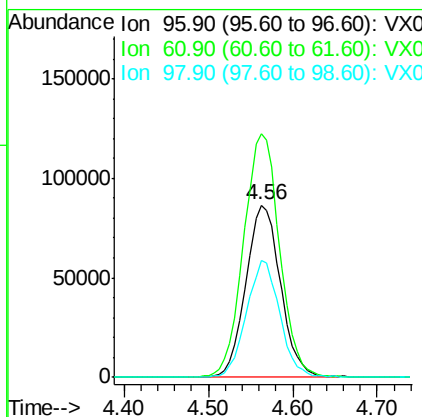
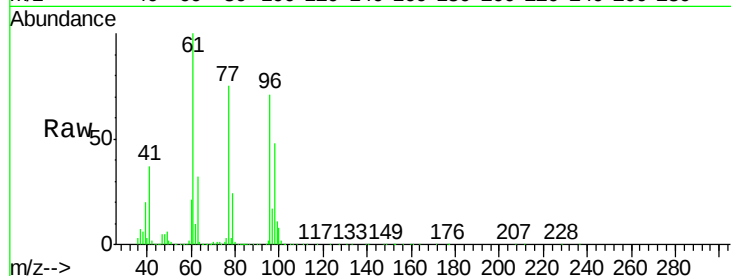
cis-1,2-Dichloroethene
Concen: 48.795 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	241084		
61	146.0	0.0	296.6	
98	65.3	0.0	130.2	

Manual Integrations
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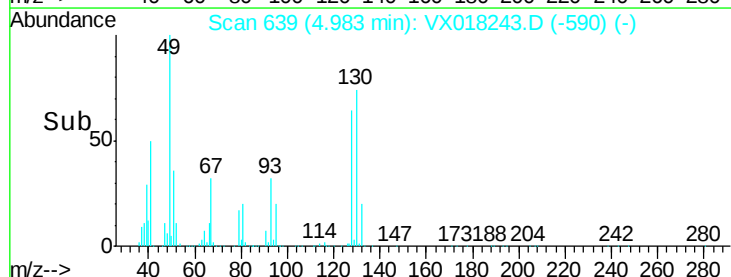
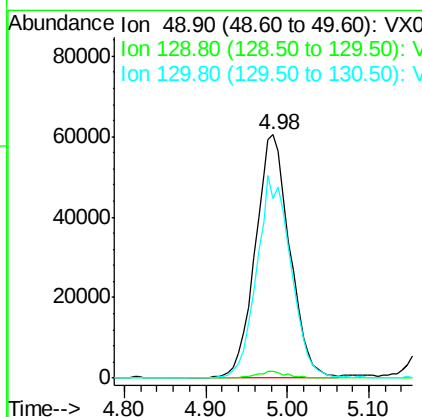
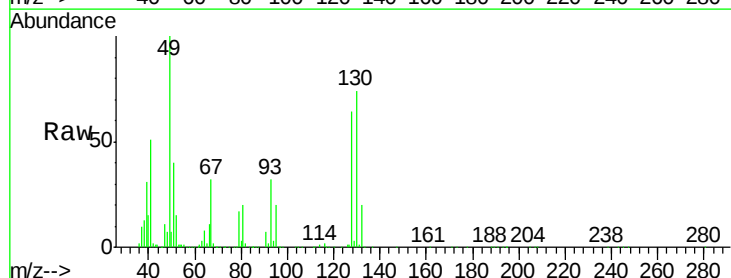
MMDadoda
9/4/2020 9:29:07 AM



#28

Bromochloromethane
Concen: 46.977 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177157		
129	2.5	0.0	4.6	
130	82.7	64.6	96.8	





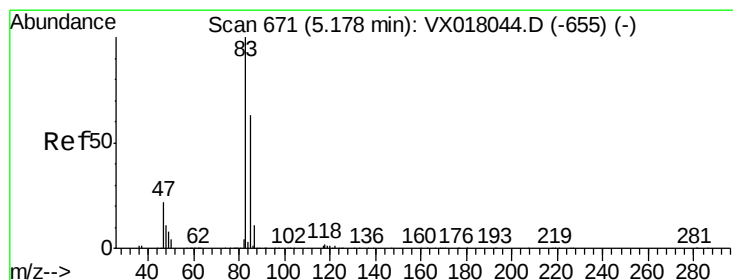
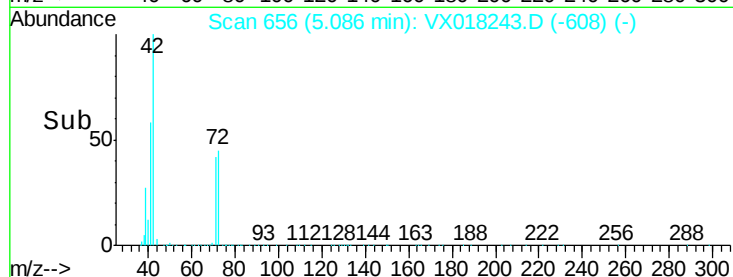
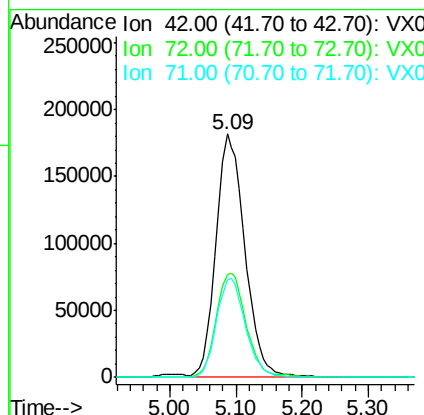
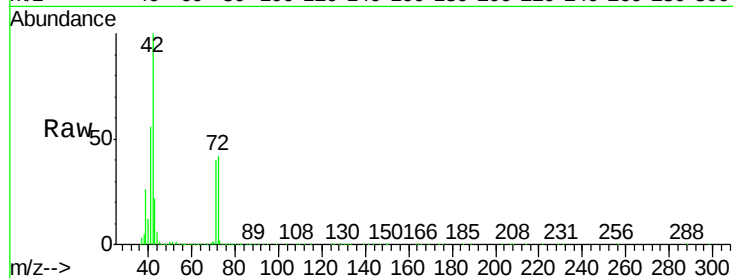
#29
Tetrahydrofuran
Concen: 244.382 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	40.7	32.1	48.1

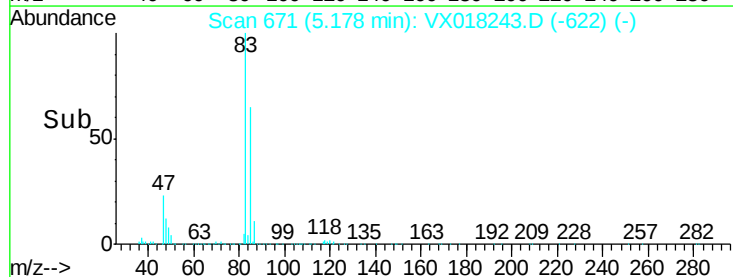
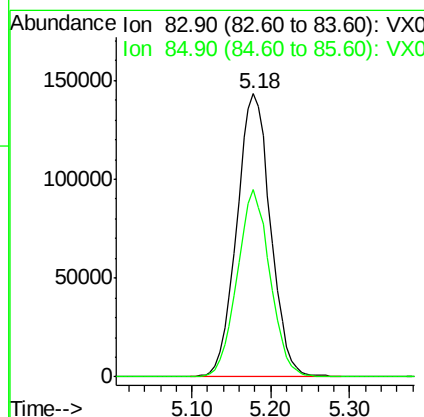
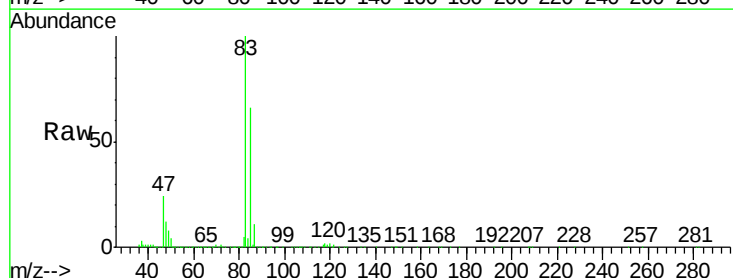
Manual Integrations
APPROVED

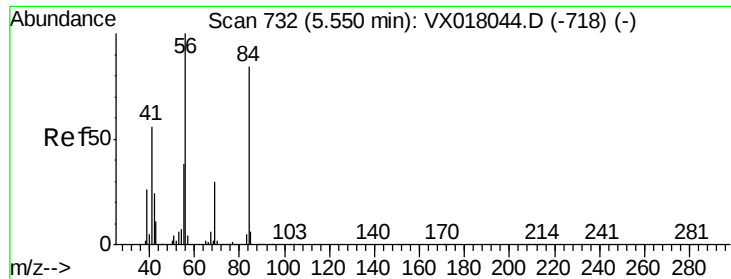
MMDadoda
9/4/2020 9:29:07 AM



#30
Chloroform
Concen: 52.684 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.7	76.1





#31

Cyclohexane

Concen: 48.146 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

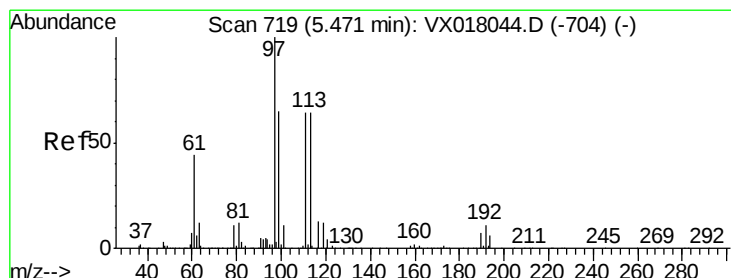
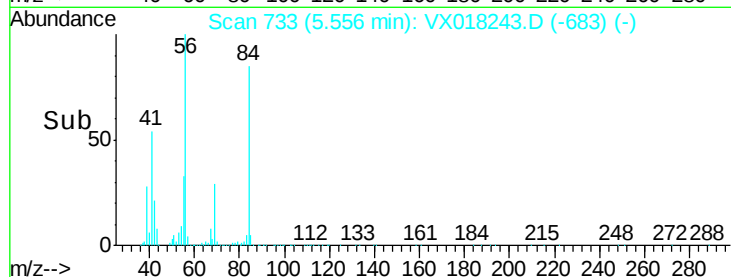
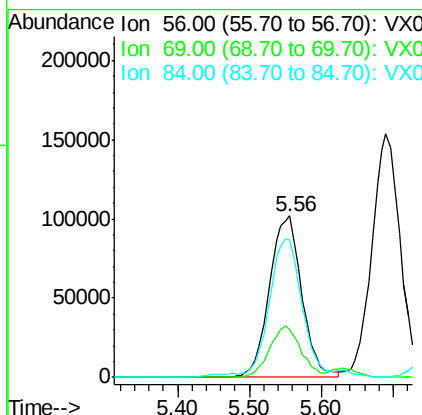
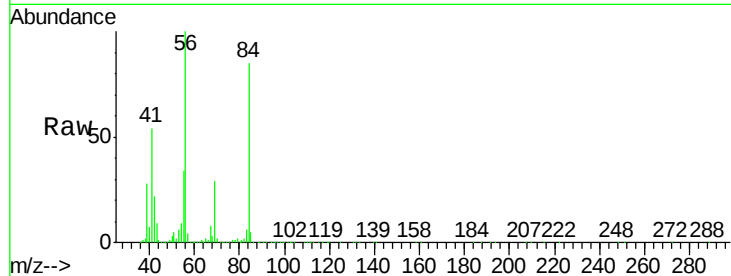
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.3	23.9	35.9	
84	85.0	67.0	100.4	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.659 ug/l

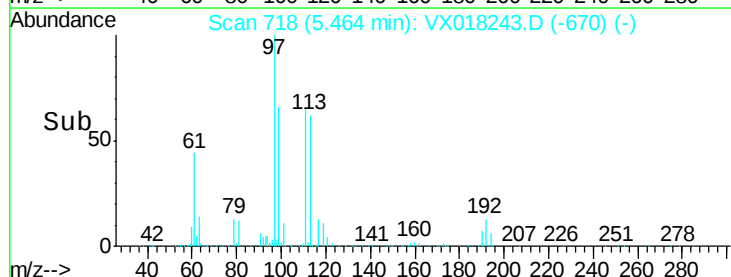
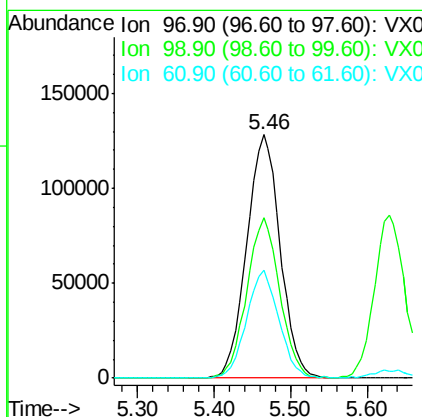
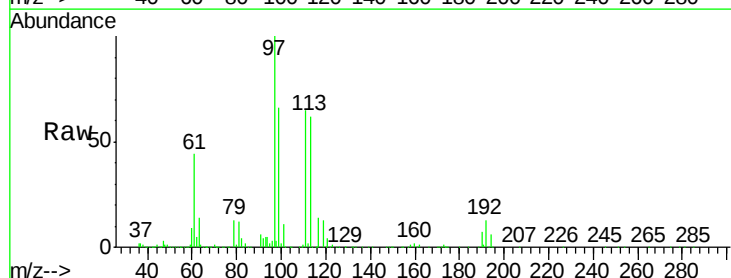
RT: 5.46 min Scan# 718

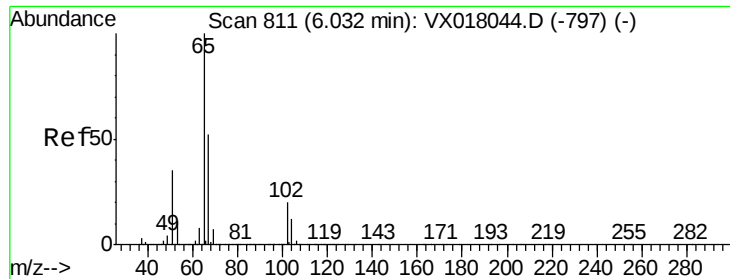
Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	51.4	77.0	
61	42.7	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 55.109 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 65 Resp: 303010

Ion Ratio Lower Upper

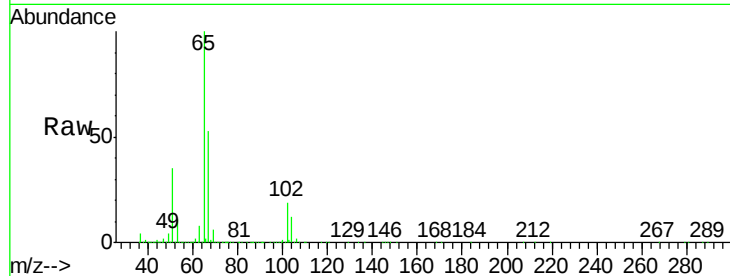
65 100

67 51.3 0.0 105.8

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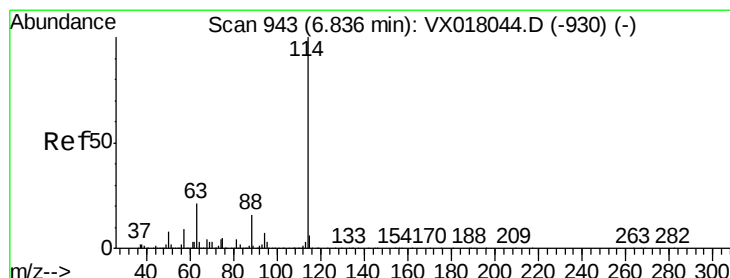
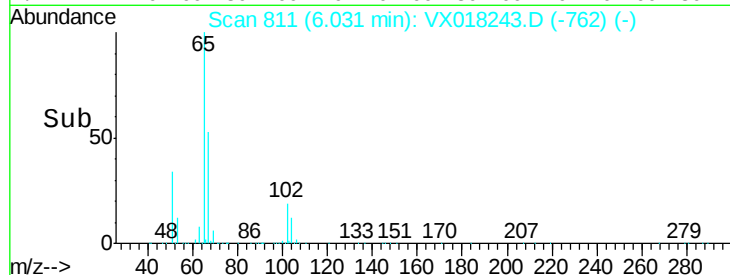
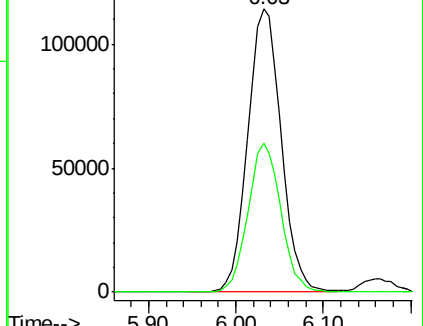
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX018243.D

Acq: 03 Sep 2020 18:23

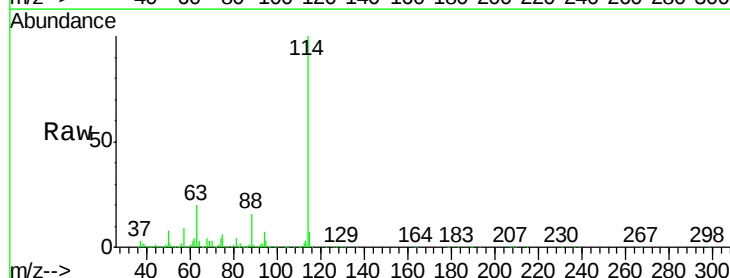
Tgt Ion: 114 Resp: 630742

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

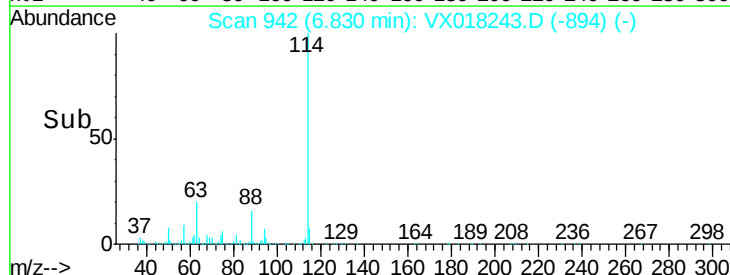
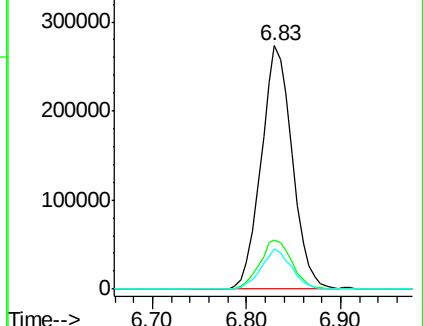
88 16.3 0.0 31.8



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: 54.213 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

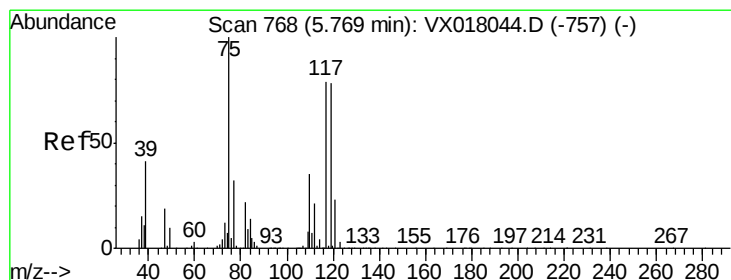
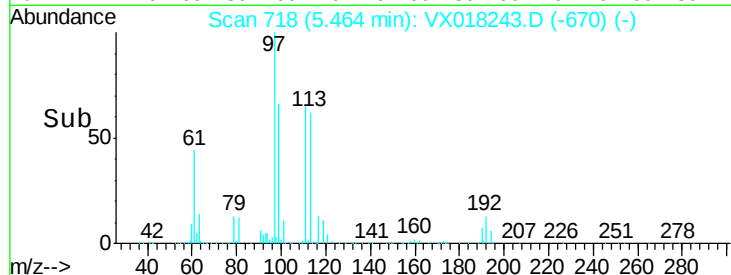
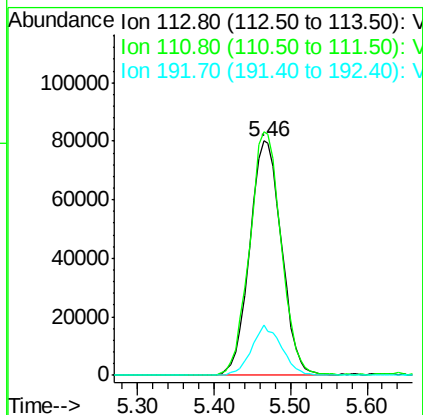
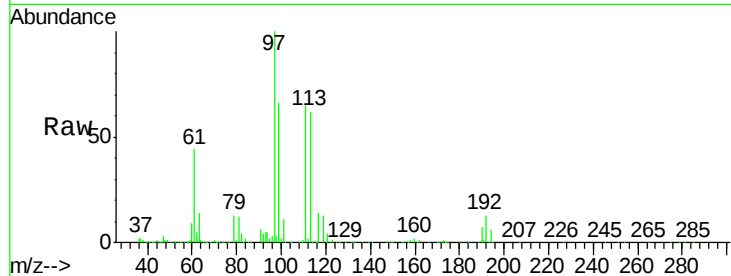
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	113	Resp:	232882
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.6	122.4
192	20.3	15.8	23.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.798 ug/l

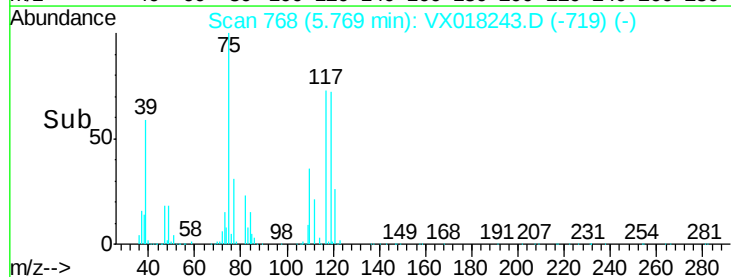
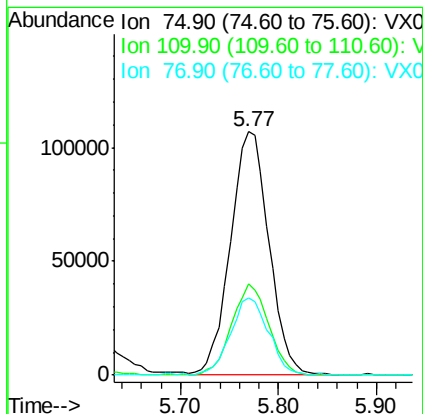
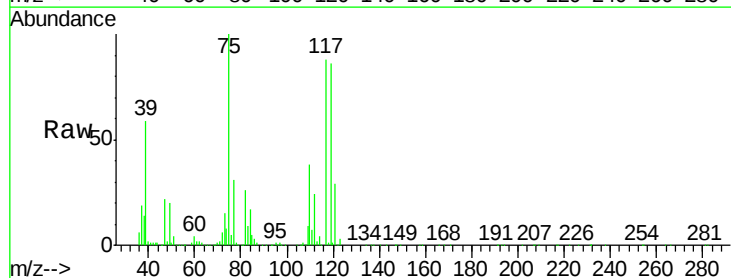
RT: 5.77 min Scan# 768

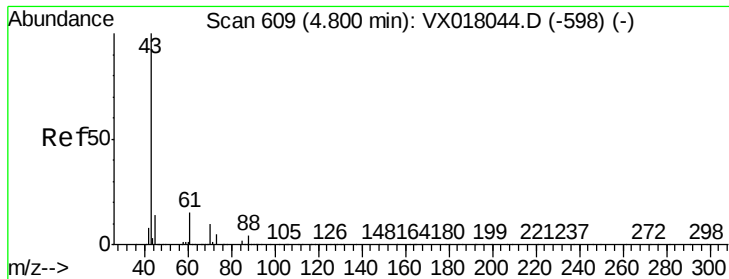
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	75	Resp:	289709
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.0	54.0
77	30.6	24.4	36.6





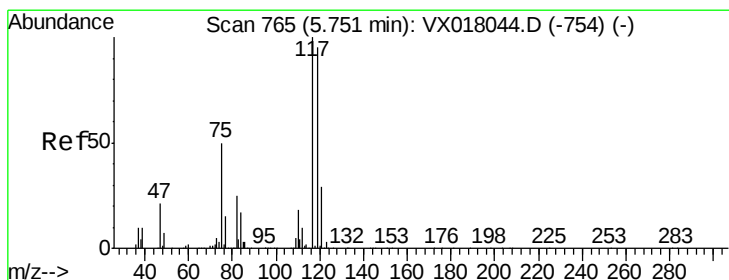
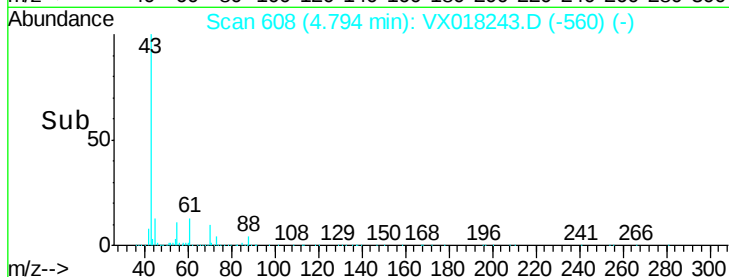
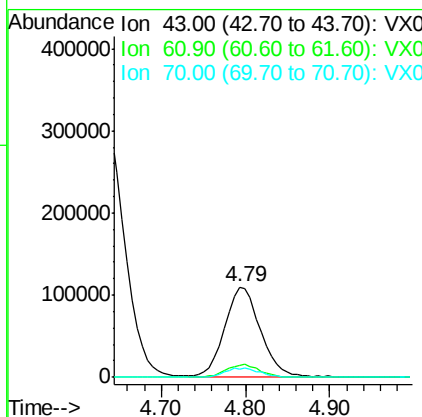
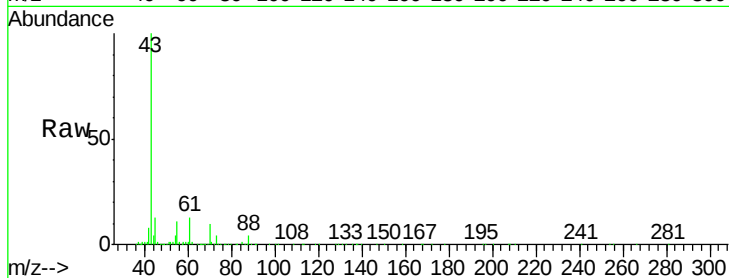
#37
Ethyl Acetate
Concen: 46.598 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		314858		
61	13.7	11.3	16.9		
70	10.5	8.2	12.4		

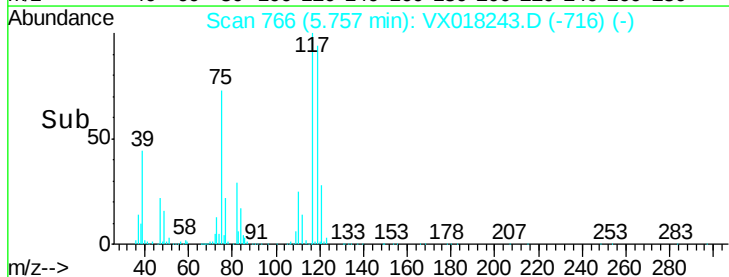
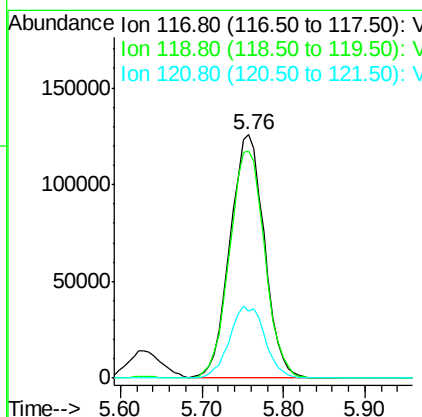
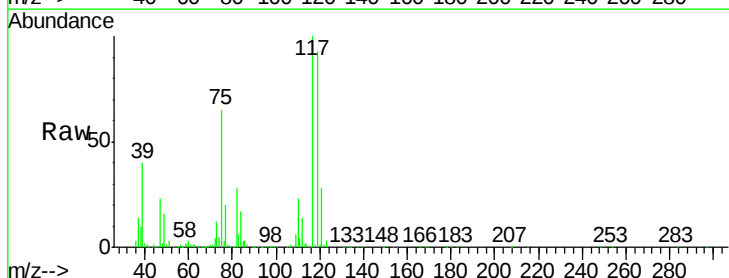
Manual Integrations
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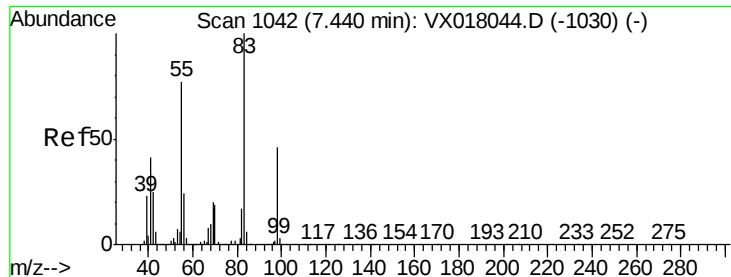
MMDadoda
9/4/2020 9:29:07 AM



#38
Carbon Tetrachloride
Concen: 55.865 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		366264		
119	93.4	75.8	113.6		
121	27.7	23.4	35.0		





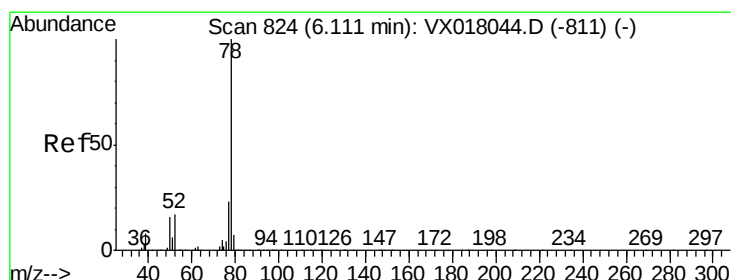
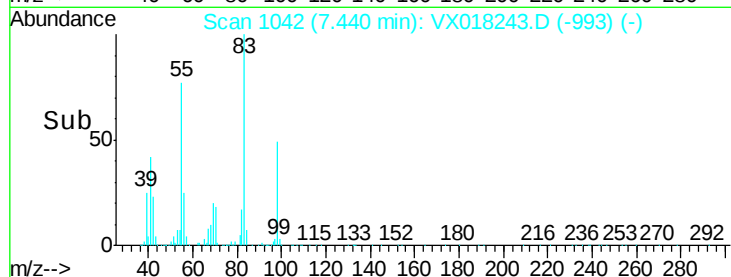
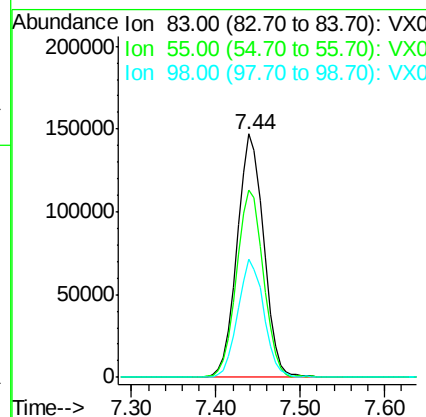
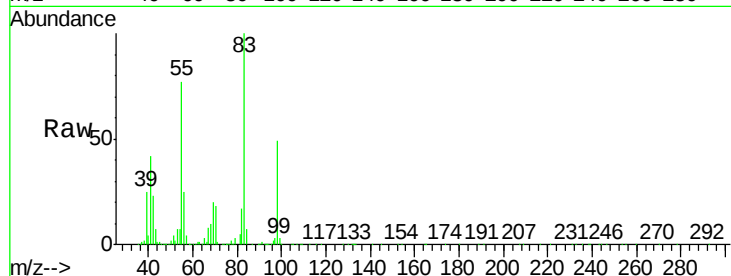
#39
Methvlcvclohexane
Concen: 49.182 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.8	92.6
98	48.6	36.6	55.0

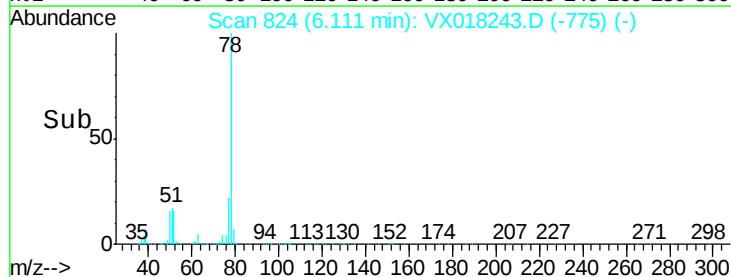
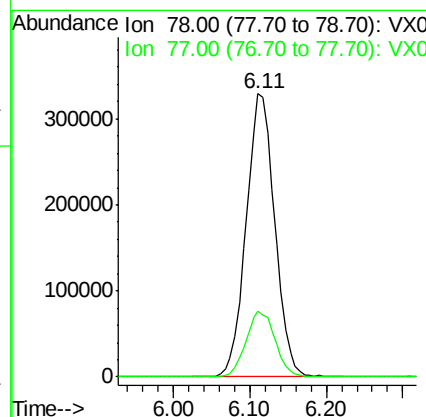
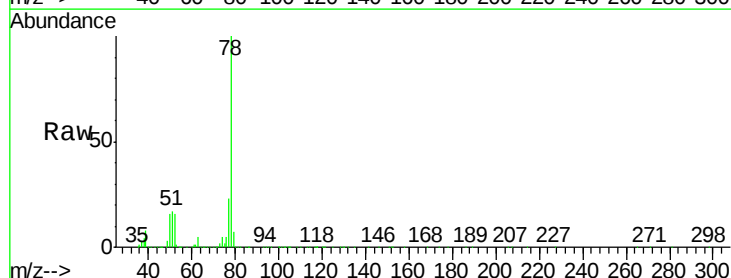
Manual Integrations
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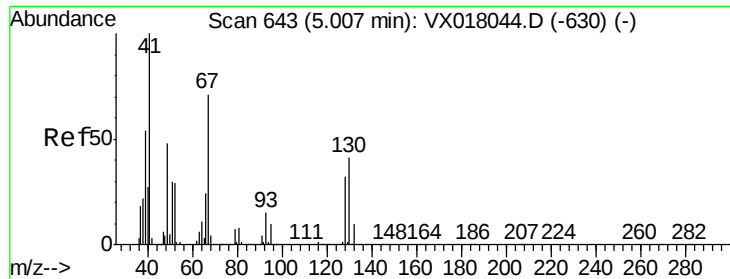
MMDadoda
9/4/2020 9:29:07 AM



#40
Benzene
Concen: 50.087 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.2	27.2





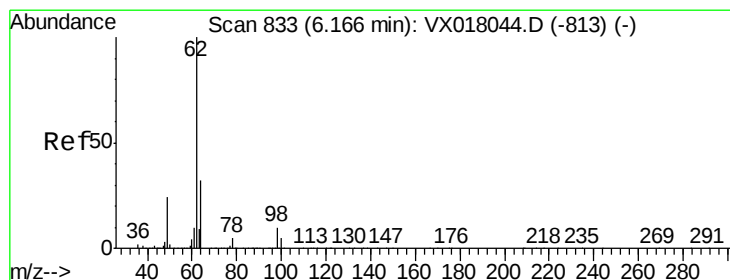
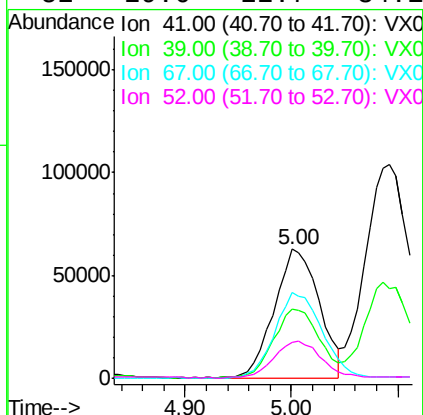
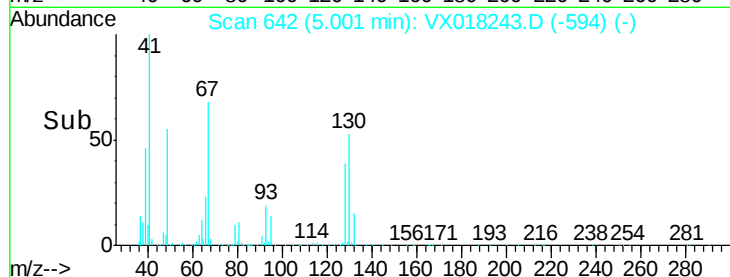
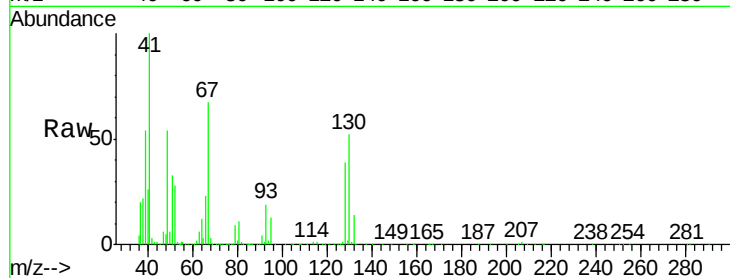
#41
Methacrylonitrile
Concen: 49.372 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ion	Ratio	Lower	Upper
183169	41	100		
	39	53.8	43.1	64.7
	67	69.7	56.0	84.0
	52	29.6	22.7	34.1

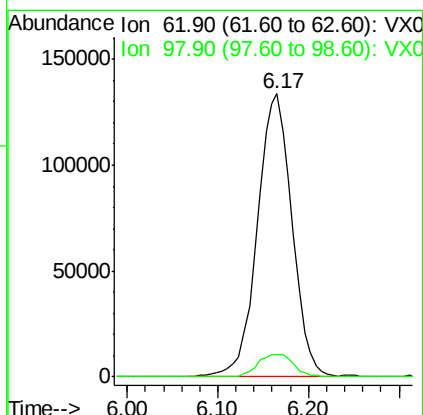
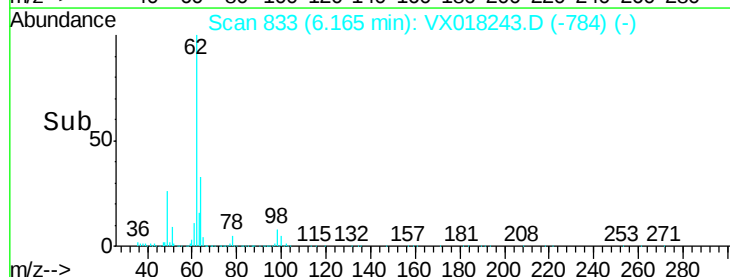
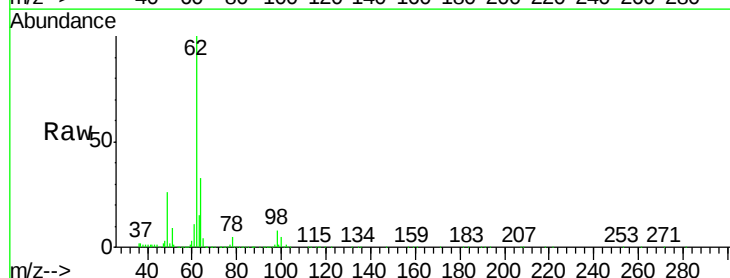
Manual Integrations
APPROVED

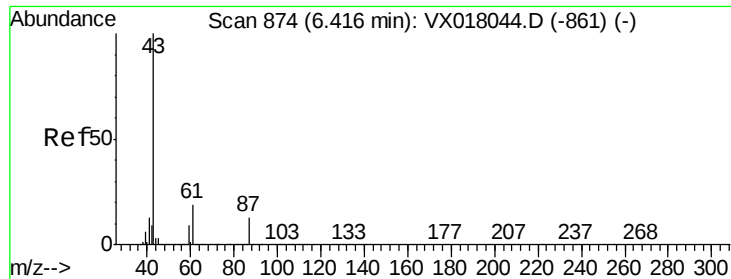
MMDadoda
9/4/2020 9:29:07 AM



#42
1,2-Dichloroethane
Concen: 53.652 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ion	Ratio	Lower	Upper
351394	62	100		
	98	8.4	0.0	18.2





#43

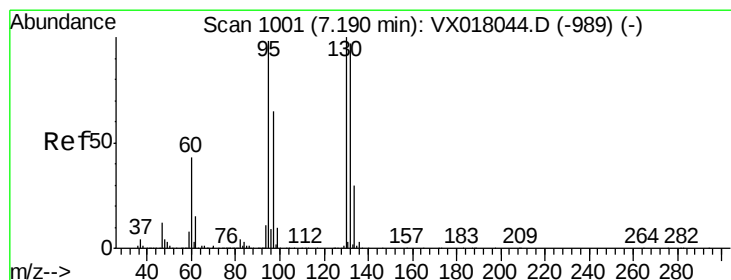
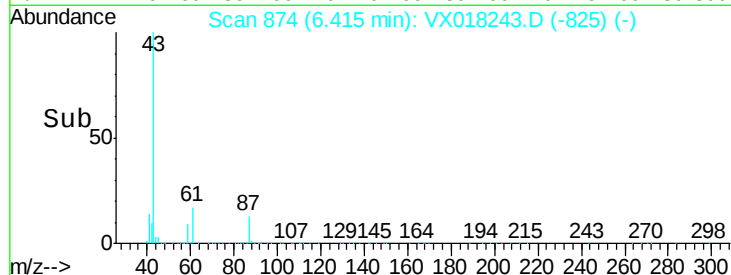
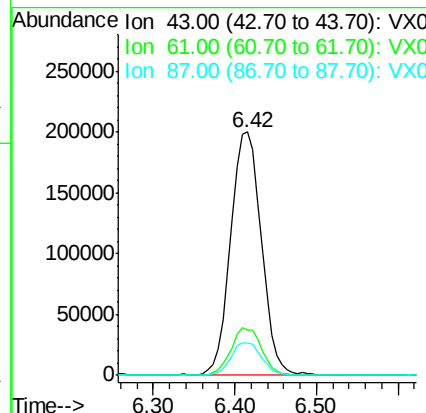
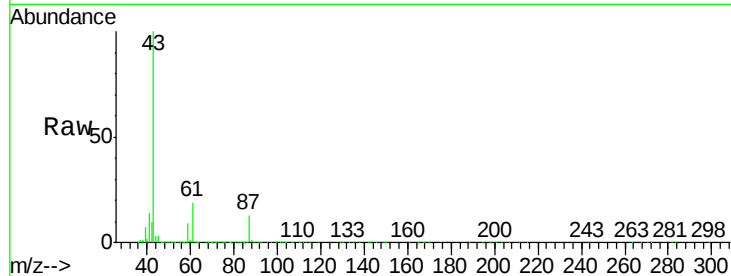
Isopropyl Acetate
 Concen: 47.478 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.6	10.3	15.5

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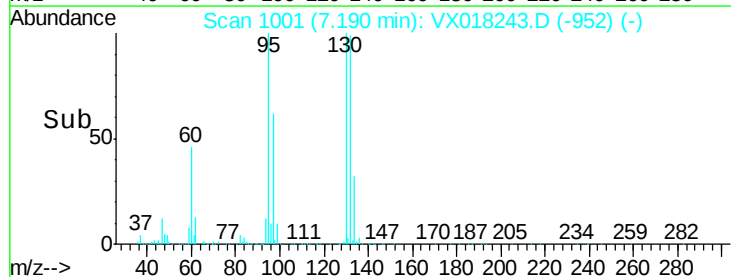
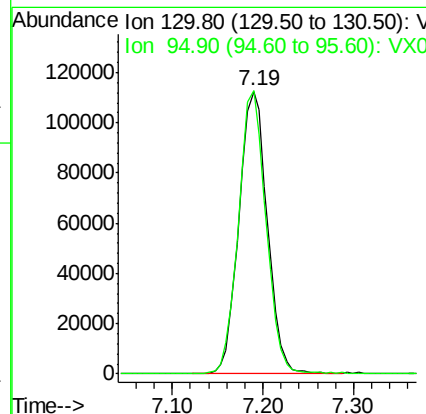
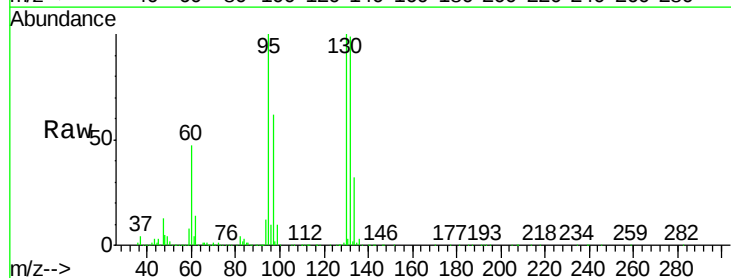
MMDadoda
 9/4/2020 9:29:07 AM



#44

Trichloroethene
 Concen: 50.446 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	196.4





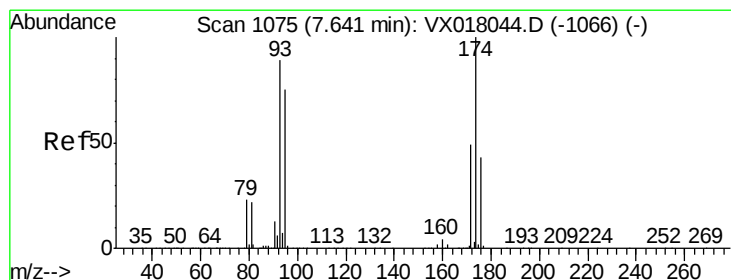
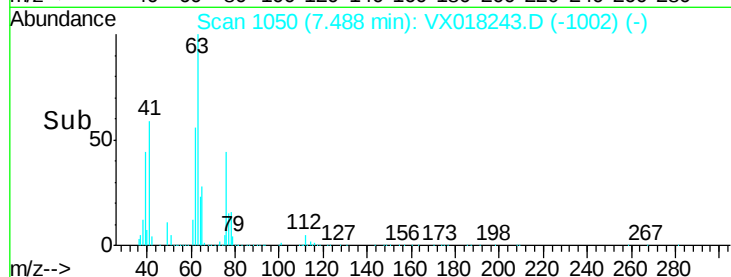
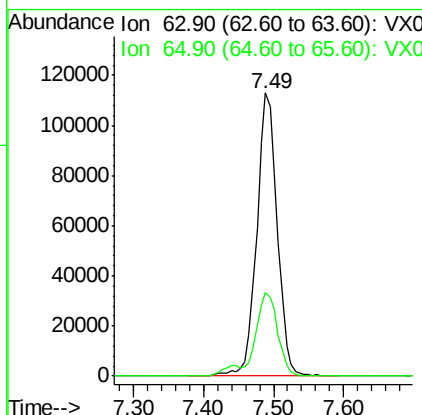
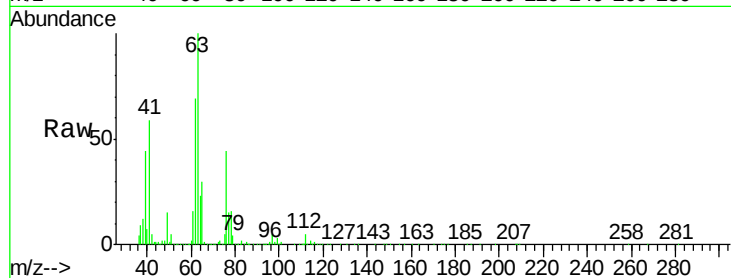
#45
 1,2-Dichloropropane
 Concen: 49.873 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.7	38.5

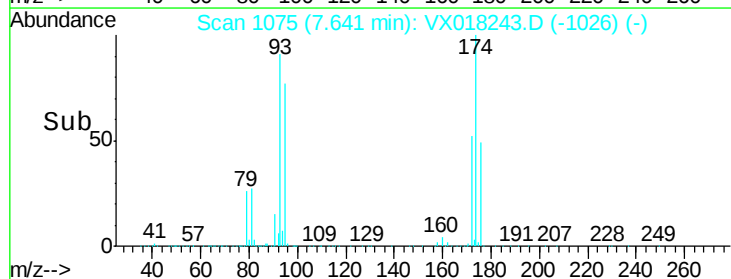
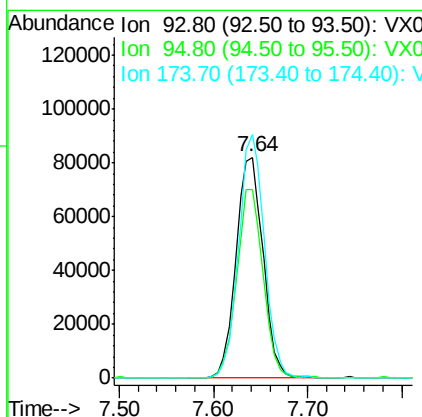
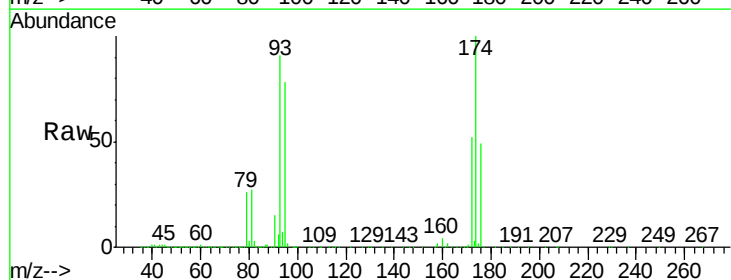
Manual Integrations
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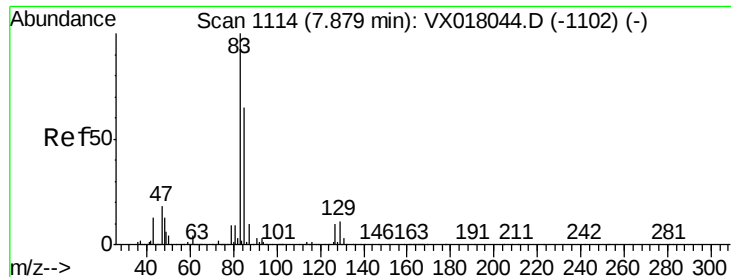
MMDadoda
 9/4/2020 9:29:07 AM



#46
 Dibromomethane
 Concen: 50.834 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	67.3	100.9
174	105.2	82.2	123.2





#47

Bromodichloromethane

Concen: 54.332 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

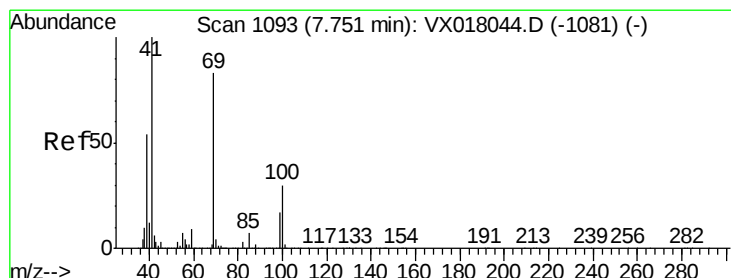
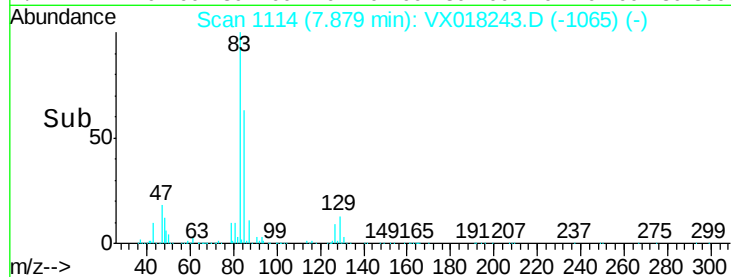
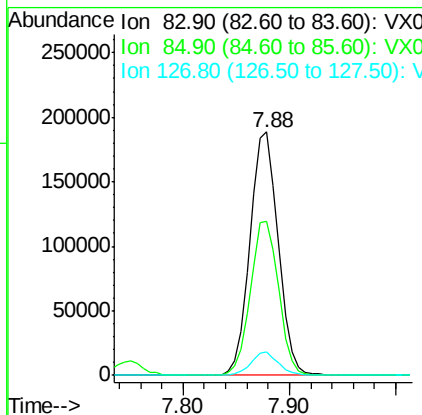
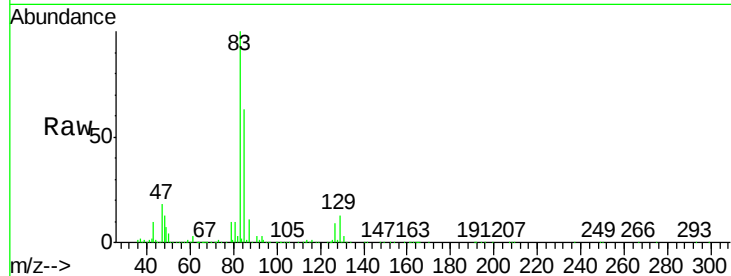
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	83	Resp:	351475
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	9.5	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.798 ug/l

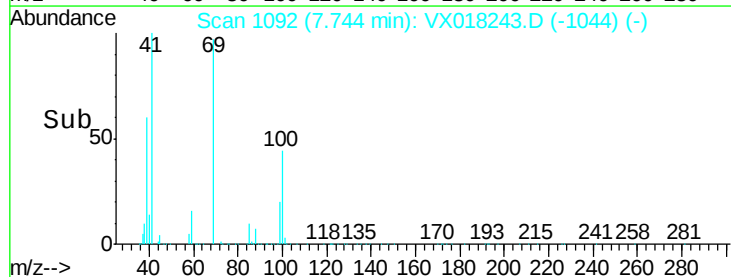
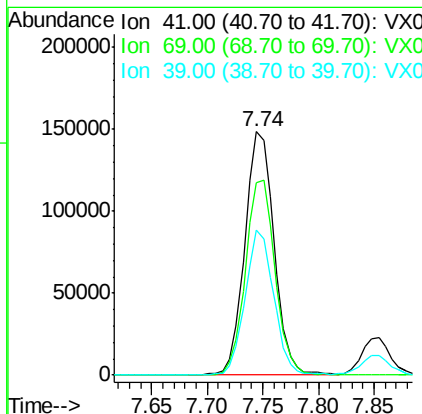
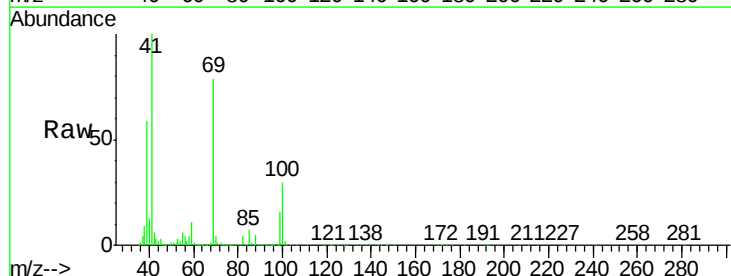
RT: 7.74 min Scan# 1092

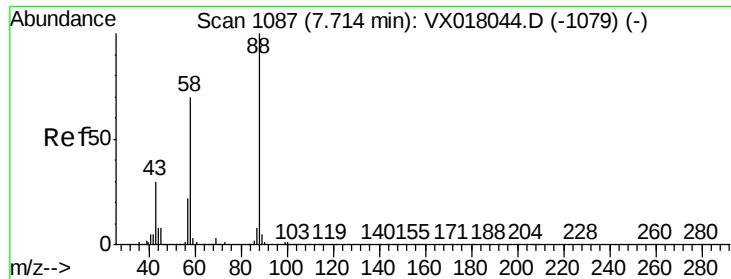
Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	41	Resp:	270546
Ion	Ratio	Lower	Upper
41	100		
69	82.0	65.5	98.3
39	58.2	44.5	66.7





#49

1,4-Dioxane

Concen: 945.259 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

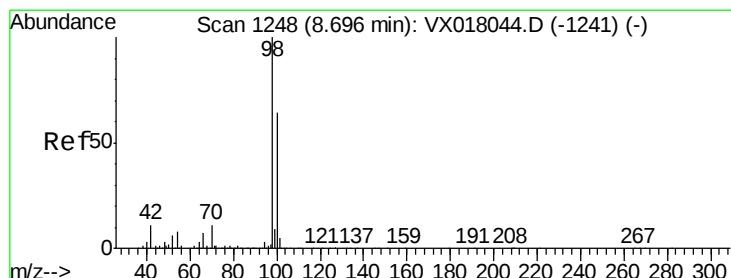
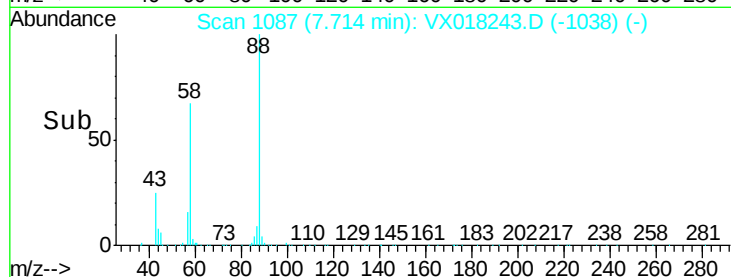
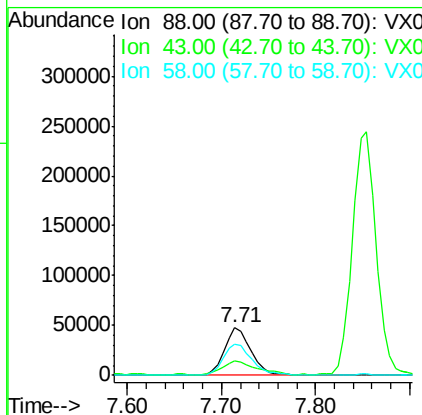
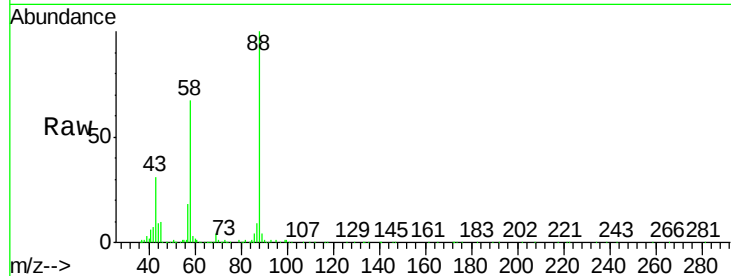
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	88	Resp:	93024
Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.4	41.0
58	72.0	56.4	84.6

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#50

Toluene-d8

Concen: 52.553 ug/l

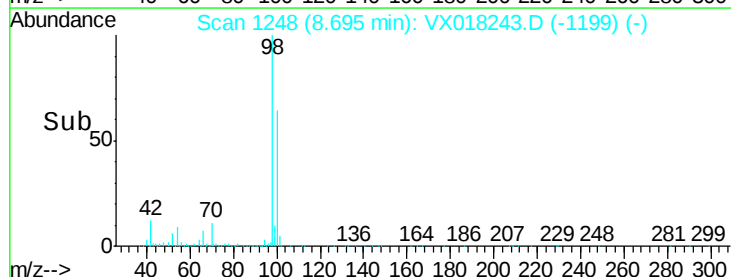
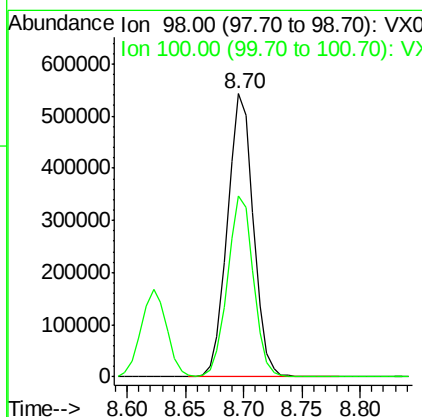
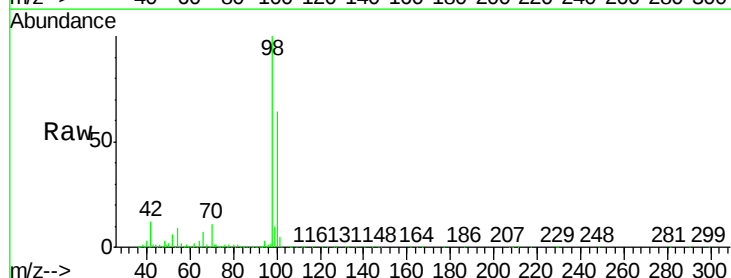
RT: 8.70 min Scan# 1248

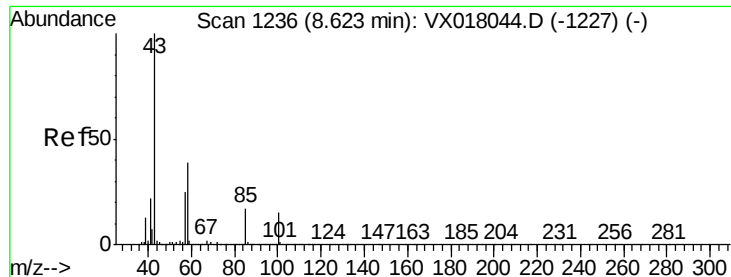
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	98	Resp:	840823
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.4





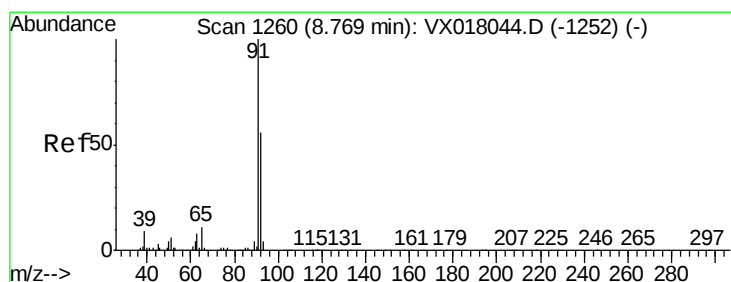
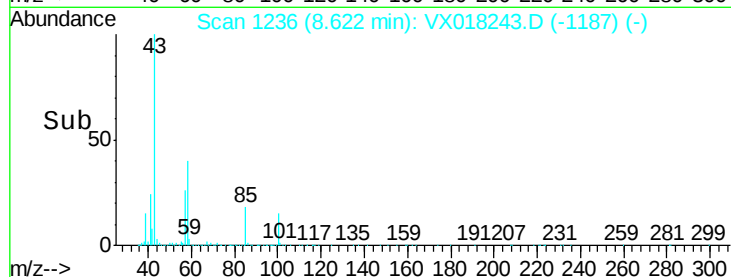
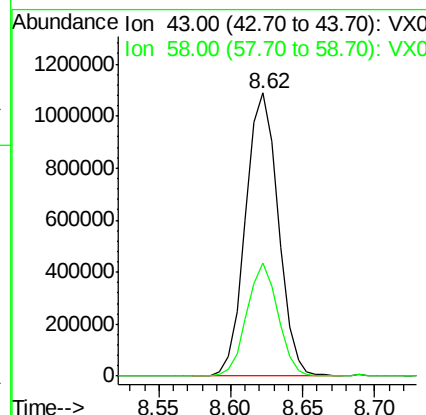
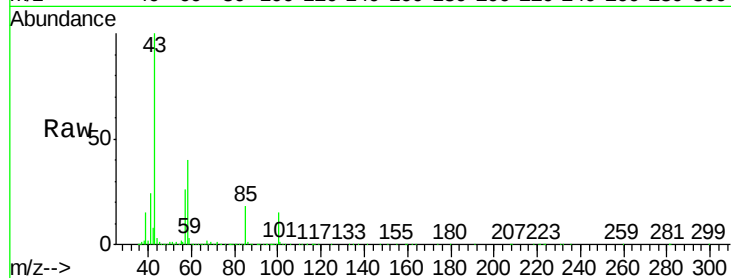
#51
4-Methyl-2-Pentanone
Concen: 254.052 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion: 43 Resp: 1712659
Ion Ratio Lower Upper
43 100
58 38.0 30.7 46.1

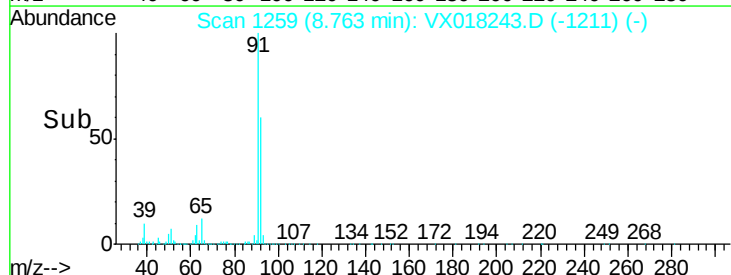
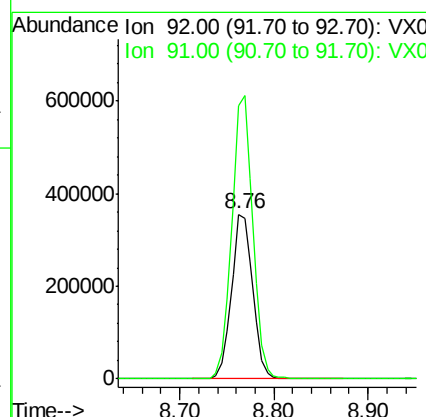
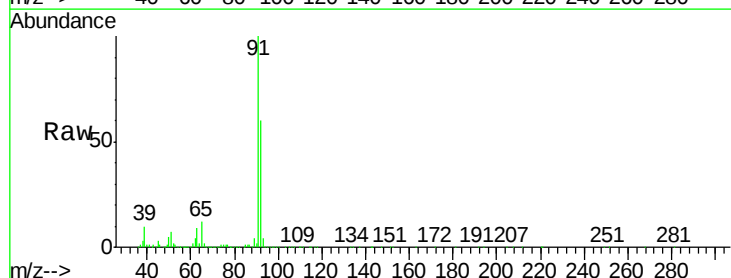
Manual Integrations
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#52
Toluene
Concen: 50.972 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 92 Resp: 552510
Ion Ratio Lower Upper
92 100
91 170.3 140.3 210.5





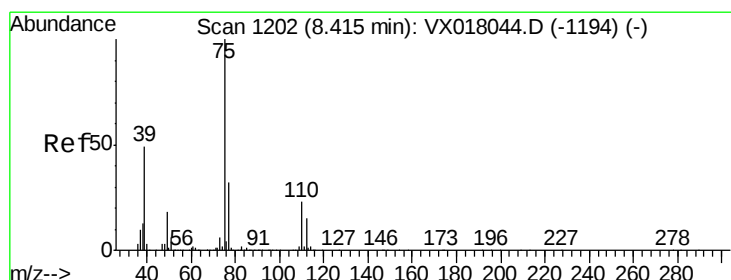
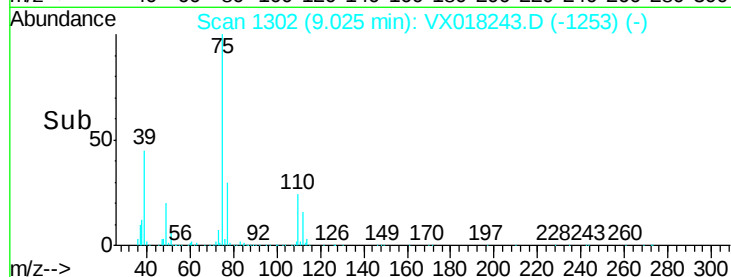
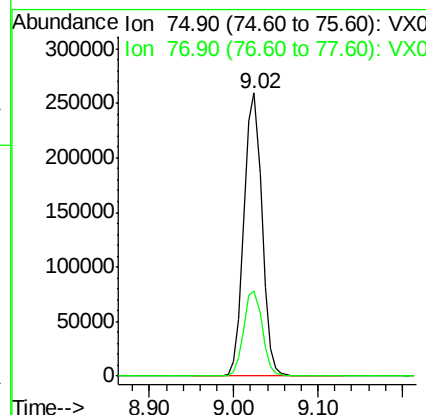
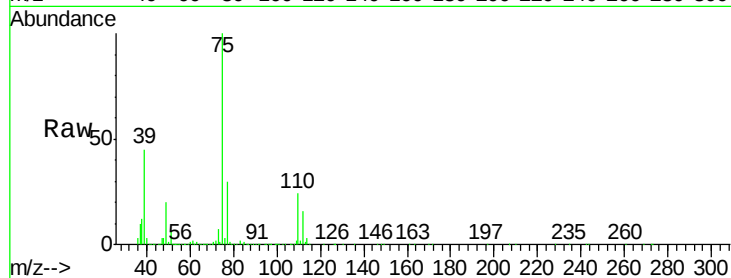
#53
t-1,3-Dichloropropene
Concen: 51.552 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.6	39.8

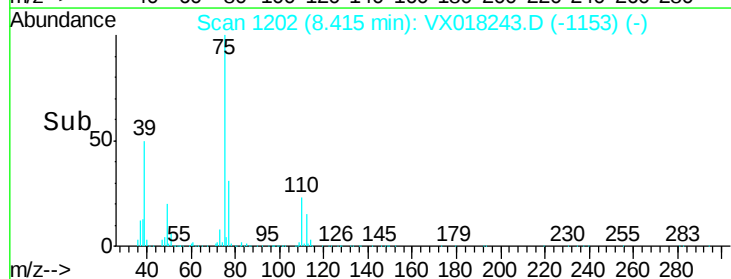
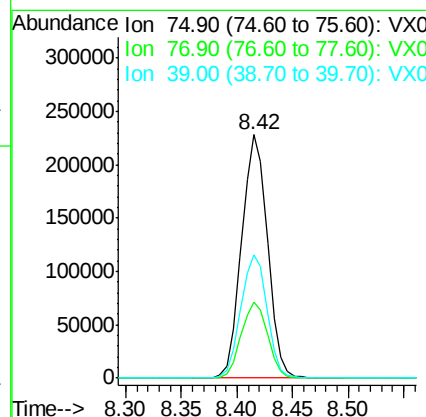
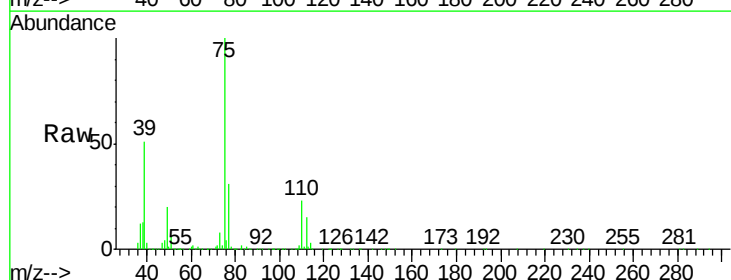
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.8	38.8
39	50.4	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 51.231 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

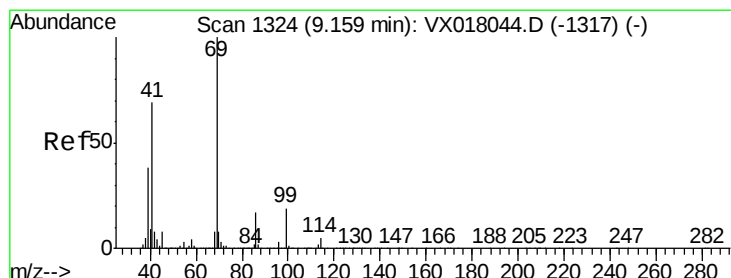
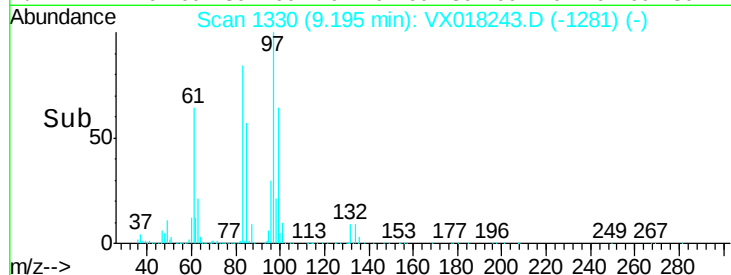
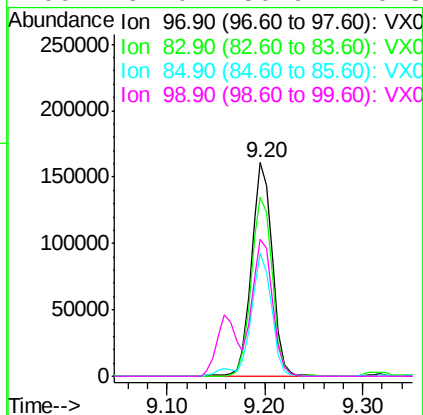
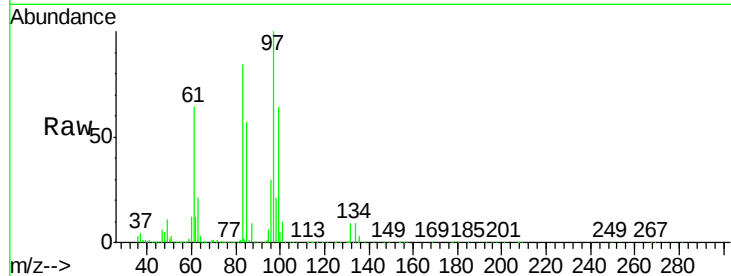
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	97	Resp:	236842
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	57.2	45.3	67.9
99	64.0	50.9	76.3

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#56

Ethyl methacrylate

Concen: 51.114 ug/l

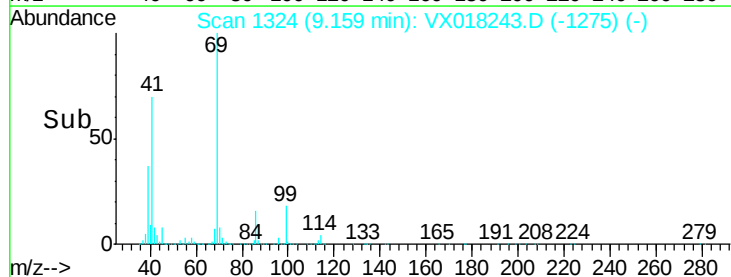
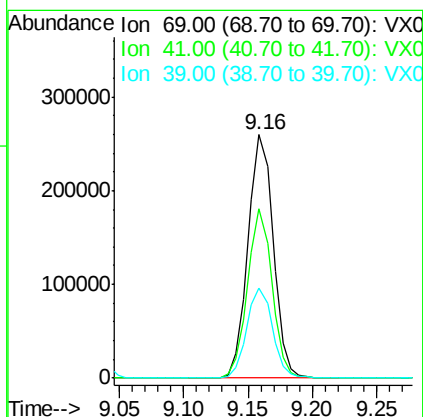
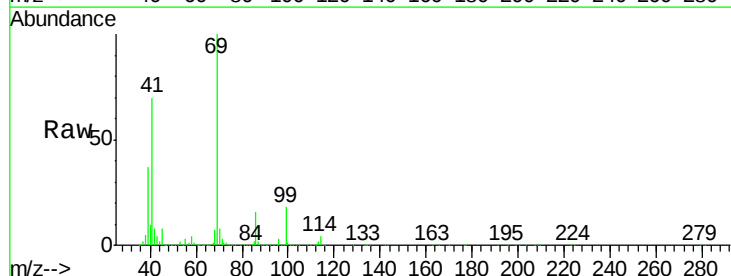
RT: 9.16 min Scan# 1324

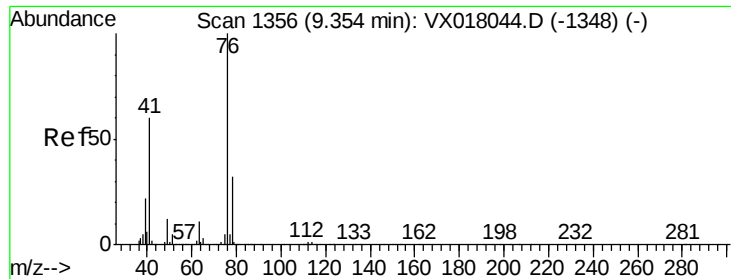
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	69	Resp:	351284
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.6	81.8
39	37.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 50.193 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 76 Resp: 382723

Ion Ratio Lower Upper

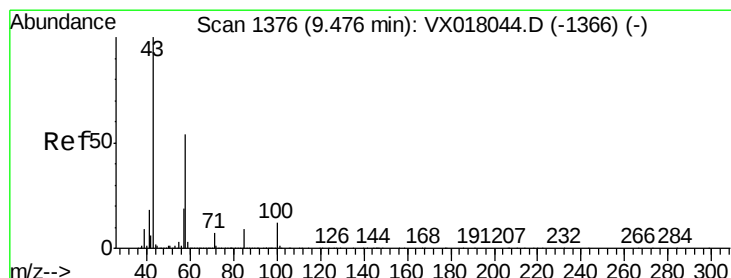
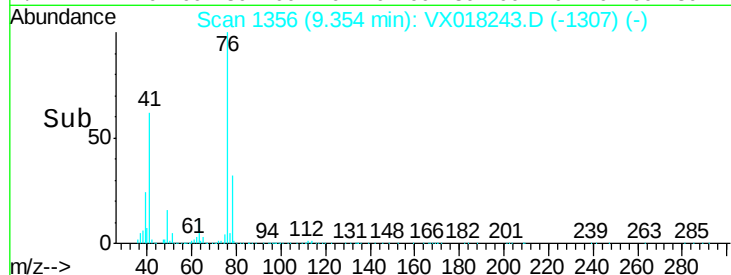
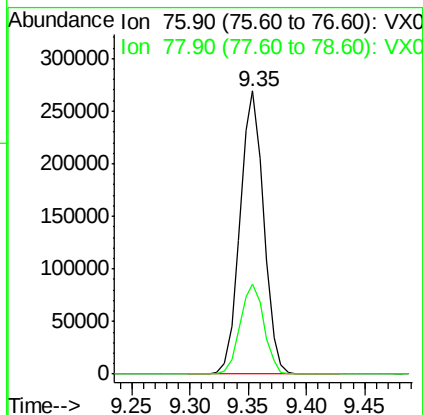
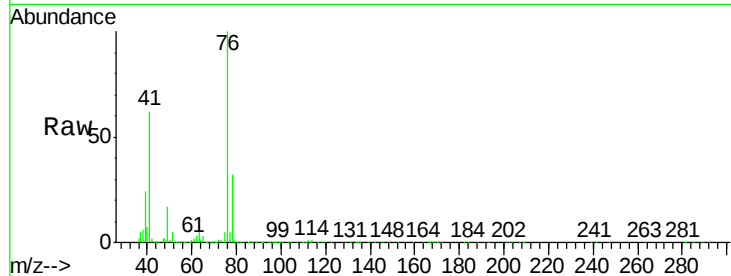
76 100

78 31.9 25.8 38.6

Manual Integrations
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#59

2-Hexanone

Concen: 259.693 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018243.D

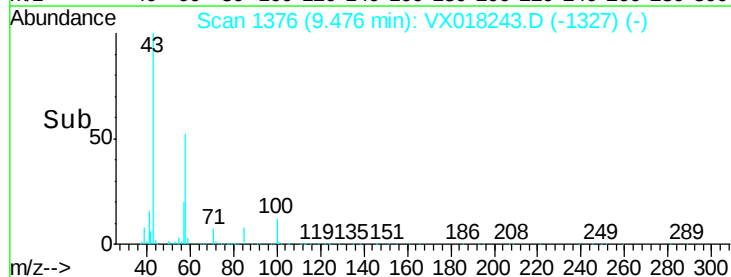
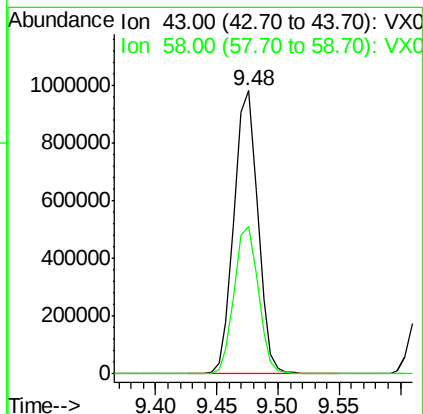
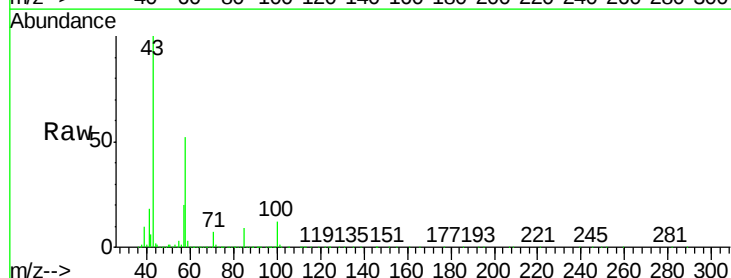
Acq: 03 Sep 2020 18:23

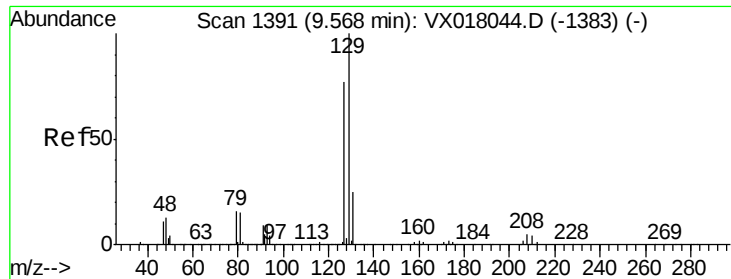
Tgt Ion: 43 Resp: 1331198

Ion Ratio Lower Upper

43 100

58 52.7 26.6 79.7





#60

Dibromochloromethane

Concen: 53.353 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:129 Resp: 289346

Ion Ratio Lower Upper

129 100

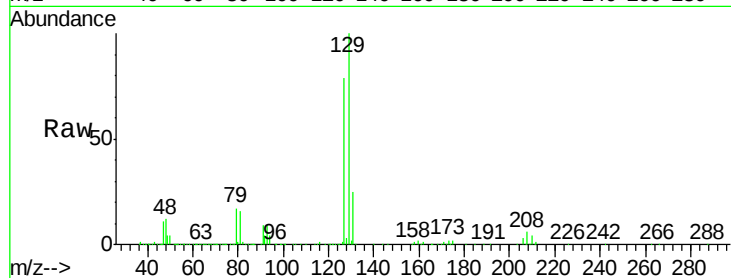
127 78.7 38.9 116.6

Manual Integrations

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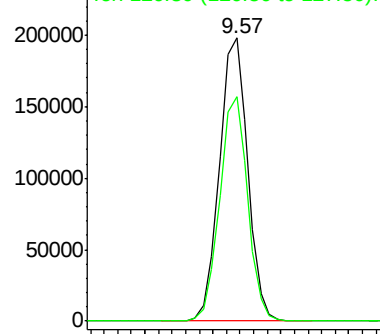
MMDadoda

9/4/2020 9:29:07 AM

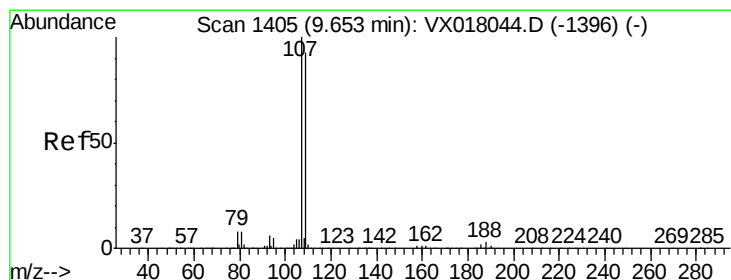
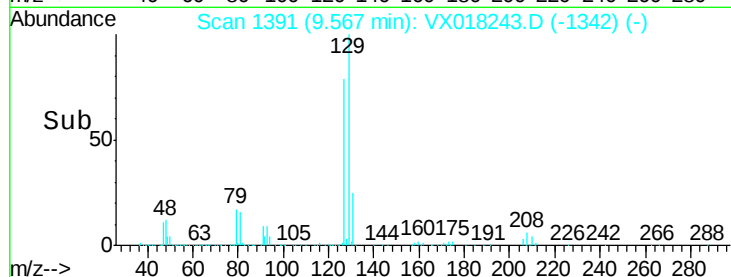


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



Time-->



#61

1,2-Dibromoethane

Concen: 51.622 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018243.D

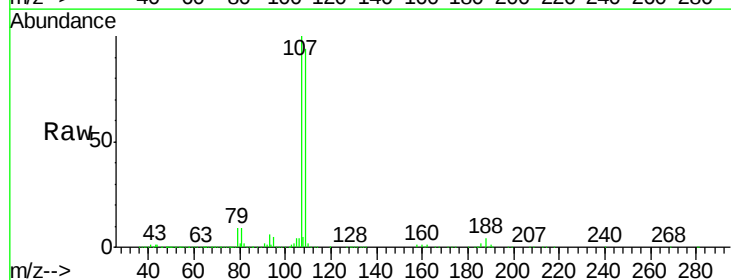
Acq: 03 Sep 2020 18:23

Tgt Ion:107 Resp: 259093

Ion Ratio Lower Upper

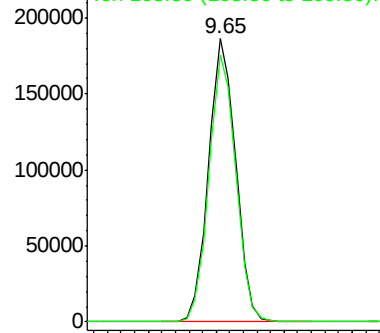
107 100

109 93.6 75.9 113.9

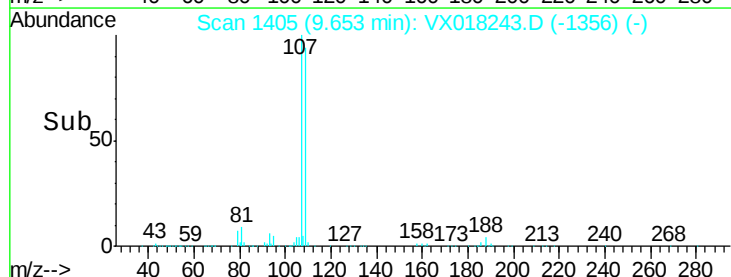


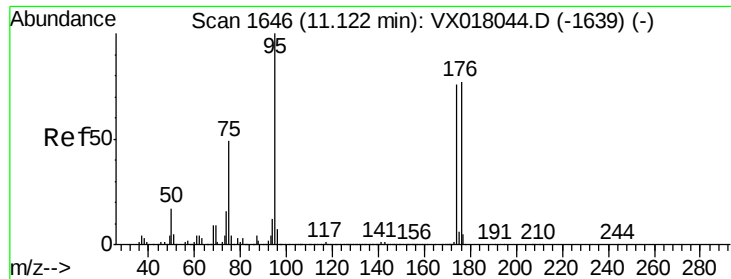
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->





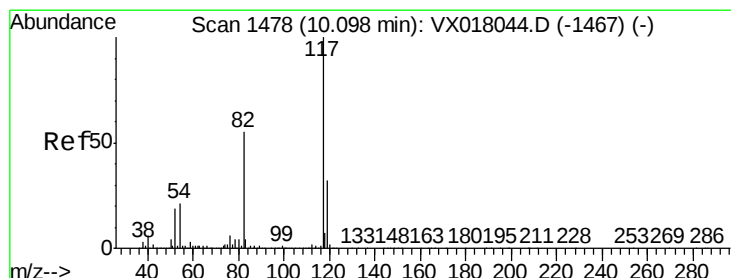
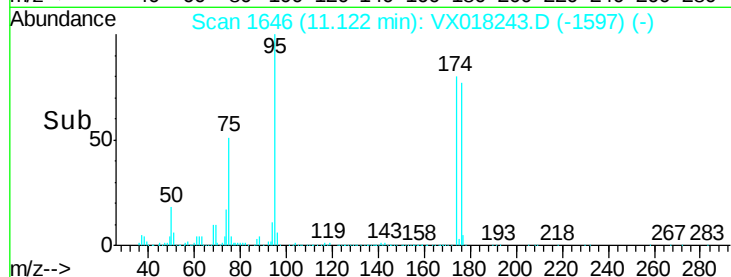
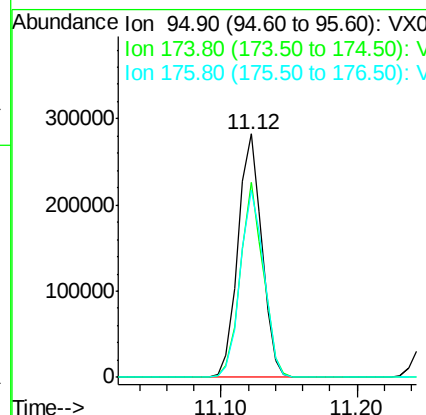
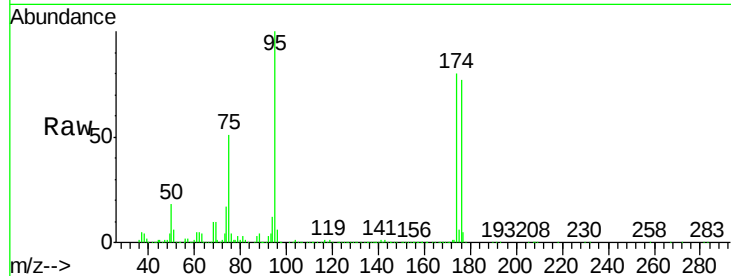
#62
4-Bromofluorobenzene
Concen: 54.477 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	342921		
174	77.4	0.0	160.2	
176	76.9	0.0	155.8	

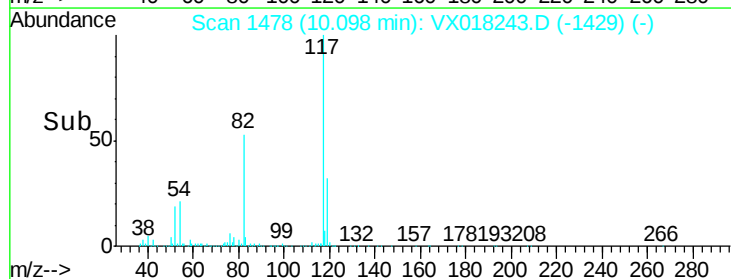
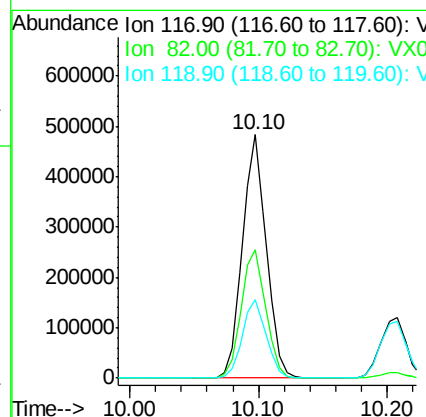
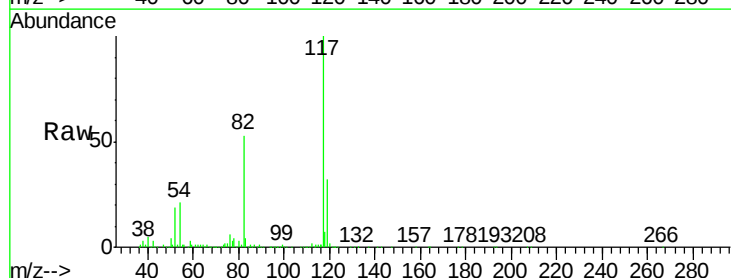
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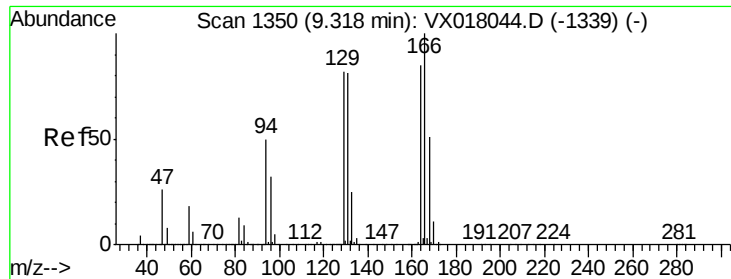
MMDadoda
9/4/2020 9:29:07 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	619817		
82	52.7	44.2	66.2	
119	32.2	25.7	38.5	





#64

Tetrachloroethene

Concen: 47.306 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:164 Resp: 215468

Ion Ratio Lower Upper

164 100

166 116.7 94.2 141.2

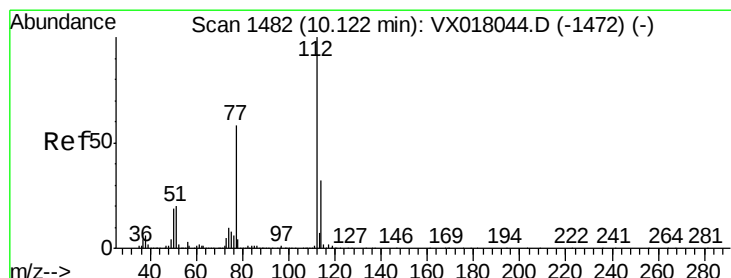
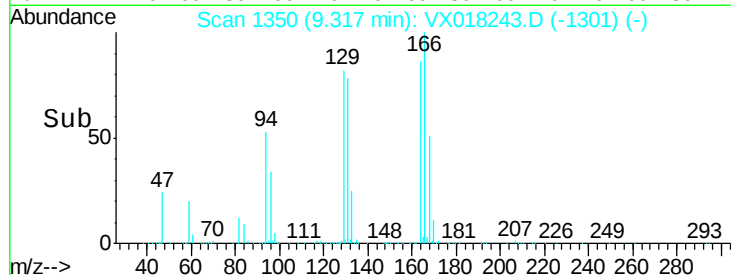
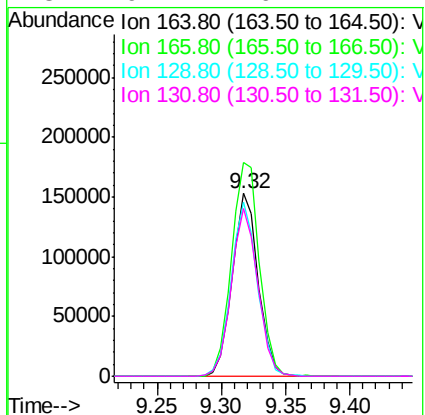
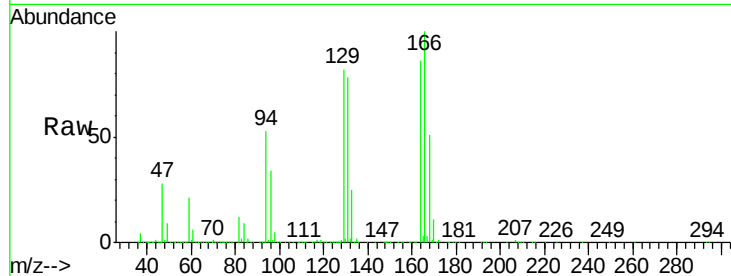
129 95.4 76.9 115.3

131 91.4 76.1 114.1

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#65

Chlorobenzene

Concen: 48.827 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018243.D

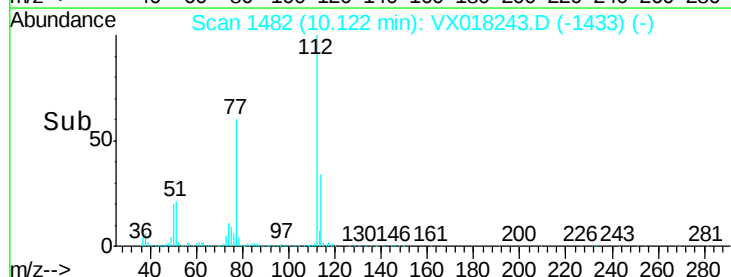
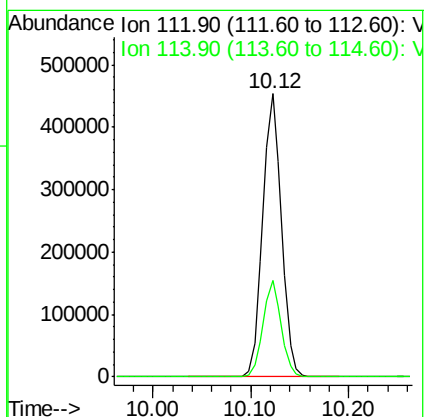
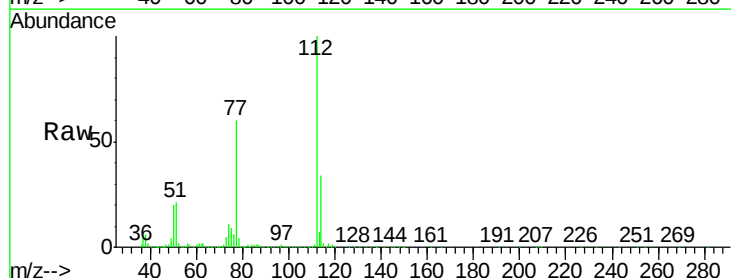
Acq: 03 Sep 2020 18:23

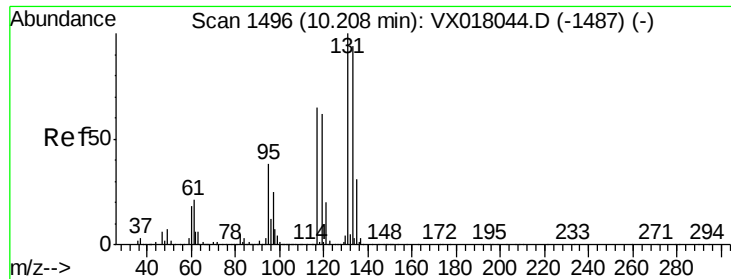
Tgt Ion:112 Resp: 604438

Ion Ratio Lower Upper

112 100

114 34.0 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 51.841 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

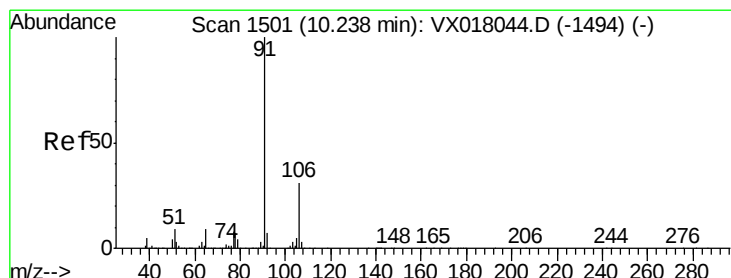
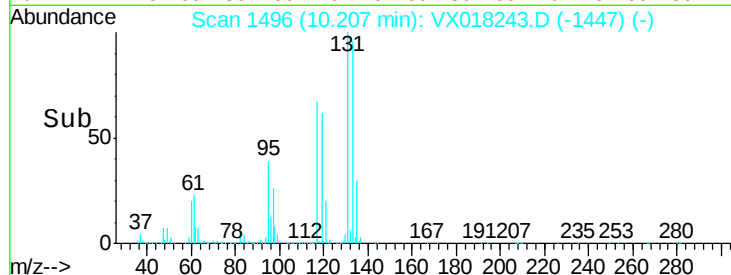
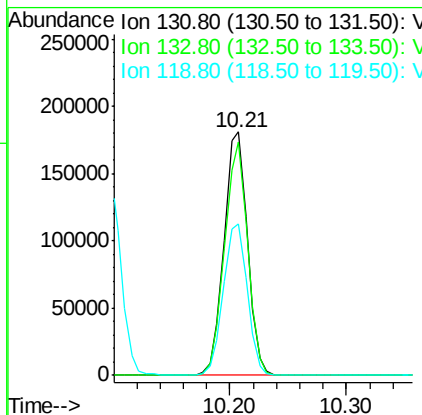
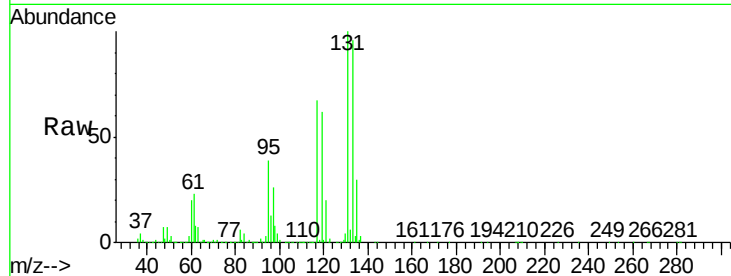
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	131	Resp:	252935
Ion Ratio	Lower	Upper	
131	100		
133	94.0	46.7	140.1
119	63.3	31.8	95.4

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#67

Ethyl Benzene

Concen: 50.612 ug/l

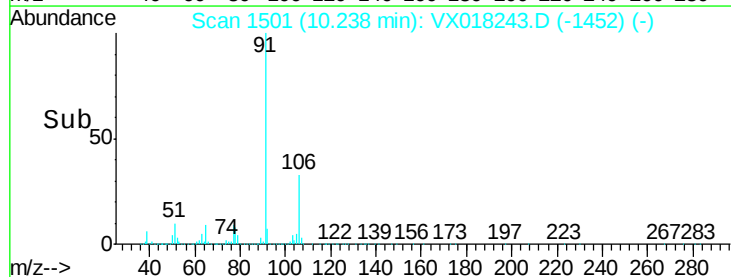
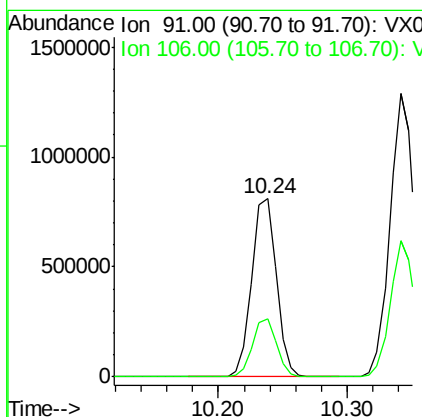
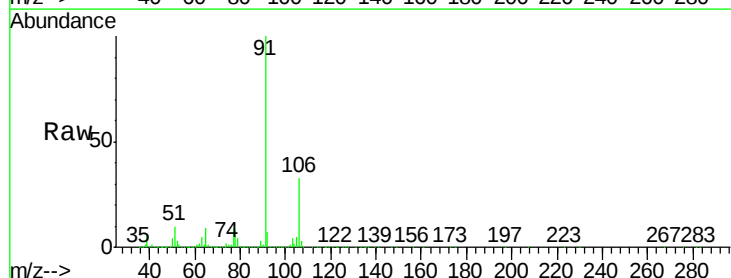
RT: 10.24 min Scan# 1501

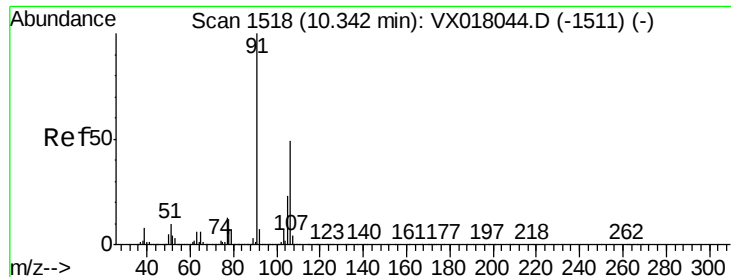
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	91	Resp:	1065479
Ion Ratio	Lower	Upper	
91	100		
106	32.5	24.9	37.3





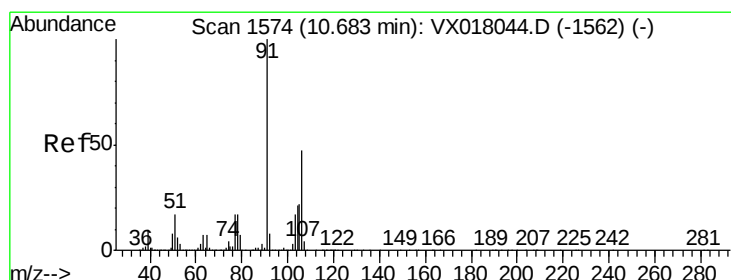
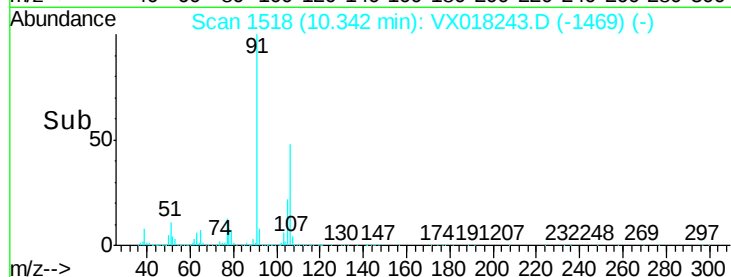
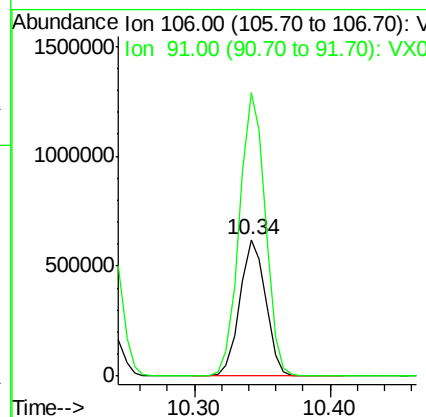
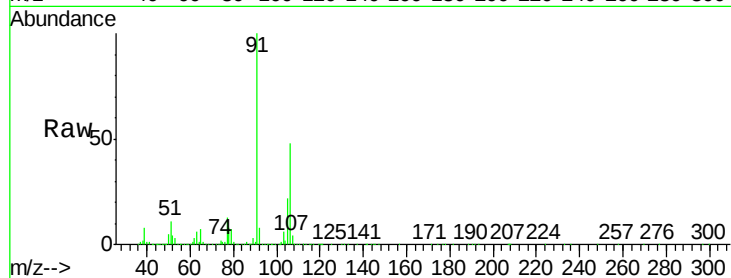
#68
m/p-Xylenes
Concen: 104.403 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	162.2	243.2

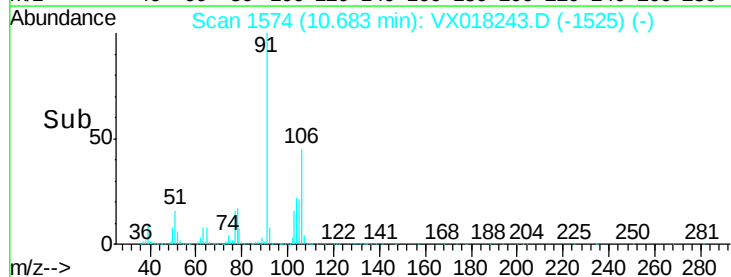
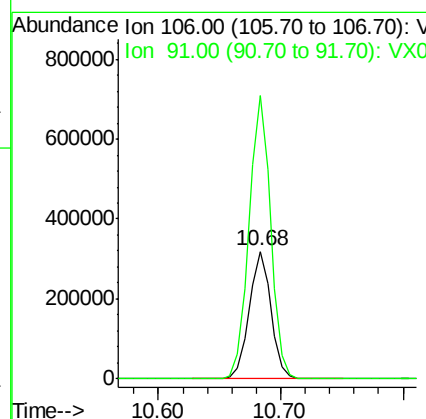
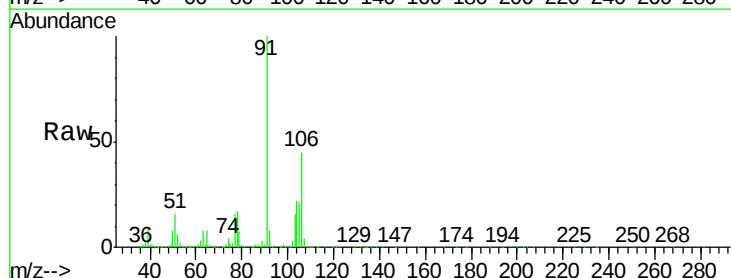
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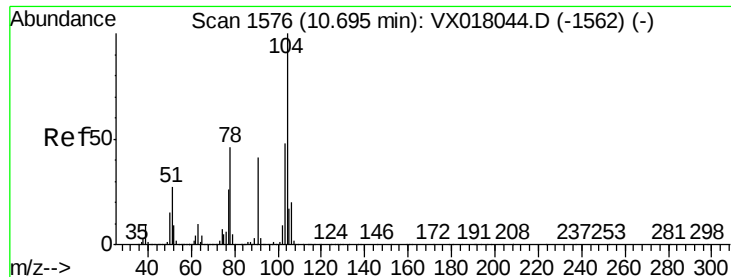
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#69
o-Xylene
Concen: 51.311 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
106	100		
91	221.5	107.1	321.3





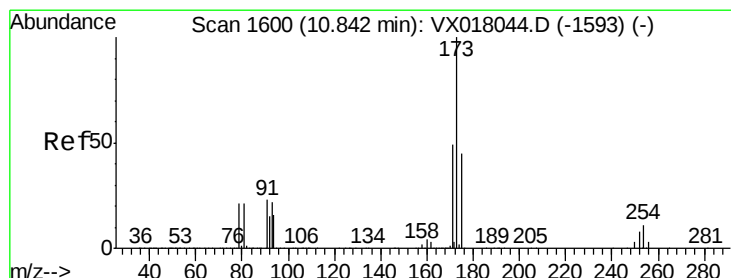
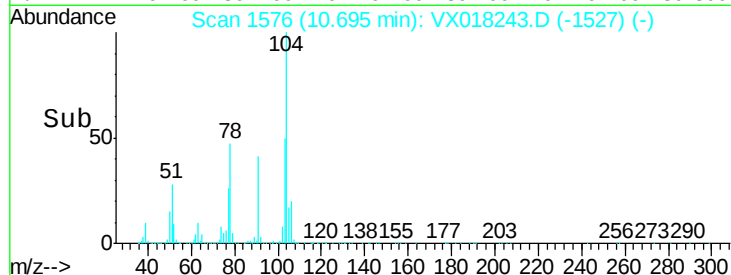
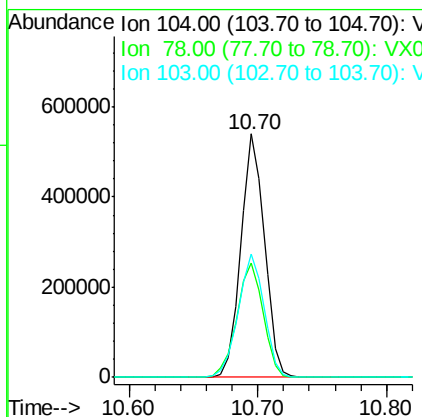
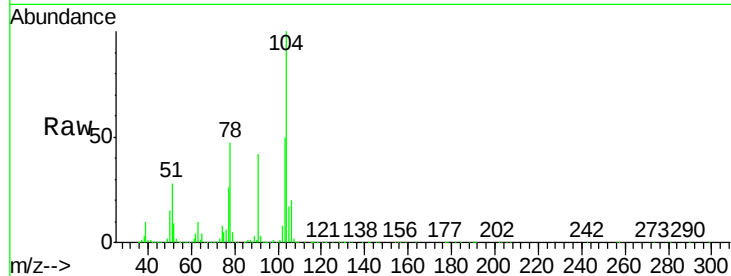
#70
Stvrene
Concen: 52.838 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	685405		
78	52.4		40.9	61.3
103	55.6		43.6	65.4

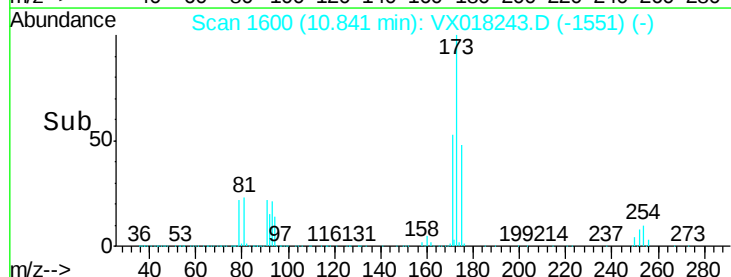
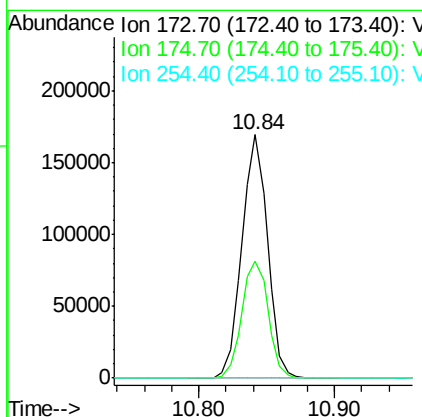
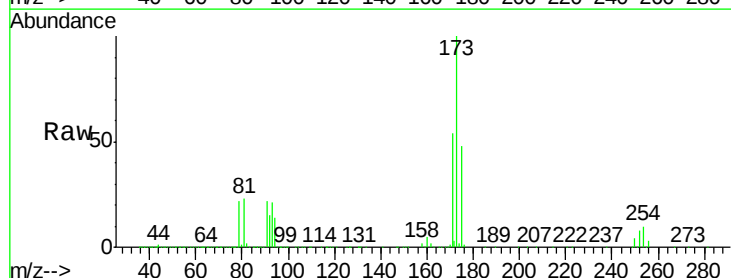
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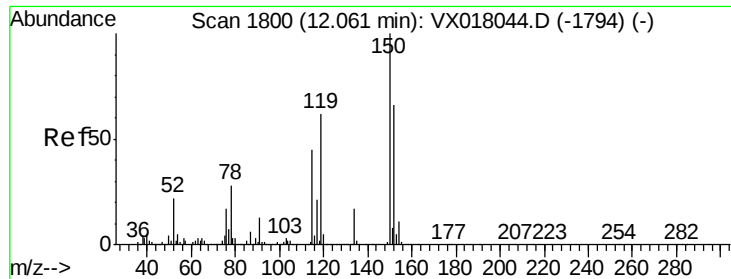
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#71
Bromoform
Concen: 53.473 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	222532		
175	49.7		23.9	71.8
254	0.3		0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

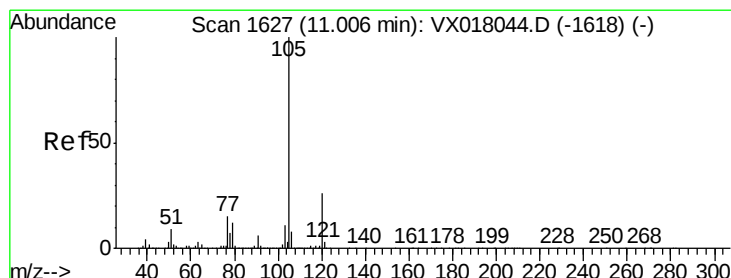
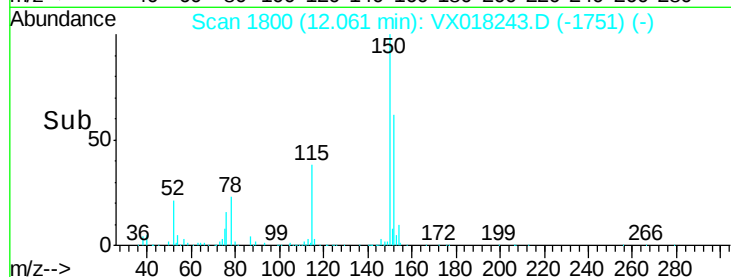
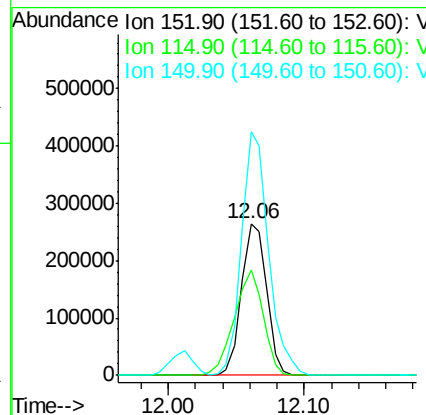
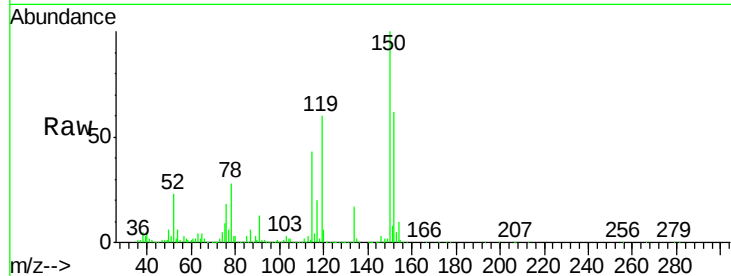
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:	152	Resp:	339720
Ion Ratio	Lower	Upper	
152	100		
115	79.5	41.5	124.5
150	172.9	0.0	343.8

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#73

Isopropylbenzene

Concen: 48.216 ug/l

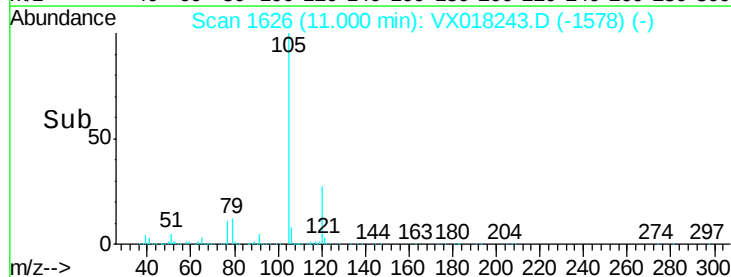
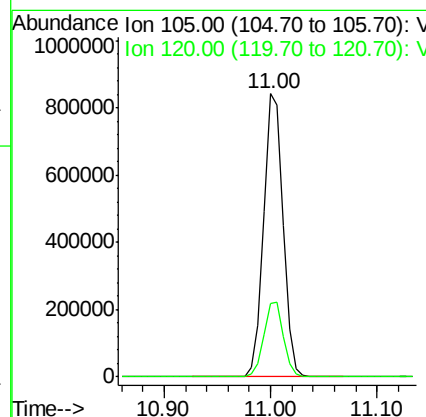
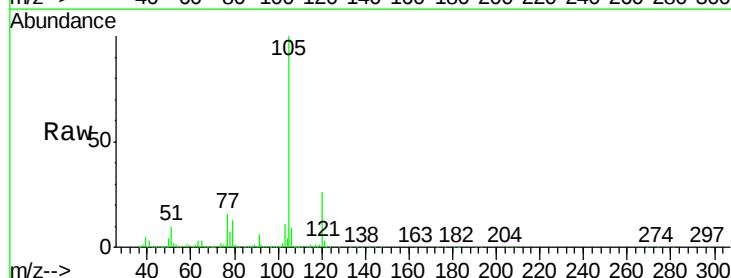
RT: 11.00 min Scan# 1626

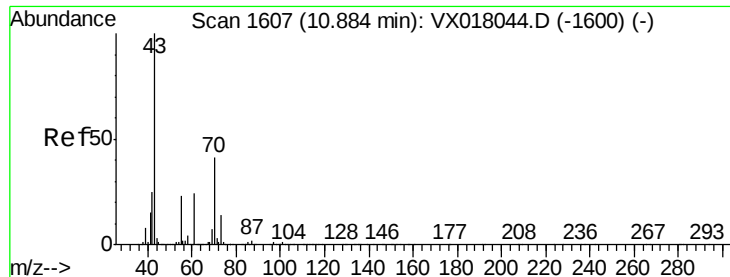
Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion:	105	Resp:	1080435
Ion Ratio	Lower	Upper	
105	100		
120	26.7	13.2	39.5





#74

N-amvl acetate

Concen: 43.755 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

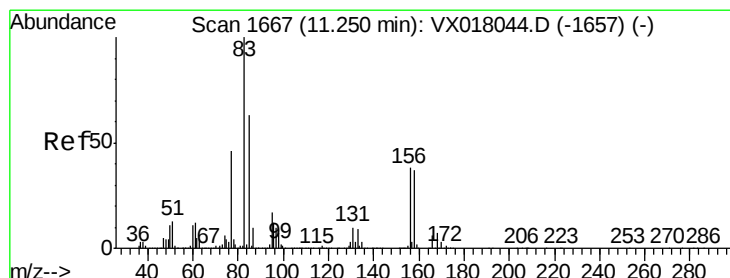
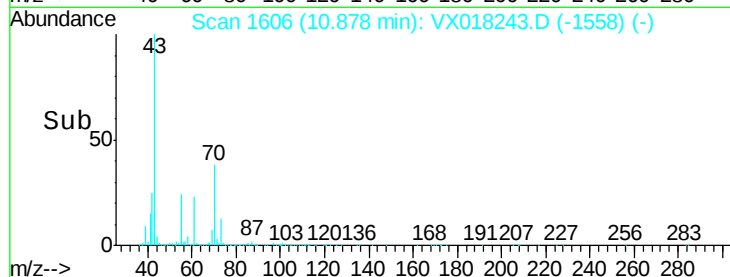
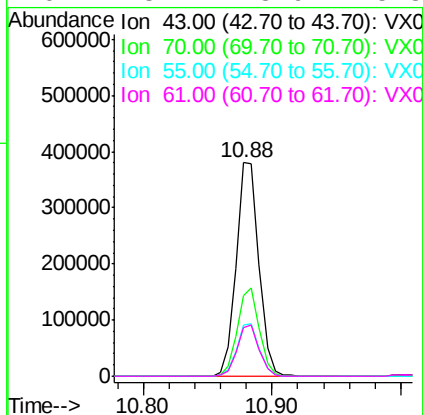
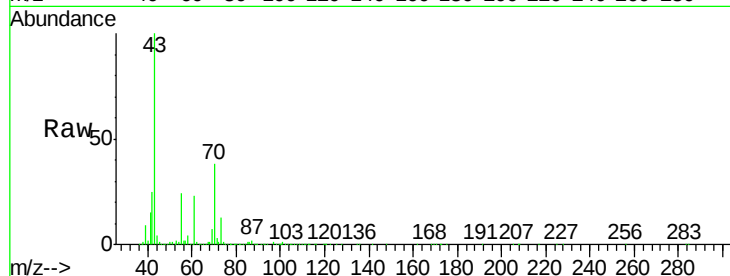
ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100	465200		
70	40.1		32.3	48.5
55	24.4		18.2	27.2
61	23.4		18.9	28.3

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.601 ug/l

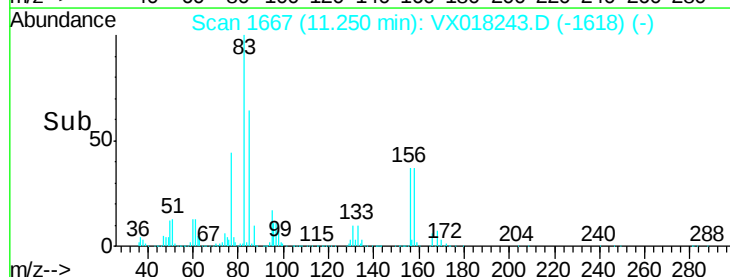
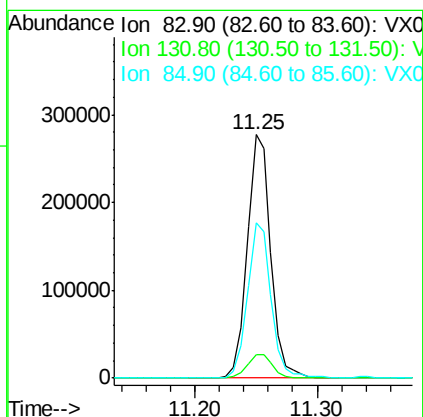
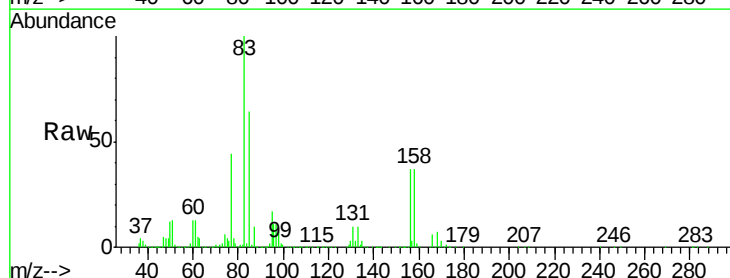
RT: 11.25 min Scan# 1667

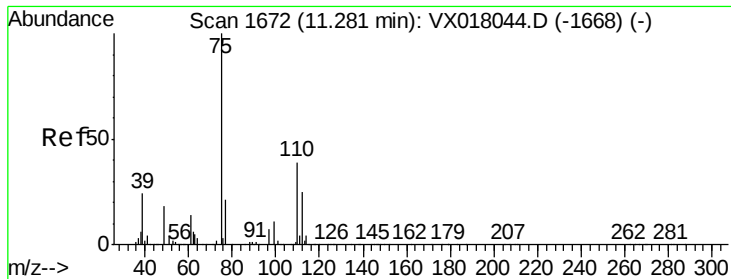
Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	368372		
131	10.7		5.1	15.4
85	64.3		32.2	96.6





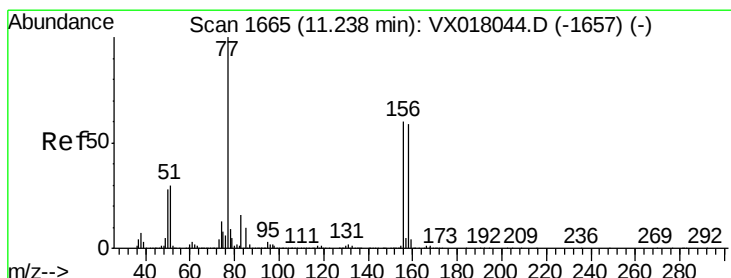
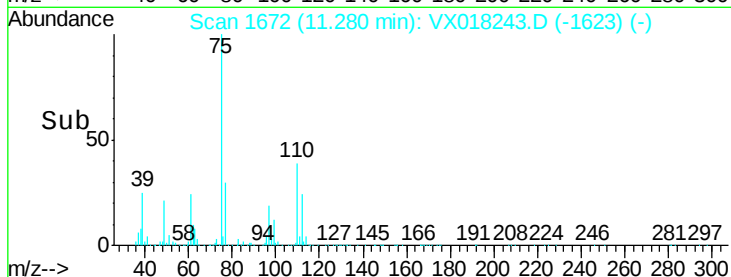
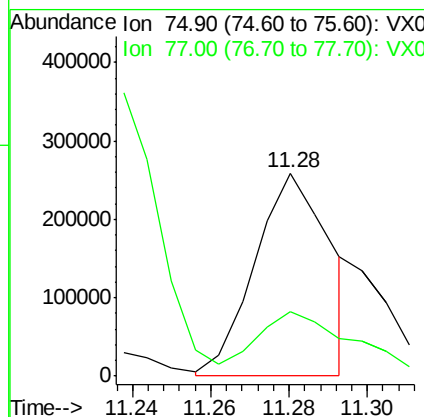
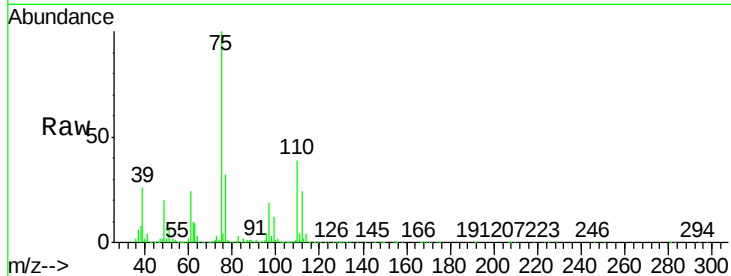
#76
1,2,3-Trichloropropane
Concen: 45.528 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion: 75 Resp: 344068
Ion Ratio Lower Upper
75 100
77 40.7 20.8 62.2

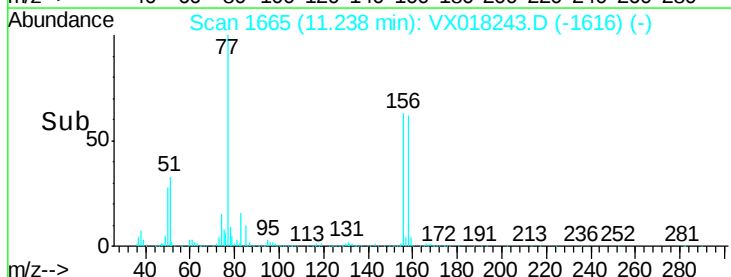
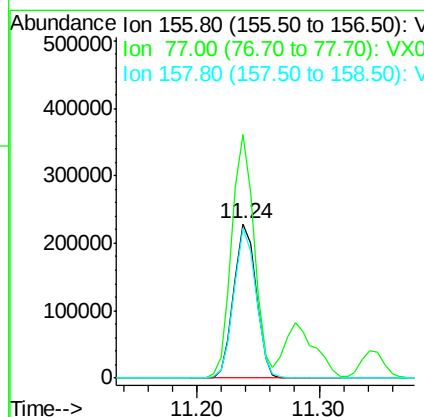
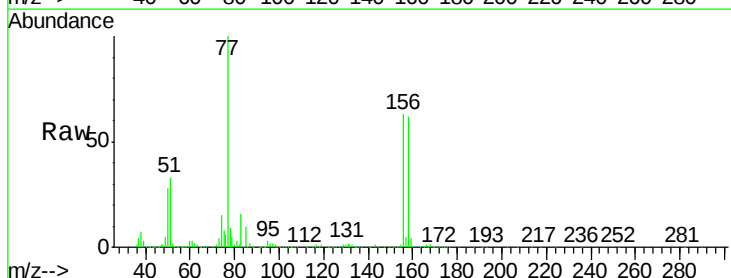
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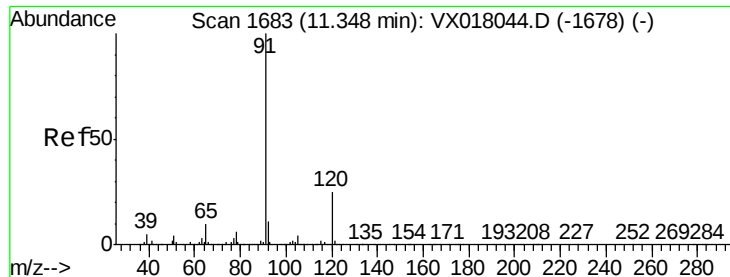
MMDadoda
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#77
Bromobenzene
Concen: 46.533 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion: 156 Resp: 288230
Ion Ratio Lower Upper
156 100
77 158.6 80.0 240.2
158 96.8 49.5 148.7





#78

n-propylbenzene

Concen: 48.705 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion: 91 Resp: 1239220

Ion Ratio Lower Upper

91 100

120 23.7

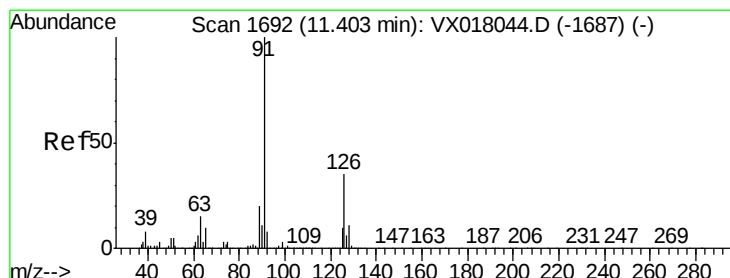
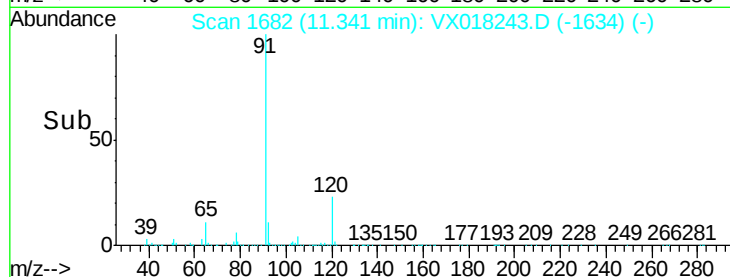
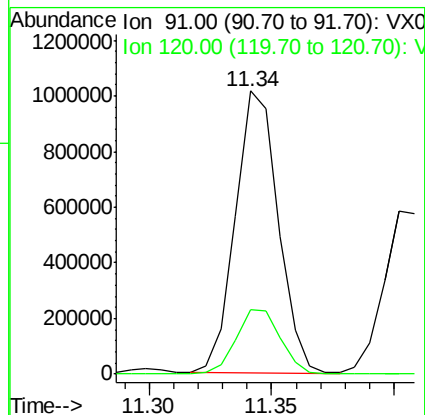
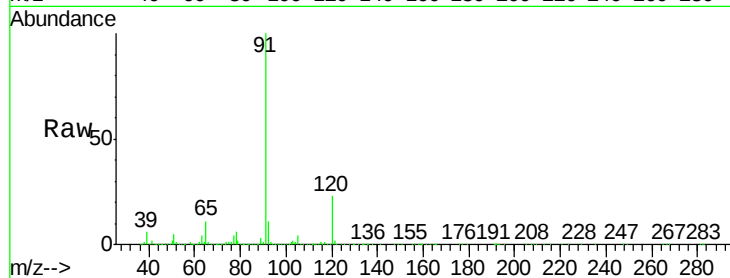
11.9

35.9

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#79

2-Chlorotoluene

Concen: 47.777 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Tgt Ion: 91 Resp: 751039

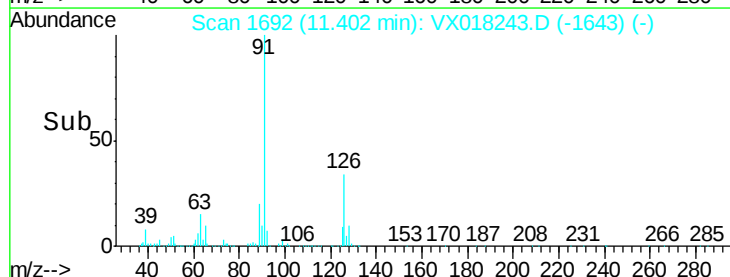
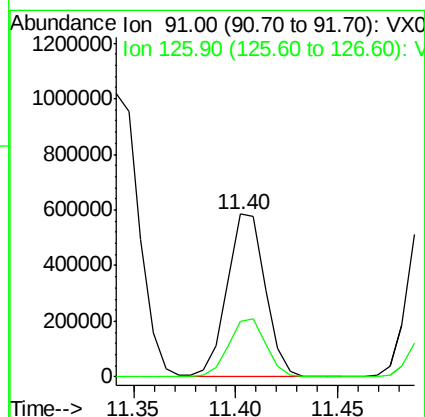
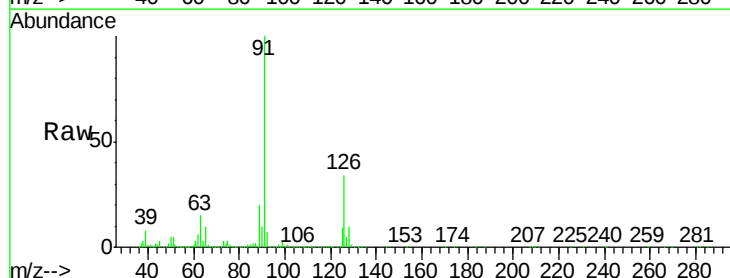
Ion Ratio Lower Upper

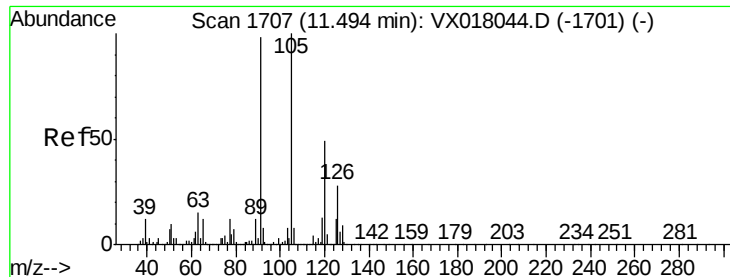
91 100

126 35.1

17.4

52.2





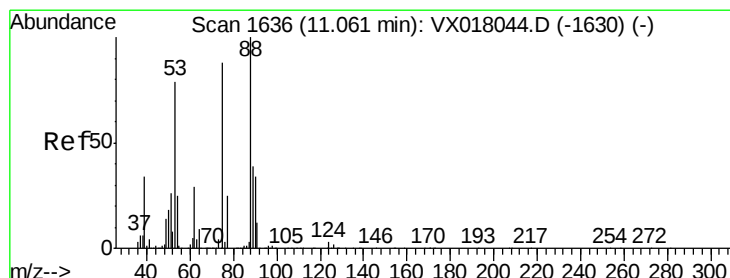
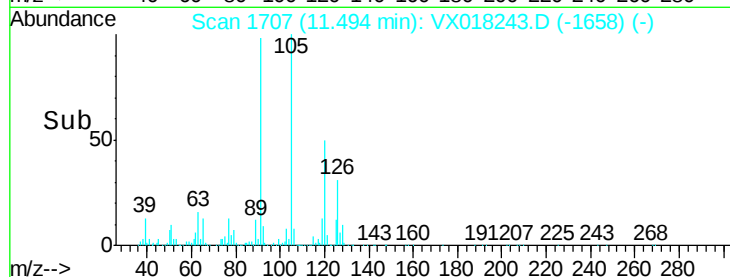
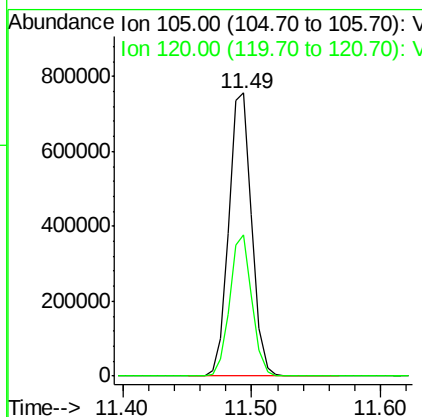
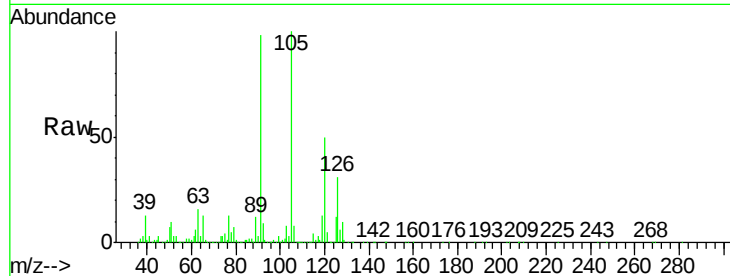
#80
 1,3,5-Trimethylbenzene
 Concen: 51.196 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.1	72.2

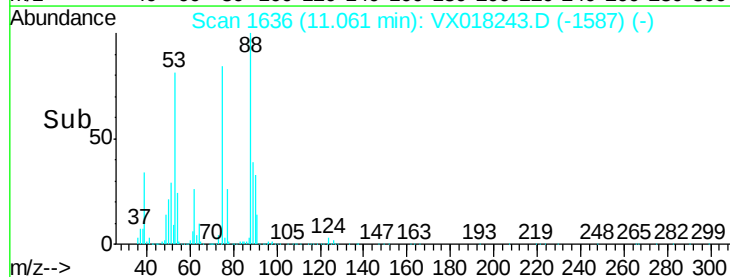
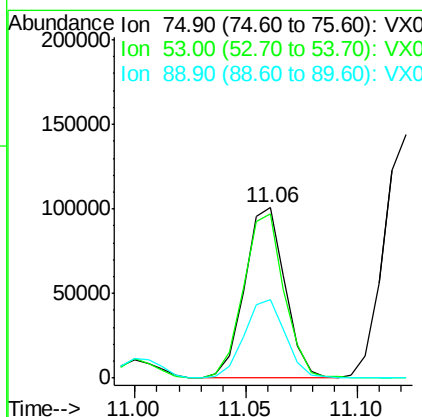
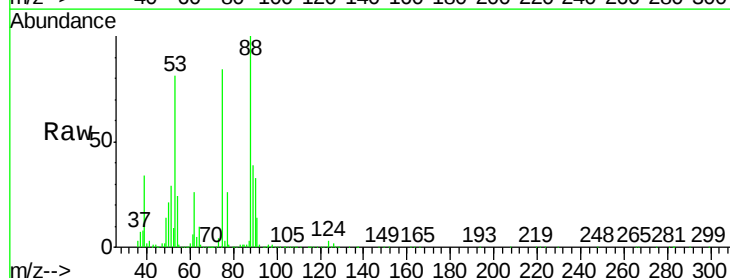
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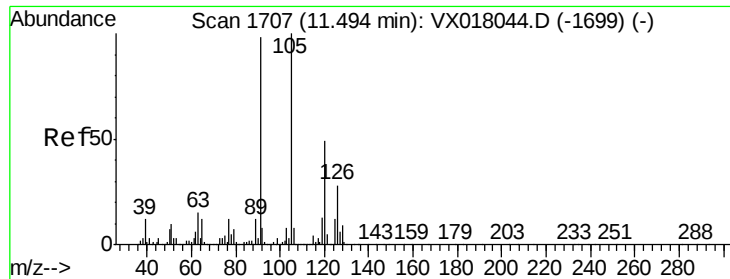
MMDadoda
 9/4/2020 9:29:07 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.563 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.7	74.7	112.1
89	47.5	36.6	54.8





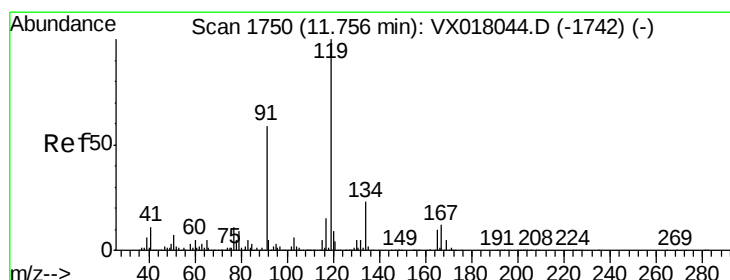
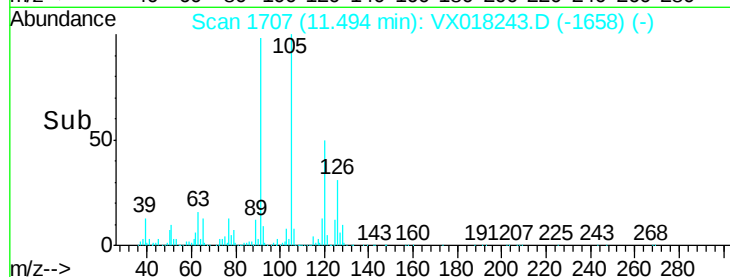
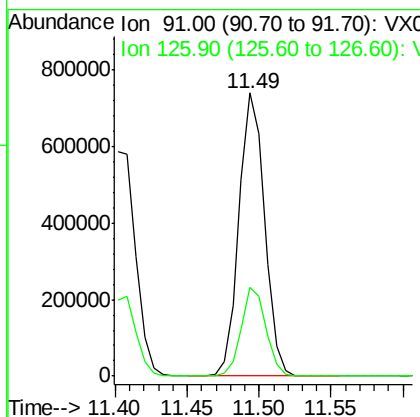
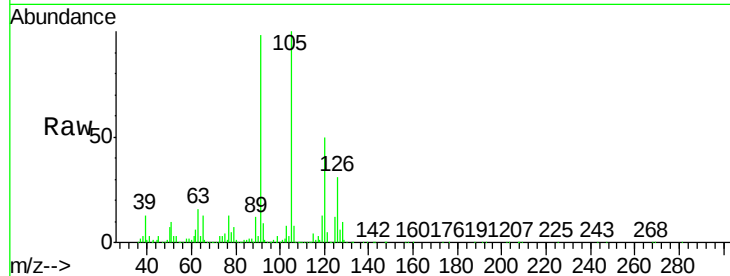
#82
4-Chlorotoluene
Concen: 49.030 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	916257		
126	30.1	15.1	45.3	

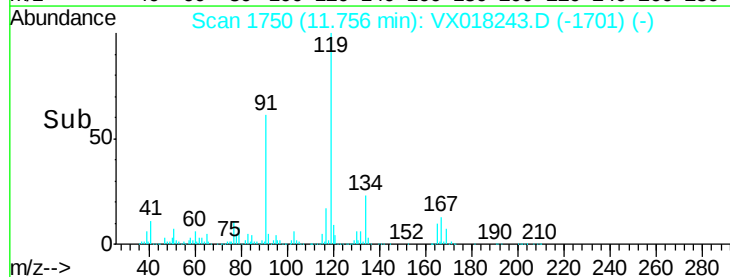
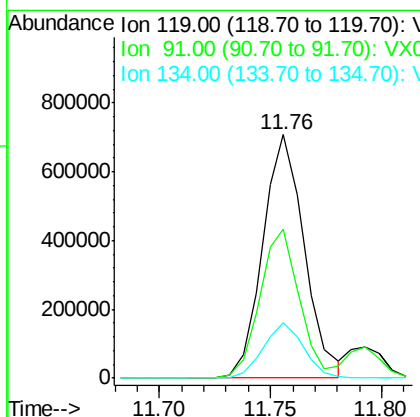
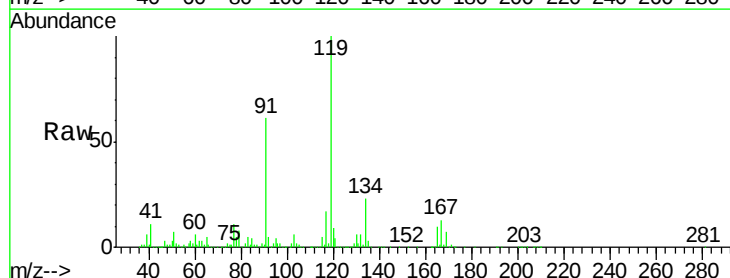
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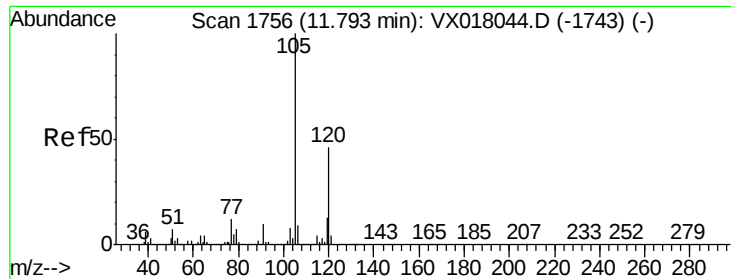
MMDadoda
9/4/2020 9:29:07 AM



#83
tert-Butylbenzene
Concen: 50.390 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	915709		
91	57.7	28.2	84.7	
134	22.0	11.3	33.8	





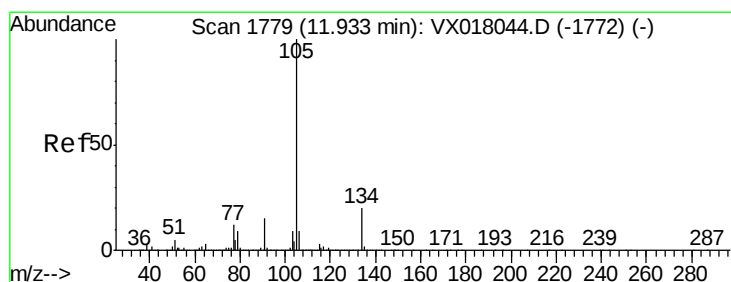
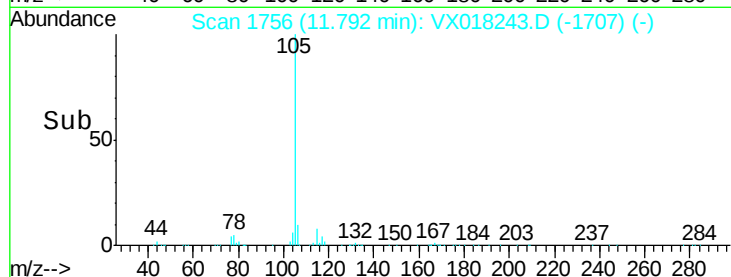
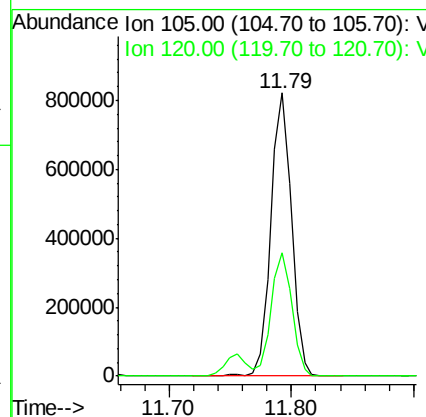
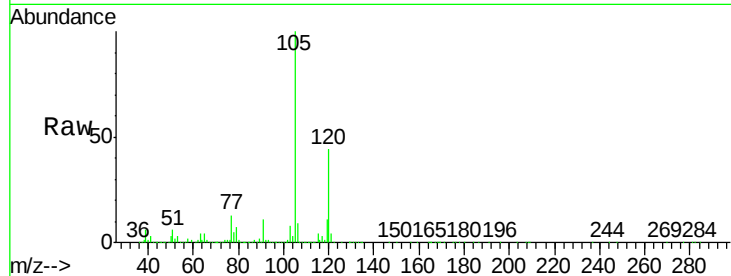
#84
1,2,4-Trimethylbenzene
Concen: 51.370 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.3	66.9

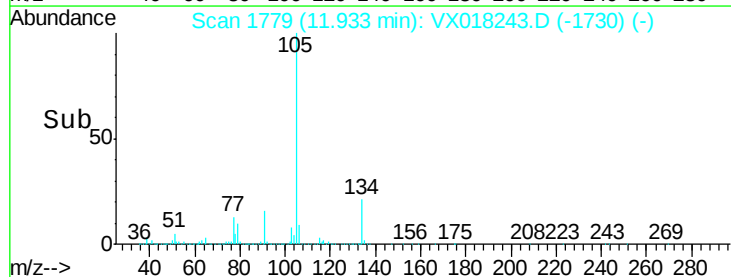
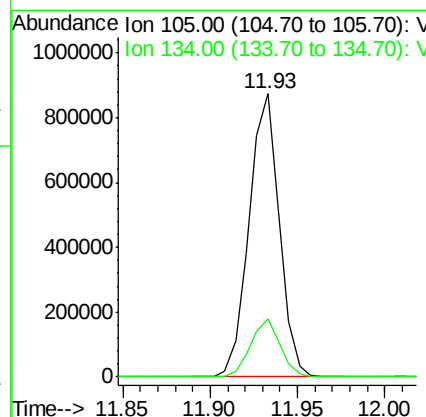
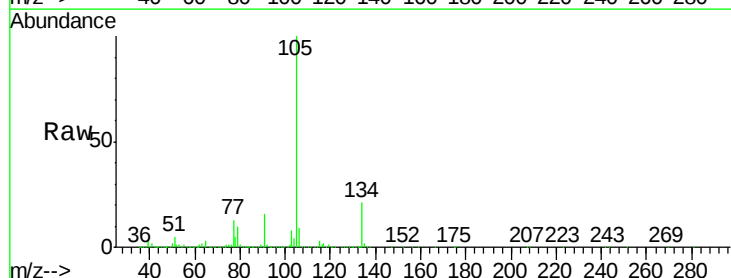
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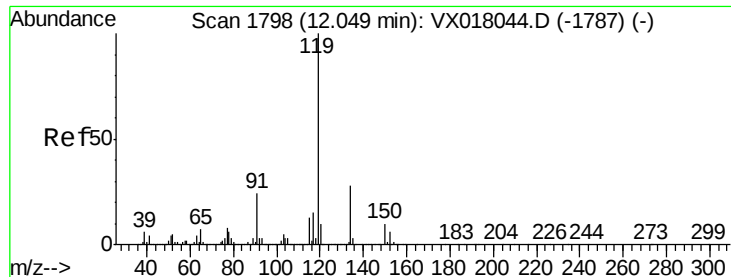
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#85
sec-Butylbenzene
Concen: 50.592 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3





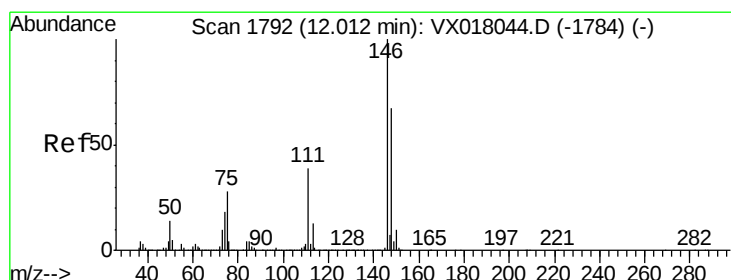
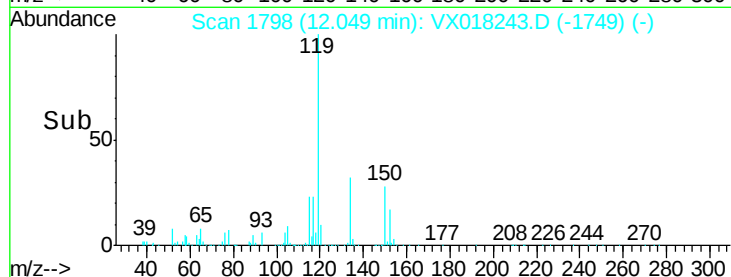
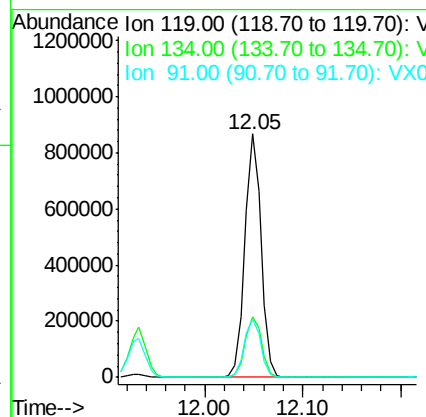
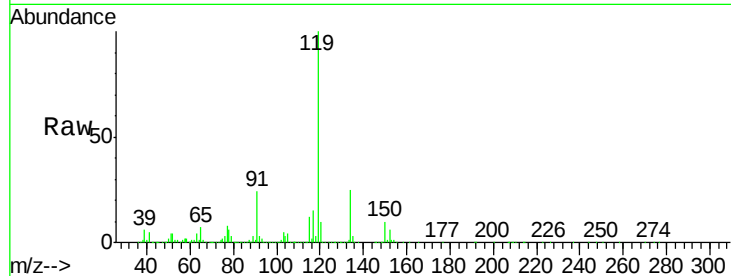
#86
p-Isopropyltoluene
Concen: 52.403 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	994733		
134	25.7		13.2	39.5
91	24.3		11.8	35.4

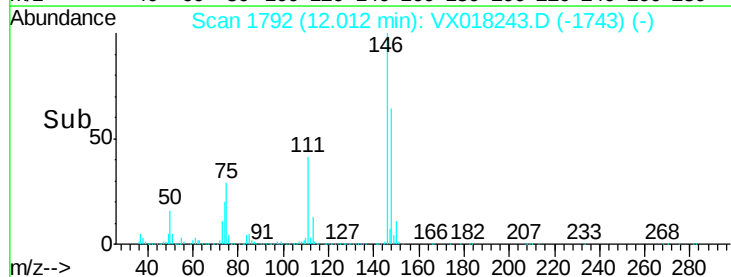
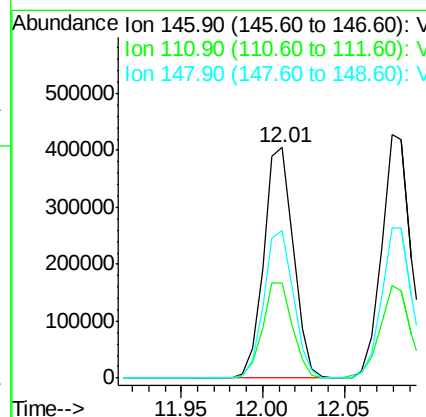
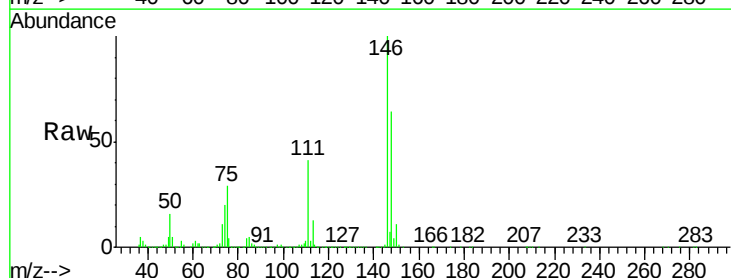
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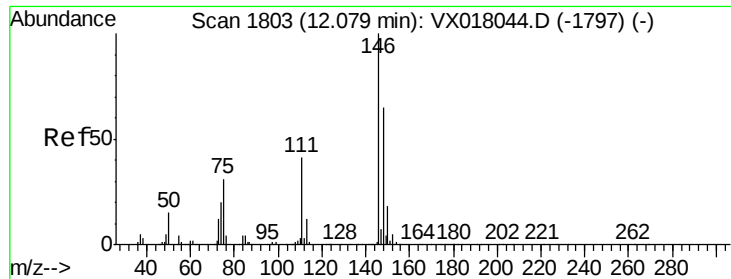
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 47.182 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018243.D
Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	513106		
111	41.8		20.6	61.8
148	63.5		33.1	99.2





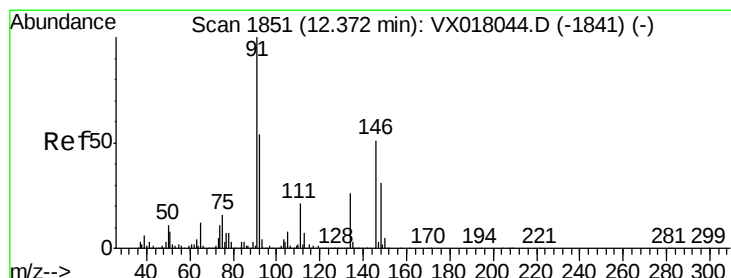
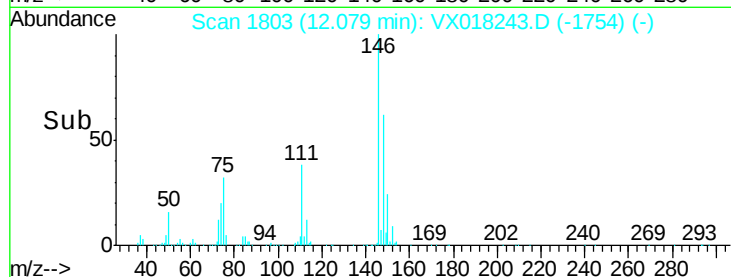
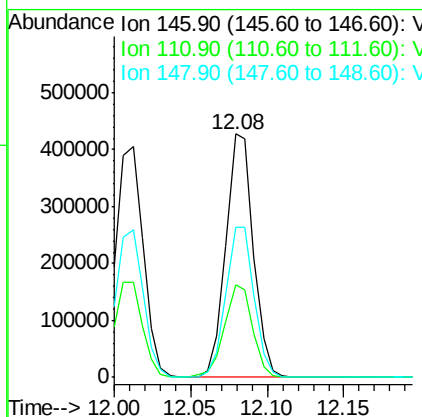
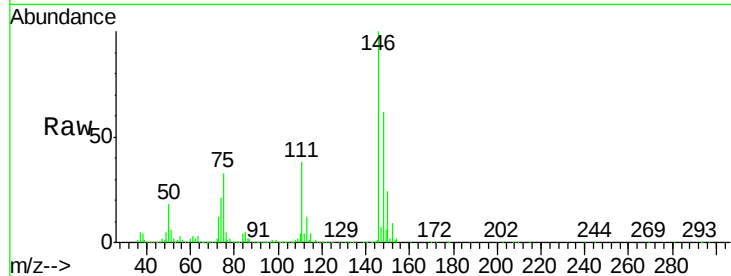
#88
 1,4-Dichlorobenzene
 Concen: 48.816 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.8
148	63.7	33.1	99.2

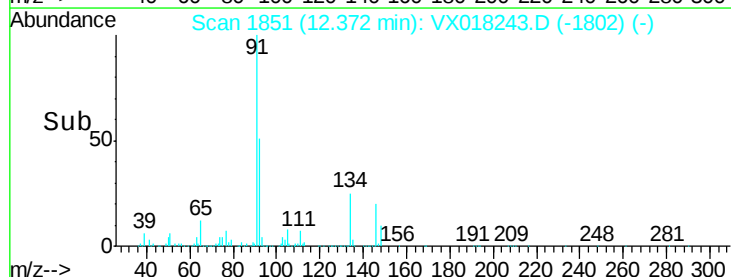
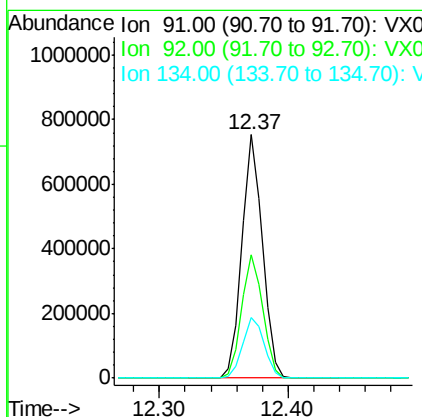
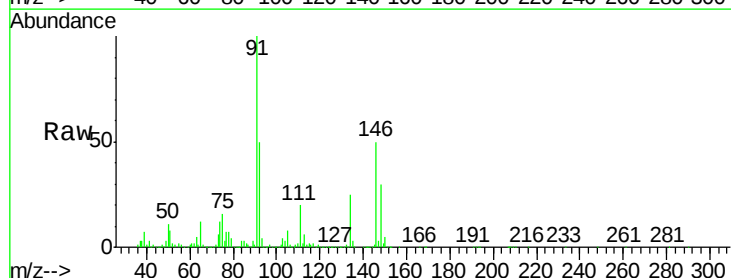
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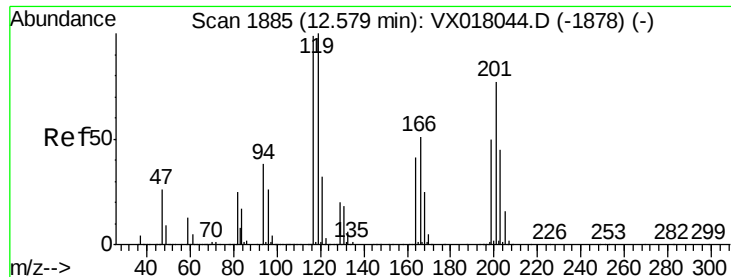
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 9/4/2020 9:29:07 AM



#89
 n-Butylbenzene
 Concen: 47.988 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	26.0	12.9	38.7





#90

Hexachloroethane

Concen: 51.788 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ123S-20200902MS

Tot Ion:117 Resp: 193416

Ion Ratio Lower Upper

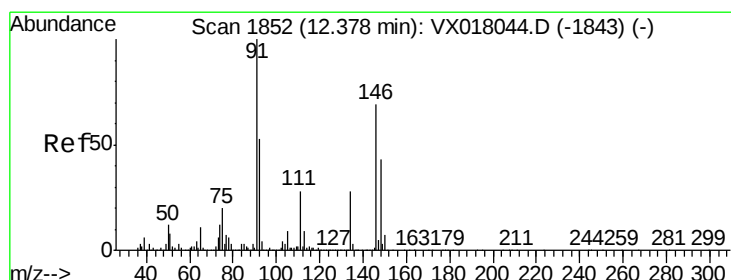
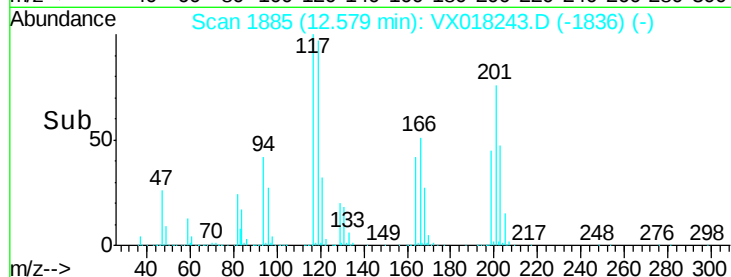
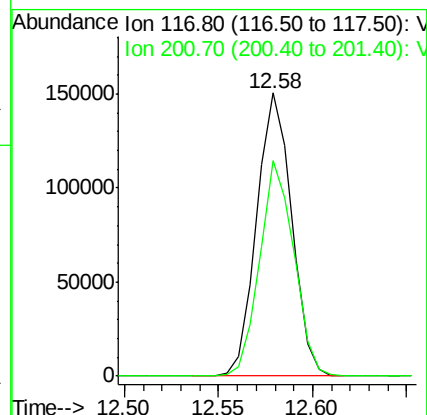
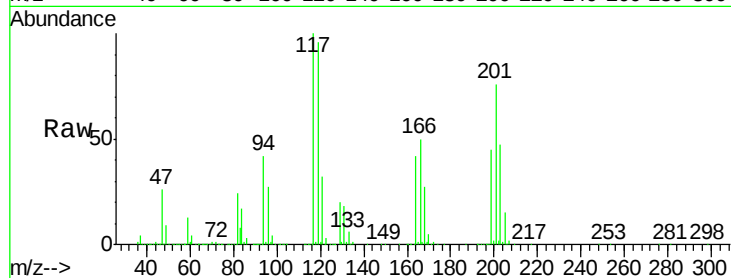
117 100

201 74.9 38.5 115.3

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#91

1,2-Dichlorobenzene

Concen: 48.884 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

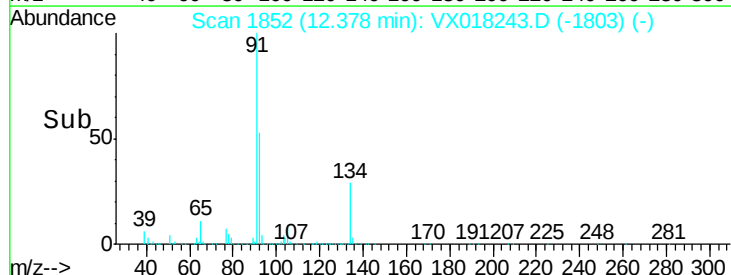
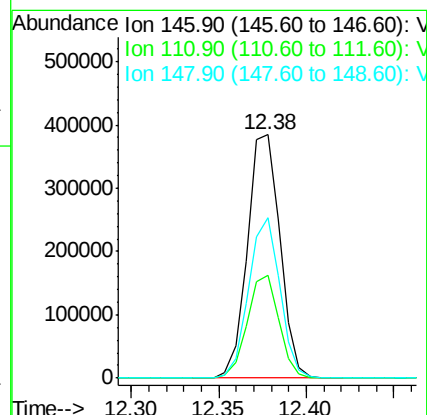
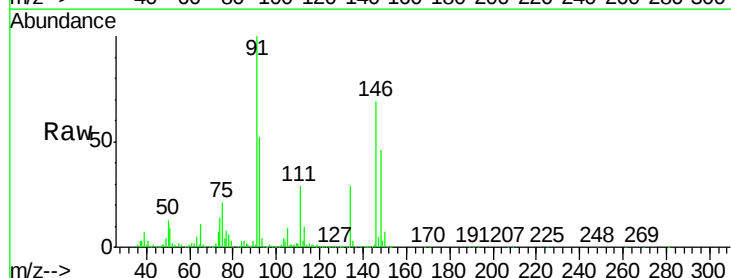
Tgt Ion:146 Resp: 500426

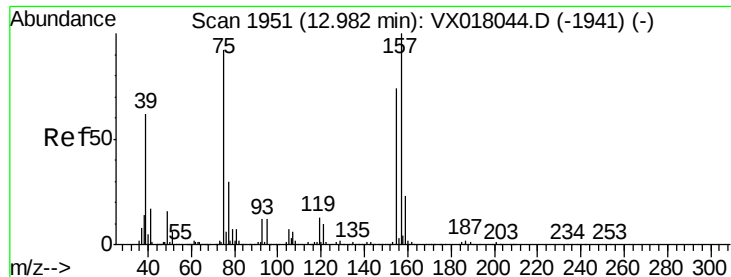
Ion Ratio Lower Upper

146 100

111 41.0 20.8 62.5

148 63.2 31.6 95.0





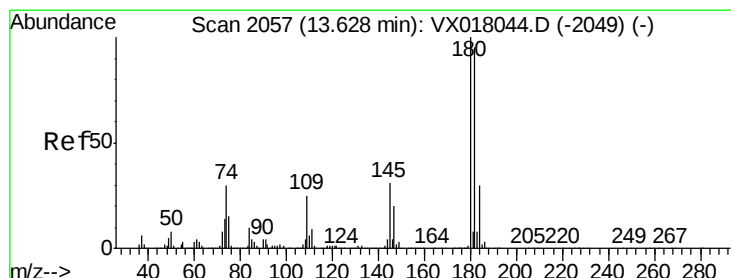
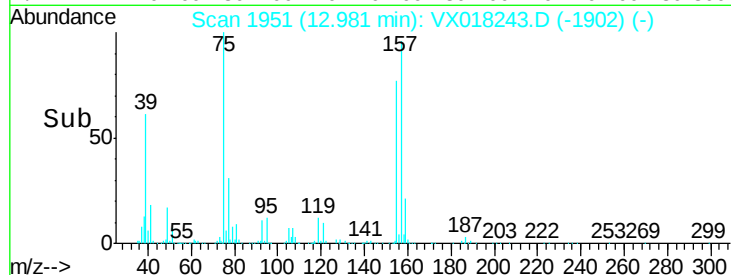
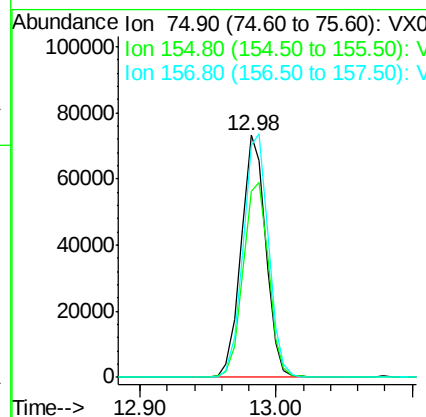
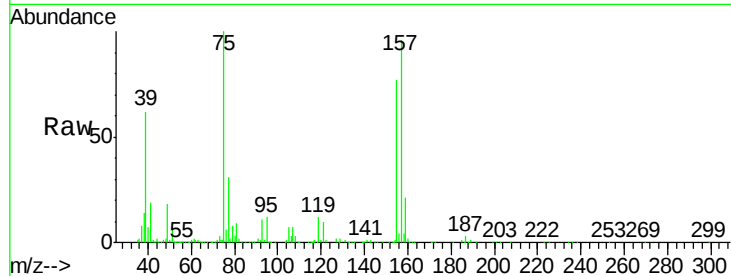
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.654 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.1	40.2	120.6
157	102.4	55.0	165.2

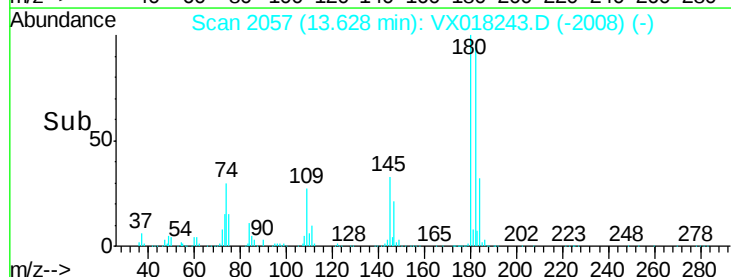
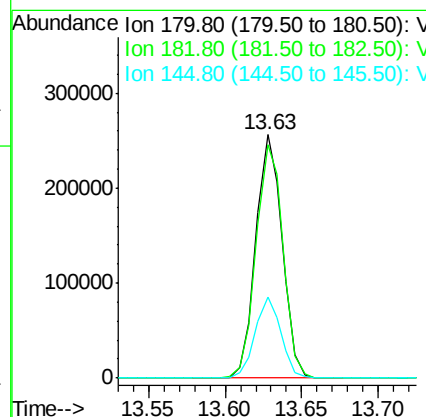
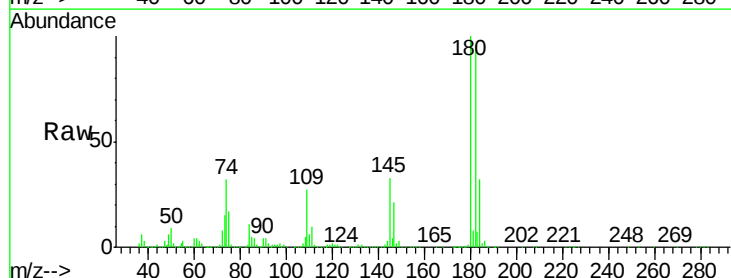
Manual Integrations
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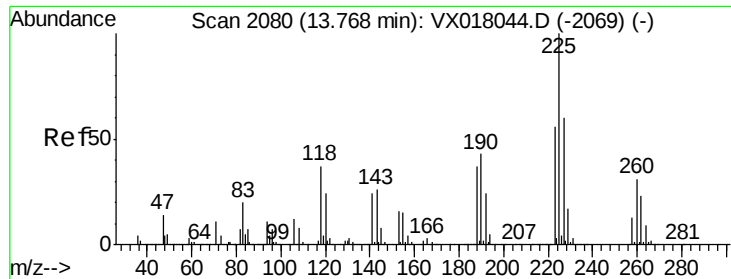
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 9/4/2020 9:29:07 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.021 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.5	142.6
145	32.7	15.7	47.1





#94

Hexachlorobutadiene

Concen: 45.045 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX018243.D

Acq: 03 Sep 2020 18:23

Instrument :

MSVOA_X

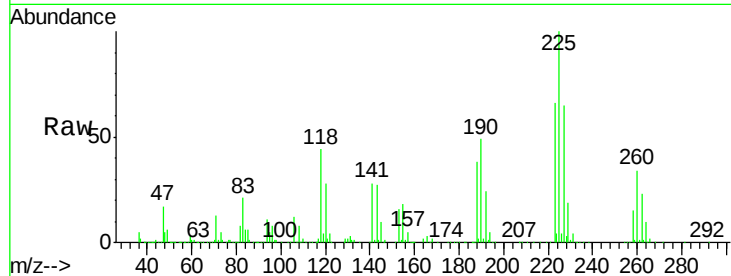
ClientSampleId :

SA-PZ123S-20200902MS

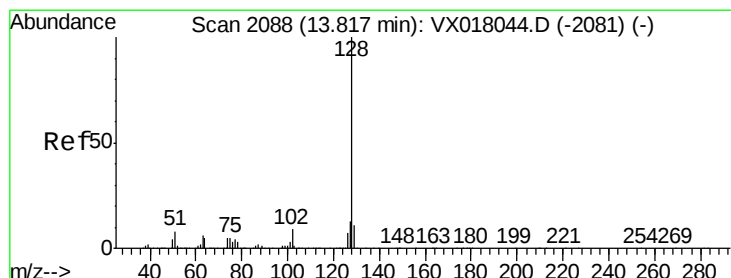
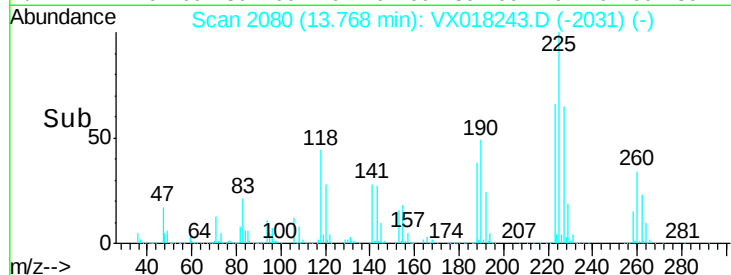
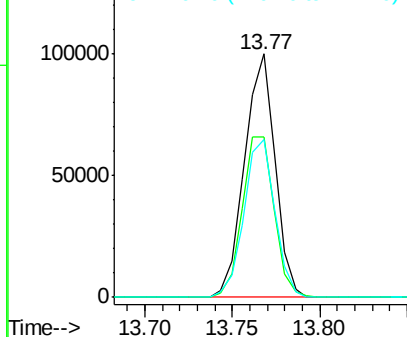
Tot Ion:	225	Resp:	121285
Ion Ratio		Lower	Upper
225	100		
223	68.7	30.7	92.1
227	65.8	32.6	97.8

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9/4/2020 9:29:07 AM



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



#95

Naphthalene

Concen: 47.359 ug/l

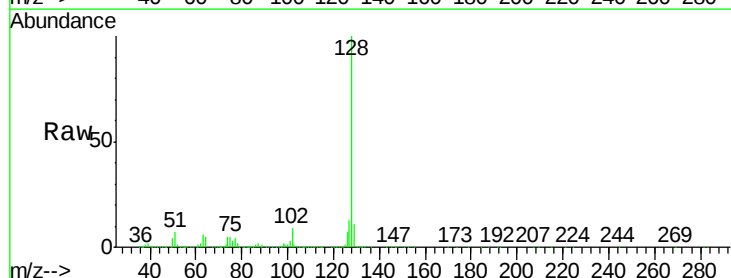
RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

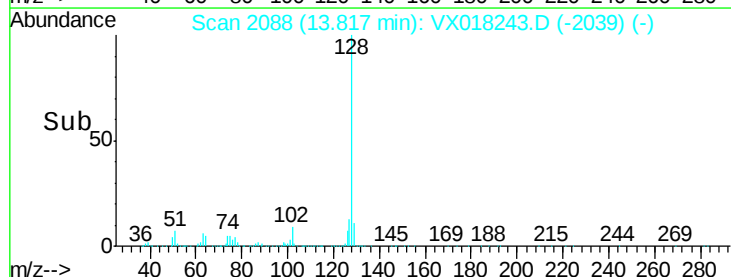
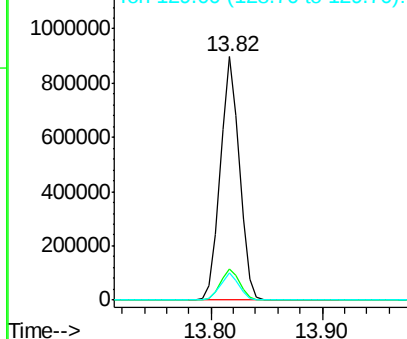
Lab File: VX018243.D

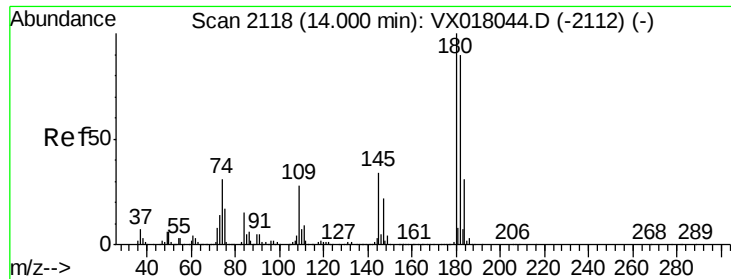
Acq: 03 Sep 2020 18:23

Tgt Ion:	128	Resp:	1063955
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.414 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018243.D
 Acq: 03 Sep 2020 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	90.2	47.3	142.0	
145	33.2	17.5	52.6	

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:07 AM

